

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044636.D
 Acq On : 09 Jan 2025 00:55
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Quant Time: Jan 09 01:26:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 09 01:07:24 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) Bromochloromethane	4.891	128	31194	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	161623	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	144761	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	99200	36.508	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 121.700%#			
60) 4-Bromofluorobenzene	11.079	95	82979	32.747	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 109.167%			
63) Toluene-d8	8.641	98	255779	36.868	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 122.900%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	141297	70.422	ug/l	96
3) Chloromethane	1.294	50	138910	50.895	ug/l	94
4) Vinyl Chloride	1.374	62	135169	52.805	ug/l	99
5) Bromomethane	1.599	94	63706	79.750	ug/l	94
6) Chloroethane	1.666	64	81640	94.490	ug/l	99
7) Trichlorofluoromethane	1.874	101	204612	76.047	ug/l	98
8) Diethyl Ether	2.136	74	77626	64.410	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	107951	51.248	ug/l	98
10) 1,1-Dichloroethene	2.312	96	107712	50.426	ug/l	96
11) Methyl Iodide	2.447	142	154362	61.149	ug/l	99
12) Methyl Acetate	2.703	43	147784	39.853	ug/l	98
13) Acrolein	2.233	56	134506	215.857	ug/l	99
14) Acrylonitrile	3.062	53	284783	200.824	ug/l	100
15) Acetone	2.380	58	71699	186.773	ug/l	96
16) Carbon Disulfide	2.508	76	240380	40.218	ug/l	99
17) Allyl chloride	2.660	41	186193	45.729	ug/l	97
18) Methylene Chloride	2.782	84	120720	48.558	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	109981	48.625	ug/l	97
20) Diisopropyl ether	3.757	45	386902	47.570	ug/l	98
21) 1,1-Dichloroethane	3.605	63	219023	49.565	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	133263	49.184	ug/l	98
23) tert-Butyl Alcohol	2.995	59	97208	162.538	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	385930	50.716	ug/l	99
25) Chloroform	5.086	83	232572	54.518	ug/l	95
26) Cyclohexane	5.458	56	174838	44.134	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	149183	58.164	ug/l	98
30) 2-Butanone	4.556	43	383261	221.488	ug/l	99
31) 2,2-Dichloropropane	4.465	77	170619	54.399	ug/l #	73
32) 1,1,1-Trichloroethane	5.379	97	202988m	63.441	ug/l	
33) Carbon Tetrachloride	5.672	117	166571	64.290	ug/l	90
34) Benzene	6.031	78	456956	54.224	ug/l	99
35) Methacrylonitrile	4.916	41	88696	48.144	ug/l	98
36) 1,2-Dichloroethane	6.080	62	189094	67.219	ug/l	98
37) Trichloroethene	7.123	130	123206	63.902	ug/l	98
38) Methylcyclohexane	7.373	83	202140	58.817	ug/l	97
39) 1,2-Dichloropropane	7.427	63	120071	57.864	ug/l	97
40) Dibromomethane	7.580	93	93585	64.210	ug/l	97
41) Bromodichloromethane	7.818	83	177255	62.410	ug/l	98
42) Vinyl Acetate	3.715	43	1623807	212.125	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	157721	47.181	ug/l	# 83
44) Isopropyl Acetate	6.336	43	268062	49.074	ug/l	98
45) 1,4-Dioxane	7.665	88	39226	784.937	ug/l	98
46) Methyl methacrylate	7.690	41	131809	50.245	ug/l	97
47) n-amyl Acetate	10.841	43	217638	45.962	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	160894	52.866	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	196733	58.998	ug/l	91
50) 1,1,2-Trichloroethane	9.147	97	109095	55.543	ug/l	98
51) Ethyl methacrylate	9.116	69	172744	48.757	ug/l	98
52) 1,3-Dichloropropane	9.305	76	190167	55.205	ug/l	98
53) Dibromochloromethane	9.518	129	115796	55.488	ug/l	98
54) 1,2-Dibromoethane	9.604	107	113395	55.671	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	437772	267.714	ug/l	98
56) Bromoform	10.799	173	69918	49.781	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	812086	248.030	ug/l	97
59) 2-Hexanone	9.427	43	565334	224.996	ug/l	99
61) Tetrachloroethene	9.269	164	94953	58.906	ug/l	97
62) Toluene	8.714	91	494718	57.942	ug/l	100
64) Chlorobenzene	10.073	112	301111	57.607	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	103422	58.136	ug/l	99
66) Ethyl Benzene	10.189	91	534186	57.809	ug/l	99
67) m/p-Xylenes	10.299	106	396328	114.544	ug/l	99
68) o-Xylene	10.640	106	192904	55.434	ug/l	100
69) Styrene	10.652	104	325619	56.391	ug/l	99
70) Isopropylbenzene	10.957	105	499394	57.351	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	157512	50.266	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	135677m	49.465	ug/l	
73) Bromobenzene	11.195	156	117730	57.864	ug/l	96
74) n-propylbenzene	11.299	91	581975	57.077	ug/l	99
75) 2-Chlorotoluene	11.360	91	359160	56.492	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	421789	58.901	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	44580	38.198	ug/l	97
78) 4-Chlorotoluene	11.451	91	406810	58.669	ug/l	100
79) tert-butylbenzene	11.713	119	413157	57.238	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	420552	57.840	ug/l	100
81) sec-Butylbenzene	11.890	105	506392	55.958	ug/l	99
82) p-Isopropyltoluene	12.006	119	427173	58.240	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	211301	57.256	ug/l	100
84) 1,4-Dichlorobenzene	12.036	146	213734	57.898	ug/l	97
85) n-Butylbenzene	12.329	91	365531	55.970	ug/l	98
86) Hexachloroethane	12.536	117	65930	45.649	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	215149	57.847	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	31655	45.171	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	128114	58.787	ug/l	100
90) Hexachlorobutadiene	13.719	225	52214	63.036	ug/l	97
91) Naphthalene	13.774	128	450322	54.621	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	130293	58.314	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

