

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044615.D
 Acq On : 08 Jan 2025 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 09 00:23:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	185177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	315703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	269260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	141072	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	129910	43.510	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.020%
35) Dibromofluoromethane	5.373	113	91296	42.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.340%
50) Toluene-d8	8.641	98	313570	42.405	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.820%#
62) 4-Bromofluorobenzene	11.079	95	111957	42.895	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	143884	53.701	ug/l	99
3) Chloromethane	1.294	50	130028	48.699	ug/l	99
4) Vinyl Chloride	1.374	62	125372	50.053	ug/l	97
5) Bromomethane	1.599	94	63389	48.856	ug/l	96
6) Chloroethane	1.666	64	72582	50.653	ug/l	98
7) Trichlorofluoromethane	1.873	101	193615	51.913	ug/l	100
8) Diethyl Ether	2.130	74	73243	55.579	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	106546	49.826	ug/l	99
10) Methyl Iodide	2.447	142	140812	47.223	ug/l	97
11) Tert butyl alcohol	2.995	59	91987	250.198	ug/l	100
12) 1,1-Dichloroethene	2.312	96	96924	46.787	ug/l	94
13) Acrolein	2.233	56	141479	291.046	ug/l	99
14) Allyl chloride	2.654	41	170590	49.514	ug/l	97
15) Acrylonitrile	3.062	53	272501	257.354	ug/l	99
16) Acetone	2.380	43	248767	264.351	ug/l	99
17) Carbon Disulfide	2.508	76	219364	51.210	ug/l	99
18) Methyl Acetate	2.697	43	141373	50.898	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	347843	48.996	ug/l	98
20) Methylene Chloride	2.782	84	111927	46.621	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	100953	47.482	ug/l	95
22) Diisopropyl ether	3.757	45	347271	49.032	ug/l	93
23) Vinyl Acetate	3.715	43	1518295	265.101	ug/l	99
24) 1,1-Dichloroethane	3.599	63	198952	48.209	ug/l	98
25) 2-Butanone	4.550	43	374323	275.581	ug/l	96
26) 2,2-Dichloropropane	4.465	77	175929	49.307	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	120628	46.529	ug/l	97
28) Bromochloromethane	4.885	49	95347	49.634	ug/l	98
29) Tetrahydrofuran	4.995	42	235815	253.520	ug/l	99
30) Chloroform	5.086	83	209270	47.038	ug/l	98
31) Cyclohexane	5.458	56	165123	48.733	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	188751	50.413	ug/l	98
36) 1,1-Dichloropropene	5.684	75	136069	48.608	ug/l	99
37) Ethyl Acetate	4.708	43	151059	52.752	ug/l	99
38) Carbon Tetrachloride	5.665	117	154726	49.817	ug/l	96
39) Methylcyclohexane	7.373	83	179712	50.314	ug/l	98
40) Benzene	6.025	78	408603	46.359	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	82510	53.679	ug/l	97
42) 1,2-Dichloroethane	6.074	62	173322	50.284	ug/l	100
43) Isopropyl Acetate	6.336	43	243898	51.627	ug/l	99
44) Trichloroethene	7.116	130	101048	44.850	ug/l	96
45) 1,2-Dichloropropane	7.421	63	103793	48.301	ug/l	97
46) Dibromomethane	7.574	93	81024	48.482	ug/l	98
47) Bromodichloromethane	7.818	83	153791	50.569	ug/l	95
48) Methyl methacrylate	7.690	41	121255	53.813	ug/l	99
49) 1,4-Dioxane	7.659	88	33036	997.714	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	743580	269.257	ug/l	99
52) Toluene	8.714	92	252542	47.488	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	148998	51.255	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	163532	50.054	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	97985	46.999	ug/l	96
56) Ethyl methacrylate	9.110	69	154322	50.898	ug/l	98
57) 1,3-Dichloropropane	9.305	76	171049	48.858	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	371376	247.074	ug/l	99
59) 2-Hexanone	9.427	43	538943	275.949	ug/l	99
60) Dibromochloromethane	9.518	129	108381	52.136	ug/l	99
61) 1,2-Dibromoethane	9.604	107	103298	49.059	ug/l	99
64) Tetrachloroethene	9.269	164	88884	46.689	ug/l	98
65) Chlorobenzene	10.073	112	268985	47.069	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	93984	49.517	ug/l	100
67) Ethyl Benzene	10.189	91	478826	48.793	ug/l	99
68) m/p-Xylenes	10.299	106	358247	99.345	ug/l	99
69) o-Xylene	10.640	106	175420	48.195	ug/l	99
70) Styrene	10.652	104	290914	49.970	ug/l	100
71) Bromoform	10.799	173	65781	49.507	ug/l #	97
73) Isopropylbenzene	10.957	105	460139	44.026	ug/l	100
74) N-amyl acetate	10.841	43	201678	47.556	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	164502	48.830	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	137259m	48.537	ug/l	
77) Bromobenzene	11.195	156	122181	48.123	ug/l	98
78) n-propylbenzene	11.299	91	597685	50.771	ug/l	99
79) 2-Chlorotoluene	11.360	91	356792	46.771	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	426919	49.265	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	44334	47.721	ug/l	98
82) 4-Chlorotoluene	11.451	91	407956	47.537	ug/l	97
83) tert-Butylbenzene	11.713	119	423897	49.126	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	429596	49.350	ug/l	100
85) sec-Butylbenzene	11.890	105	523251	49.791	ug/l	100
86) p-Isopropyltoluene	12.006	119	439013	49.788	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	220974	48.111	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	226749	47.384	ug/l	99
89) n-Butylbenzene	12.329	91	378051	50.775	ug/l	99
90) Hexachloroethane	12.536	117	69254	48.891	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	215723	46.479	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32448	50.806	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	132128	48.437	ug/l	98
94) Hexachlorobutadiene	13.725	225	55247	48.639	ug/l	100
95) Naphthalene	13.774	128	448342	50.939	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	136785	49.053	ug/l	99

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QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

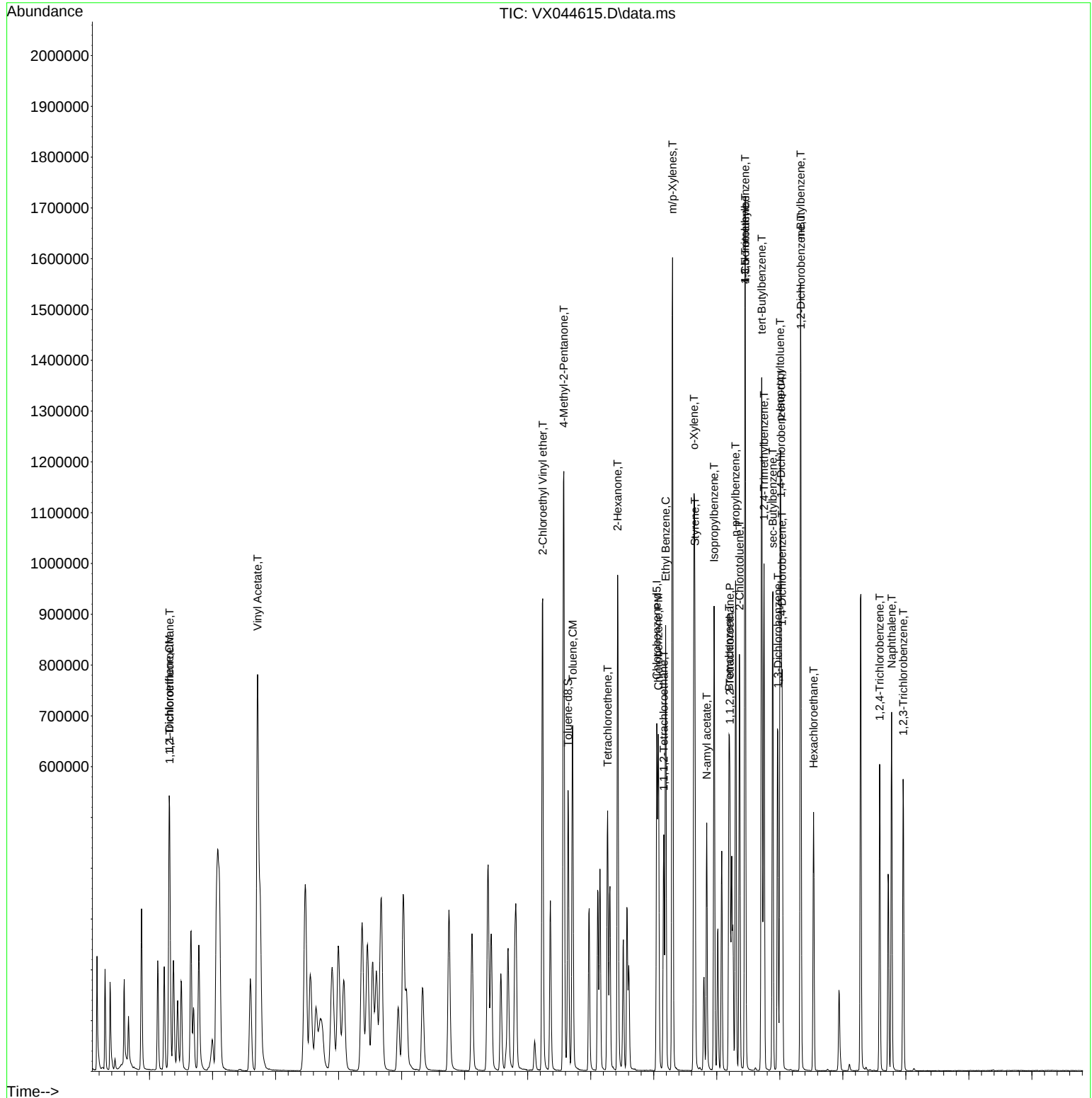
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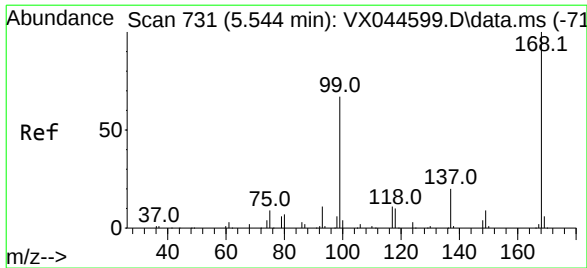
Instrument :
MSVOA_X
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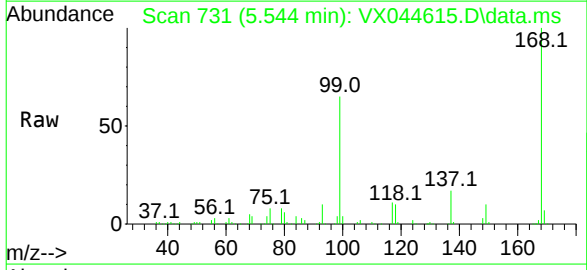
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

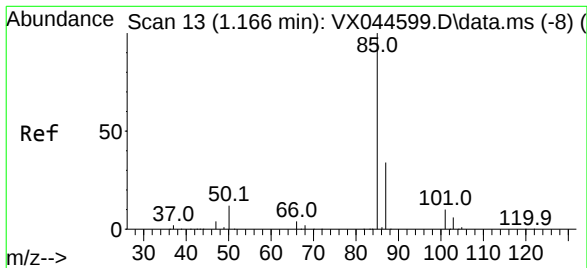
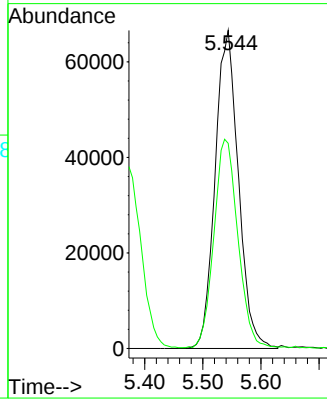
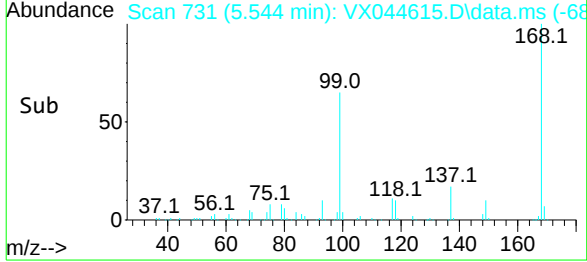
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



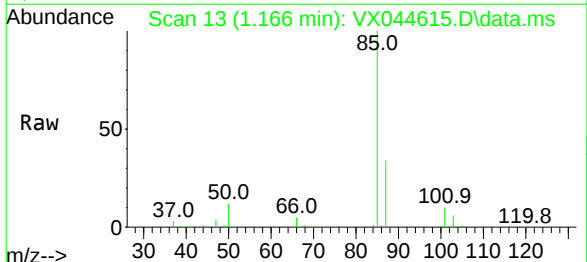
Tgt Ion: 168 Resp: 185177
Ion Ratio Lower Upper
168 100
99 64.3 53.5 80.3

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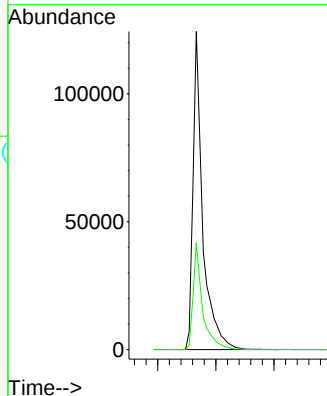
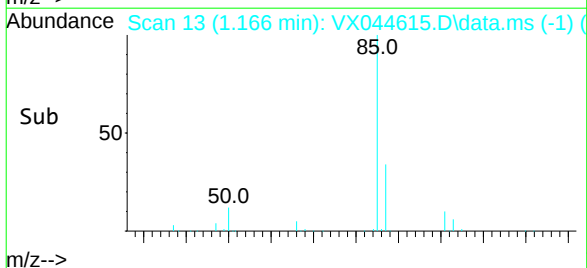
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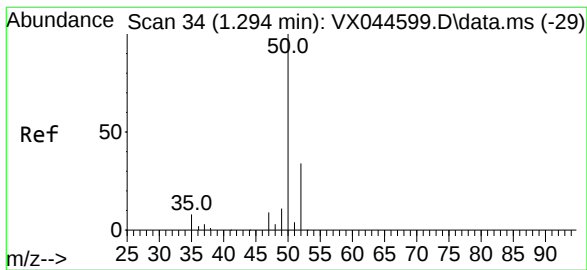


#2
Dichlorodifluoromethane
Concen: 53.701 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02



Tgt Ion: 85 Resp: 143884
Ion Ratio Lower Upper
85 100
87 33.6 17.2 51.5





#3

Chloromethane

Concen: 48.699 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 130028

Ion Ratio Lower Upper

50 100

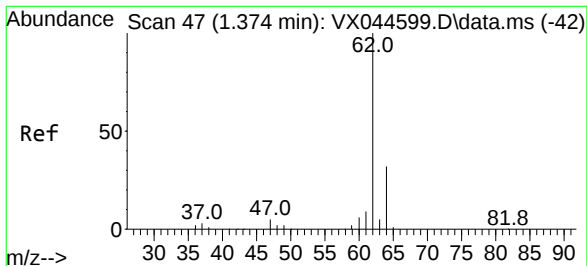
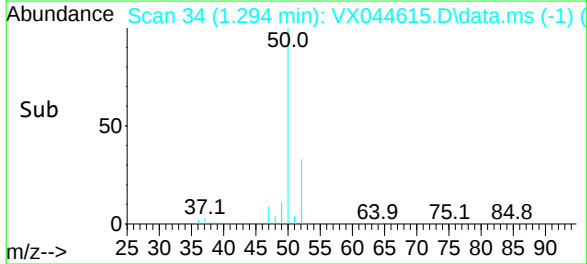
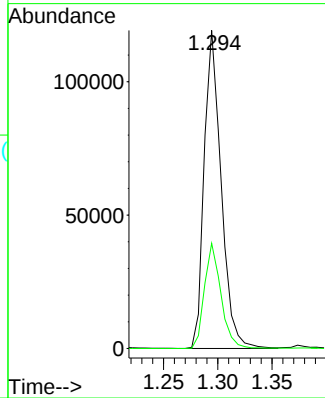
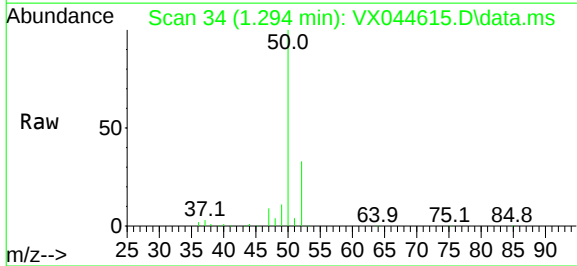
52 33.1 27.0 40.4

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#4

Vinyl Chloride

Concen: 50.053 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX044615.D

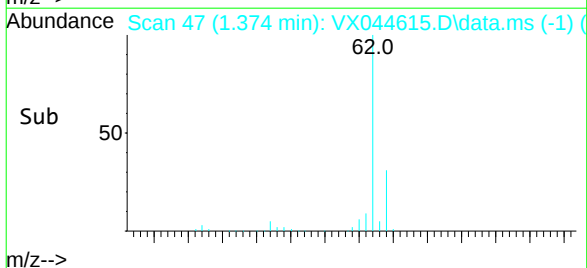
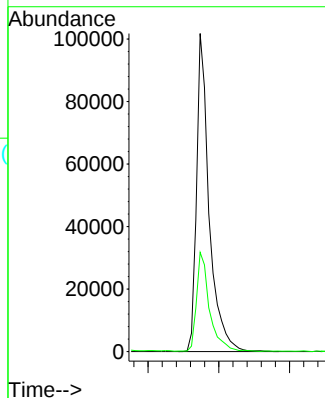
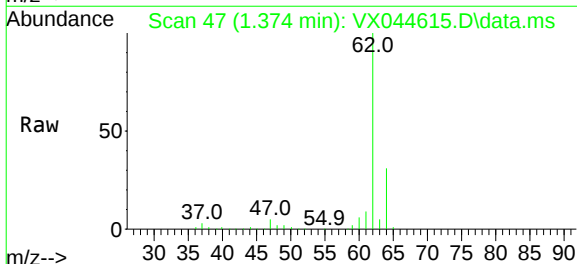
Acq: 08 Jan 2025 10:02

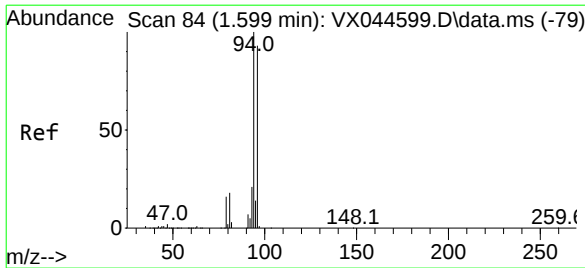
Tgt Ion: 62 Resp: 125372

Ion Ratio Lower Upper

62 100

64 31.0 26.0 39.0





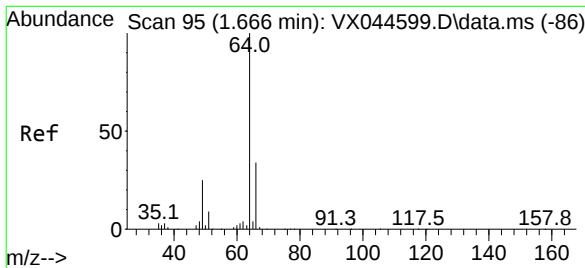
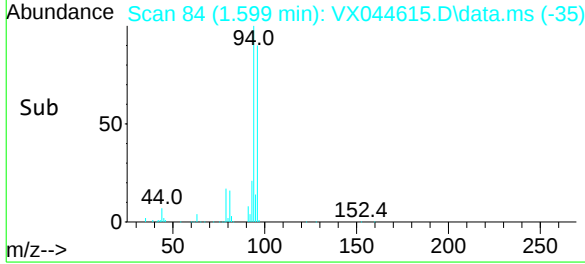
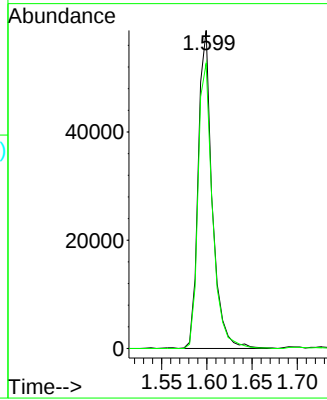
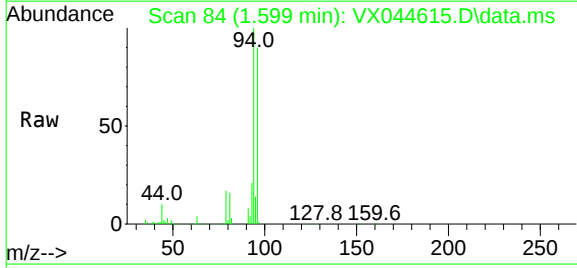
#5
Bromomethane
Concen: 48.856 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX044615.D
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Tgt Ion: 94 Resp: 63389
Ion Ratio Lower Upper
94 100
96 89.7 74.6 112.0

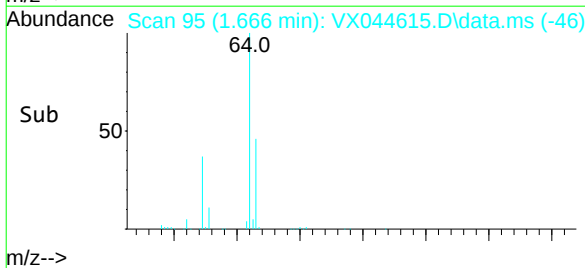
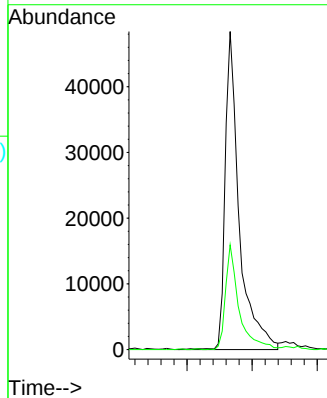
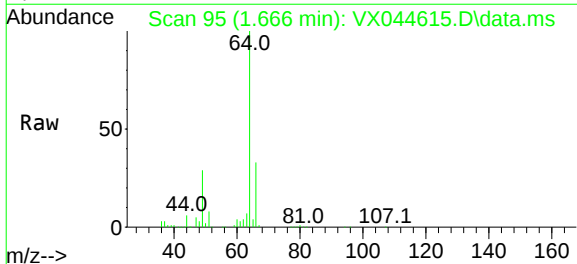
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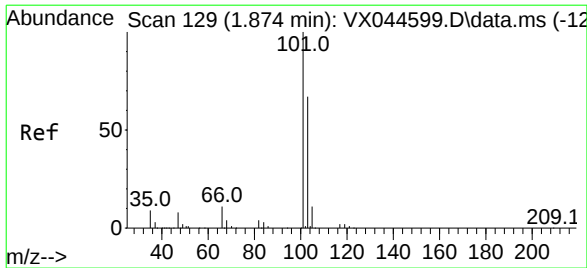
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#6
Chloroethane
Concen: 50.653 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

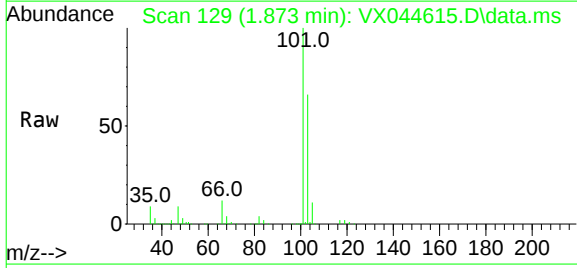
Tgt Ion: 64 Resp: 72582
Ion Ratio Lower Upper
64 100
66 32.7 27.3 40.9





#7
 Trichlorofluoromethane
 Concen: 51.913 ug/l
 RT: 1.873 min Scan# 129
 Delta R.T. -0.000 min
 Lab File: VX044615.D
 Acq: 08 Jan 2025 10:02

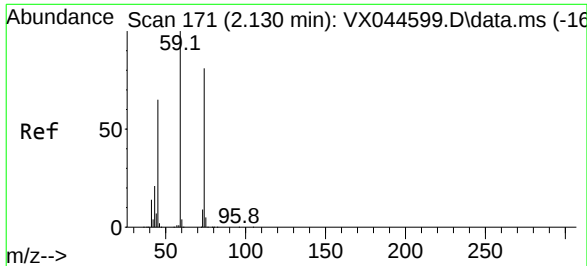
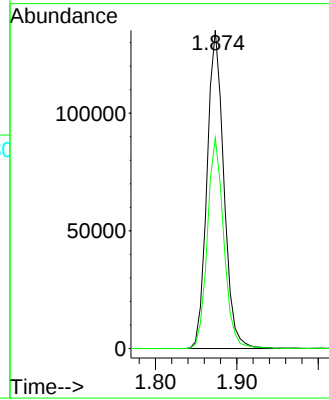
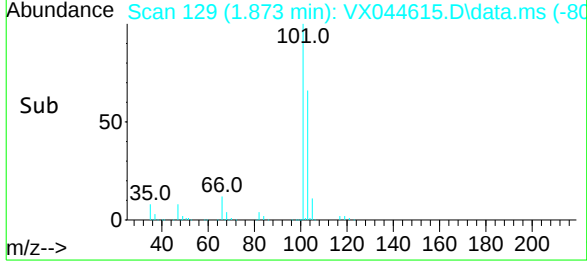
Instrument :
 MSVOA_X
 ClientSampleId :
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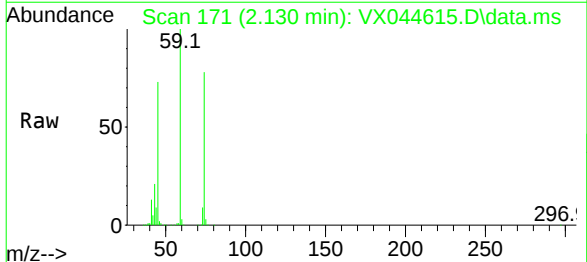
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 Ion Ratio Lower Upper
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 103 66.2 53.3 79.9

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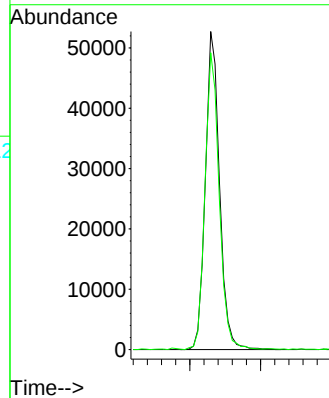
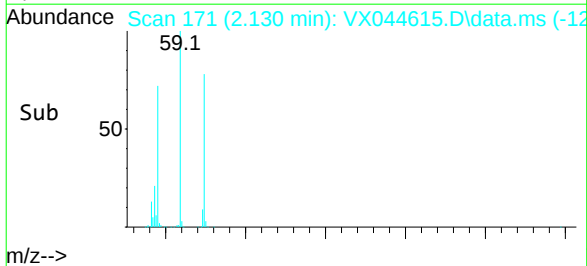
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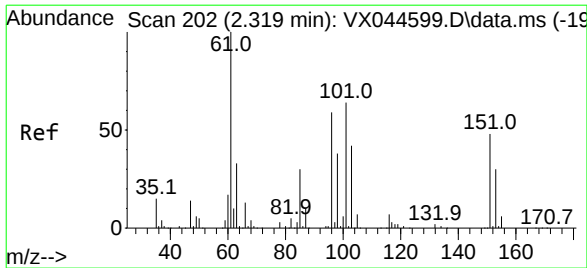