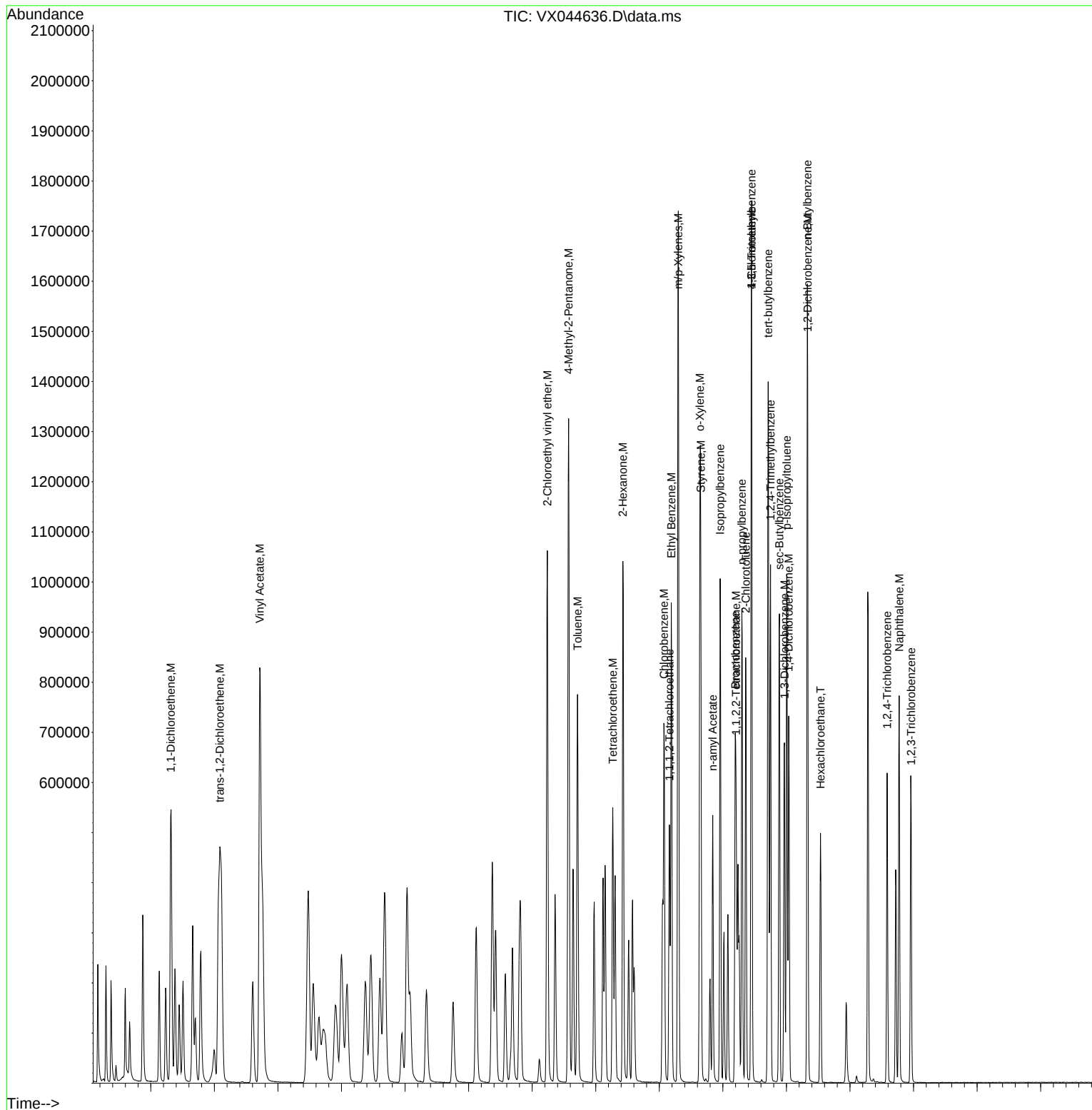
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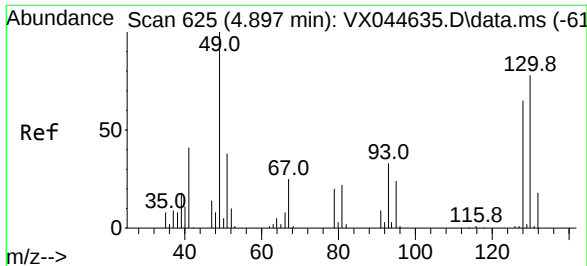
Instrument :
MSVOA_X
ClientSampleId :
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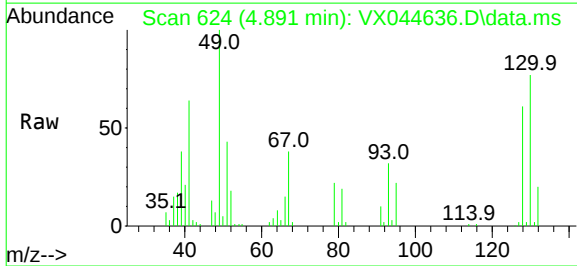
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

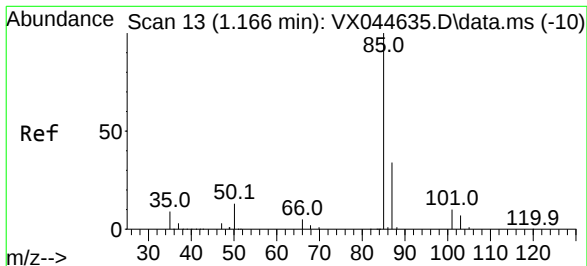
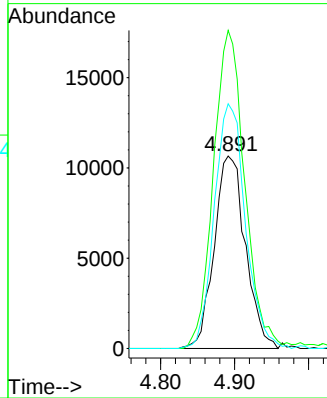
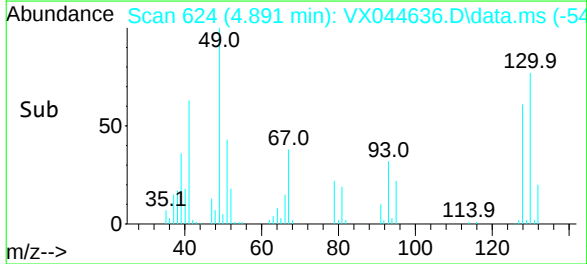
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:128 Resp: 31194
Ion Ratio Lower Upper
128 100
49 165.1 0.0 425.8
130 127.4 0.0 319.8

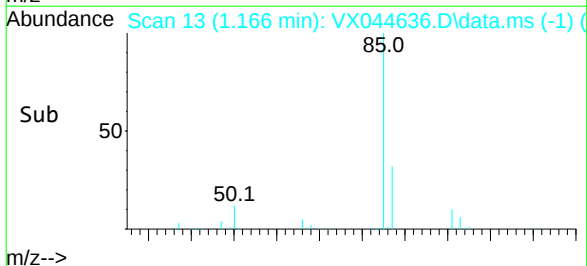
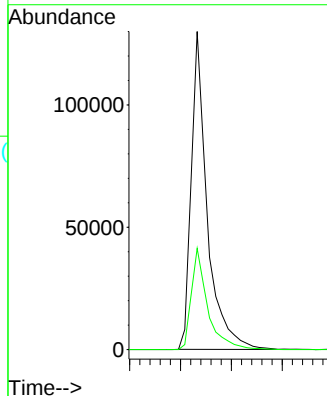
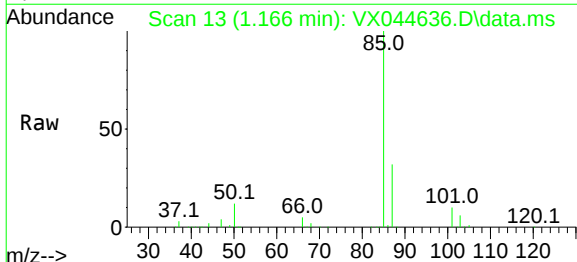
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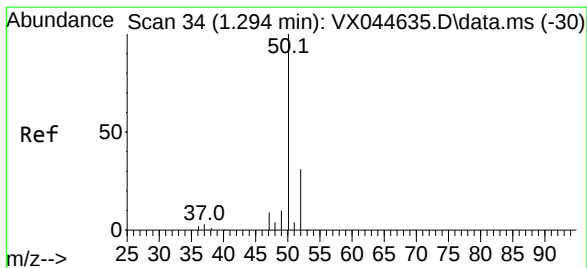
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#2
Dichlorodifluoromethane
Concen: 70.422 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Tgt Ion: 85 Resp: 141297
Ion Ratio Lower Upper
85 100
87 31.8 17.0 51.0





#3

Chloromethane

Concen: 50.895 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 50 Resp: 138910

Ion Ratio Lower Upper

50 100

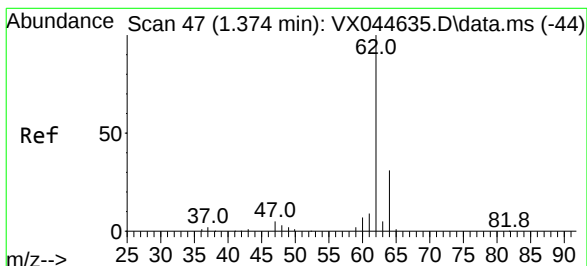
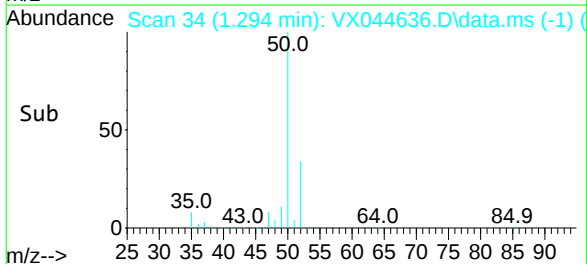
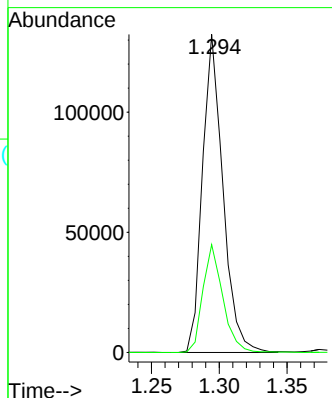
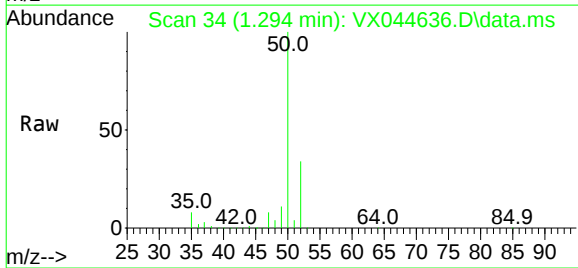
52 33.9 24.5 36.7