#8
 Diethyl Ether
 Concen: 55.579 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX044615.D
 Acq: 08 Jan 2025 10:02



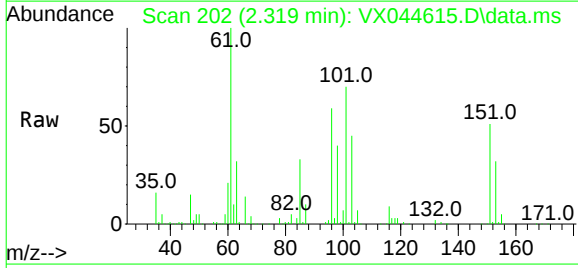
Tgt Ion: 74 Resp: 73243
 Ion Ratio Lower Upper
 74 100
 45 93.9 41.7 125.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.826 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

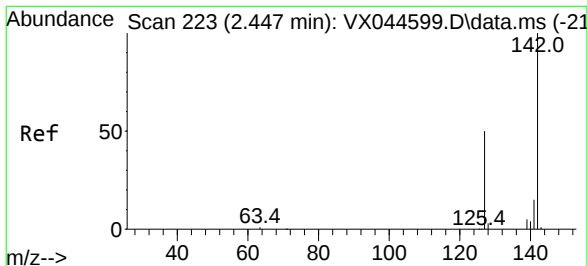
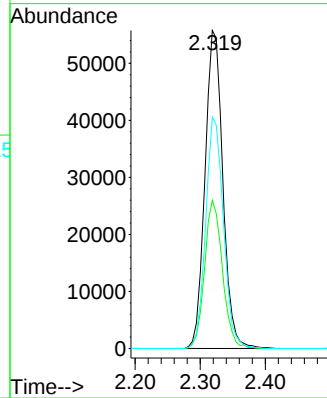
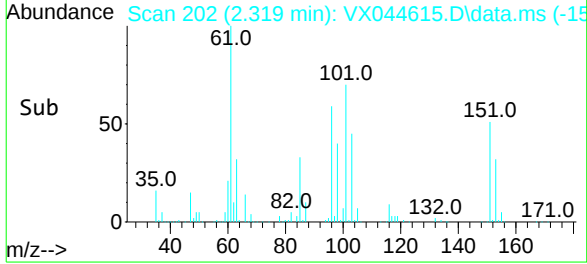
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 106546
Ion Ratio Lower Upper
101 100
85 46.5 36.5 54.7
151 72.5 58.6 87.8

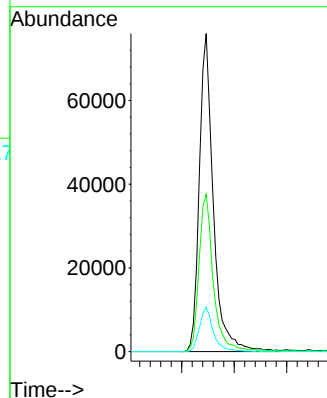
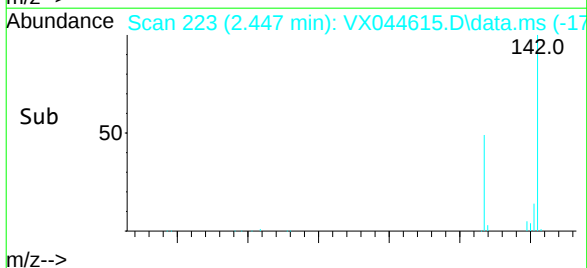
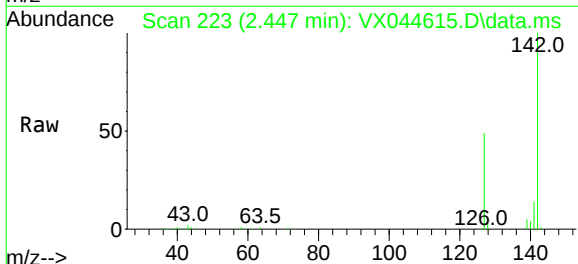
Manual Integrations
APPROVED

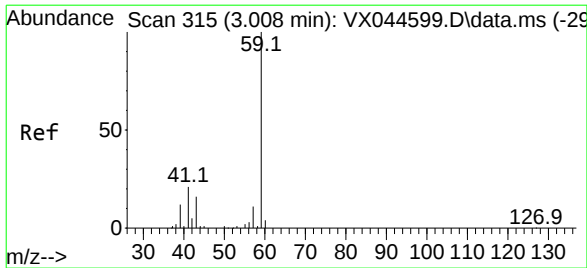
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#10
Methyl Iodide
Concen: 47.223 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion:142 Resp: 140812
Ion Ratio Lower Upper
142 100
127 50.2 41.9 62.9
141 13.8 11.8 17.6





#11

Tert butyl alcohol

Concen: 250.198 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 91987

Ion Ratio Lower Upper

59 100

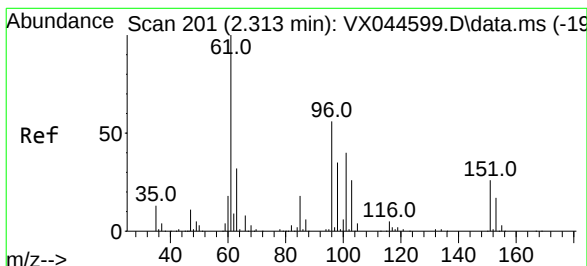
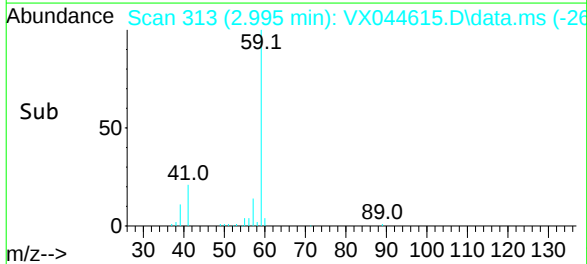
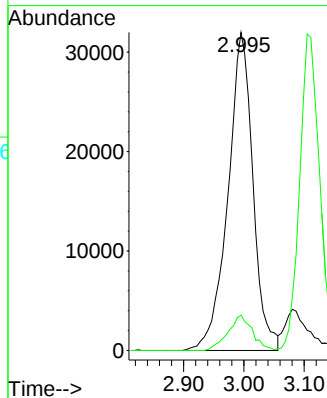
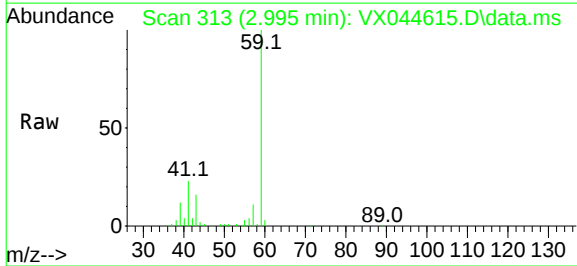
57 10.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#12

1,1-Dichloroethene

Concen: 46.787 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

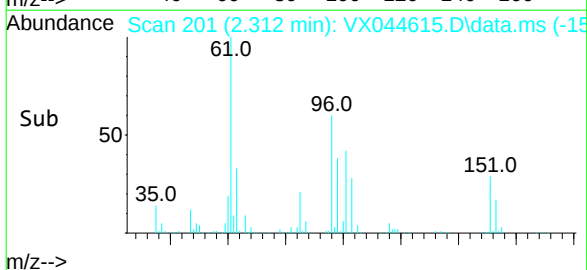
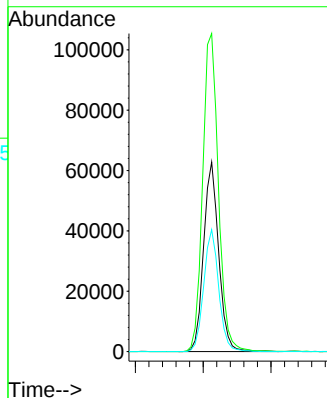
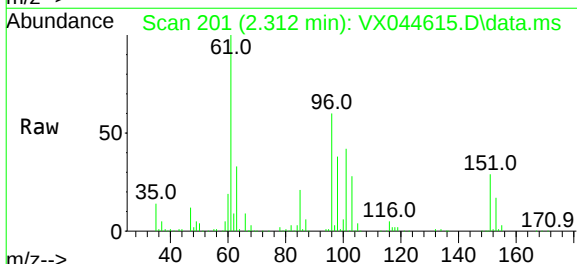
Tgt Ion: 96 Resp: 96924

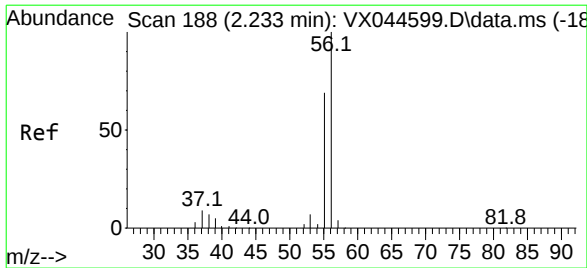
Ion Ratio Lower Upper

96 100

61 167.7 143.3 214.9

98 64.3 50.6 76.0





#13

Acrolein

Concen: 291.046 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 141479

Ion Ratio Lower Upper

56 100

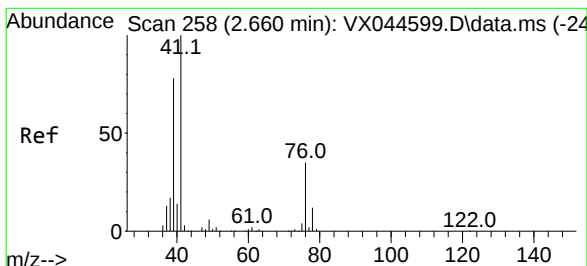
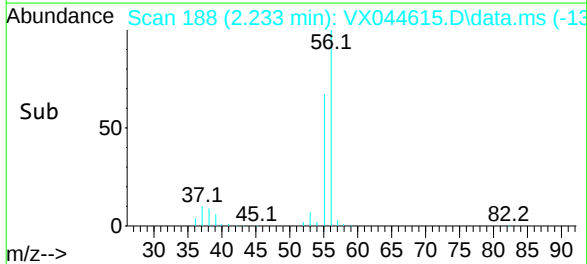
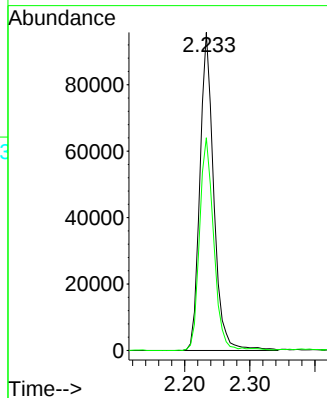
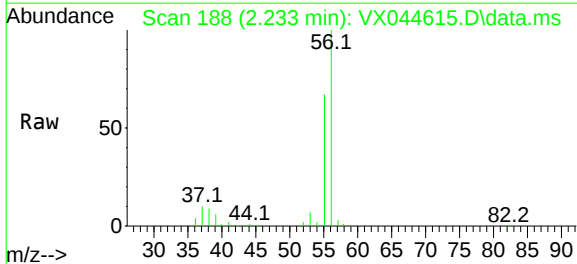
55 68.9 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#14

Allyl chloride

Concen: 49.514 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

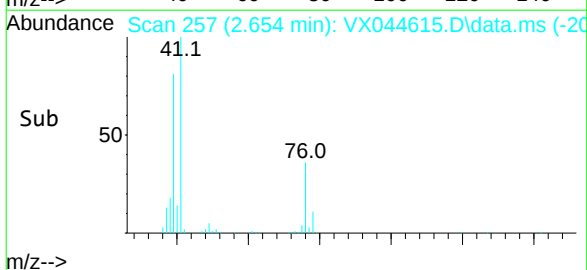
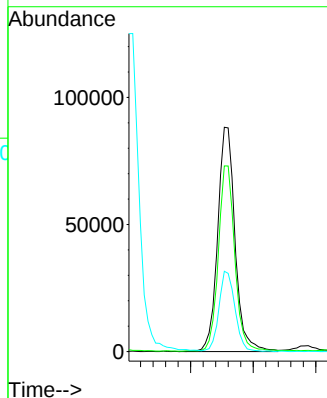
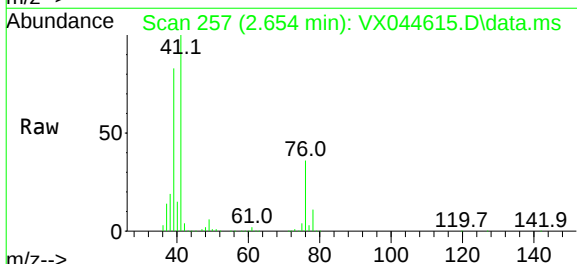
Tgt Ion: 41 Resp: 170590

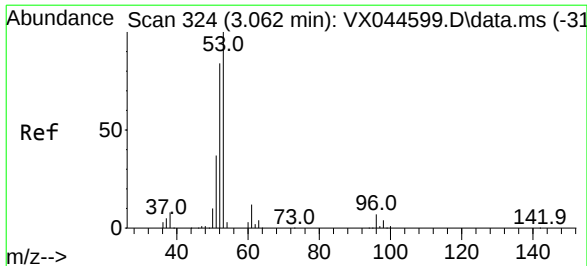
Ion Ratio Lower Upper

41 100

39 77.9 60.2 90.2

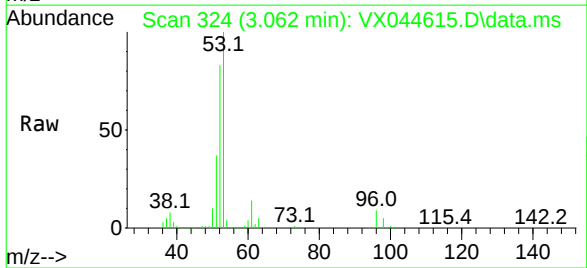
76 33.0 25.9 38.9





#15
Acrylonitrile
Concen: 257.354 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

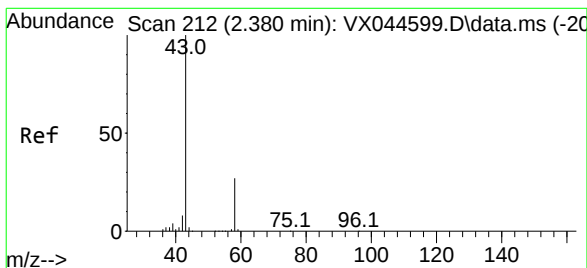
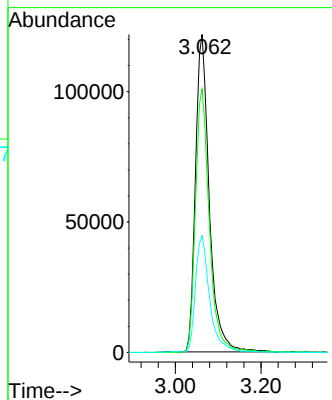
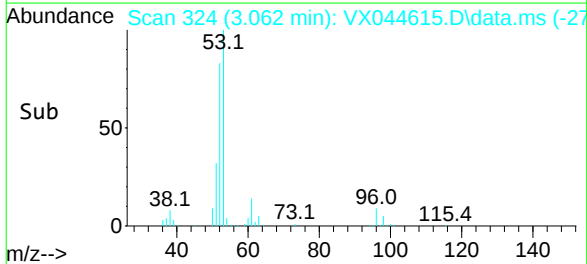
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 272501
Ion Ratio Lower Upper
53 100
52 83.5 67.0 100.6
51 37.7 29.4 44.0

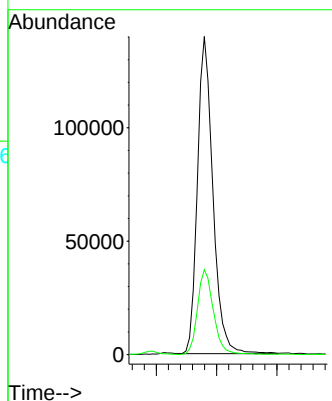
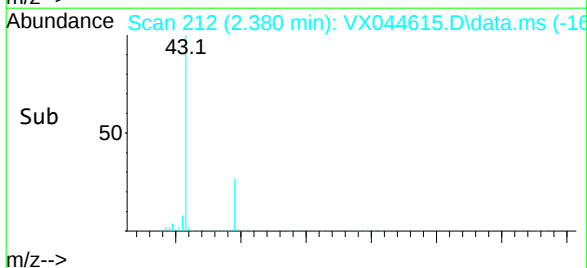
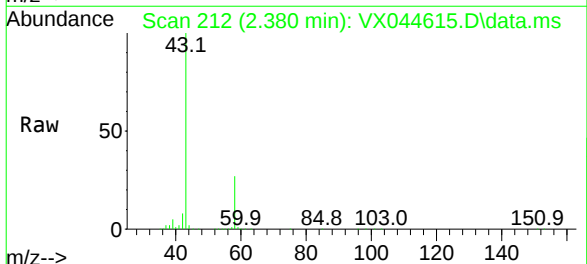
Manual Integrations
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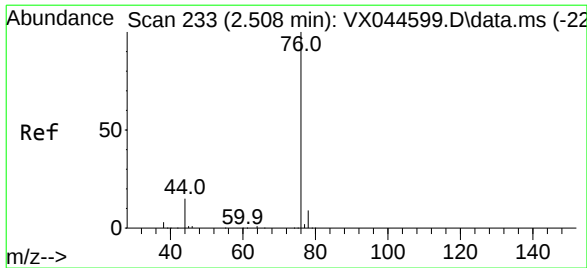
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#16
Acetone
Concen: 264.351 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

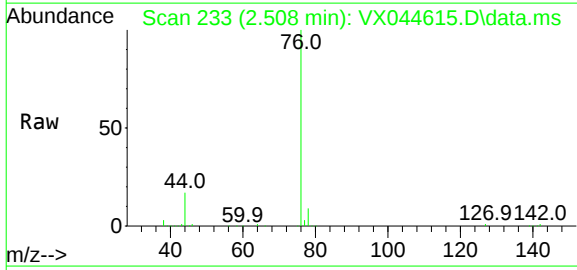
Tgt Ion: 43 Resp: 248767
Ion Ratio Lower Upper
43 100
58 26.7 22.0 33.0





#17
Carbon Disulfide
Concen: 51.210 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

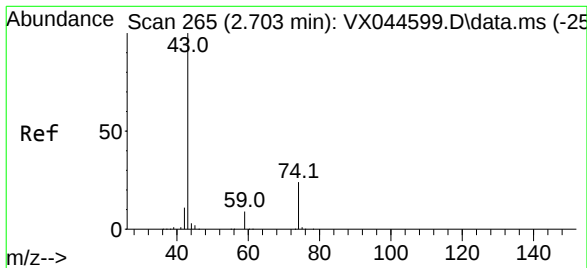
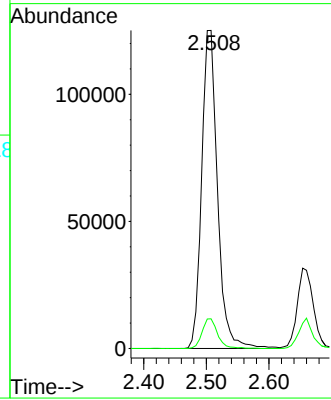
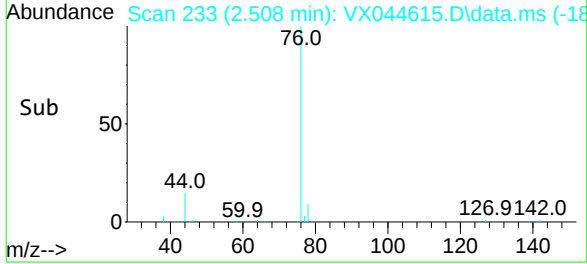
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 219364
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

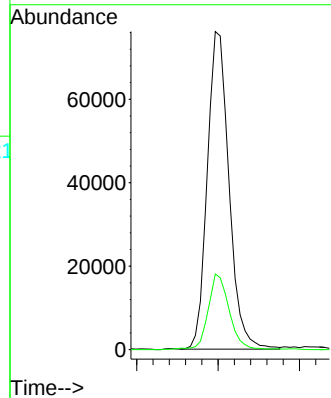
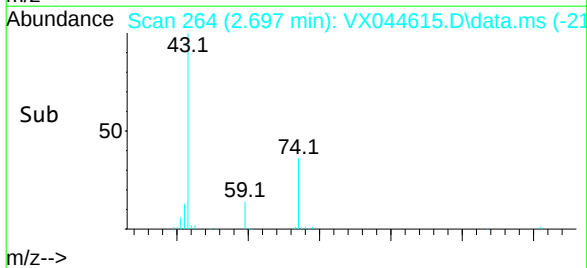
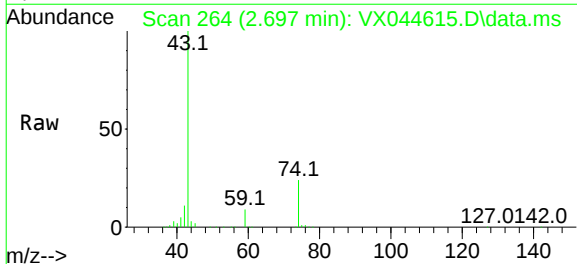
Manual Integrations
APPROVED

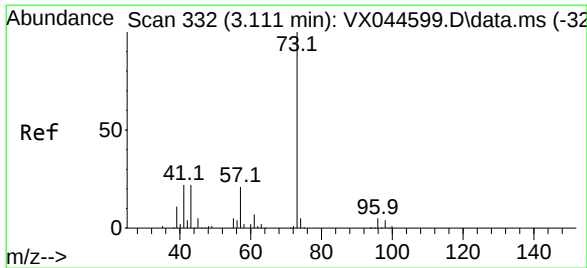
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#18
Methyl Acetate
Concen: 50.898 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion: 43 Resp: 141373
Ion Ratio Lower Upper
43 100
74 23.0 19.3 28.9





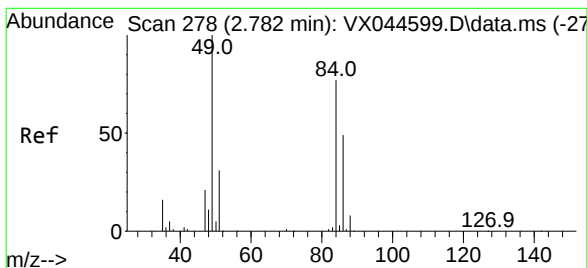
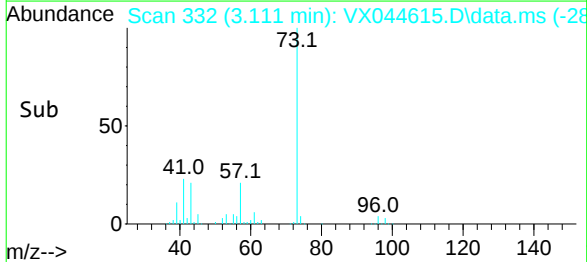
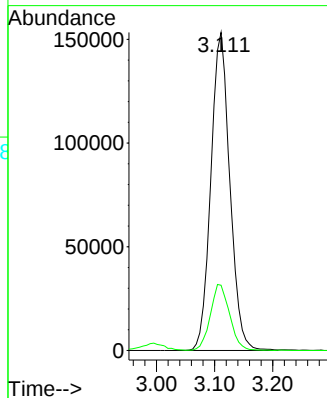
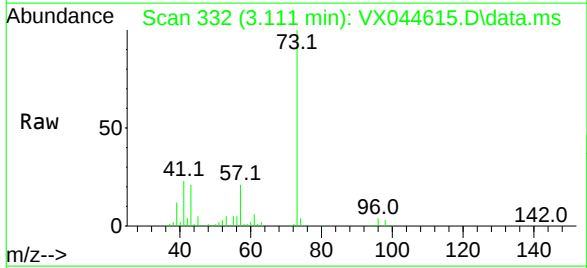
#19
Methyl tert-butyl Ether
Concen: 48.996 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 347843
Ion Ratio Lower Upper
73 100
57 20.4 17.0 25.4

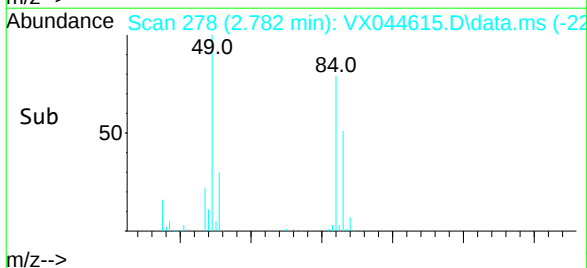
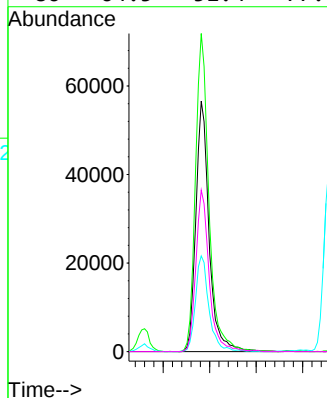
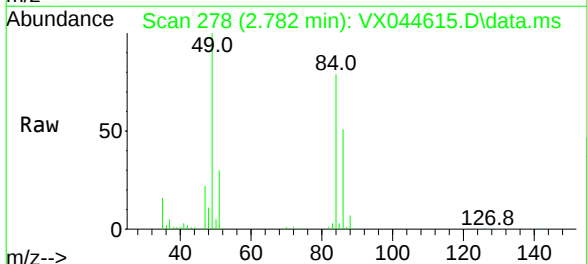
Manual Integrations
APPROVED

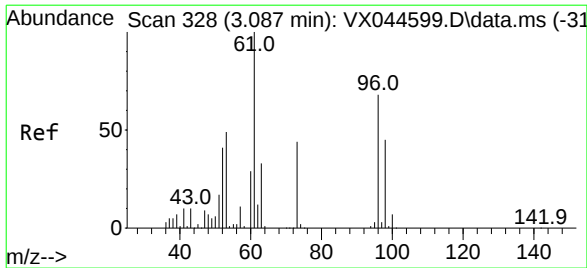
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#20
Methylene Chloride
Concen: 46.621 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion: 84 Resp: 111927
Ion Ratio Lower Upper
84 100
49 127.0 104.4 156.6
51 38.2 32.0 48.0
86 64.5 51.4 77.0





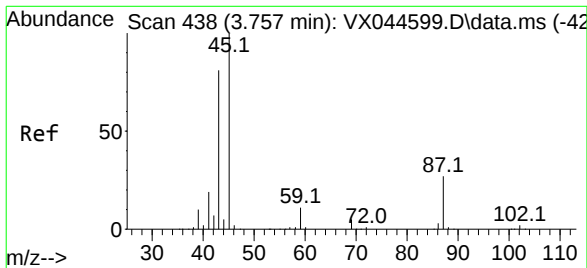
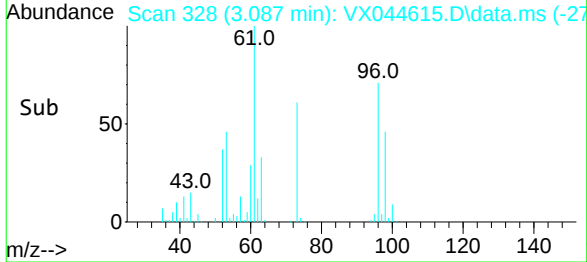
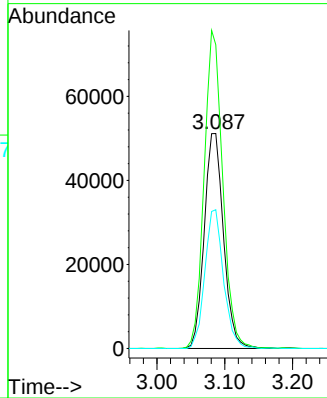
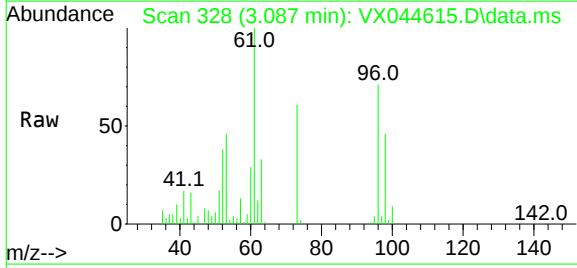
#21
trans-1,2-Dichloroethene
Concen: 47.482 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 100953
Ion Ratio Lower Upper
96 100
61 141.3 118.5 177.7
98 64.6 53.4 80.0

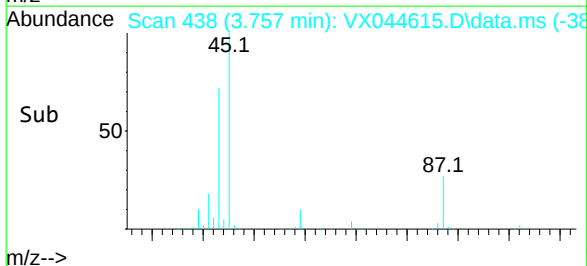
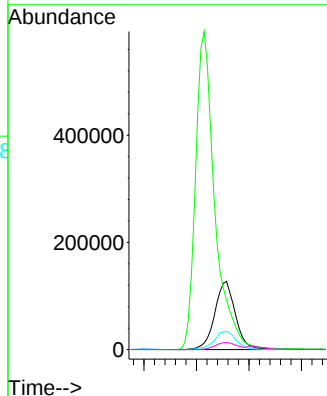
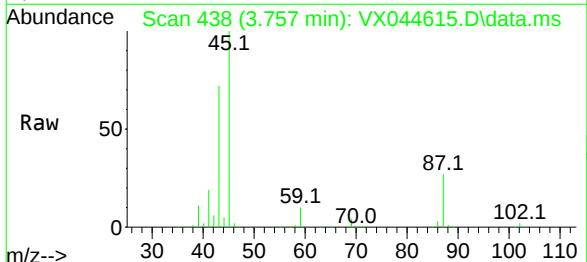
Manual Integrations
APPROVED

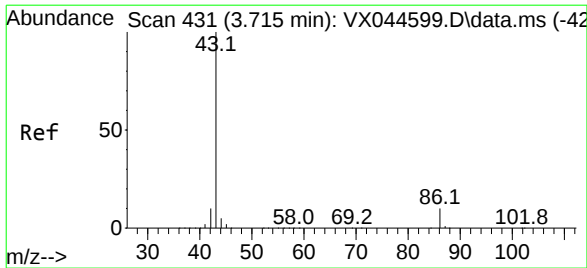
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#22
Diisopropyl ether
Concen: 49.032 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion: 45 Resp: 347271
Ion Ratio Lower Upper
45 100
43 72.2 64.6 97.0
87 26.7 21.8 32.8
59 10.4 8.6 12.8





#23

Vinyl Acetate

Concen: 265.101 ug/l

RT: 3.715 min Scan# 43

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1518295

Ion Ratio Lower Upper

43 100

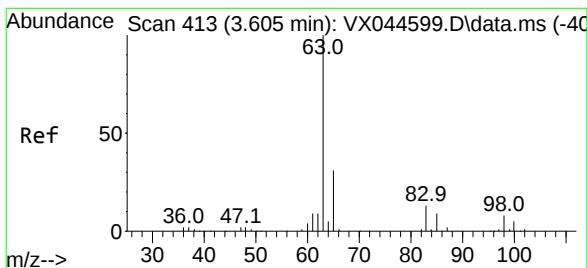
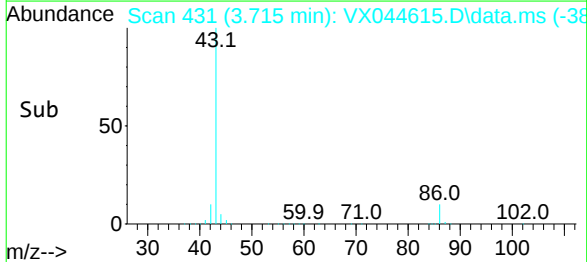
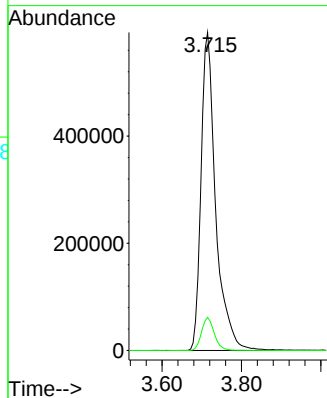
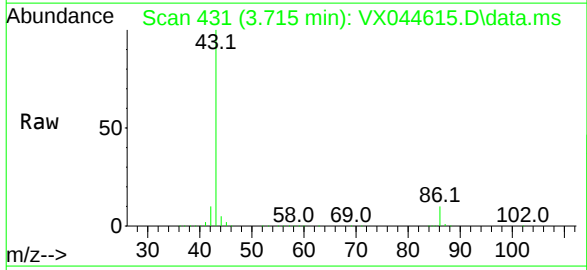
86 10.4 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#24

1,1-Dichloroethane

Concen: 48.209 ug/l

RT: 3.599 min Scan# 412

Delta R.T. -0.006 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

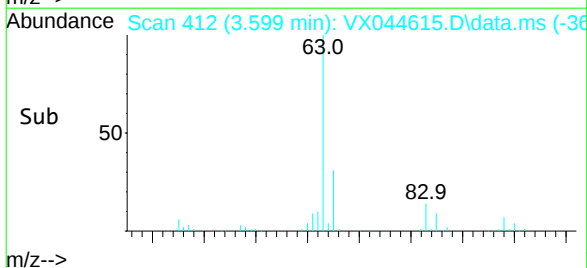
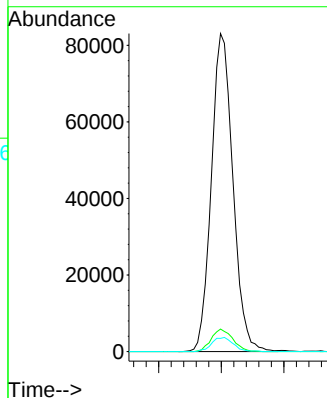
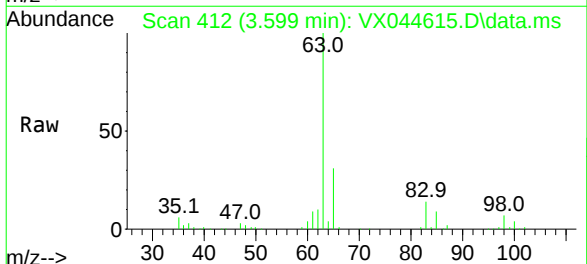
Tgt Ion: 63 Resp: 198952

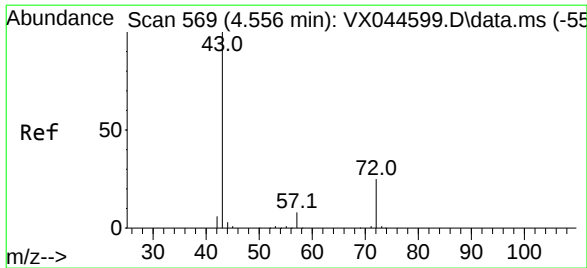
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

100 4.2 2.4 7.2





#25

2-Butanone

Concen: 275.581 ug/l

RT: 4.550 min Scan# 56

Delta R.T. -0.006 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 374323

Ion Ratio Lower Upper

43 100

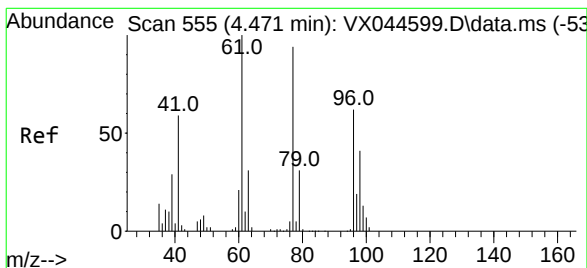
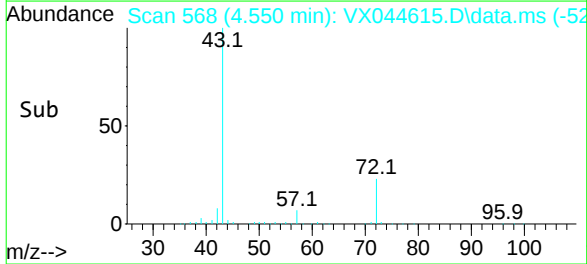
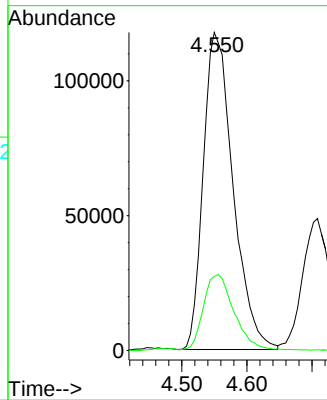
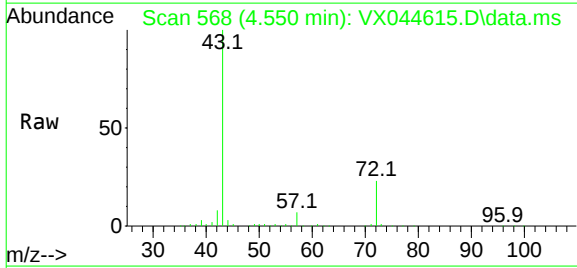
72 23.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#26

2,2-Dichloropropane

Concen: 49.307 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.006 min

Lab File: VX044615.D

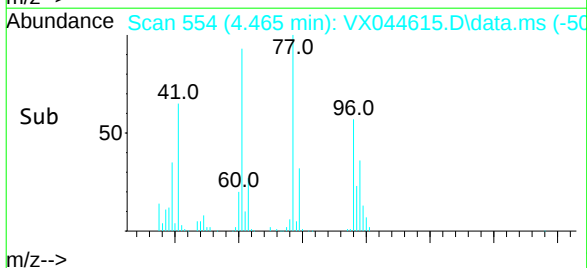
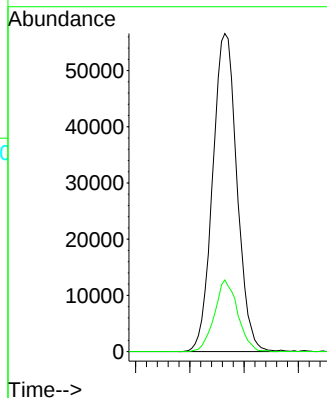
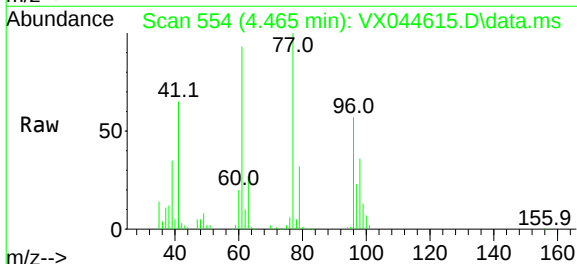
Acq: 08 Jan 2025 10:02

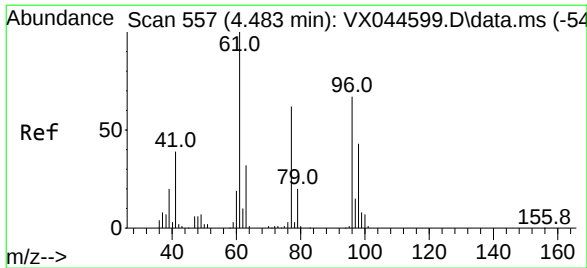
Tgt Ion: 77 Resp: 175929

Ion Ratio Lower Upper

77 100

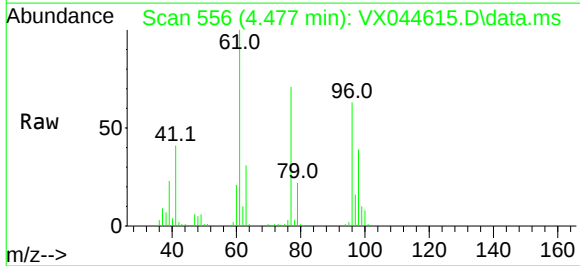
97 21.5 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 46.529 ug/l
 RT: 4.477 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VX044615.D
 Acq: 08 Jan 2025 10:02

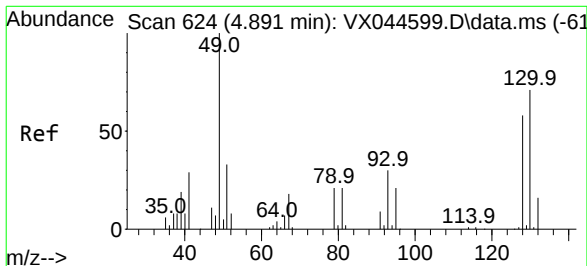
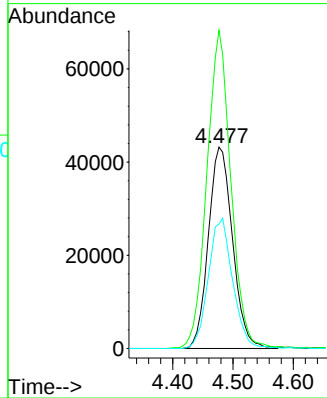
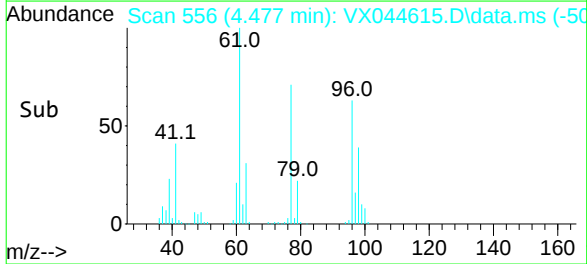
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 120628
 Ion Ratio Lower Upper
 96 100
 61 156.9 0.0 302.8
 98 64.8 0.0 130.0

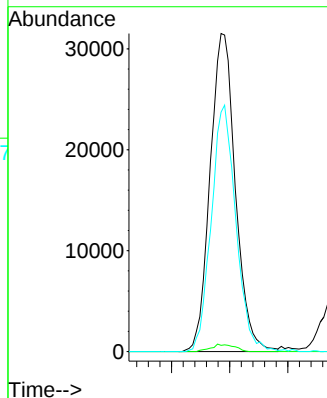
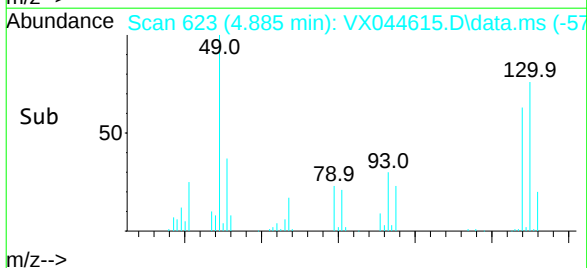
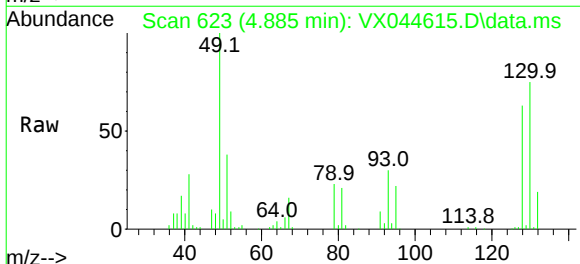
Manual Integrations
 APPROVED

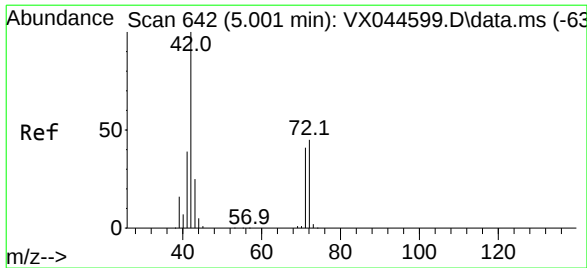
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#28
 Bromochloromethane
 Concen: 49.634 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.006 min
 Lab File: VX044615.D
 Acq: 08 Jan 2025 10:02

Tgt Ion: 49 Resp: 95347
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 75.3 58.8 88.2





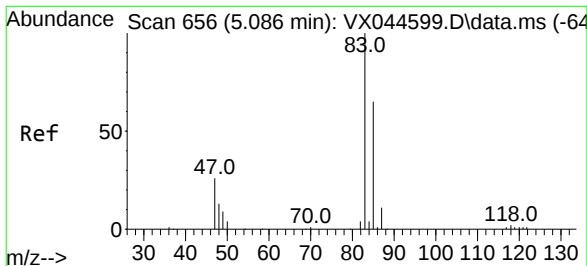
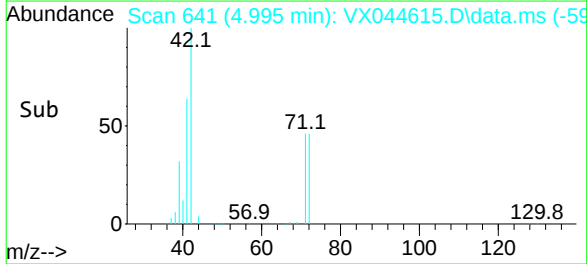
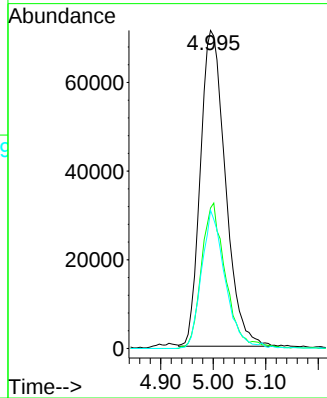
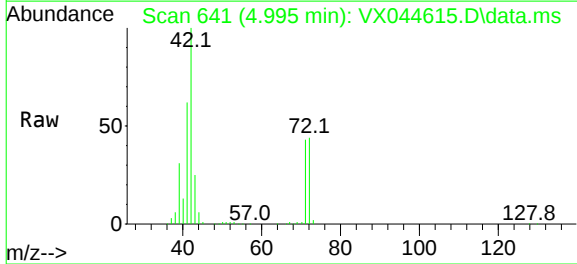
#29
Tetrahydrofuran
Concen: 253.520 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 235815
Ion Ratio Lower Upper
42 100
72 44.6 36.1 54.1
71 41.1 33.0 49.6

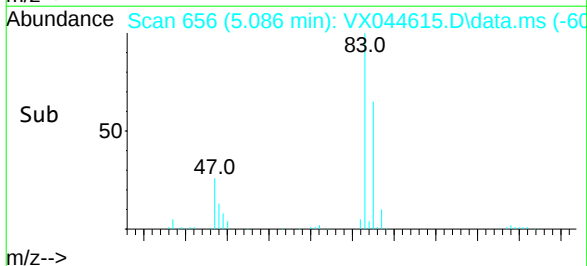
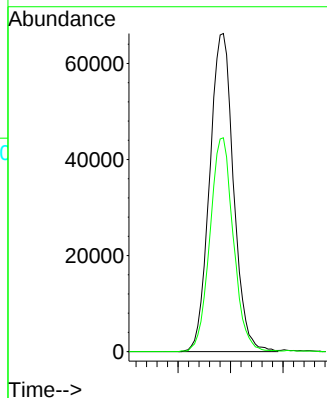
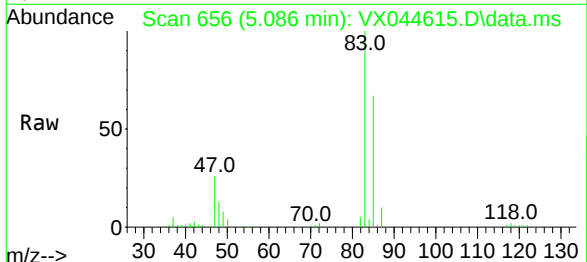
Manual Integrations
APPROVED

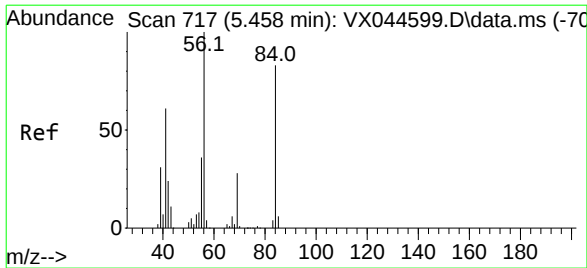
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#30
Chloroform
Concen: 47.038 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion: 83 Resp: 209270
Ion Ratio Lower Upper
83 100
85 67.2 52.3 78.5





#31

Cyclohexane

Concen: 48.733 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 165123

Ion Ratio Lower Upper

56 100

69 30.7 22.2 33.4

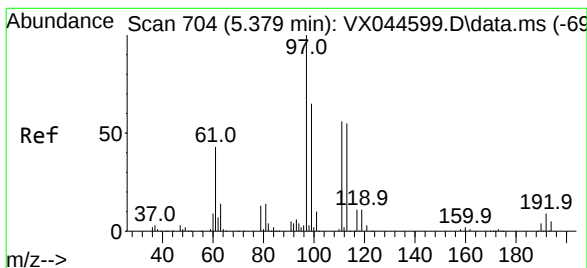
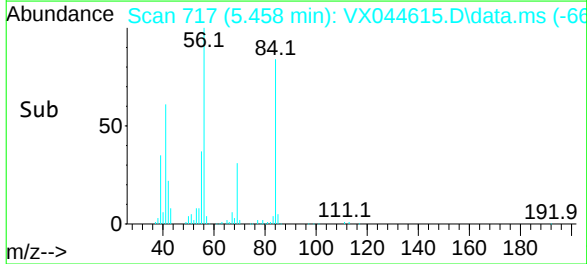
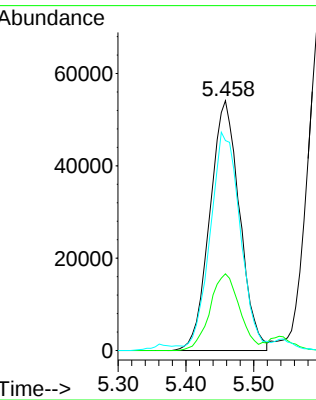
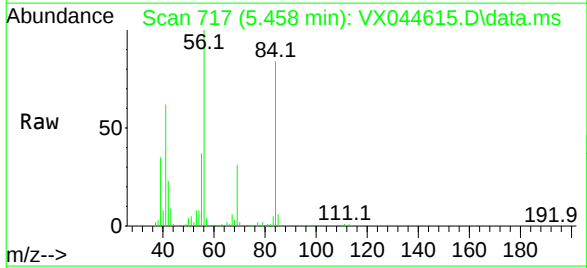
84 82.1 66.6 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#32

1,1,1-Trichloroethane

Concen: 50.413 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

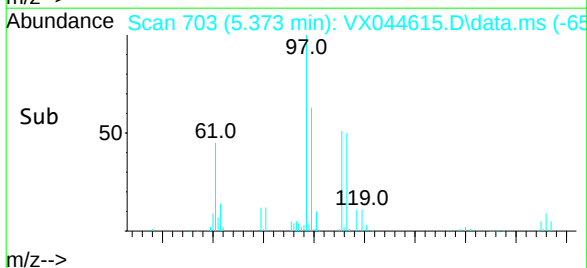
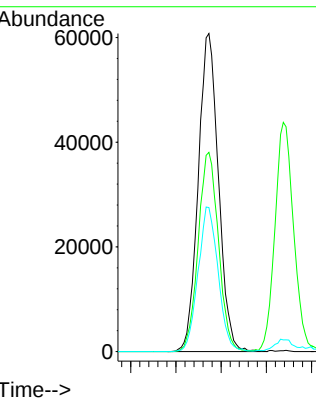
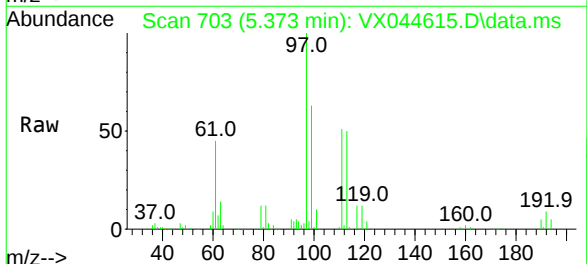
Tgt Ion: 97 Resp: 188751

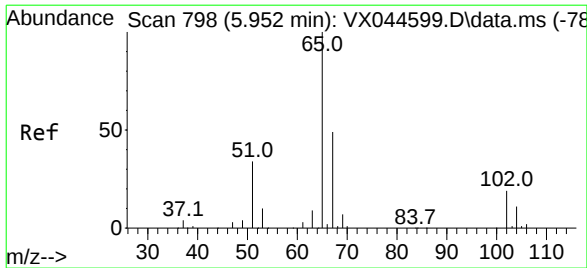
Ion Ratio Lower Upper

97 100

99 62.7 52.1 78.1

61 45.2 36.8 55.2





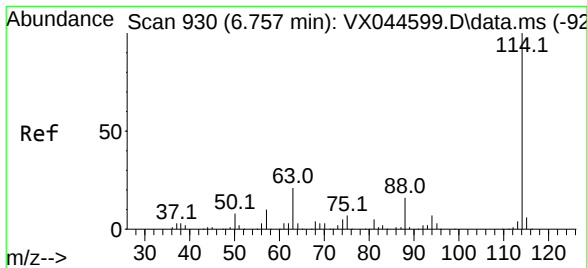
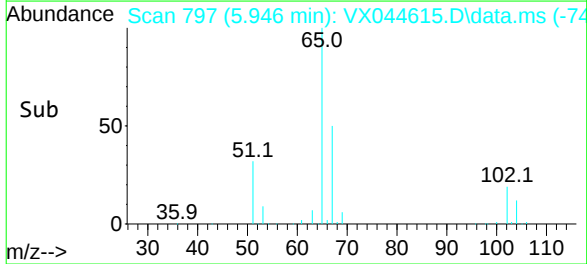
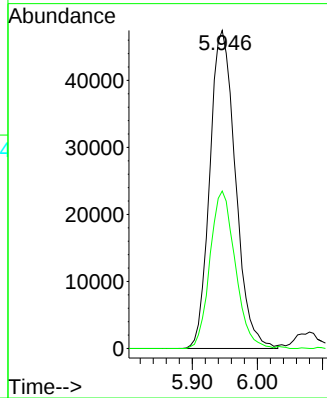
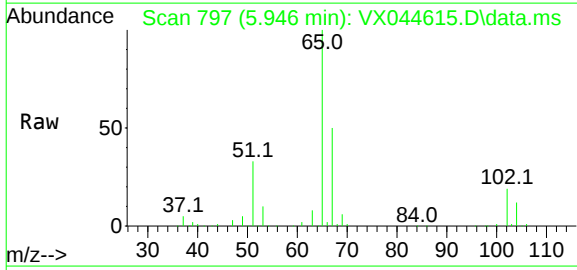
#33
1,2-Dichloroethane-d4
Concen: 43.510 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 129910
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