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 01/09/2025



#4

Vinyl Chloride

Concen: 52.805 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX044636.D

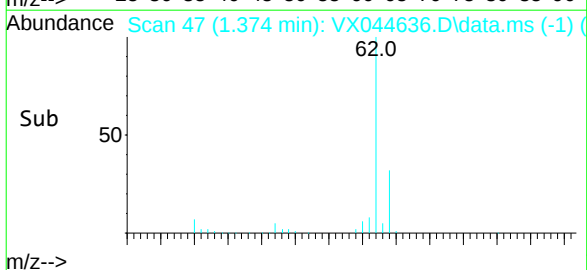
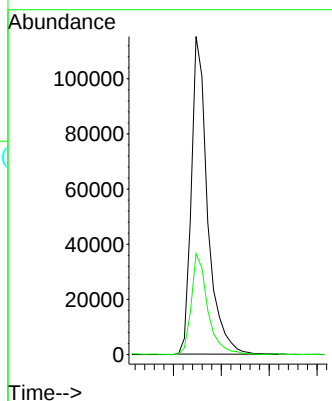
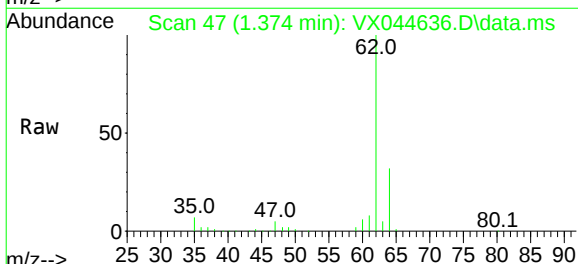
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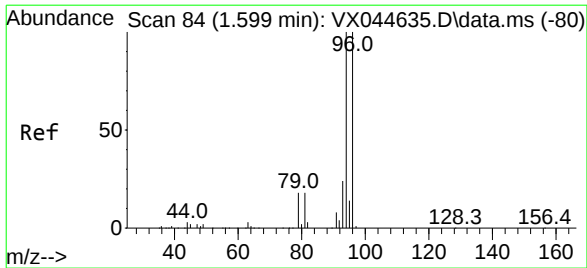
Tgt Ion: 62 Resp: 135169

Ion Ratio Lower Upper

62 100

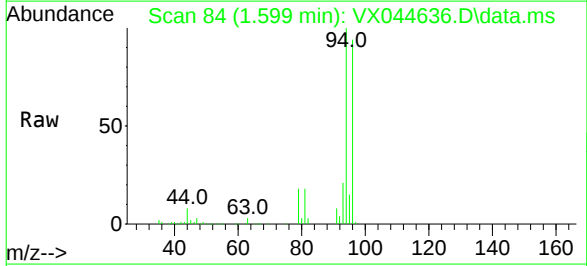
64 31.6 24.7 37.1





#5
Bromomethane
Concen: 79.750 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

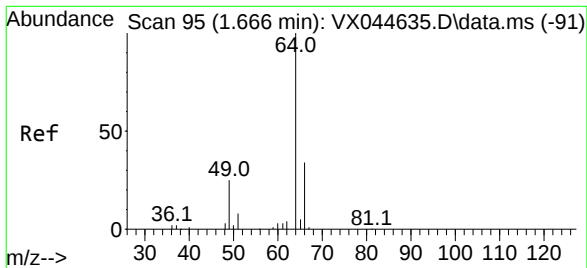
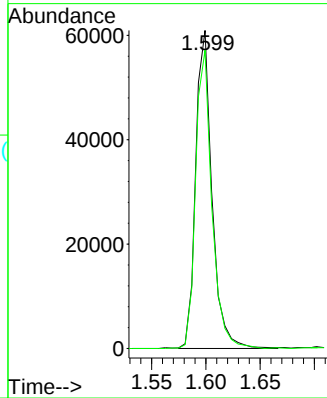
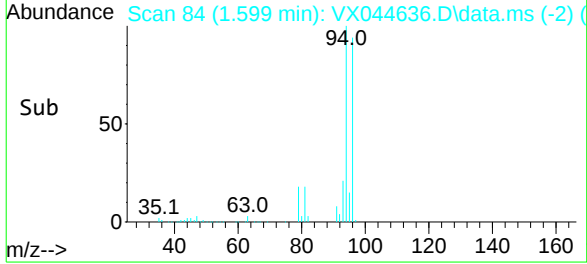
Instrument :
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Tgt Ion: 94 Resp: 63706
Ion Ratio Lower Upper
94 100
96 93.8 79.9 119.9

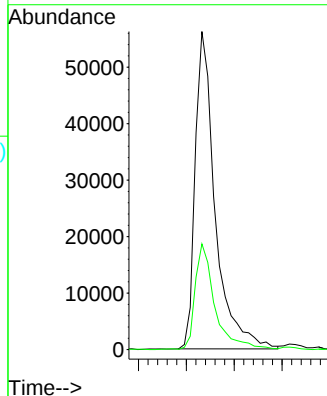
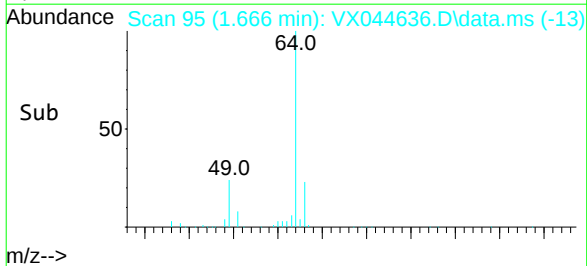
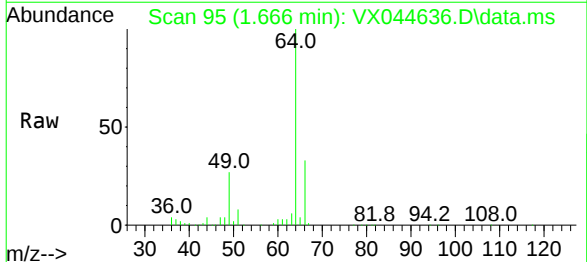
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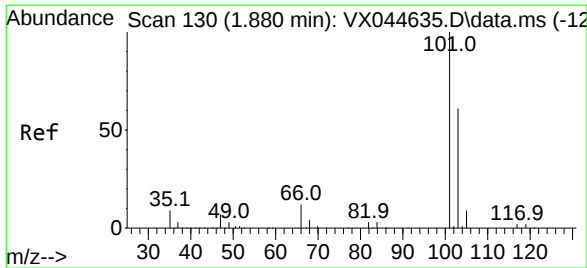
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#6
Chloroethane
Concen: 94.490 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

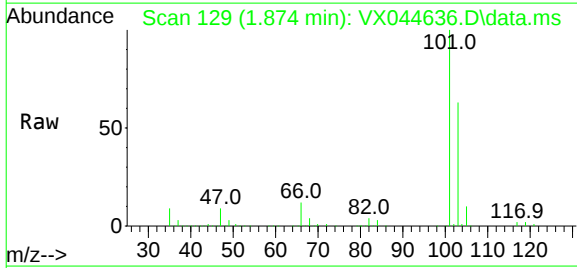
Tgt Ion: 64 Resp: 81640
Ion Ratio Lower Upper
64 100
66 33.2 26.9 40.3





#7
 Trichlorofluoromethane
 Concen: 76.047 ug/l
 RT: 1.874 min Scan# 12
 Delta R.T. -0.006 min
 Lab File: VX044636.D
 Acq: 09 Jan 2025 00:55