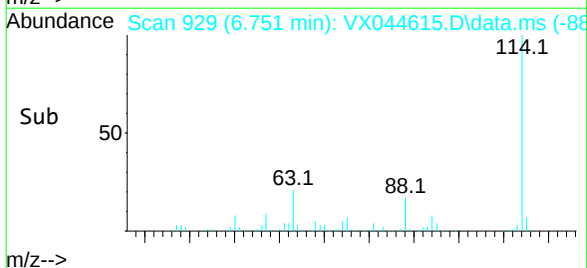
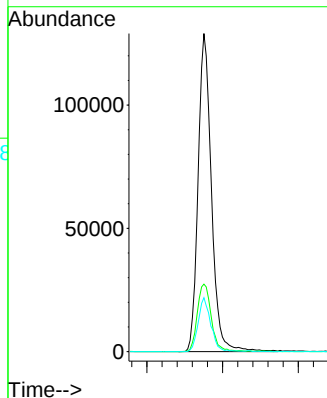
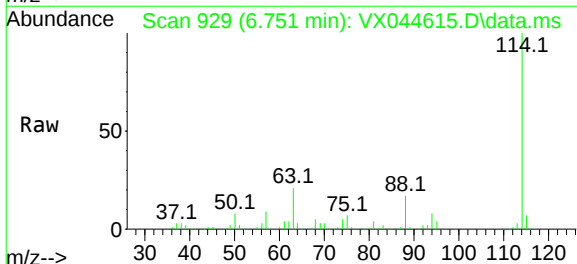
Manual Integrations
APPROVED

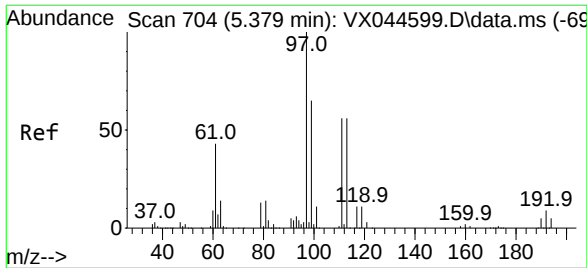
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion:114 Resp: 315703
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.6
88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 42.173 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

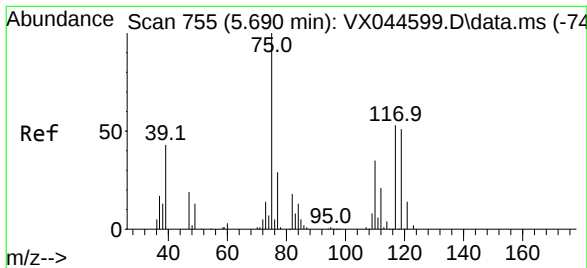
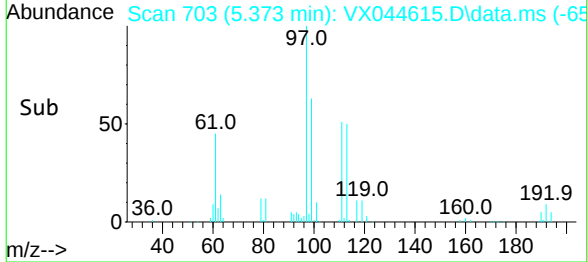
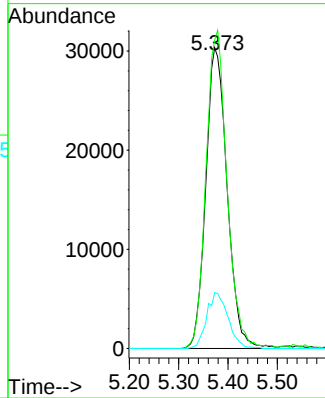
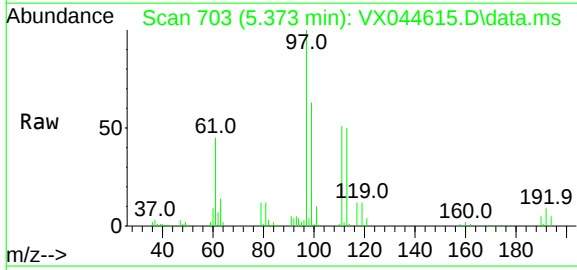
Tgt Ion:	113	Resp:	91296
Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.3	124.9
192	18.6	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#36

1,1-Dichloropropene

Concen: 48.608 ug/l

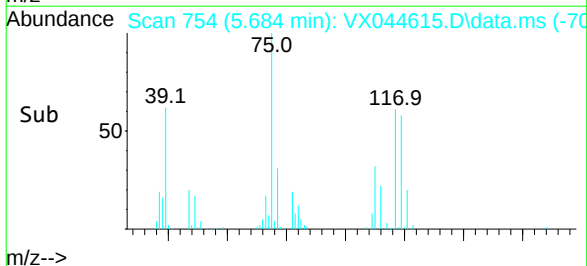
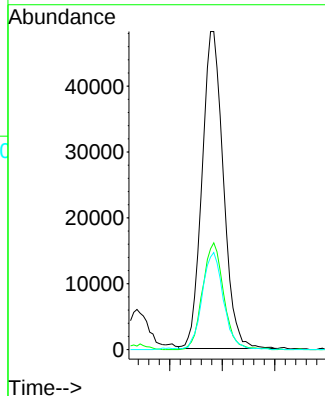
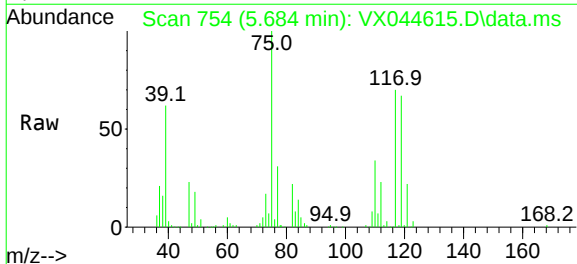
RT: 5.684 min Scan# 754

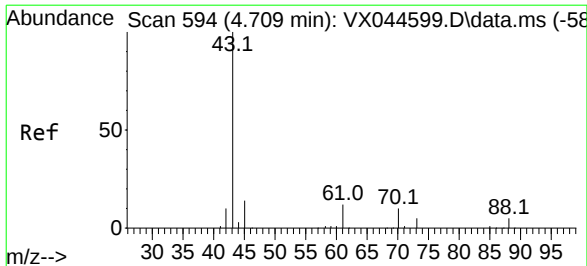
Delta R.T. -0.006 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Tgt Ion:	75	Resp:	136069
Ion	Ratio	Lower	Upper
75	100		
110	33.4	17.3	51.9
77	30.8	24.7	37.1





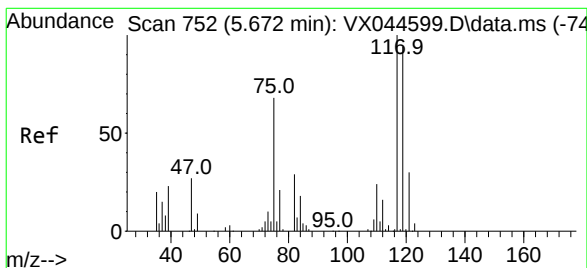
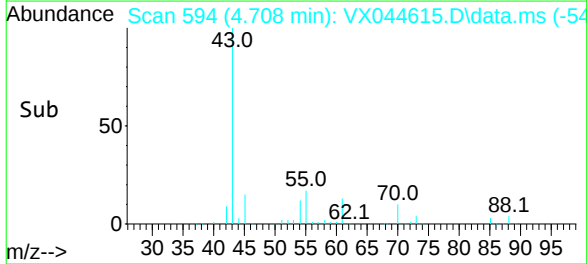
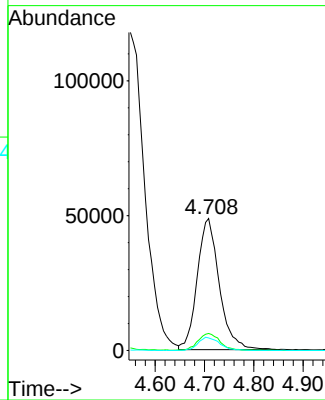
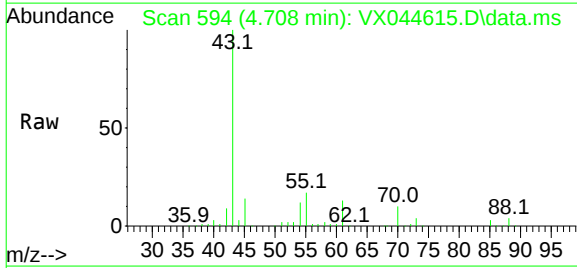
#37
Ethyl Acetate
Concen: 52.752 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.9	14.9
70	9.8	8.0	12.0

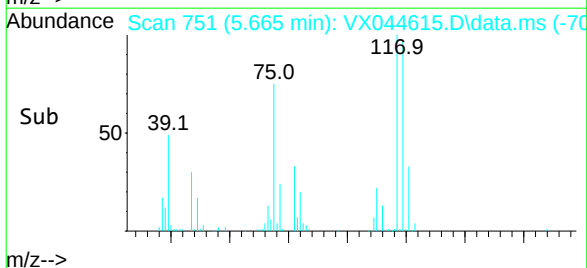
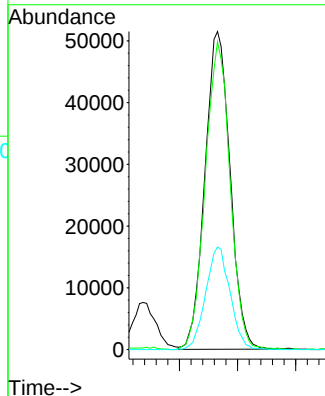
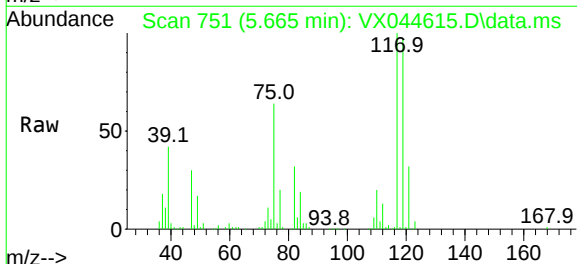
Manual Integrations
APPROVED

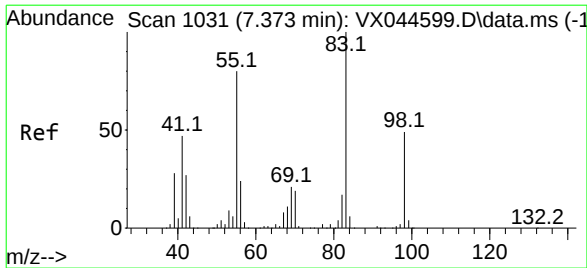
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#38
Carbon Tetrachloride
Concen: 49.817 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	74.5	111.7
121	32.3	24.1	36.1





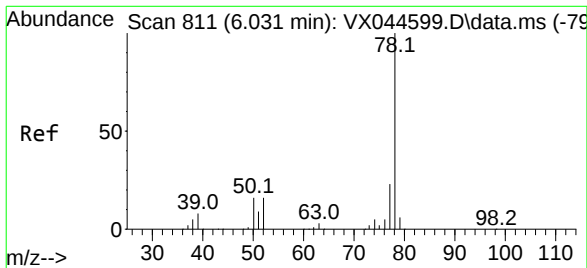
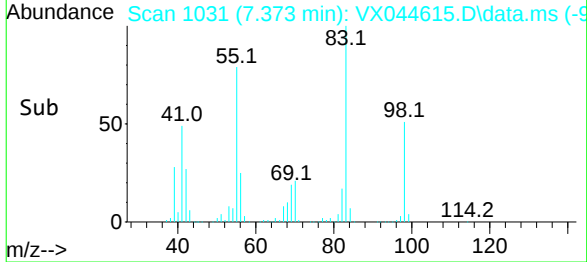
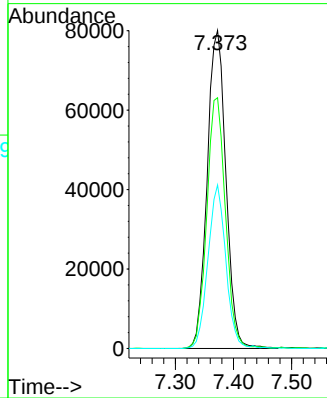
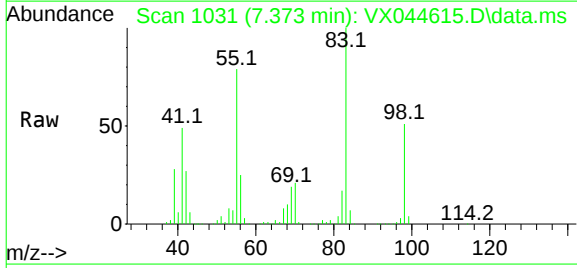
#39
Methylcyclohexane
Concen: 50.314 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 179712
Ion Ratio Lower Upper
83 100
55 78.8 64.1 96.1
98 51.4 38.9 58.3

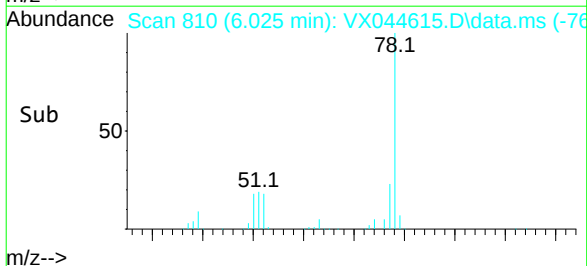
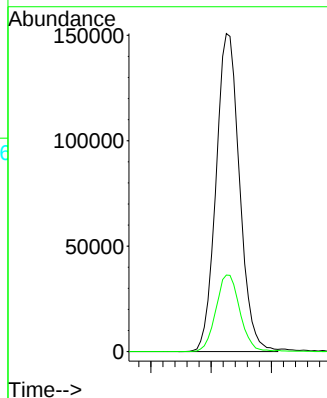
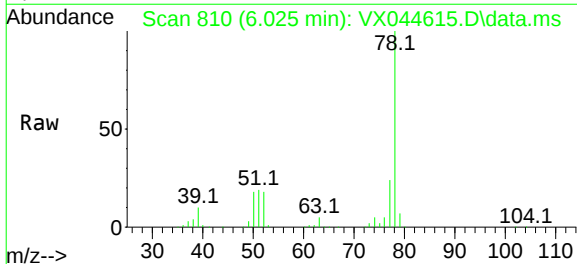
Manual Integrations
APPROVED

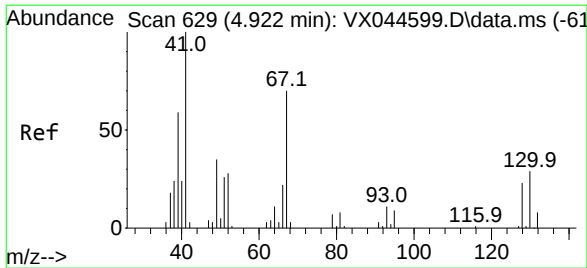
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#40
Benzene
Concen: 46.359 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion: 78 Resp: 408603
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2





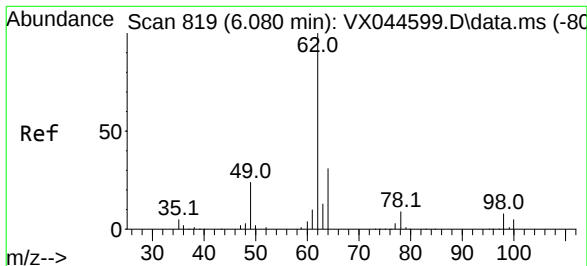
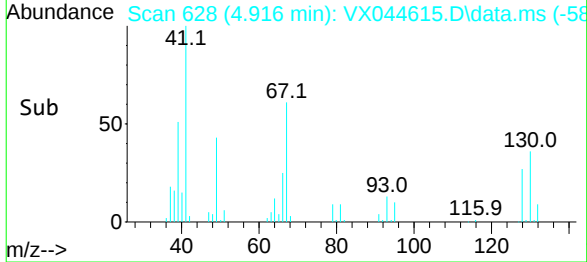
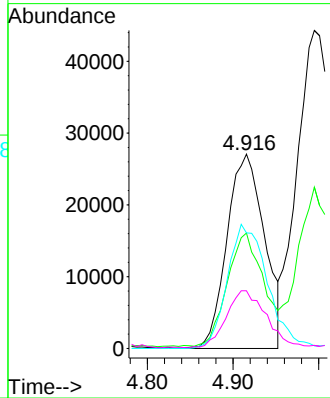
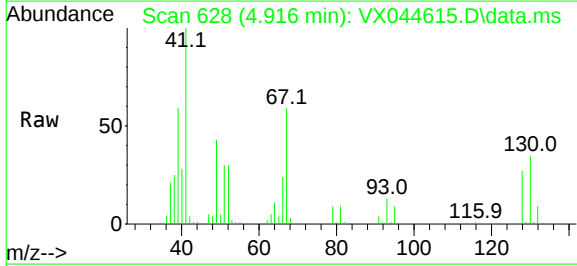
#41
Methacrylonitrile
Concen: 53.679 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	82510
Ion	Ratio	Lower	Upper
41	100		
39	56.6	47.0	70.4
67	69.1	57.4	86.2
52	31.0	25.0	37.6

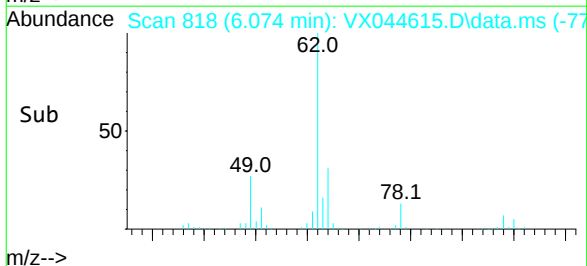
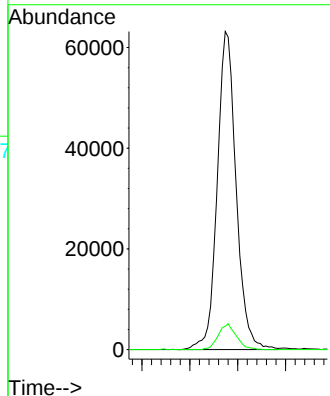
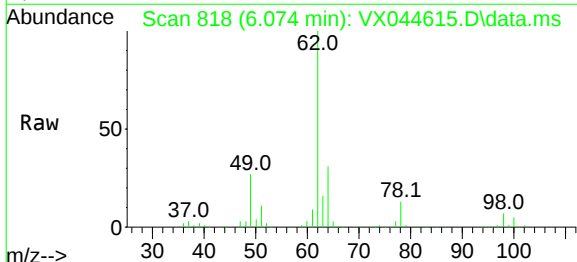
Manual Integrations
APPROVED

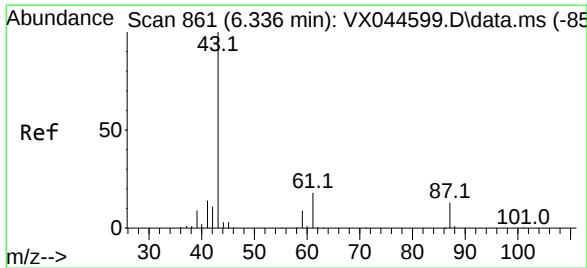
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#42
1,2-Dichloroethane
Concen: 50.284 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion:	62	Resp:	173322
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8





#43

Isopropyl Acetate

Concen: 51.627 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 243898

Ion Ratio Lower Upper

43 100

61 18.5 14.5 21.7

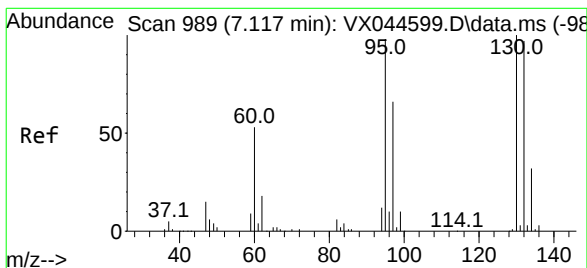
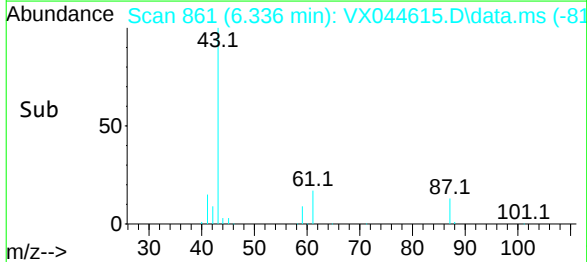
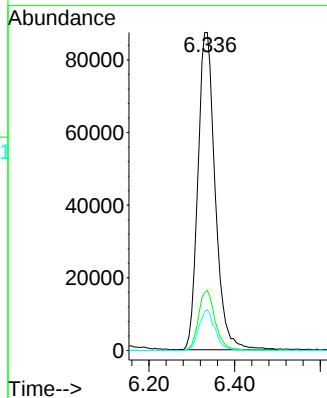
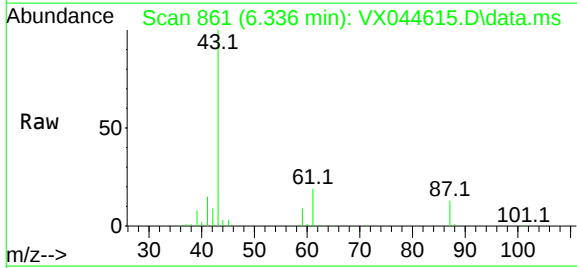
87 12.1 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#44

Trichloroethene

Concen: 44.850 ug/l

RT: 7.116 min Scan# 989

Delta R.T. -0.000 min

Lab File: VX044615.D

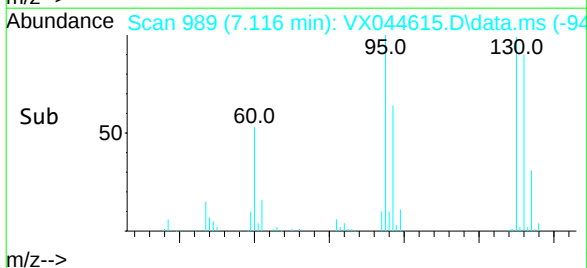
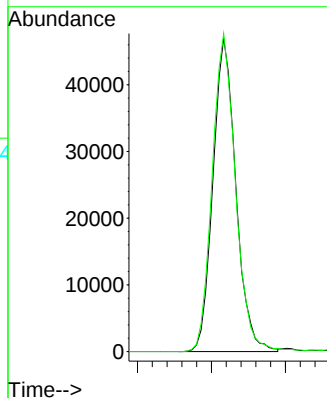
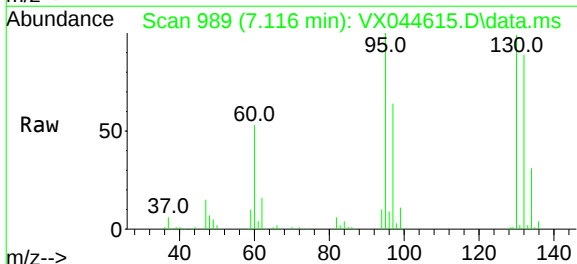
Acq: 08 Jan 2025 10:02

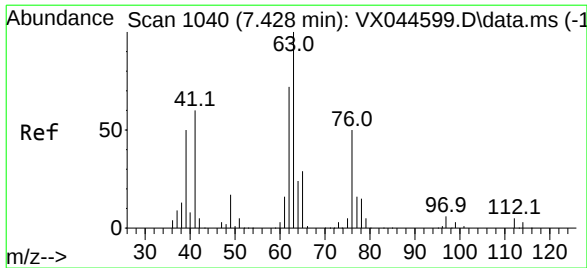
Tgt Ion:130 Resp: 101048

Ion Ratio Lower Upper

130 100

95 101.5 0.0 195.6





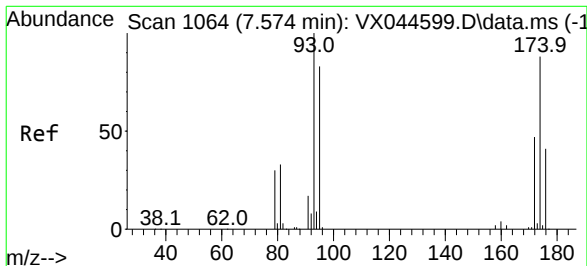
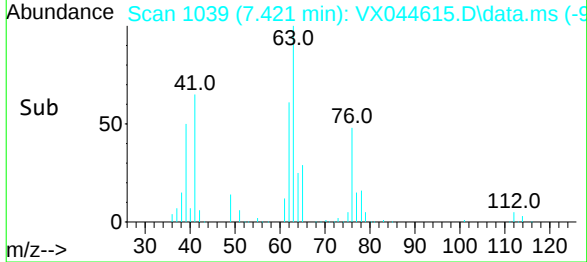
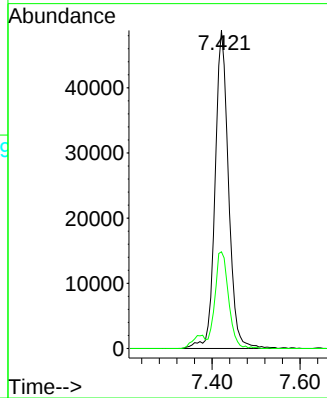
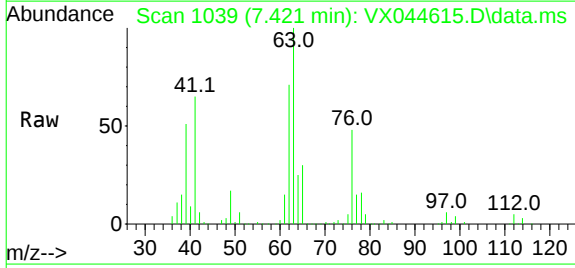
#45
1,2-Dichloropropane
Concen: 48.301 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 103793
Ion Ratio Lower Upper
63 100
65 30.4 23.0 34.4