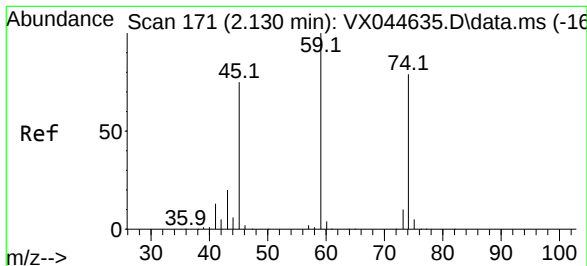
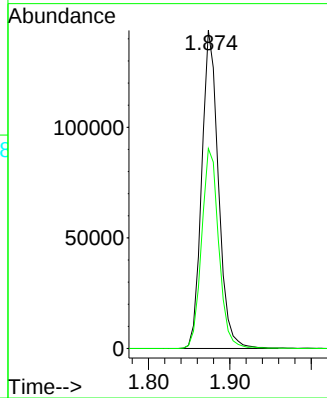
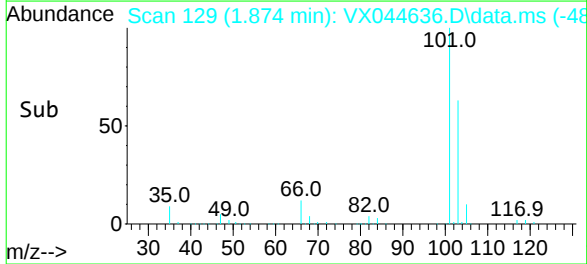
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



Tgt Ion:101 Resp: 204612
 Ion Ratio Lower Upper
 101 100
 103 62.9 49.2 73.8

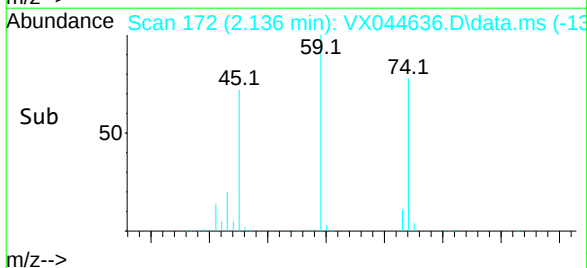
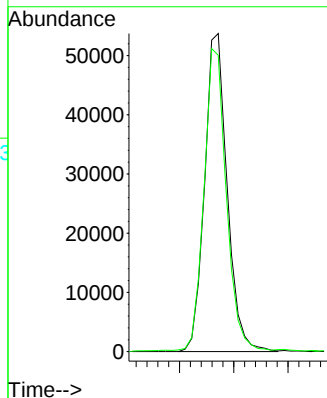
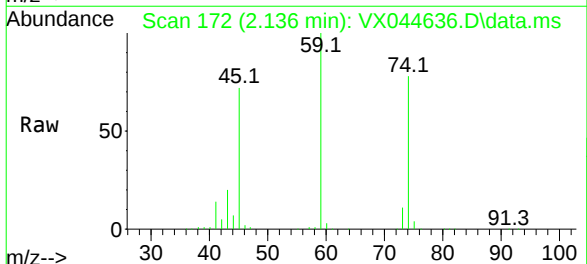
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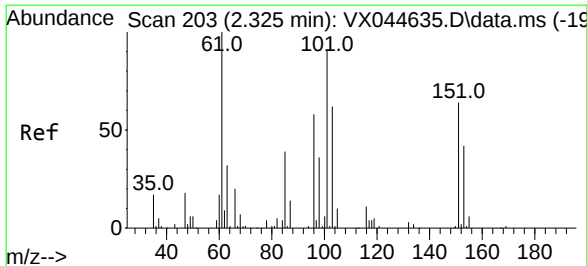
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#8
 Diethyl Ether
 Concen: 64.410 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX044636.D
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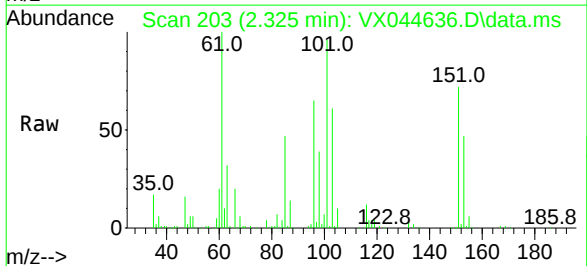
Tgt Ion: 74 Resp: 77626
 Ion Ratio Lower Upper
 74 100
 45 94.7 19.4 174.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.248 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX044636.D
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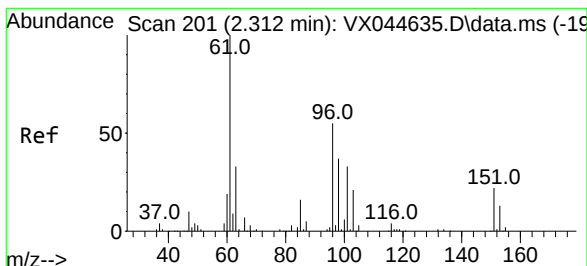
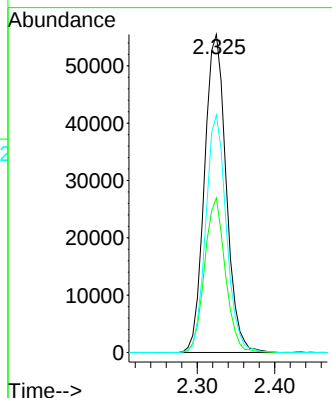
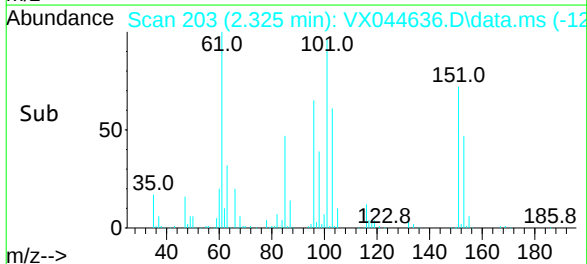
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



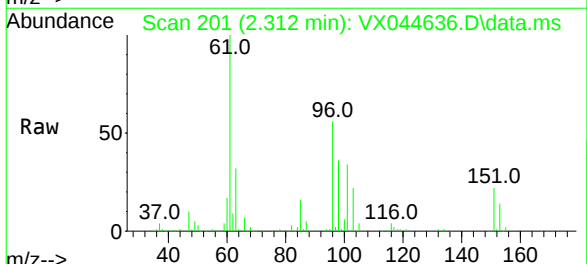
Tgt Ion: 101 Resp: 107951
Ion Ratio Lower Upper
101 100
85 46.4 0.0 93.4
151 71.1 0.0 146.2

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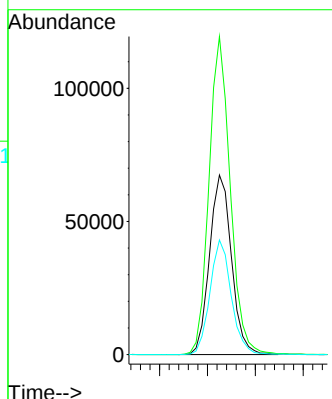
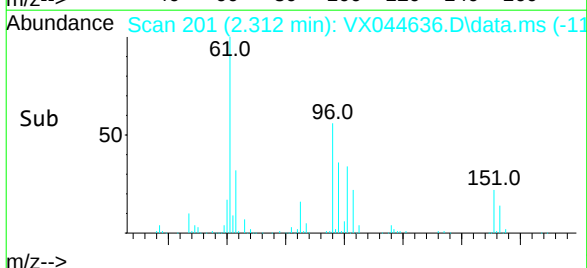
Reviewed By : John Carlone 01/09/2025
Supervised By : Semsettin Yesilyurt 01/09/2025

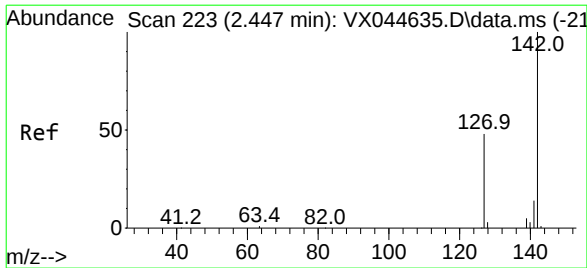


#10
1,1-Dichloroethene
Concen: 50.426 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55