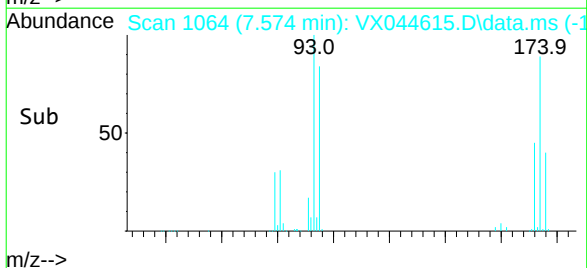
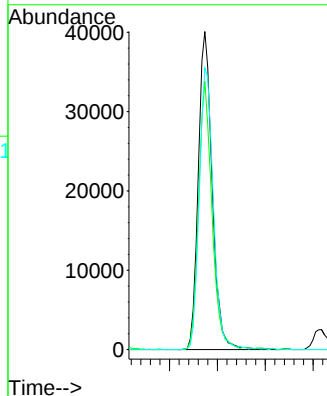
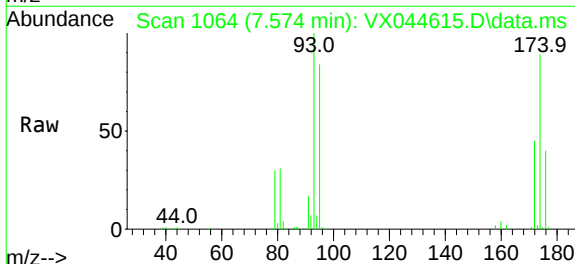
Manual Integrations
APPROVED

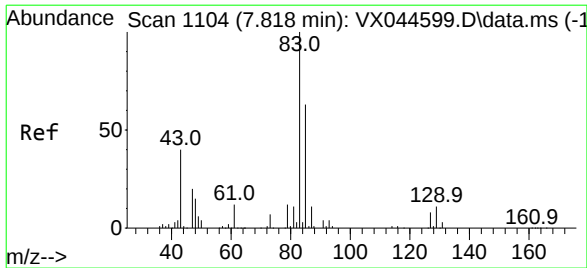
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#46
Dibromomethane
Concen: 48.482 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion: 93 Resp: 81024
Ion Ratio Lower Upper
93 100
95 80.9 65.8 98.6
174 88.8 73.4 110.0





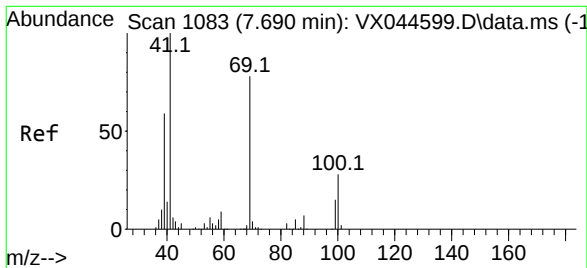
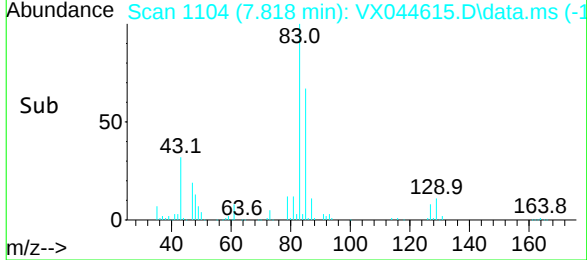
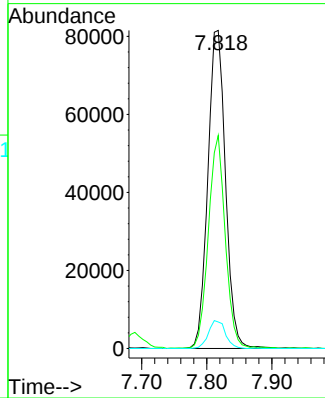
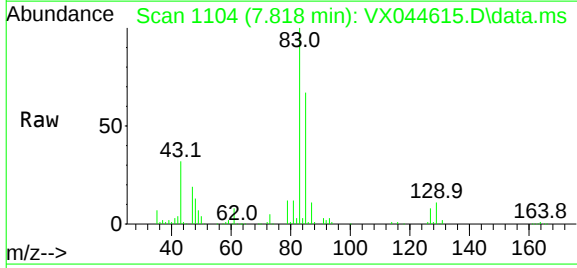
#47
Bromodichloromethane
Concen: 50.569 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 153791
Ion Ratio Lower Upper
83 100
85 66.8 50.4 75.6
127 8.3 6.2 9.4

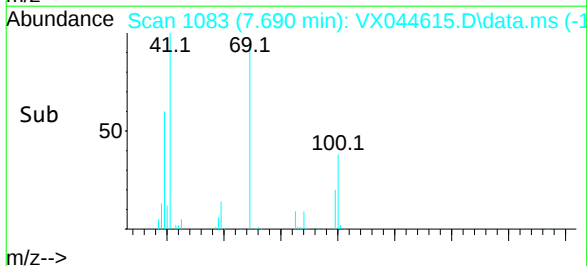
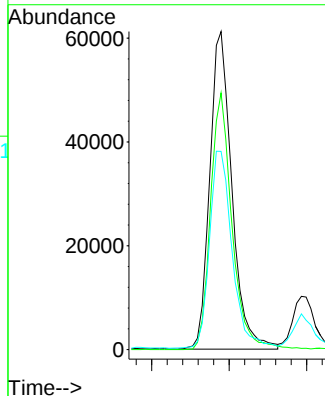
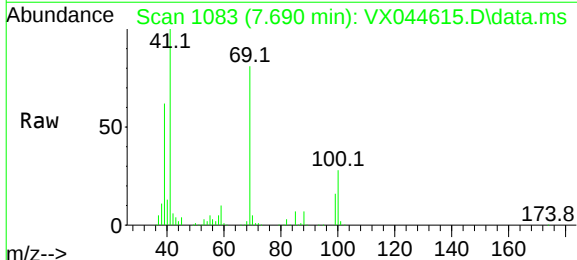
Manual Integrations
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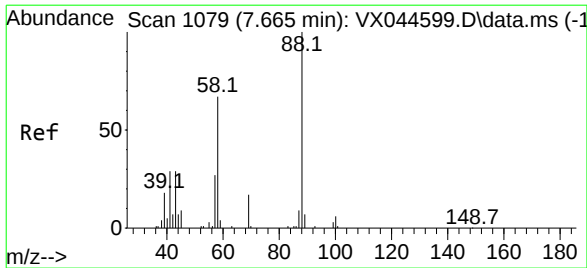
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#48
Methyl methacrylate
Concen: 53.813 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

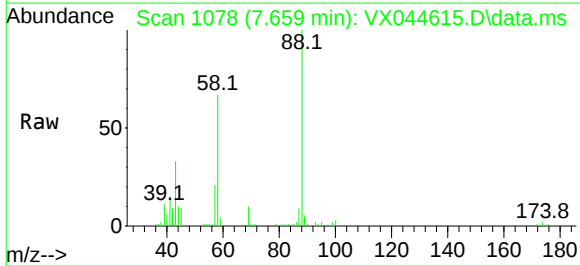
Tgt Ion: 41 Resp: 121255
Ion Ratio Lower Upper
41 100
69 78.6 62.9 94.3
39 63.5 48.9 73.3





#49
1,4-Dioxane
Concen: 997.714 ug/l
RT: 7.659 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

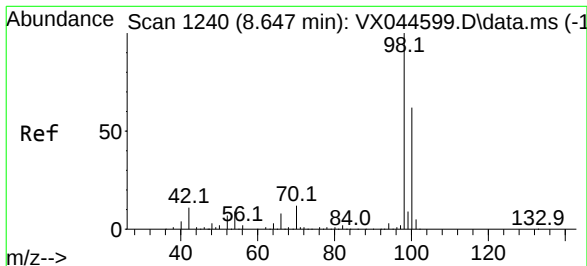
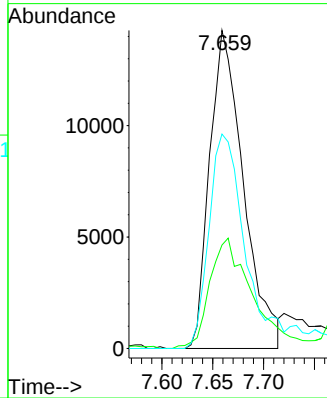
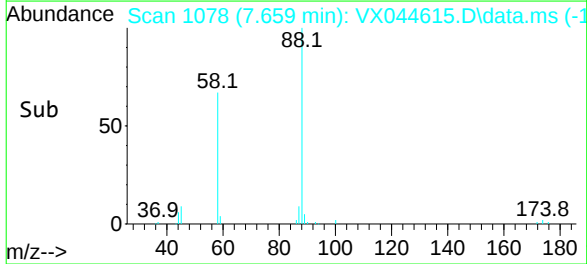
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 33036
Ion Ratio Lower Upper
88 100
43 43.8 29.5 44.3
58 75.1 56.3 84.5

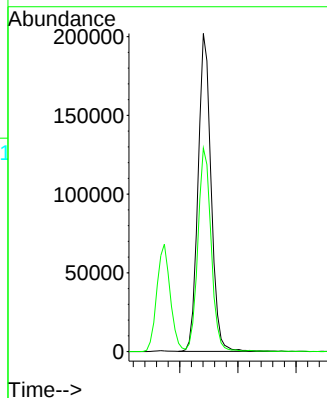
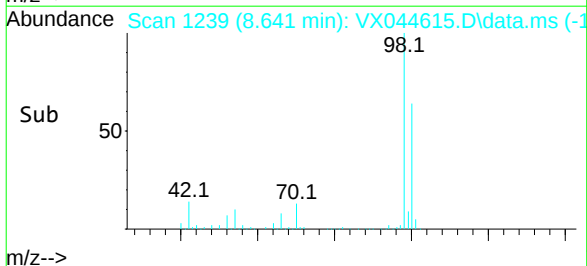
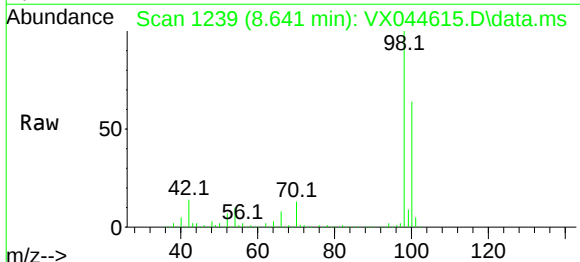
Manual Integrations
APPROVED

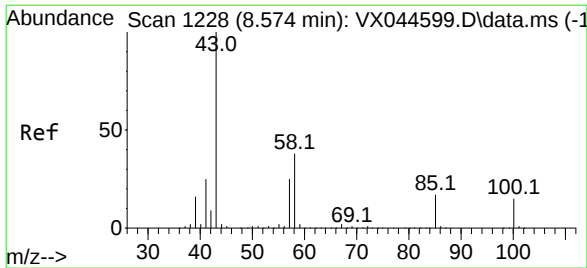
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#50
Toluene-d8
Concen: 42.405 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion: 98 Resp: 313570
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7





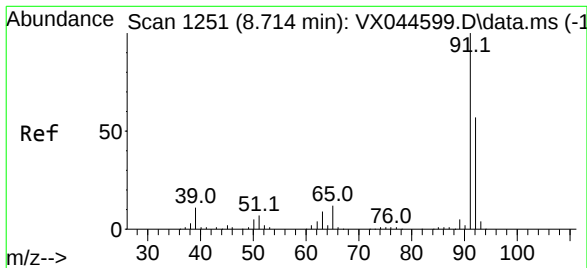
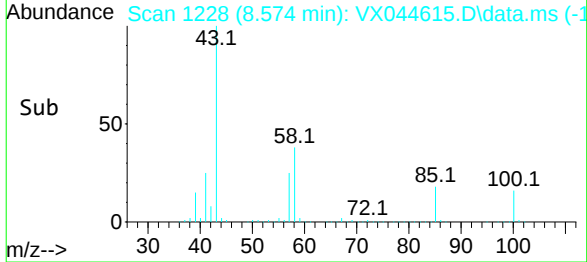
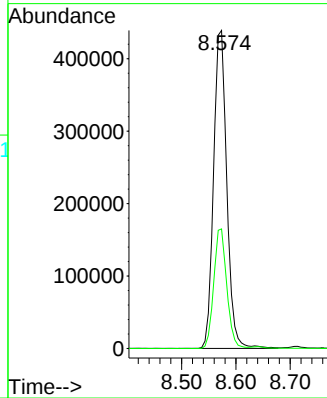
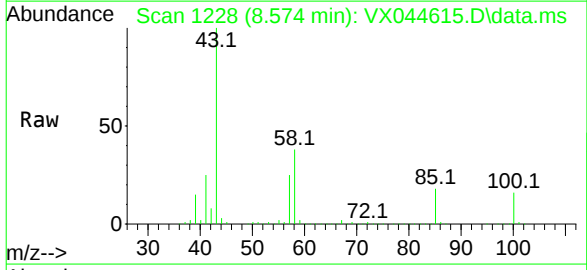
#51
4-Methyl-2-Pentanone
Concen: 269.257 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 743580
Ion Ratio Lower Upper
43 100
58 37.0 30.0 45.0

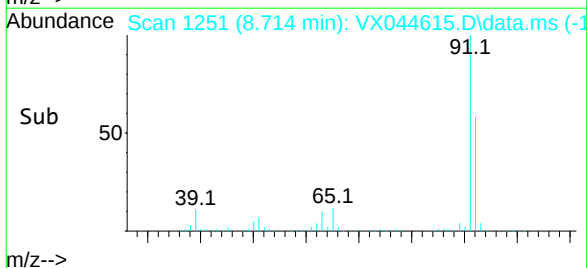
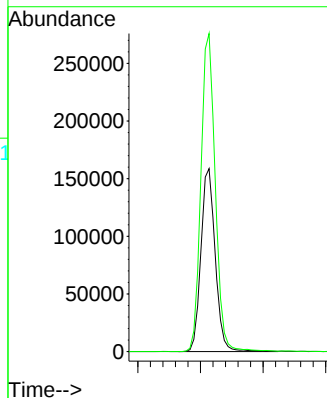
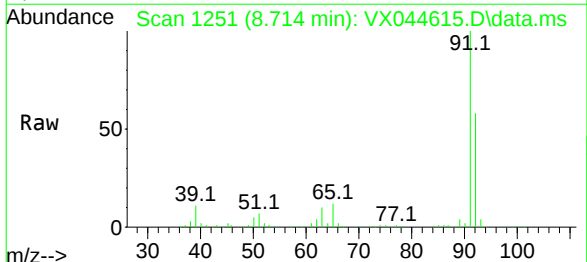
Manual Integrations
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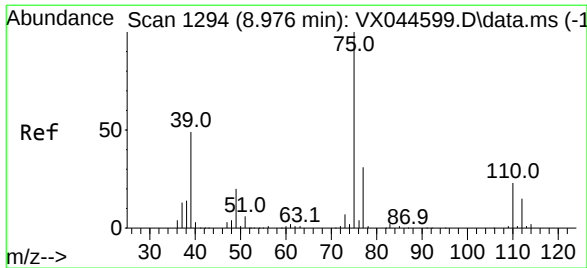
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#52
Toluene
Concen: 47.488 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

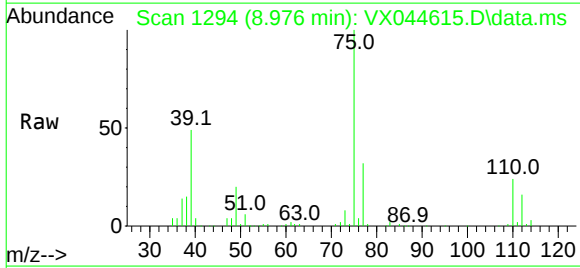
Tgt Ion: 92 Resp: 252542
Ion Ratio Lower Upper
92 100
91 174.1 140.6 210.8





#53
t-1,3-Dichloropropene
Concen: 51.255 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

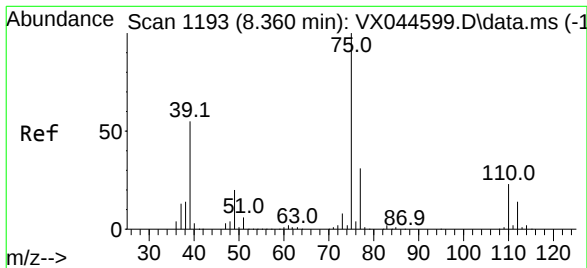
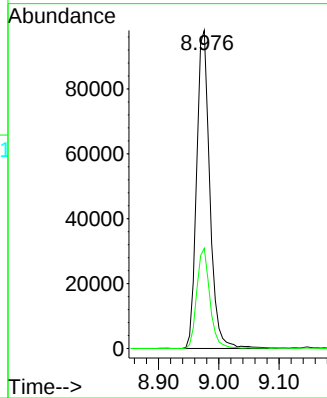
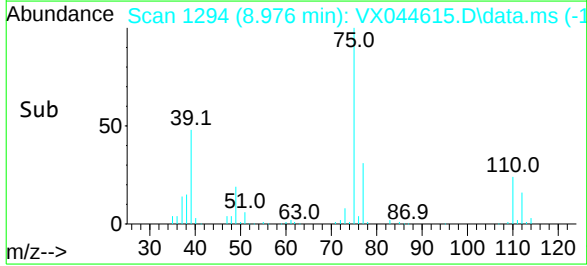
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



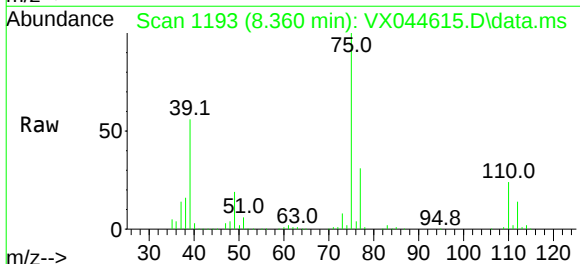
Tgt Ion: 75 Resp: 148998
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2

Manual Integrations
APPROVED

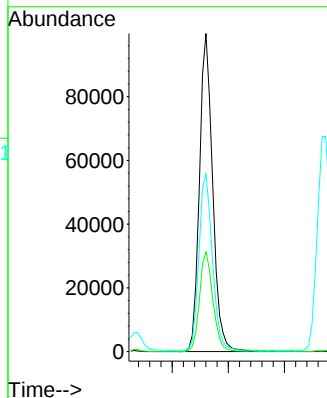
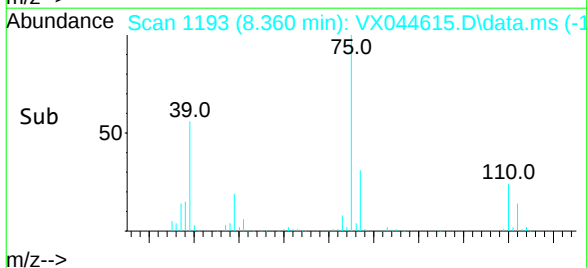
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

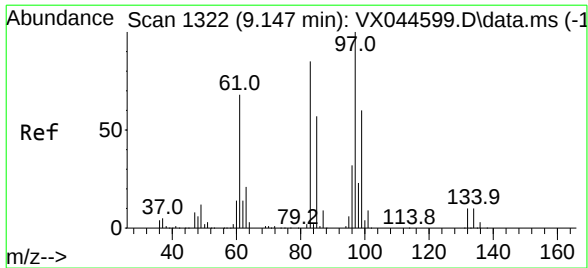


#54
cis-1,3-Dichloropropene
Concen: 50.054 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02



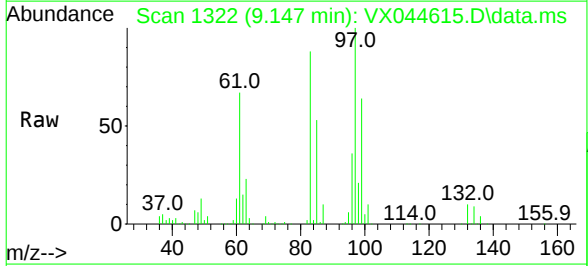
Tgt Ion: 75 Resp: 163532
Ion Ratio Lower Upper
75 100
77 31.3 24.5 36.7
39 55.7 44.3 66.5





#55
1,1,2-Trichloroethane
Concen: 46.999 ug/l
RT: 9.147 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

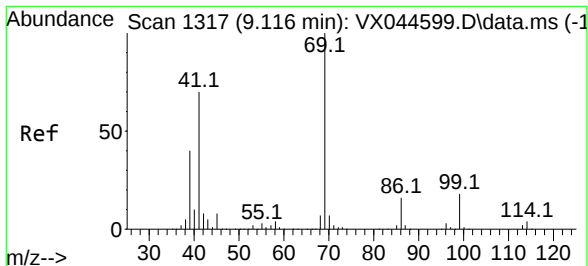
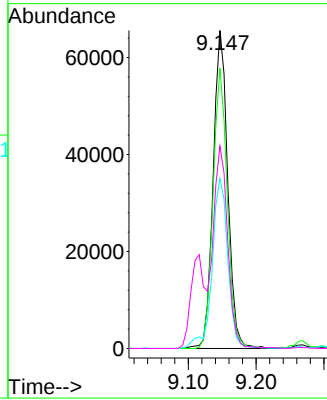
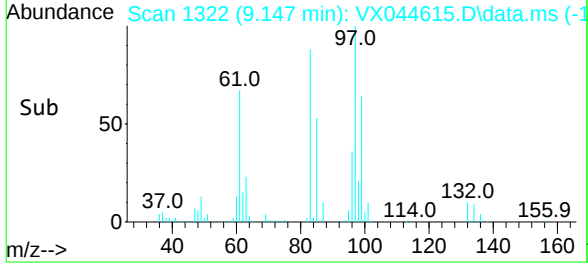
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



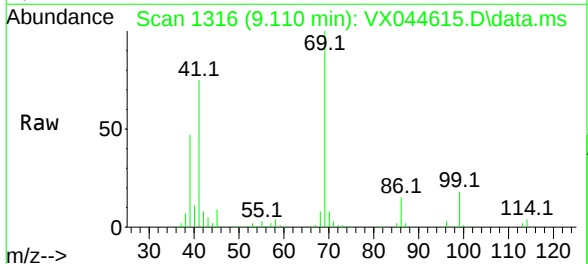
Tgt Ion:	97	Resp:	97985
Ion	Ratio	Lower	Upper
97	100		
83	88.1	68.0	102.0
85	53.5	45.4	68.0
99	63.5	48.4	72.6

Manual Integrations
APPROVED

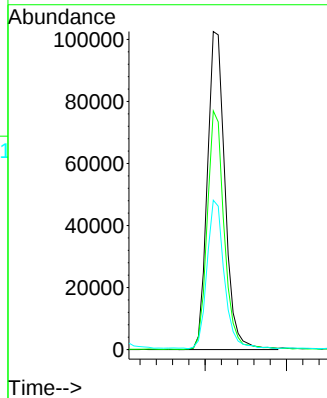
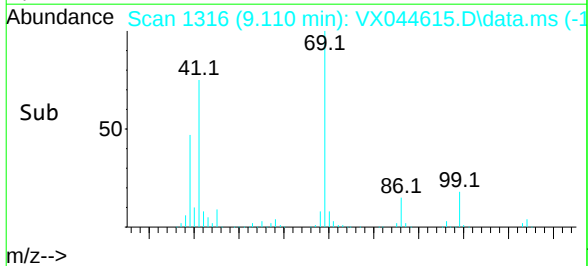
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

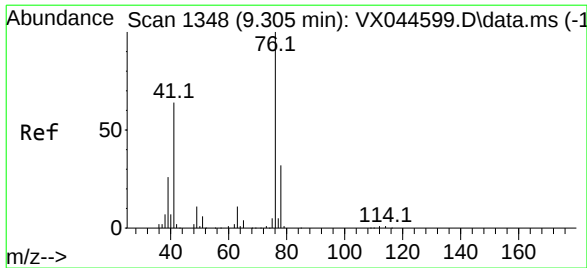


#56
Ethyl methacrylate
Concen: 50.898 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02



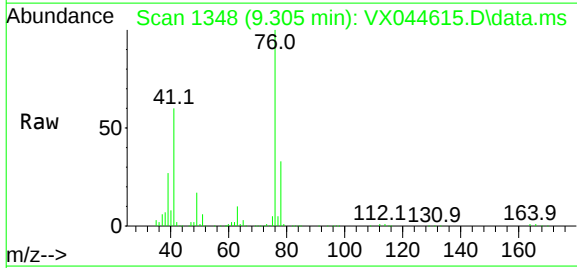
Tgt Ion:	69	Resp:	154322
Ion	Ratio	Lower	Upper
69	100		
41	72.4	57.7	86.5
39	45.8	33.7	50.5





#57
1,3-Dichloropropane
Concen: 48.858 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

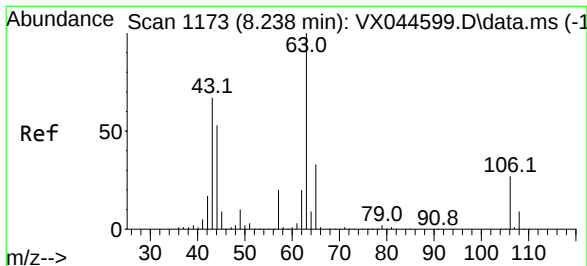
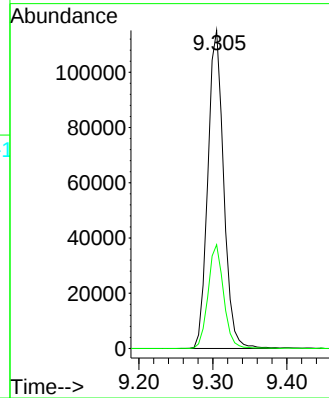
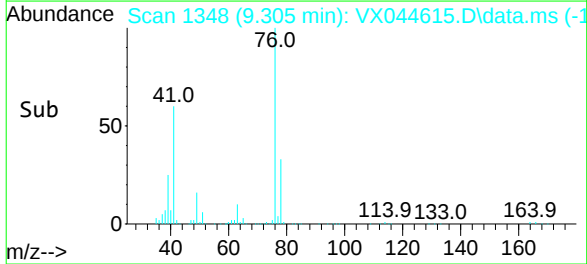
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 171049
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.8

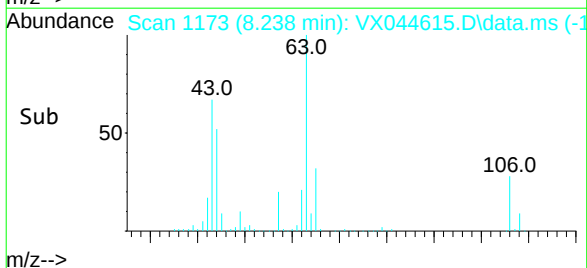
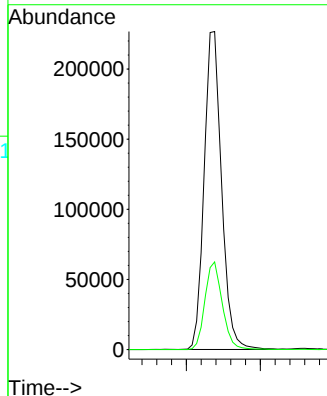
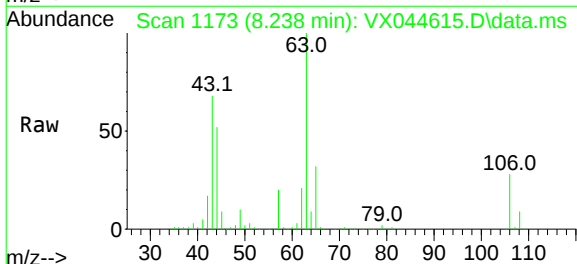
Manual Integrations
APPROVED