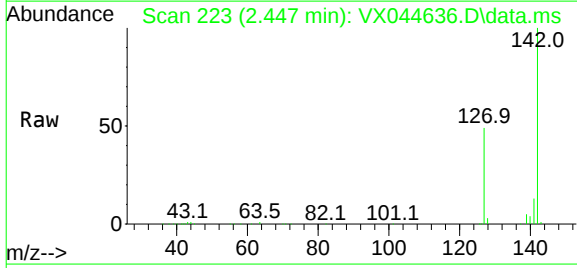
Tgt Ion: 96 Resp: 107712
Ion Ratio Lower Upper
96 100
61 177.2 146.0 219.0
98 63.8 54.6 81.8





#11
Methyl Iodide
Concen: 61.149 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

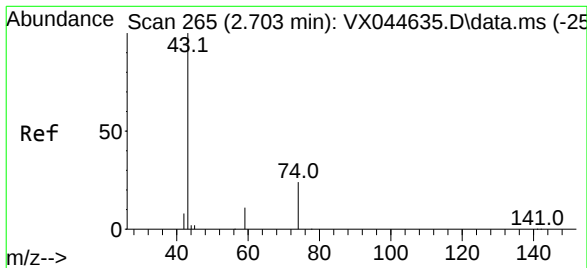
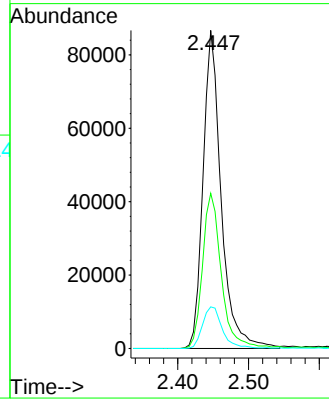
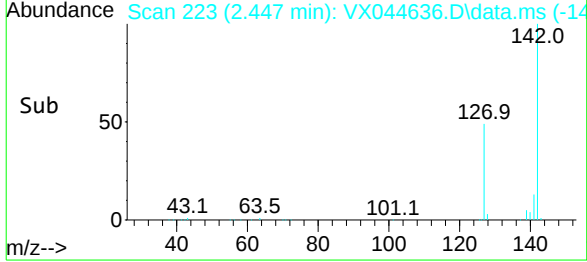
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 142 Resp: 154362
Ion Ratio Lower Upper
142 100
127 48.6 24.1 72.2
141 13.0 7.0 20.9

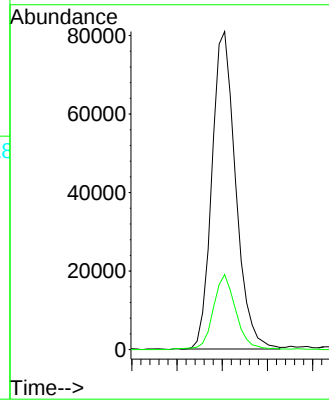
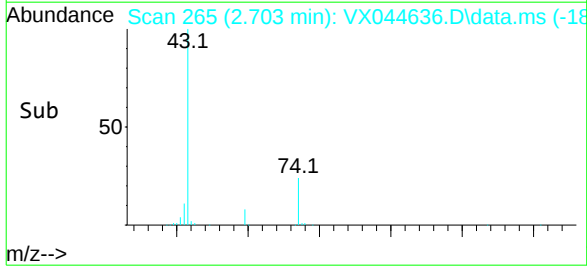
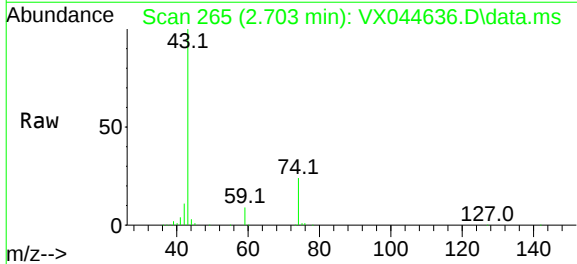
Manual Integrations
APPROVED

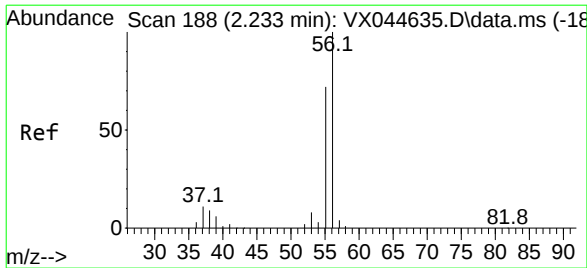
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#12
Methyl Acetate
Concen: 39.853 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Tgt Ion: 43 Resp: 147784
Ion Ratio Lower Upper
43 100
74 23.4 19.4 29.0





#13

Acrolein

Concen: 215.857 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 56 Resp: 134506

Ion Ratio Lower Upper

56 100

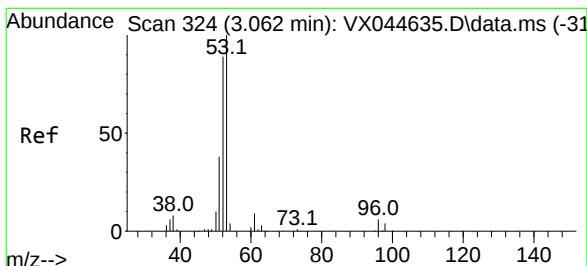
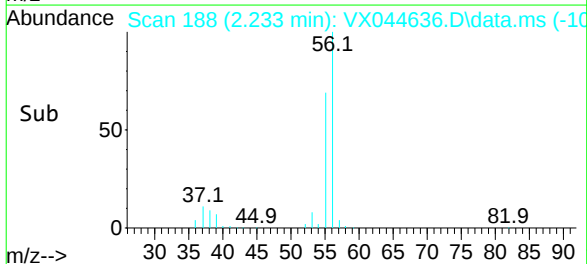
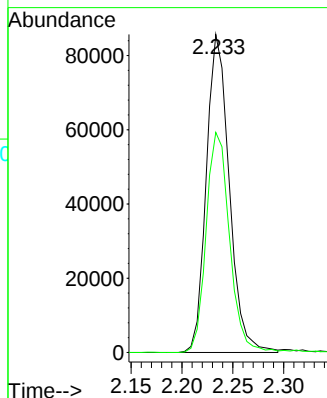
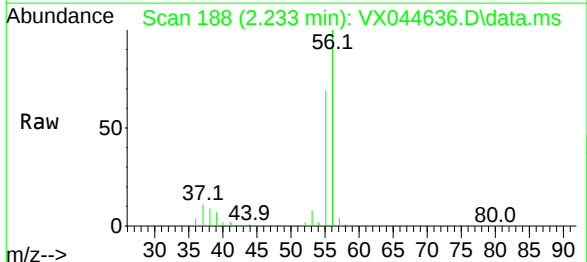
55 70.4 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#14

Acrylonitrile

Concen: 200.824 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

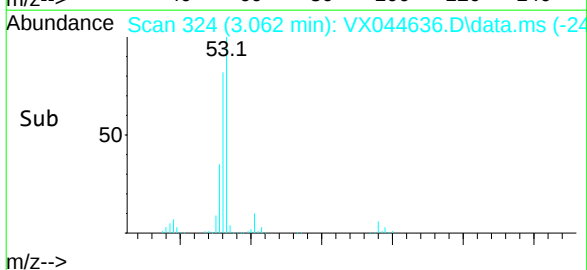
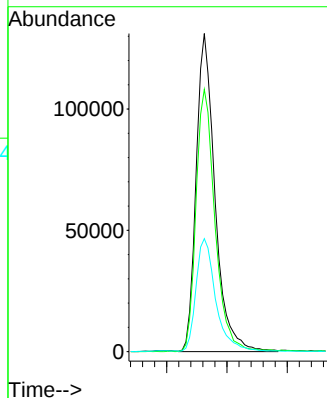
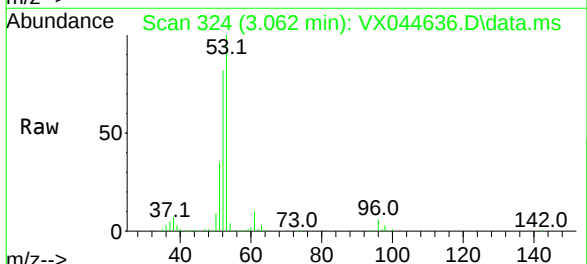
Tgt Ion: 53 Resp: 284783

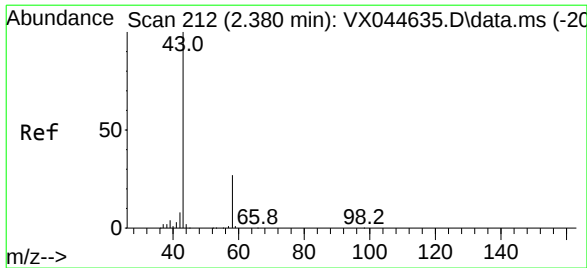
Ion Ratio Lower Upper

53 100

52 82.8 41.5 124.6

51 36.8 18.4 55.4





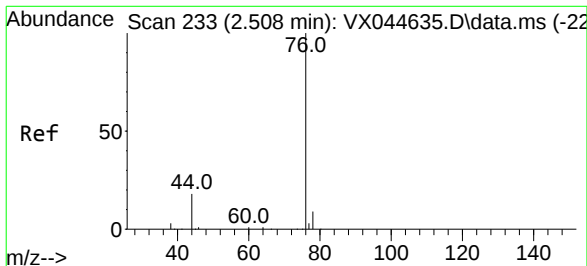
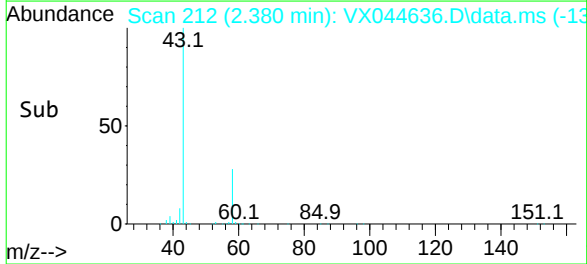
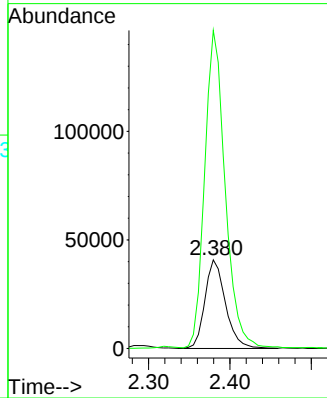
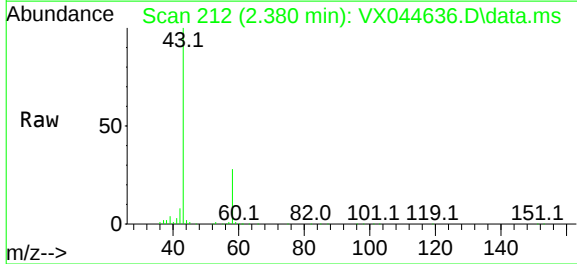
#15
Acetone
Concen: 186.773 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 58 Resp: 71699
Ion Ratio Lower Upper
58 100
43 357.7 293.6 440.4

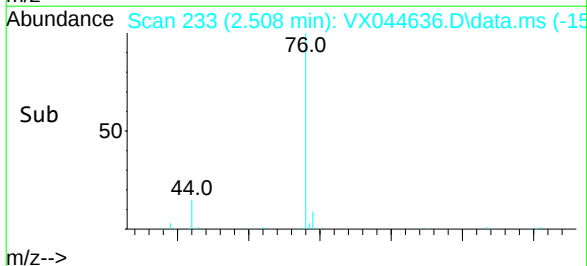
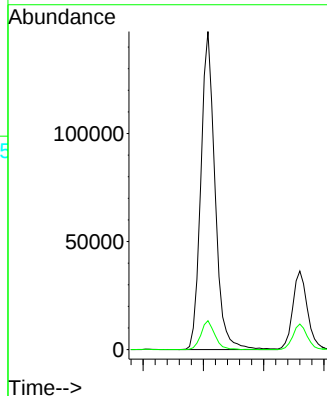
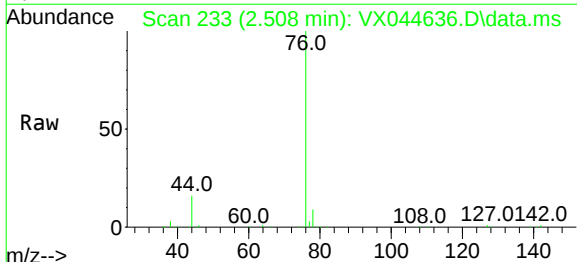
Manual Integrations
APPROVED

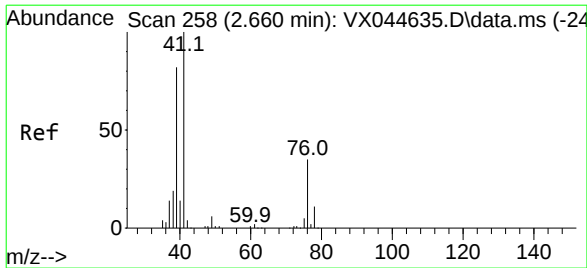
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#16
Carbon Disulfide
Concen: 40.218 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Tgt Ion: 76 Resp: 240380
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4





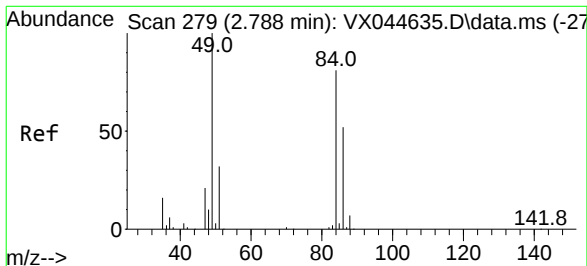
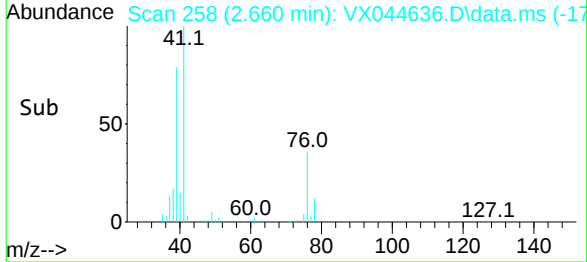
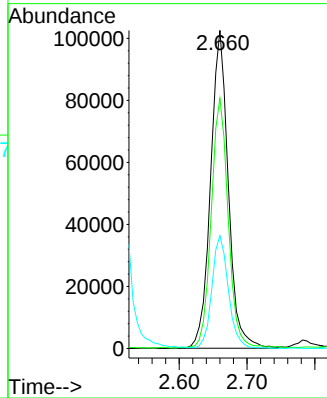
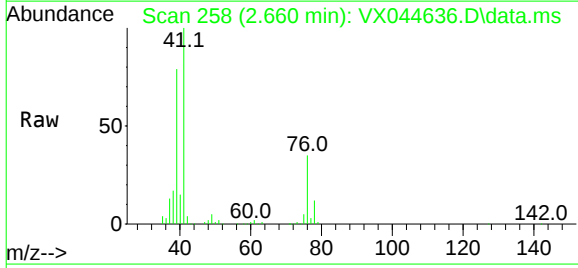
#17
 Allyl chloride
 Concen: 45.729 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX044636.D
 Acq: 09 Jan 2025 00:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Tgt Ion:	41	Resp:	186193
Ion	Ratio	Lower	Upper
41	100		
39	78.4	40.9	122.7
76	35.4	17.4	52.2