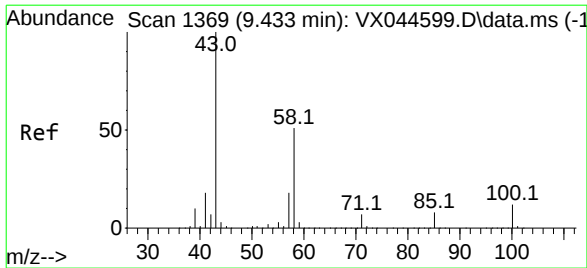
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#58
2-Chloroethyl Vinyl ether
Concen: 247.074 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion: 63 Resp: 371376
Ion Ratio Lower Upper
63 100
106 27.5 22.4 33.6





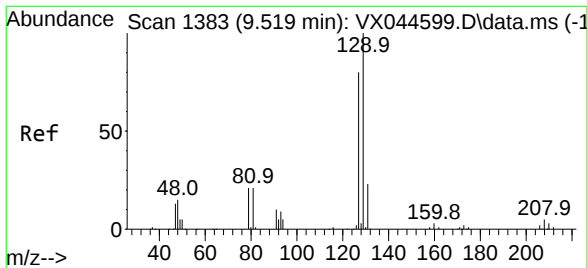
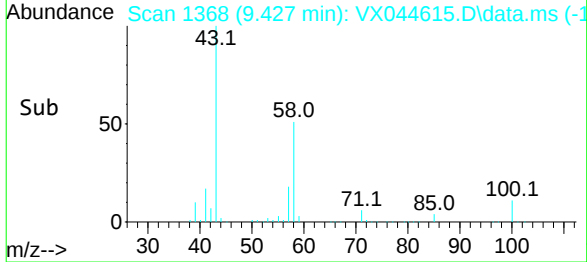
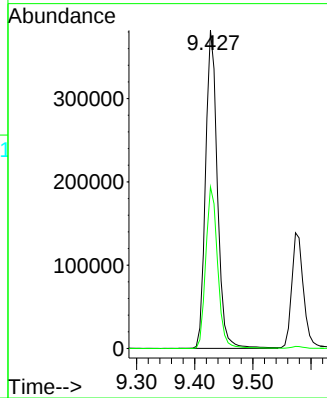
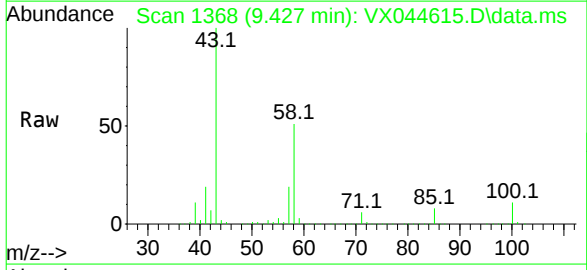
#59
2-Hexanone
Concen: 275.949 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 538943
Ion Ratio Lower Upper
43 100
58 51.3 25.4 76.4

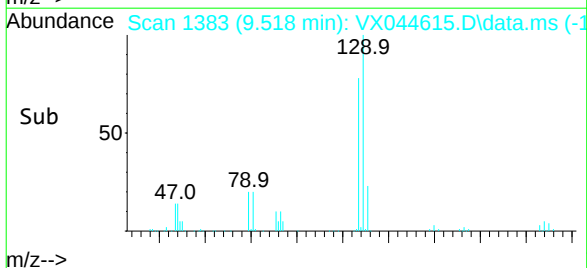
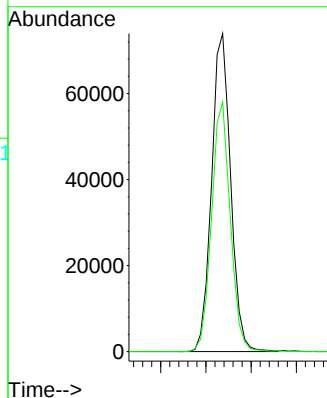
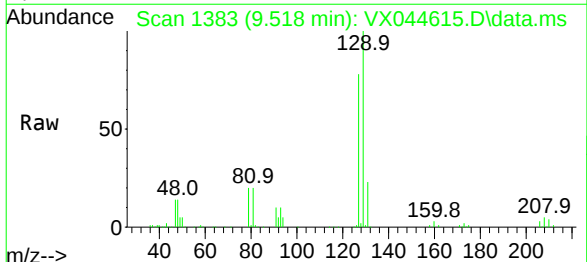
Manual Integrations
APPROVED

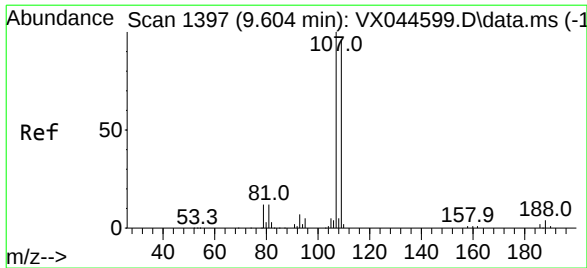
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#60
Dibromochloromethane
Concen: 52.136 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion:129 Resp: 108381
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





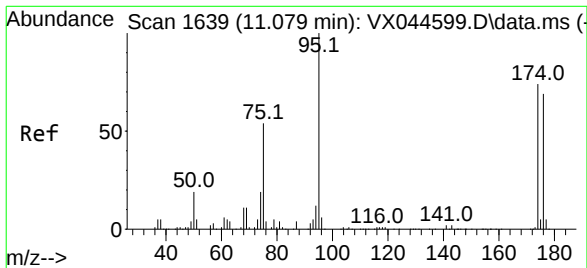
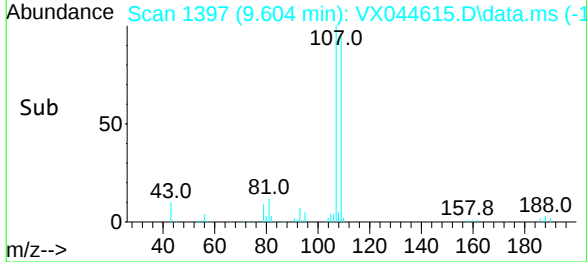
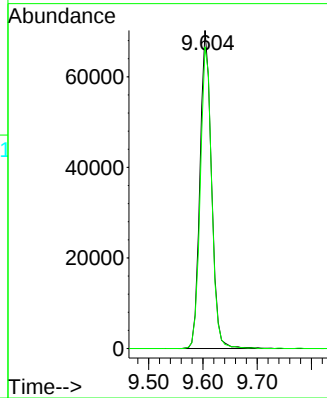
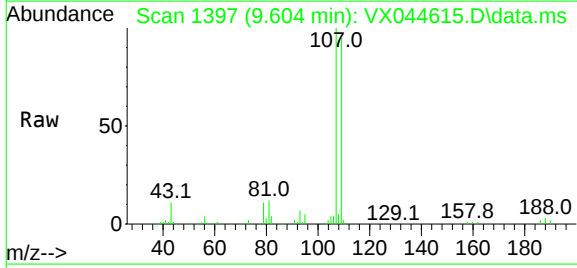
#61
1,2-Dibromoethane
Concen: 49.059 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 103298
Ion Ratio Lower Upper
107 100
109 94.4 76.7 115.1

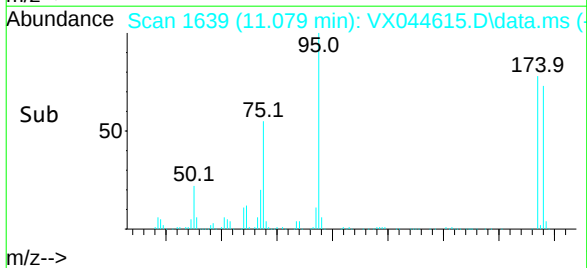
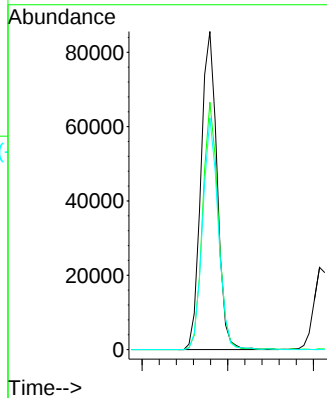
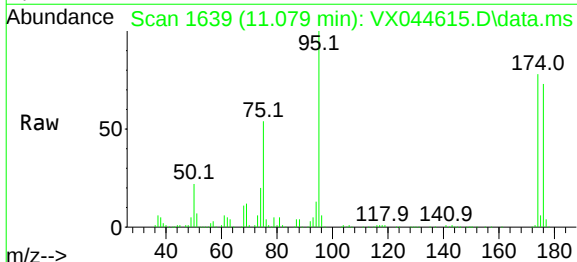
Manual Integrations
APPROVED

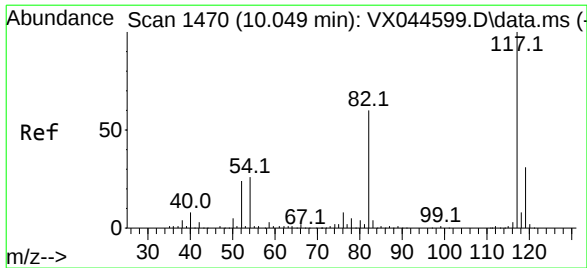
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#62
4-Bromofluorobenzene
Concen: 42.895 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion: 95 Resp: 111957
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.8
176 70.5 0.0 139.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

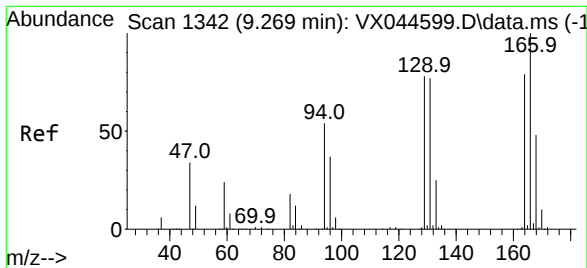
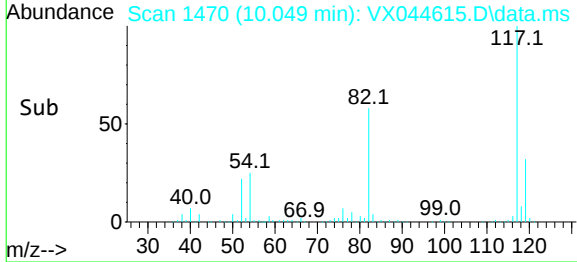
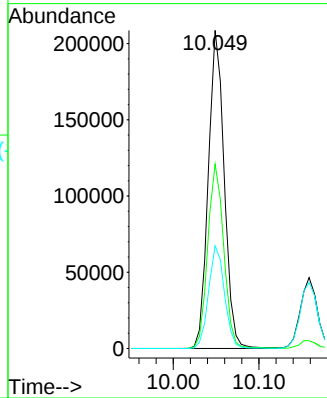
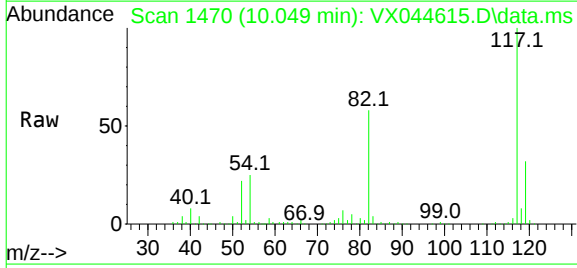
Tgt Ion:	117	Resp:	269260
Ion Ratio	Lower	Upper	
117	100		
82	58.0	47.8	71.6
119	32.3	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#64

Tetrachloroethene

Concen: 46.689 ug/l

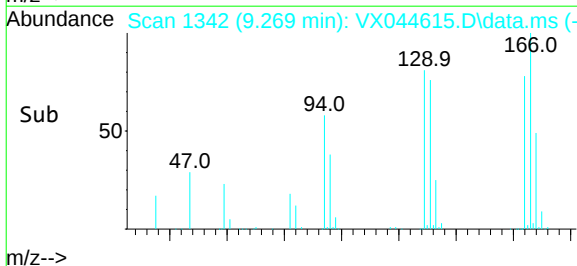
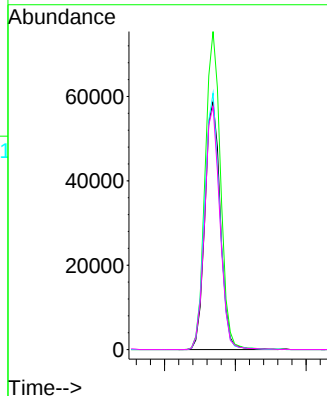
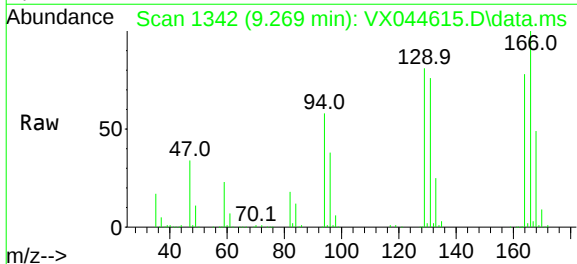
RT: 9.269 min Scan# 1342

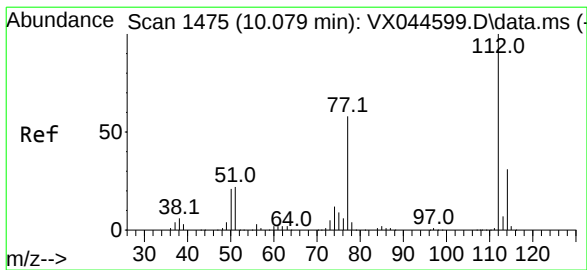
Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Tgt Ion:	164	Resp:	88884
Ion Ratio	Lower	Upper	
164	100		
166	128.3	101.5	152.3
129	103.5	78.9	118.3
131	98.1	77.9	116.9





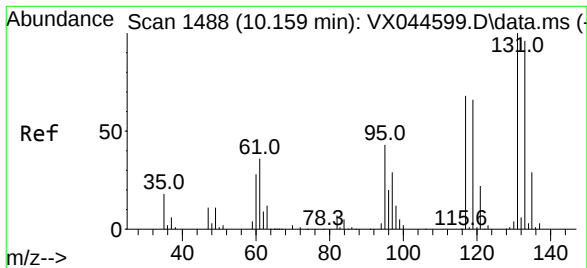
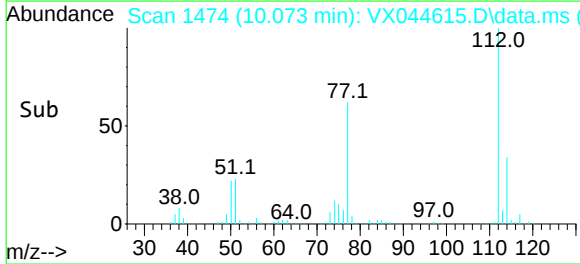
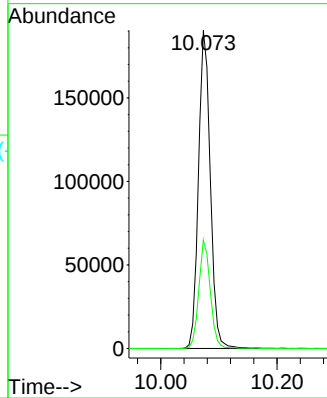
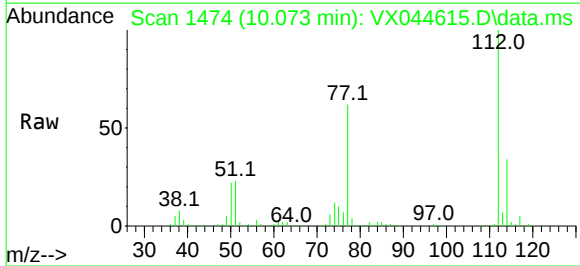
#65
Chlorobenzene
Concen: 47.069 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 268985
Ion Ratio Lower Upper
112 100
114 34.1 25.0 37.4

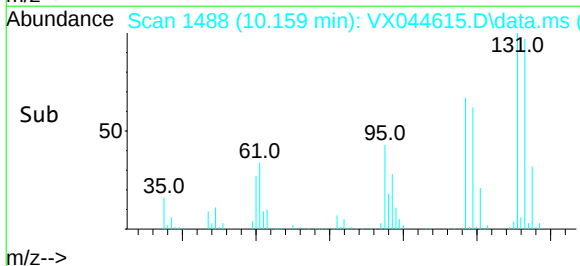
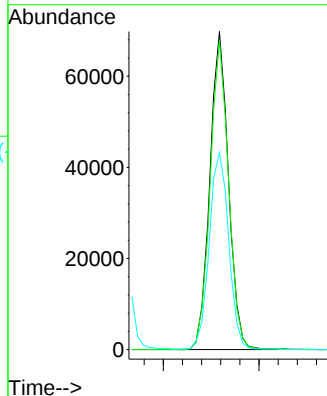
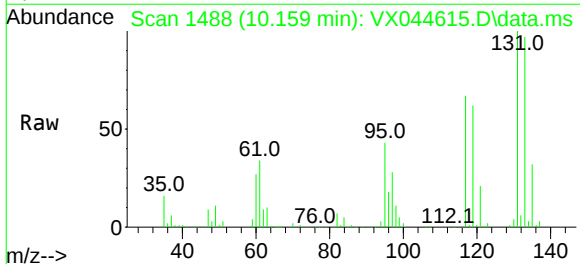
Manual Integrations
APPROVED

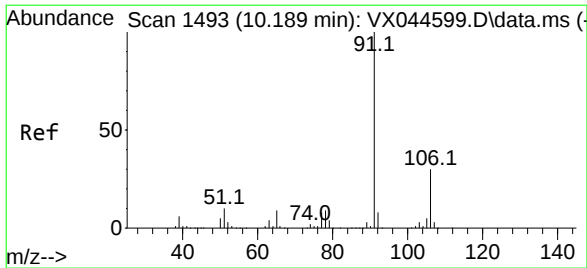
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.517 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion:131 Resp: 93984
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.0
119 65.2 32.8 98.4





#67

Ethyl Benzene

Concen: 48.793 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 478826

Ion Ratio Lower Upper

91 100

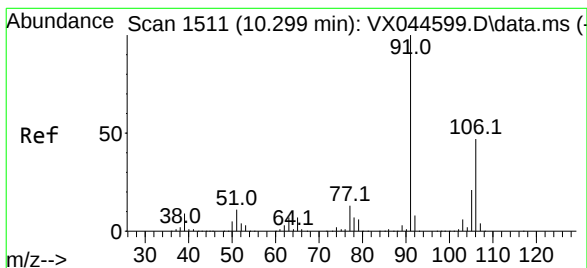
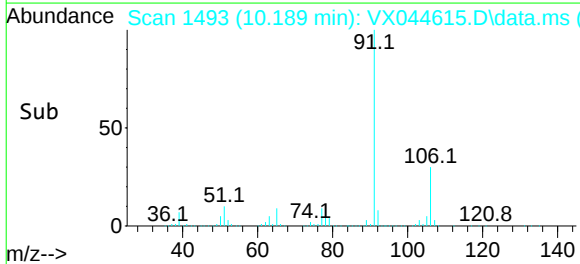
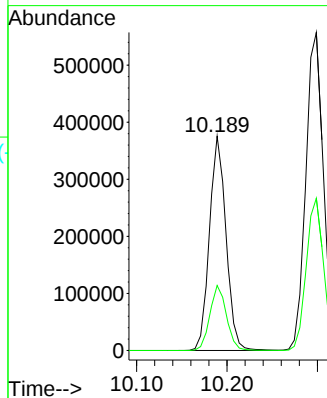
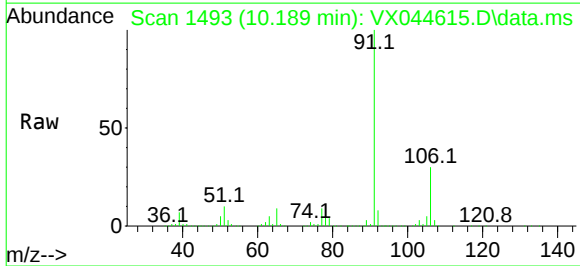
106 30.3 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#68

m/p-Xylenes

Concen: 99.345 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044615.D

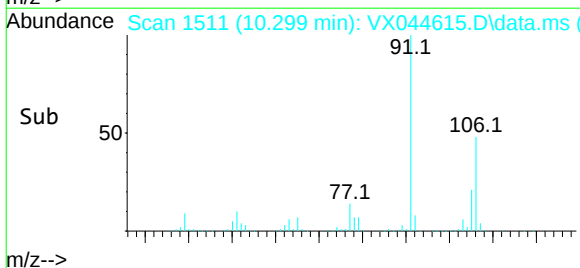
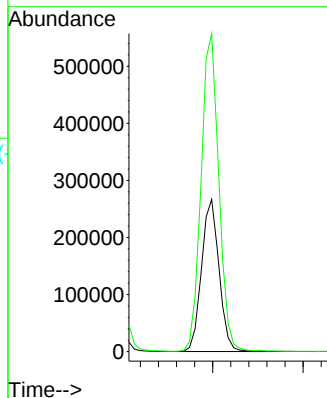
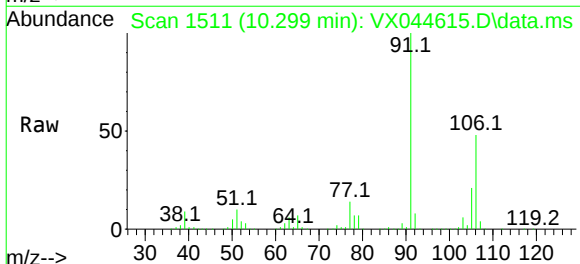
Acq: 08 Jan 2025 10:02

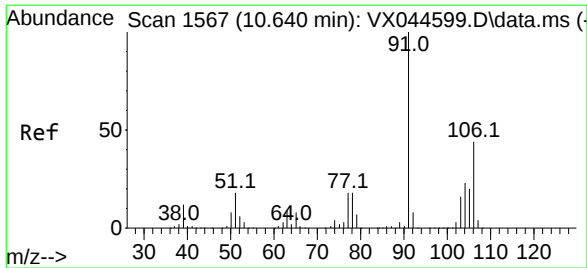
Tgt Ion:106 Resp: 358247

Ion Ratio Lower Upper

106 100

91 211.9 170.4 255.6





#69

o-Xylene

Concen: 48.195 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 175420

Ion Ratio Lower Upper

106 100

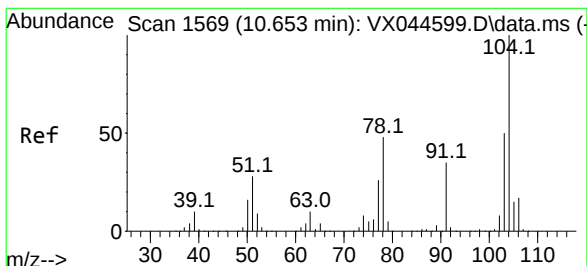
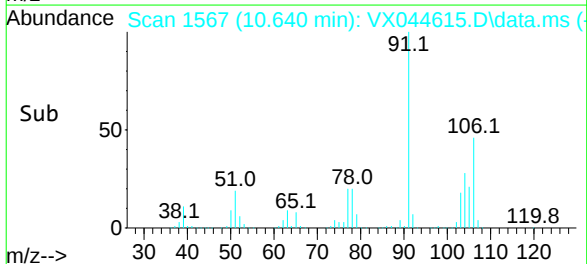
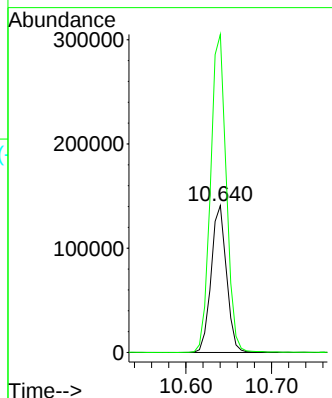
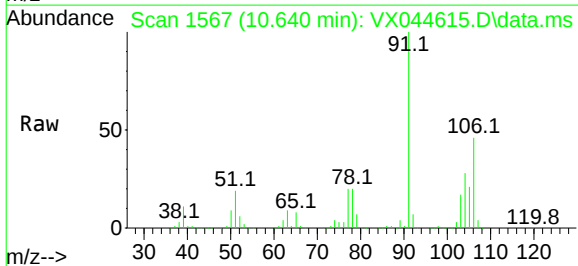
91 222.4 112.3 336.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#70

Styrene

Concen: 49.970 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

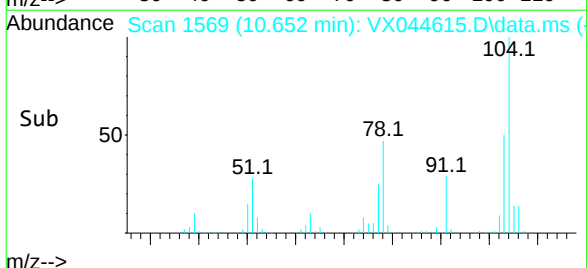
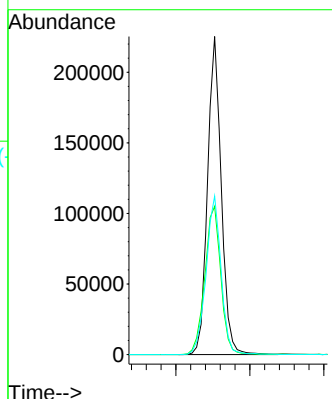
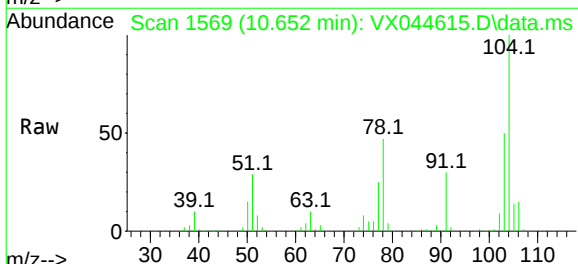
Tgt Ion:104 Resp: 290914