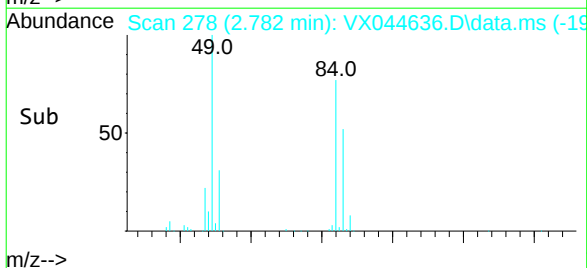
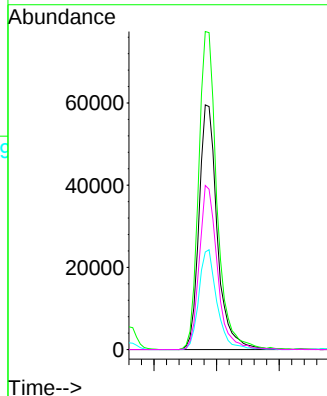
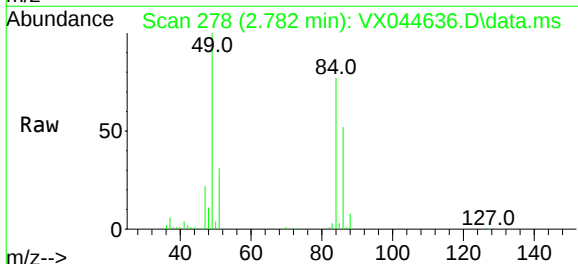
Manual Integrations
 APPROVED

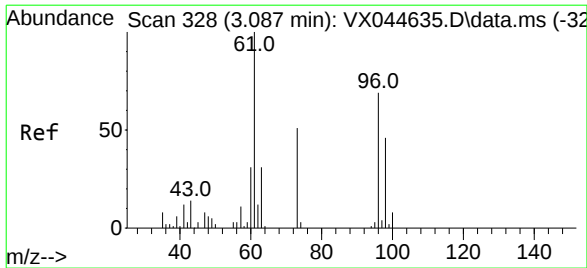
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#18
 Methylene Chloride
 Concen: 48.558 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX044636.D
 Acq: 09 Jan 2025 00:55

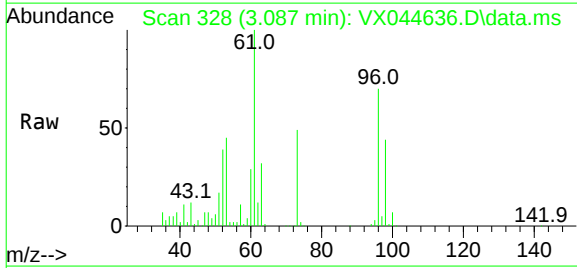
Tgt Ion:	84	Resp:	120720
Ion	Ratio	Lower	Upper
84	100		
49	130.0	99.2	148.8
51	39.9	31.7	47.5
86	67.1	52.0	78.0





#19
trans-1,2-Dichloroethene
Concen: 48.625 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

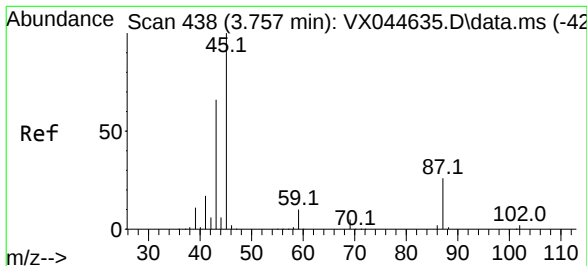
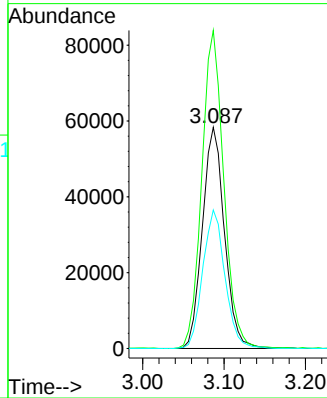
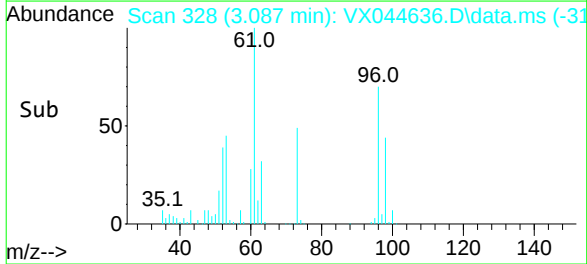
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 96 Resp: 109981
Ion Ratio Lower Upper
96 100
61 143.5 116.6 175.0
98 62.6 53.3 79.9

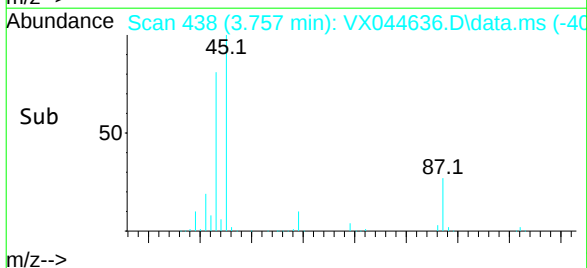
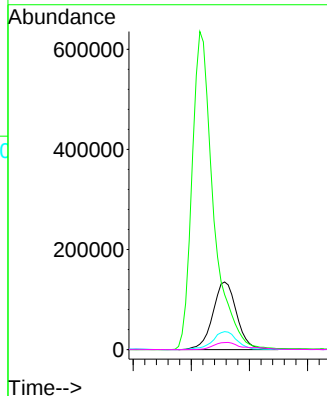
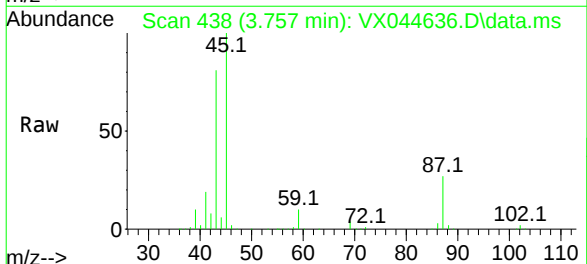
Manual Integrations
APPROVED

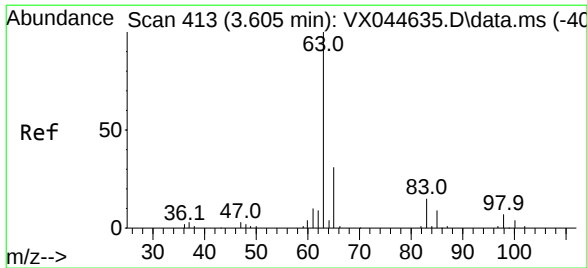
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#20
Diisopropyl ether
Concen: 47.570 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Tgt Ion: 45 Resp: 386902
Ion Ratio Lower Upper
45 100
43 80.0 62.0 93.0
87 26.6 20.6 30.8
59 10.4 8.4 12.6





#21

1,1-Dichloroethane

Concen: 49.565 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

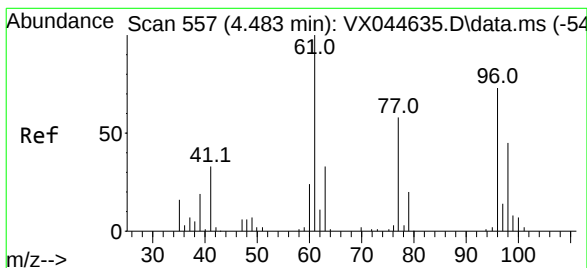
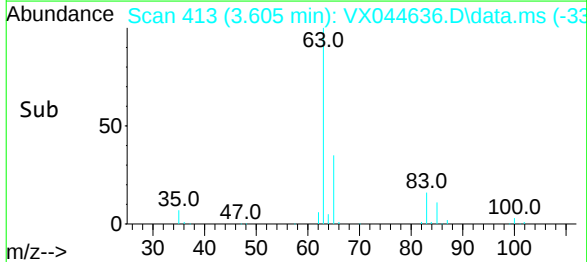
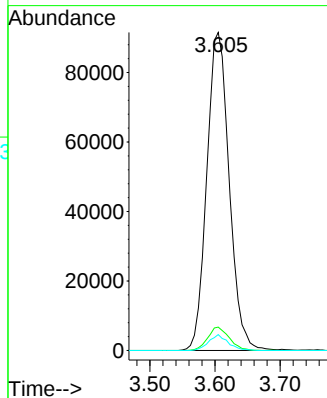
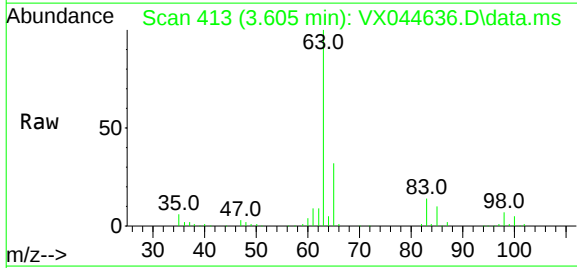
Tgt Ion:	63	Resp:	219023
Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.4	10.1
100	5.0	2.2	6.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#22