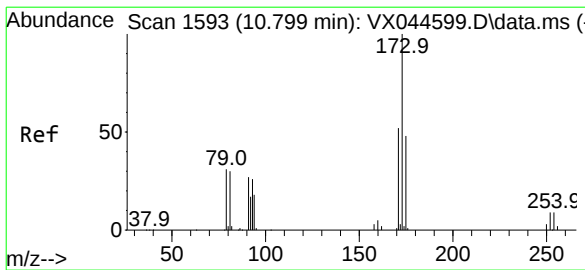
Ion Ratio Lower Upper

104 100

78 54.4 44.0 66.0

103 54.7 43.8 65.6





#71

Bromoform

Concen: 49.507 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

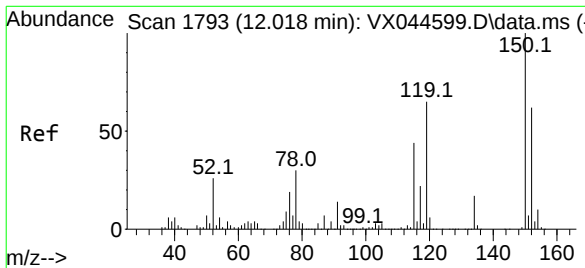
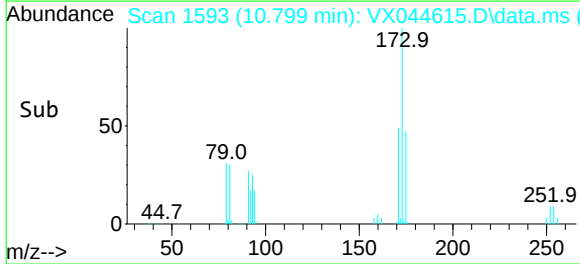
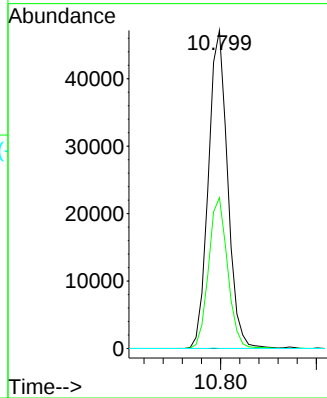
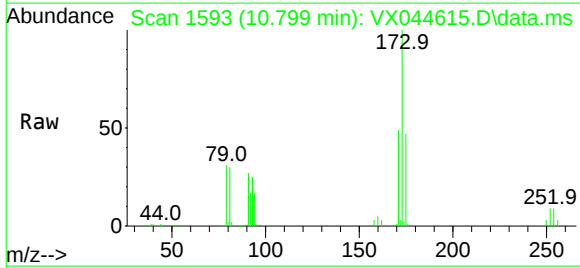
ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	65781
Ion Ratio	Lower	Upper	
173	100		
175	46.9	24.6	73.8
254	0.0	0.0	0.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

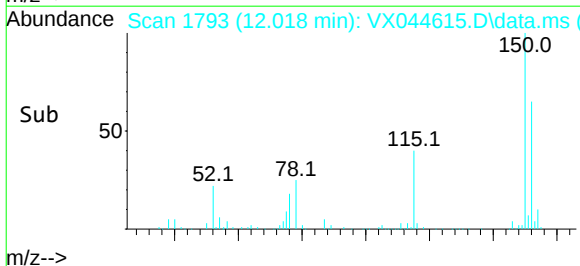
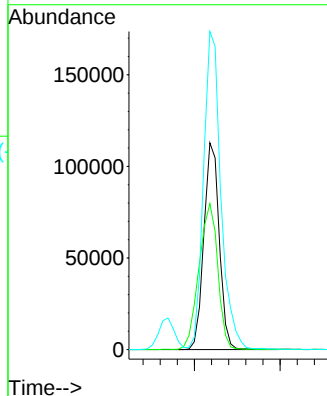
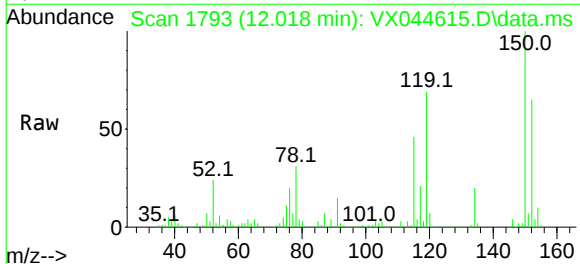
RT: 12.018 min Scan# 1793

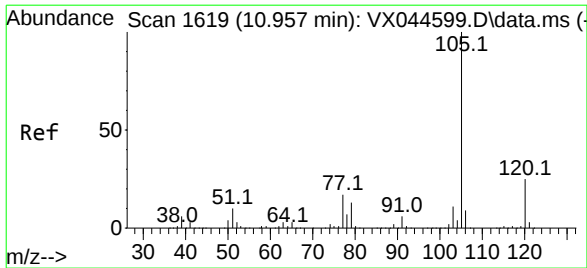
Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Tgt Ion:	152	Resp:	141072
Ion Ratio	Lower	Upper	
152	100		
115	86.1	44.4	133.1
150	172.9	0.0	355.0





#73

Isopropylbenzene

Concen: 44.026 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 460139

Ion Ratio Lower Upper

105 100

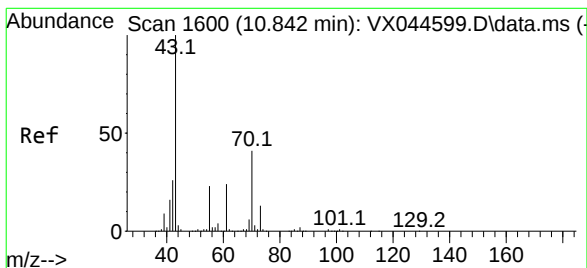
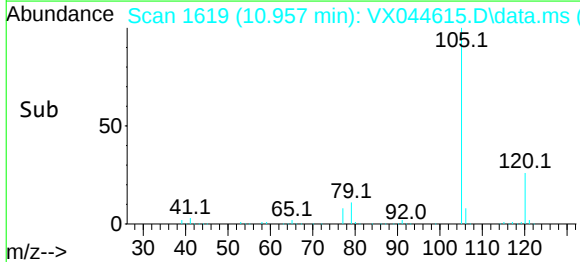
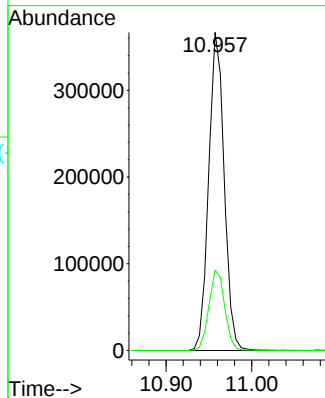
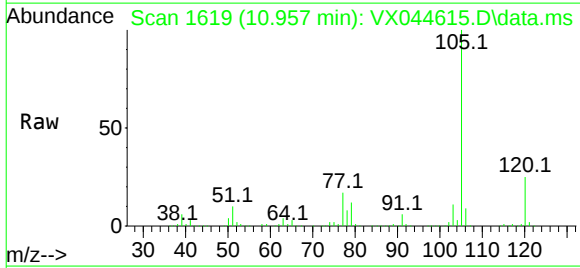
120 25.7 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#74

N-ethyl acetate

Concen: 47.556 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Tgt Ion: 43 Resp: 201678

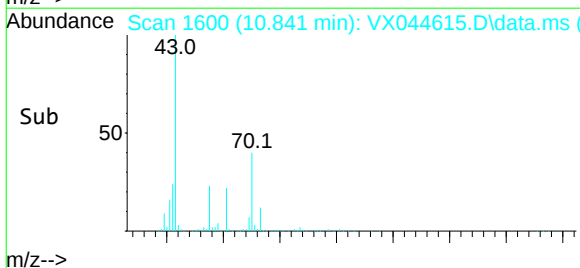
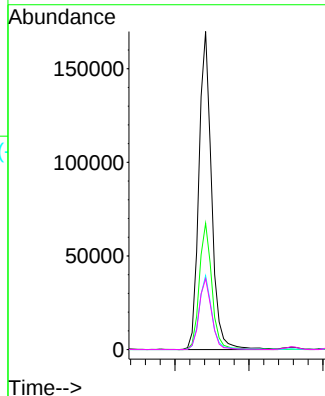
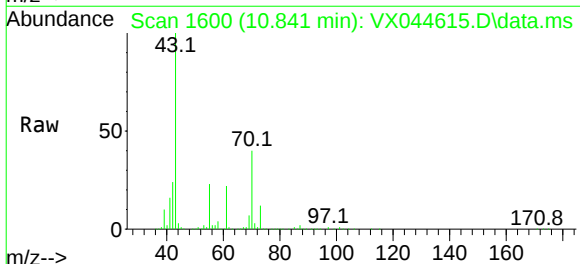
Ion Ratio Lower Upper

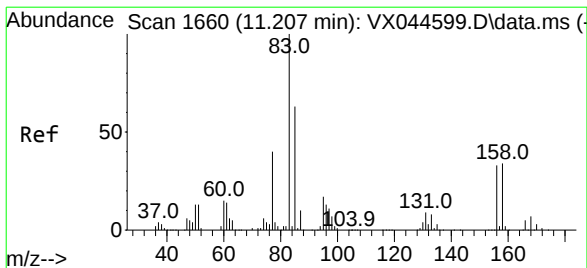
43 100

70 39.4 32.9 49.3

55 23.2 19.0 28.6

61 22.2 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.830 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

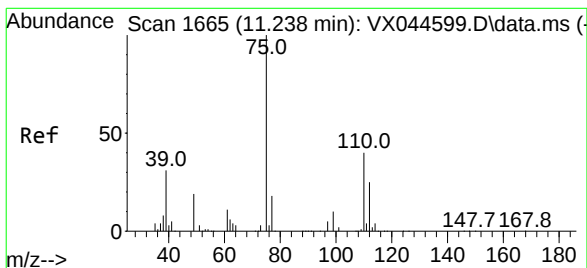
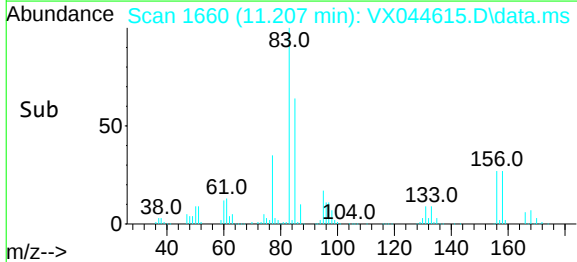
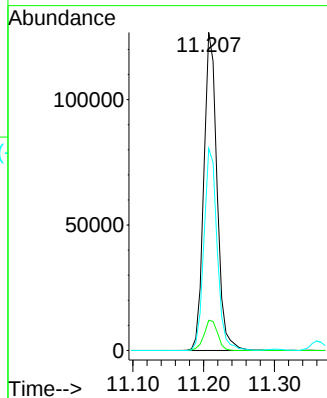
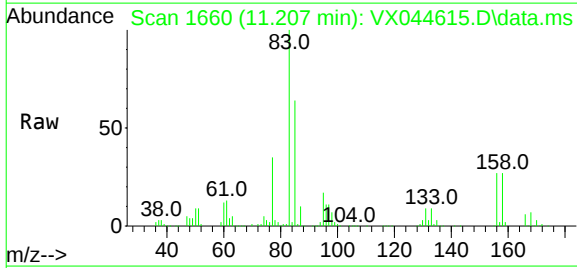
Tgt Ion:	83	Resp:	164502
Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	15.0
85	63.6	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#76

1,2,3-Trichloropropane

Concen: 48.537 ug/l m

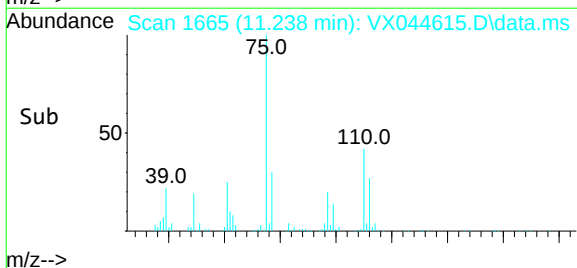
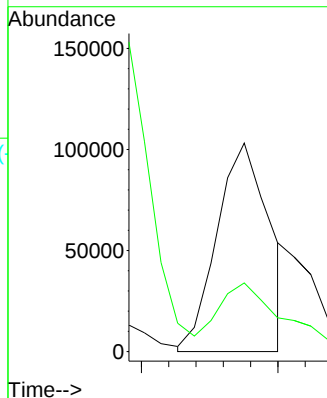
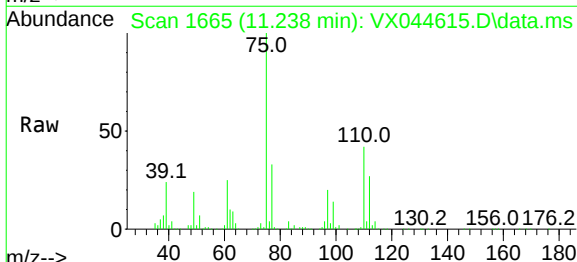
RT: 11.238 min Scan# 1665

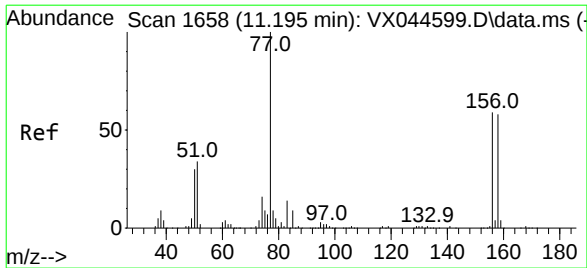
Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Tgt Ion:	75	Resp:	137259
Ion	Ratio	Lower	Upper
75	100		
77	41.6	21.1	63.1





#77

Bromobenzene

Concen: 48.123 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

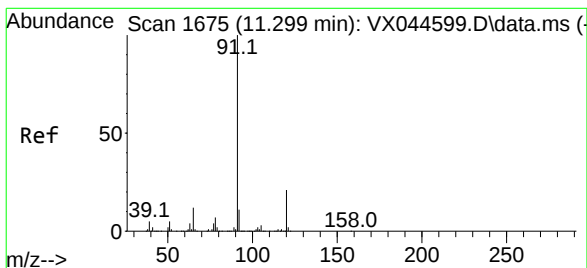
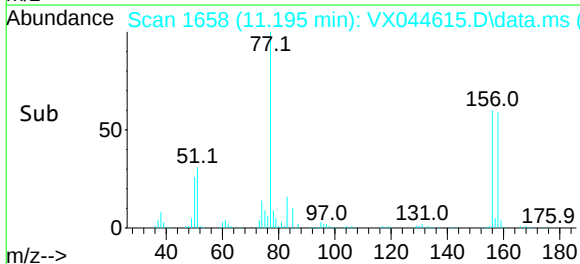
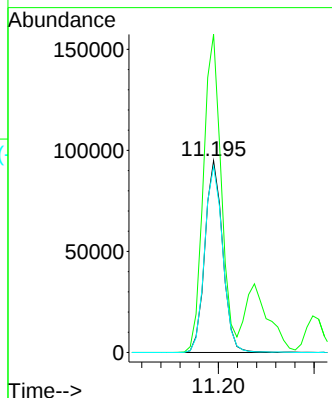
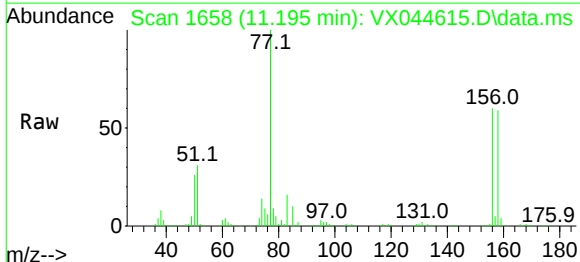
Tgt Ion:	156	Resp:	122181
Ion	Ratio	Lower	Upper
156	100		
77	166.5	85.7	257.1
158	99.1	49.9	149.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#78

n-propylbenzene

Concen: 50.771 ug/l

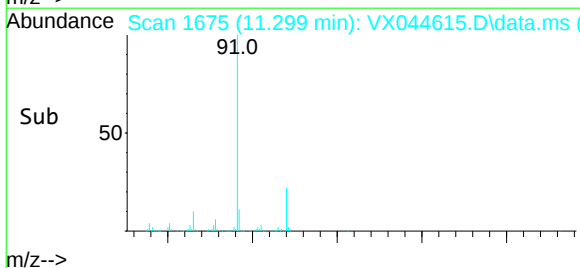
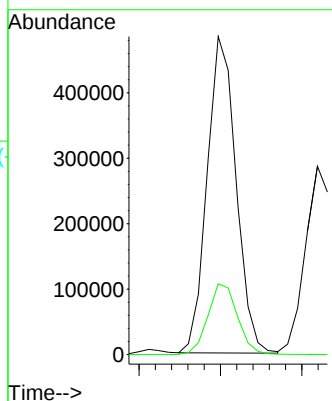
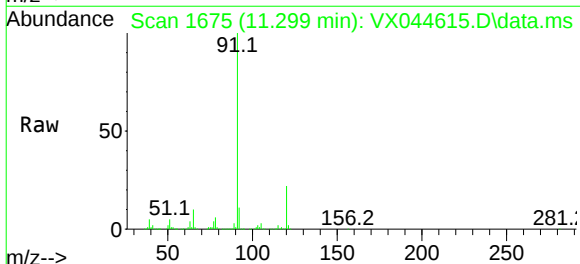
RT: 11.299 min Scan# 1675

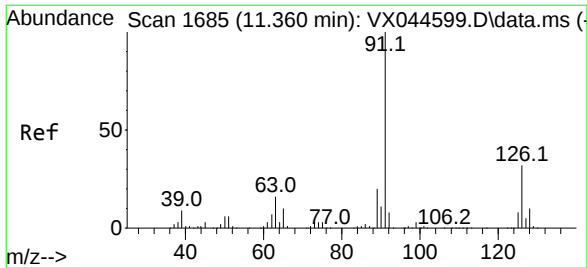
Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Tgt Ion:	91	Resp:	597685
Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.2	33.5





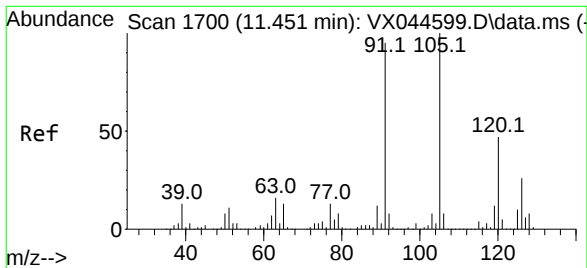
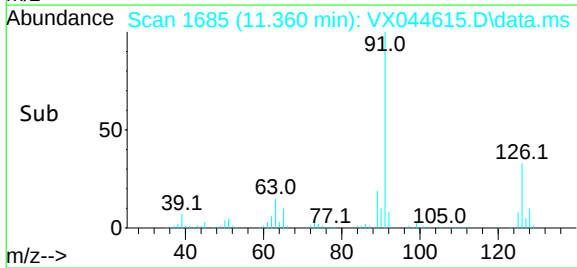
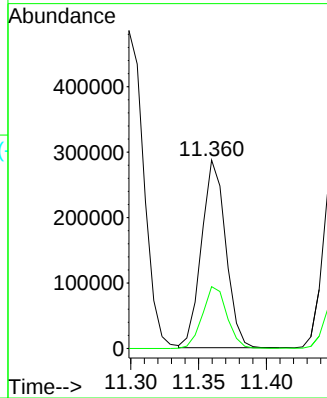
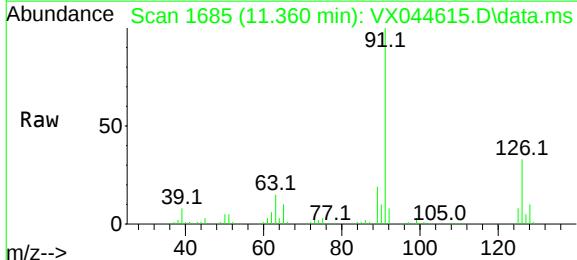
#79
2-Chlorotoluene
Concen: 46.771 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 356792
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.2

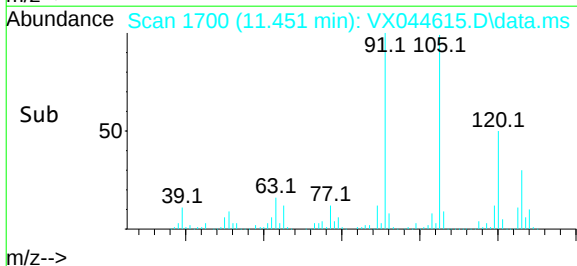
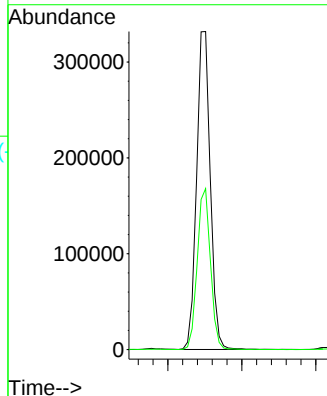
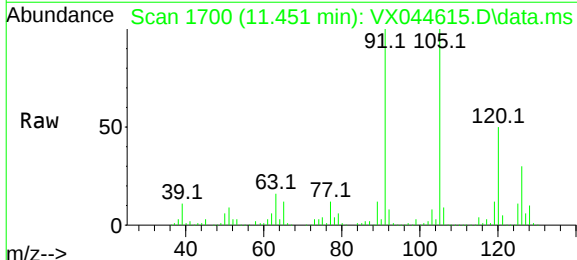
Manual Integrations
APPROVED

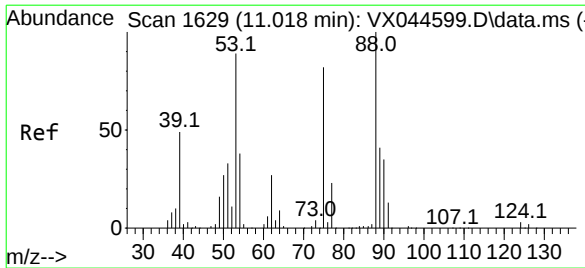
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.265 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion:105 Resp: 426919
Ion Ratio Lower Upper
105 100
120 48.8 23.5 70.5





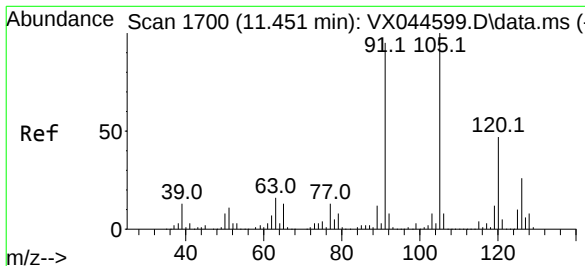
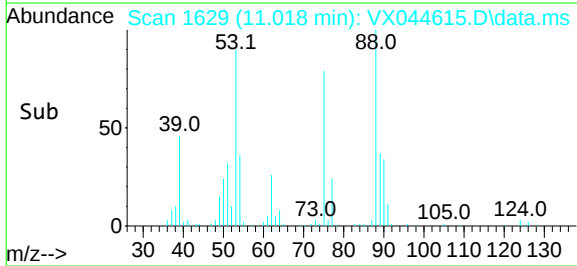
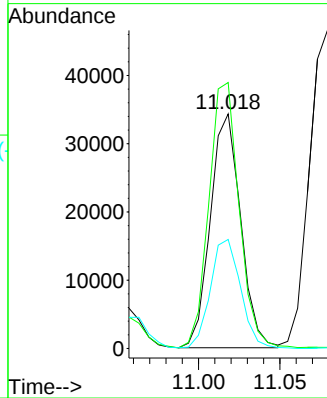
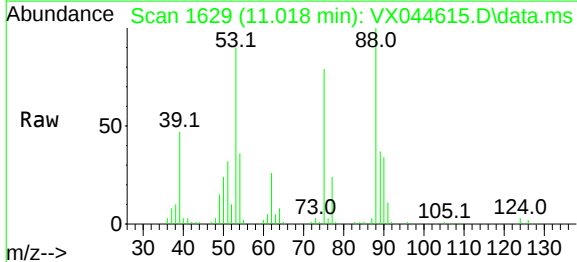
#81
trans-1,4-Dichloro-2-butene
Concen: 47.721 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 44334
Ion Ratio Lower Upper
75 100
53 113.9 92.7 139.1
89 46.8 38.3 57.5

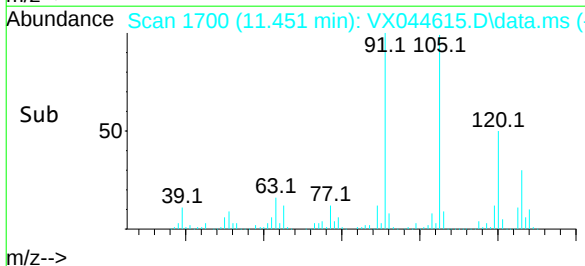
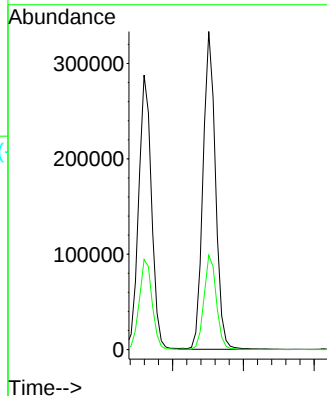
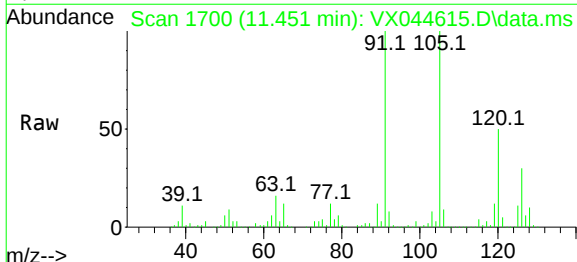
Manual Integrations
APPROVED

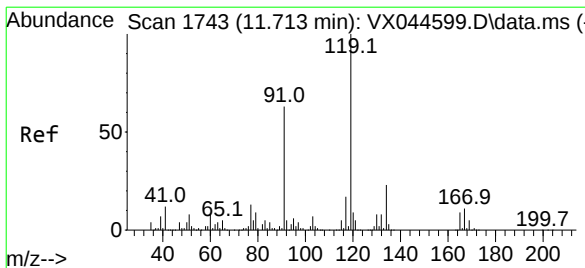
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#82
4-Chlorotoluene
Concen: 47.537 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion: 91 Resp: 407956
Ion Ratio Lower Upper
91 100
126 29.3 14.0 42.0





#83

tert-Butylbenzene

Concen: 49.126 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

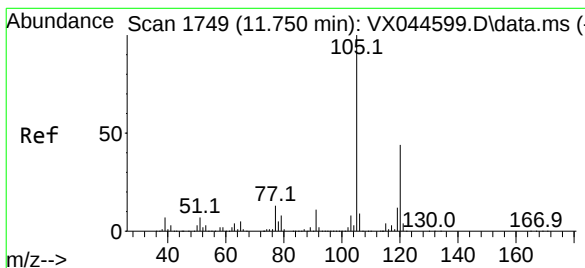
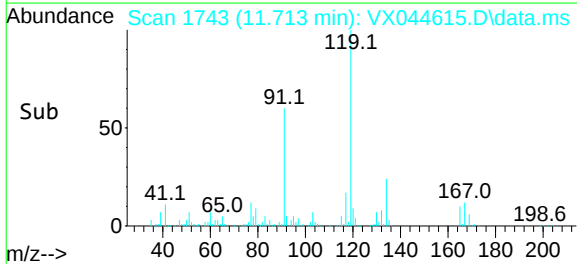
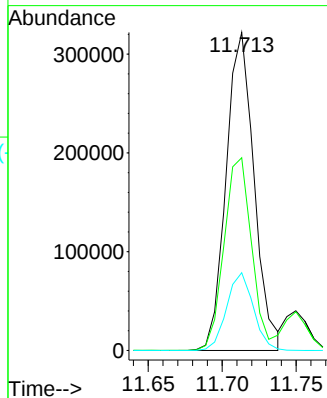
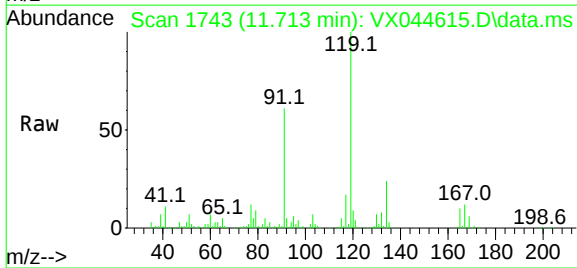
Tgt Ion:	119	Resp:	423897
Ion	Ratio	Lower	Upper
119	100		
91	59.1	30.9	92.8
134	23.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#84

1,2,4-Trimethylbenzene

Concen: 49.350 ug/l

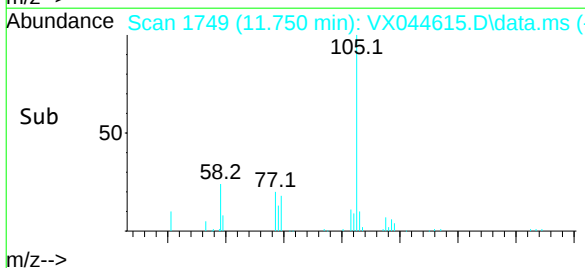
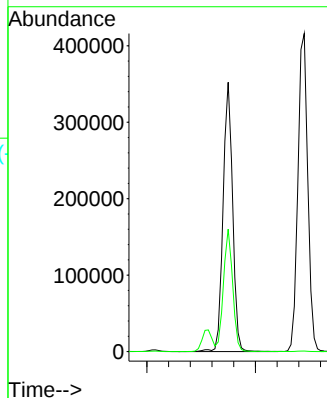
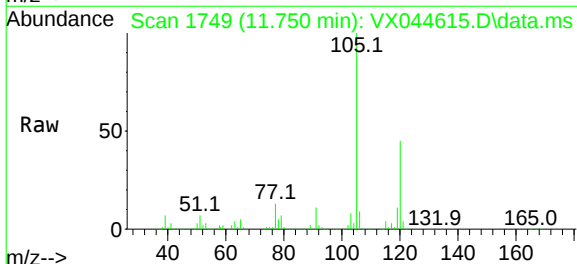
RT: 11.750 min Scan# 1749

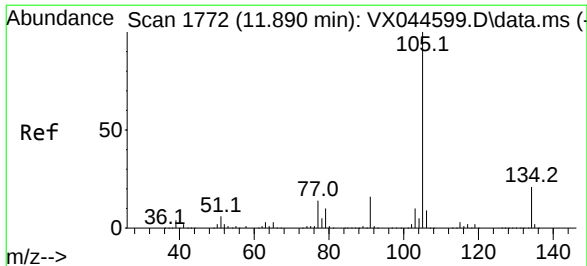
Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Tgt Ion:	105	Resp:	429596
Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.9	65.7





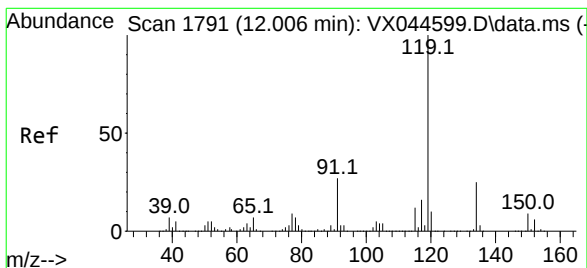
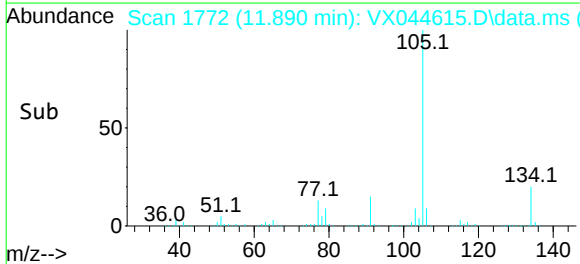
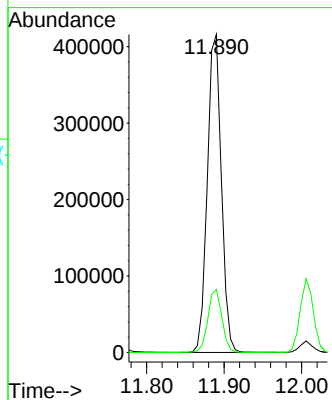
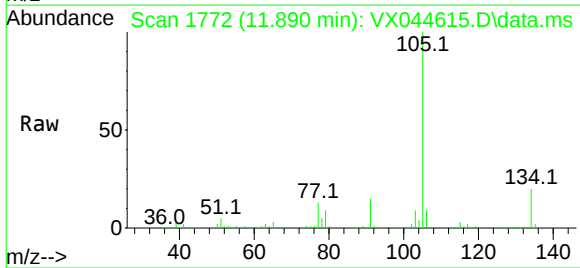
#85
sec-Butylbenzene
Concen: 49.791 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 523251
Ion Ratio Lower Upper
105 100
134 19.8 9.9 29.7

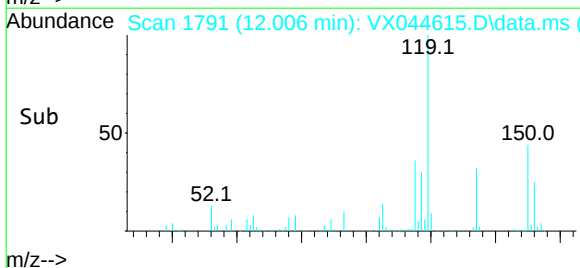
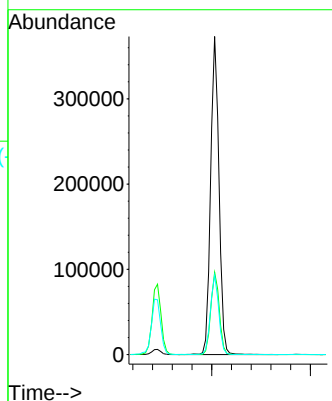
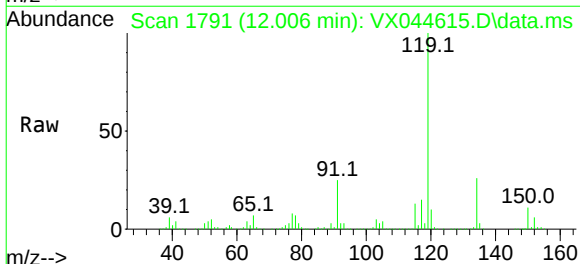
Manual Integrations
APPROVED

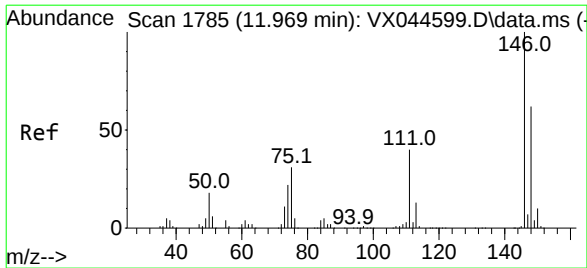
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#86
p-Isopropyltoluene
Concen: 49.788 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion:119 Resp: 439013
Ion Ratio Lower Upper
119 100
134 26.3 12.6 37.8
91 24.7 13.1 39.1





#87

1,3-Dichlorobenzene

Concen: 48.111 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

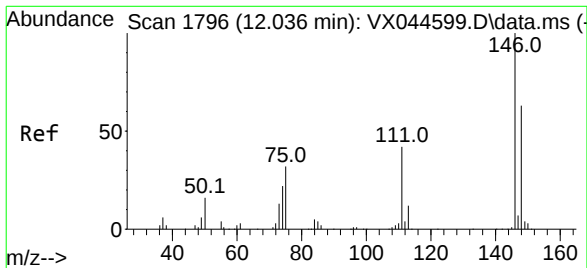
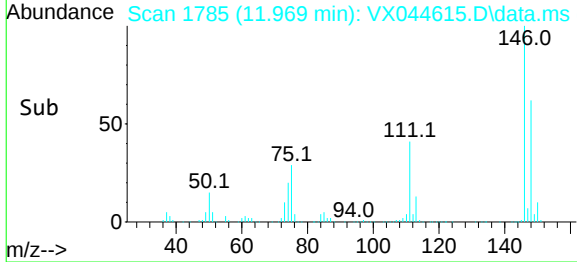
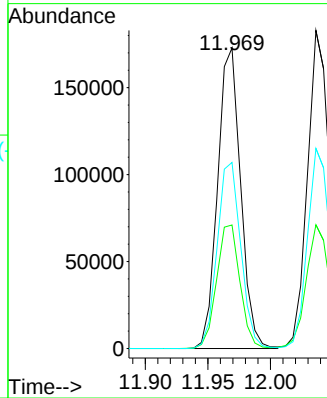
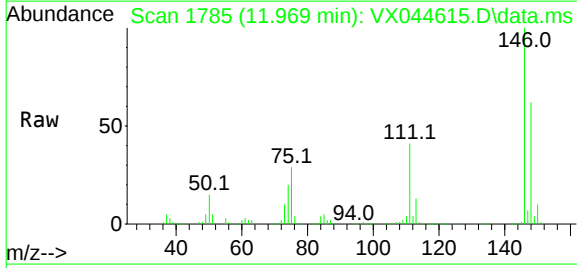
Tgt Ion:	146	Resp:	220974
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.0	63.0
148	63.5	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#88

1,4-Dichlorobenzene

Concen: 47.384 ug/l

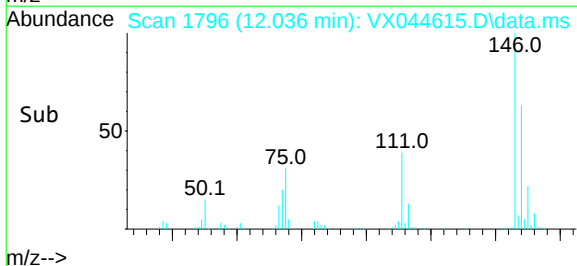
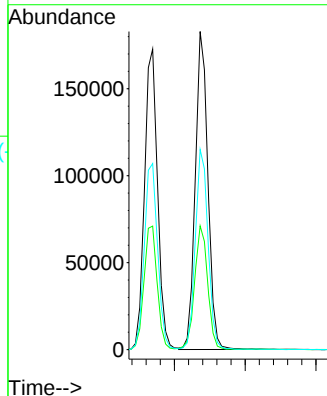
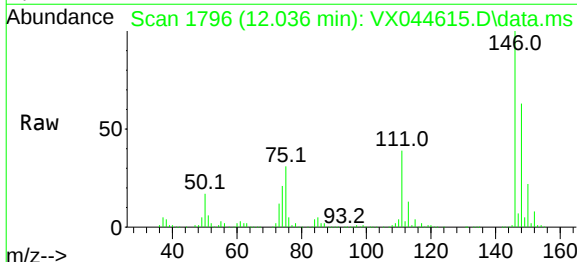
RT: 12.036 min Scan# 1796

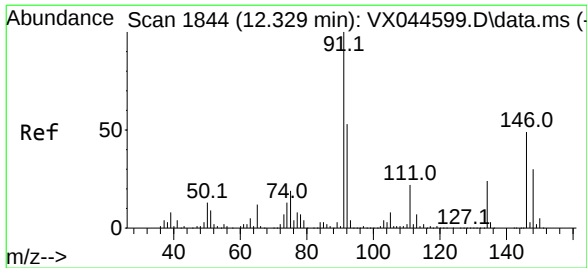
Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

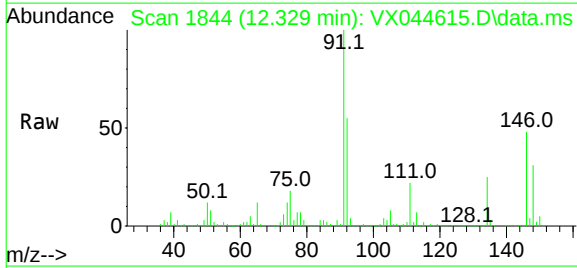
Tgt Ion:	146	Resp:	226749
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.7	62.1
148	63.3	31.8	95.4





#89
n-Butylbenzene
Concen: 50.775 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

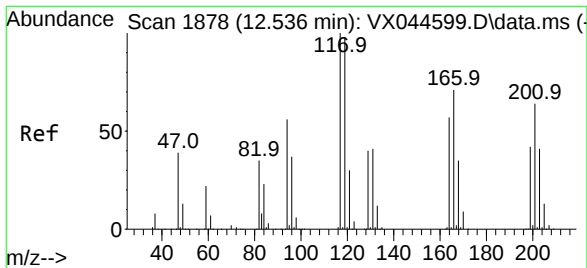
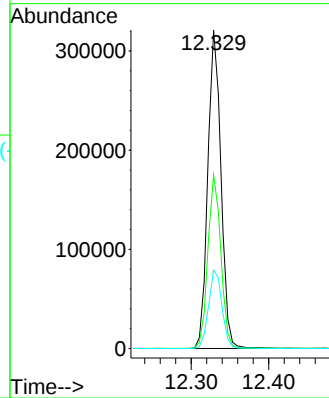
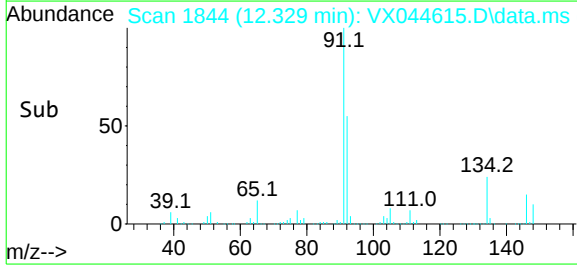
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 378051
Ion Ratio Lower Upper
91 100
92 53.8 26.5 79.4
134 25.1 12.4 37.2

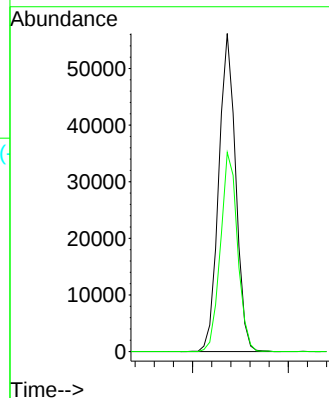
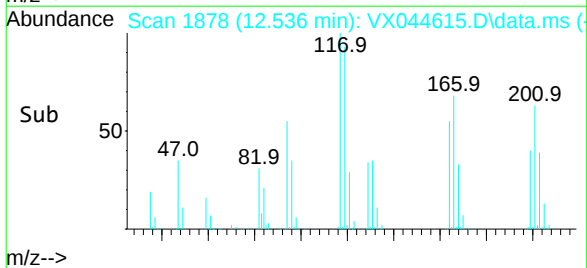
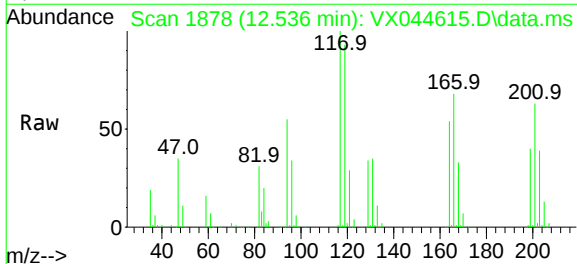
Manual Integrations
APPROVED

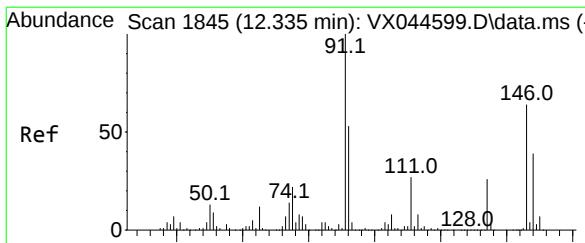
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#90
Hexachloroethane
Concen: 48.891 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

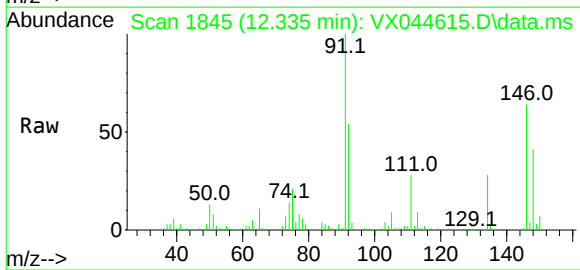
Tgt Ion:117 Resp: 69254
Ion Ratio Lower Upper
117 100
201 63.0 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 46.479 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

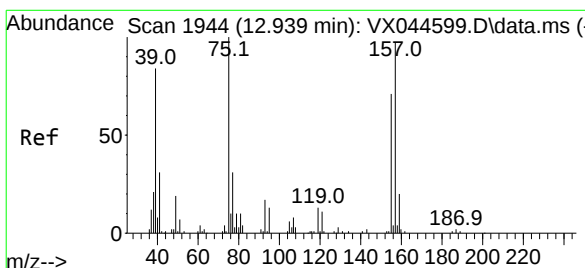
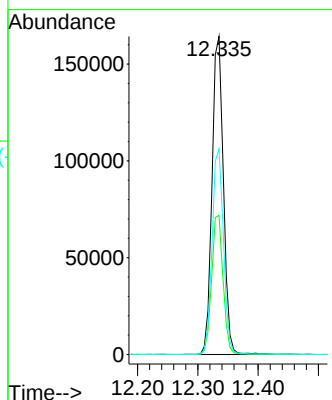
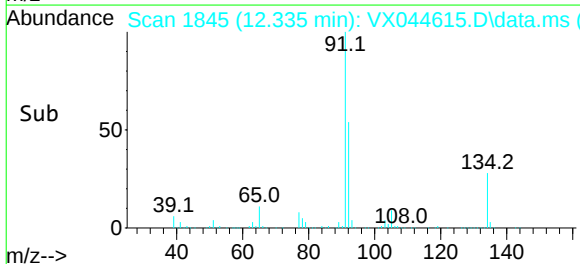
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 215723
Ion Ratio Lower Upper
146 100
111 44.1 21.8 65.4
148 64.6 31.1 93.3

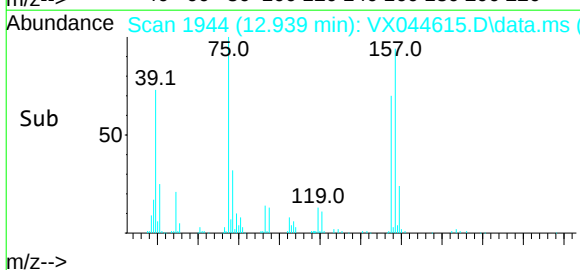
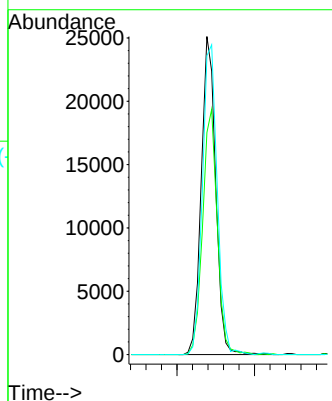
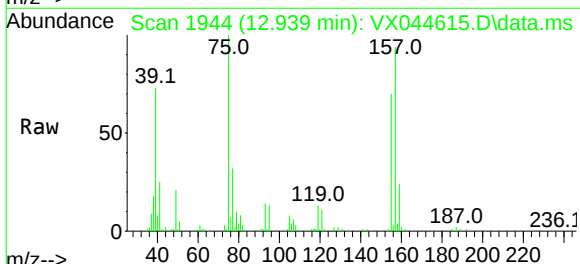
Manual Integrations
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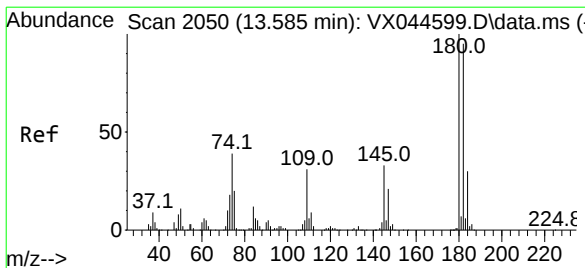
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.806 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX044615.D
Acq: 08 Jan 2025 10:02

Tgt Ion: 75 Resp: 32448
Ion Ratio Lower Upper
75 100
155 78.0 37.4 112.1
157 100.3 48.0 144.2





#93

1,2,4-Trichlorobenzene

Concen: 48.437 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 132128

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.6

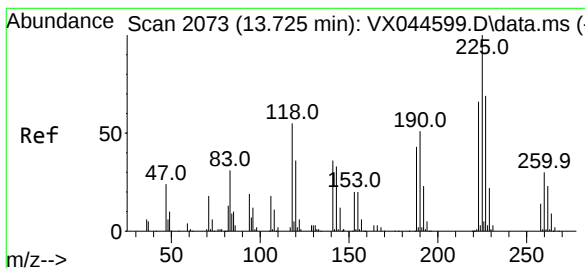
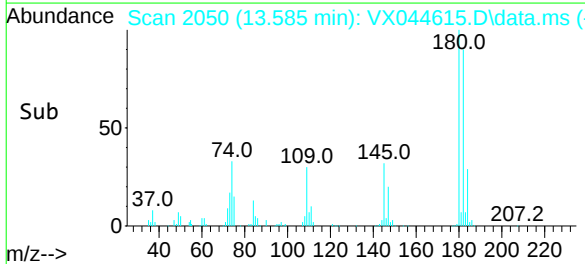
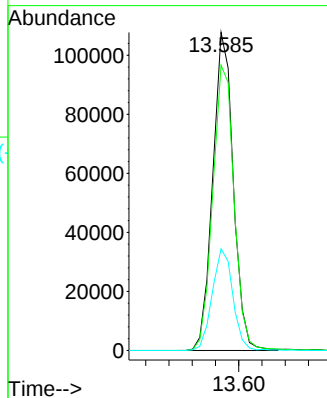
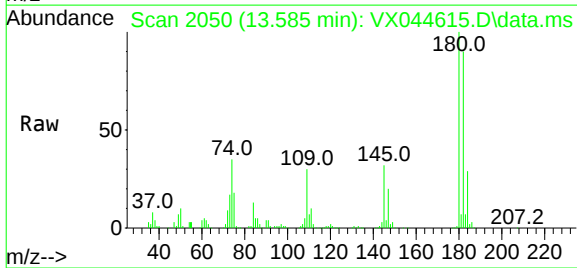
145 32.2 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#94

Hexachlorobutadiene

Concen: 48.639 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

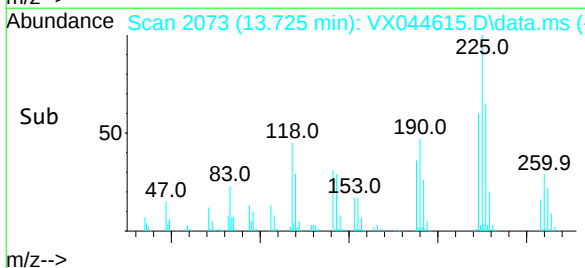
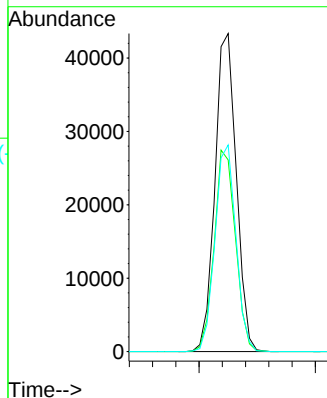
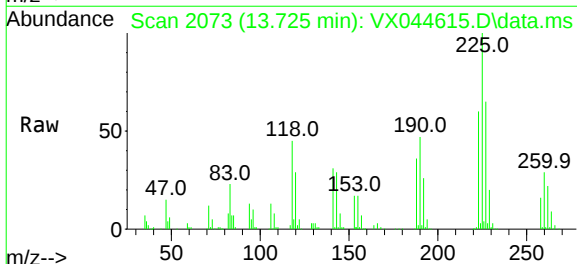
Tgt Ion:225 Resp: 55247

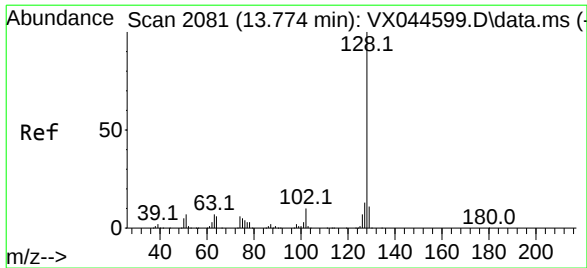
Ion Ratio Lower Upper

225 100

223 63.2 31.6 94.8

227 63.7 31.9 95.9





#95

Naphthalene

Concen: 50.939 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

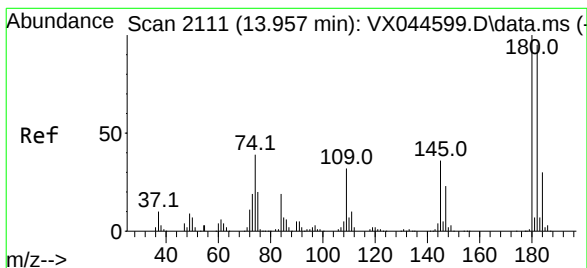
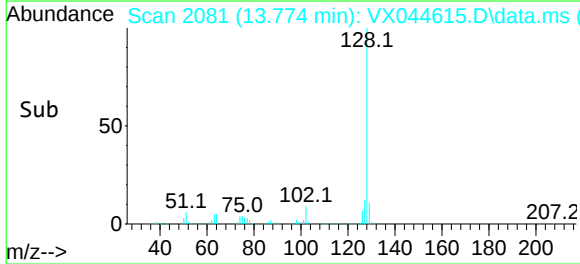
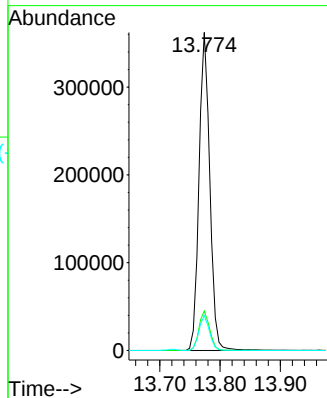
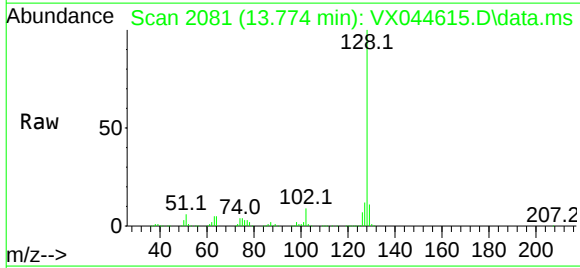
Tgt Ion:	128	Resp:	448342
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#96

1,2,3-Trichlorobenzene

Concen: 49.053 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX044615.D

Acq: 08 Jan 2025 10:02

Tgt Ion:	180	Resp:	136785
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.6	142.9
145	34.1	17.6	52.9