cis-1,2-Dichloroethene

Concen: 49.184 ug/l

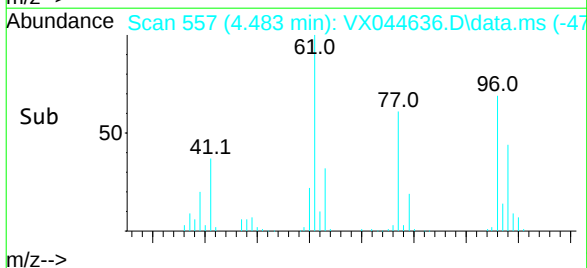
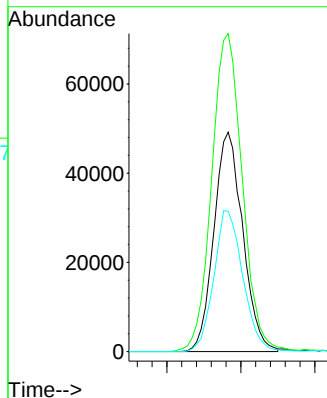
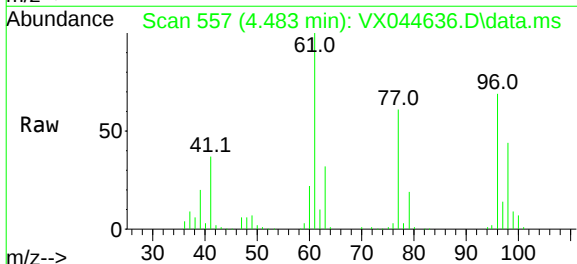
RT: 4.483 min Scan# 557

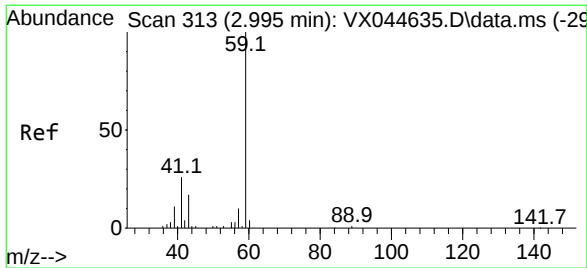
Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Tgt Ion:	96	Resp:	133263
Ion	Ratio	Lower	Upper
96	100		
61	153.7	119.8	179.8
98	64.5	51.6	77.4





#23

tert-Butyl Alcohol

Concen: 162.538 ug/l

RT: 2.995 min Scan# 313

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 59 Resp: 97208

Ion Ratio Lower Upper

59 100

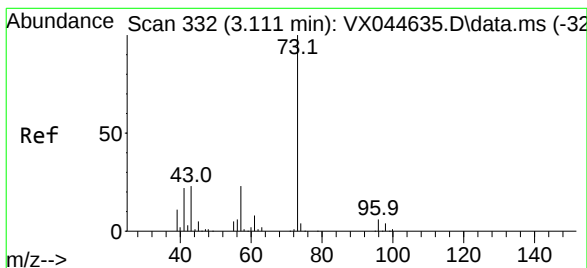
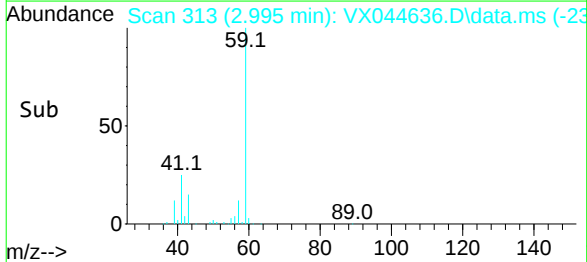
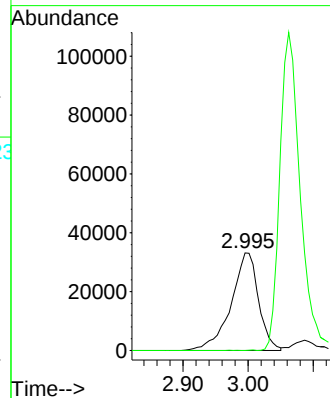
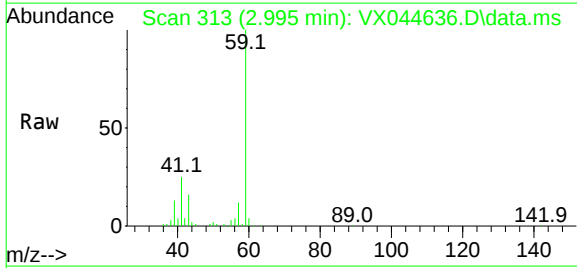
52 0.1 0.0 0.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#24

Methyl tert-Butyl Ether

Concen: 50.716 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX044636.D

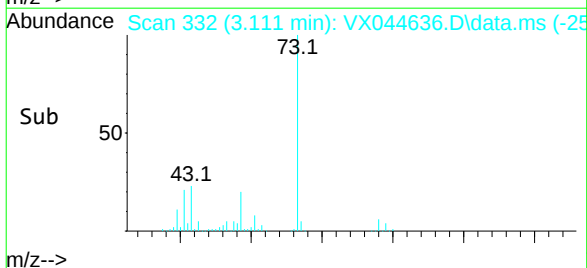
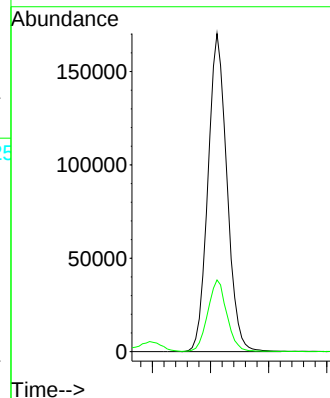
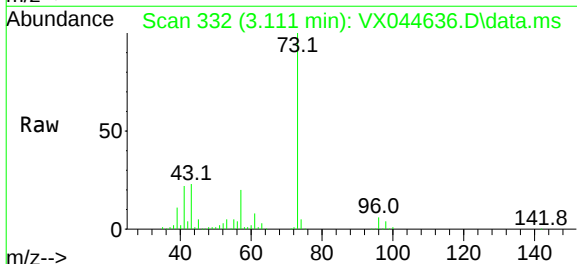
Acq: 09 Jan 2025 00:55

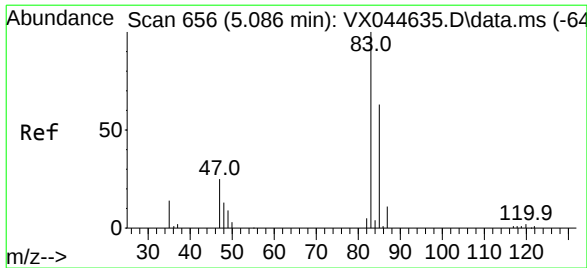
Tgt Ion: 73 Resp: 385930

Ion Ratio Lower Upper

73 100

43 22.6 18.3 27.5





#25

Chloroform

Concen: 54.518 ug/l

RT: 5.086 min Scan# 65

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 83 Resp: 232572

Ion Ratio Lower Upper

83 100

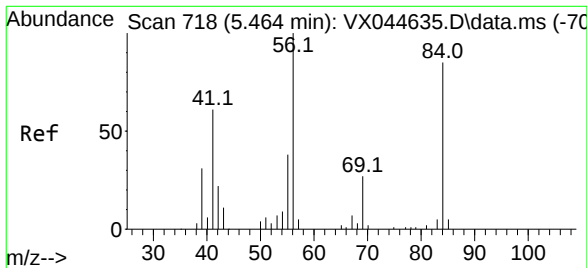
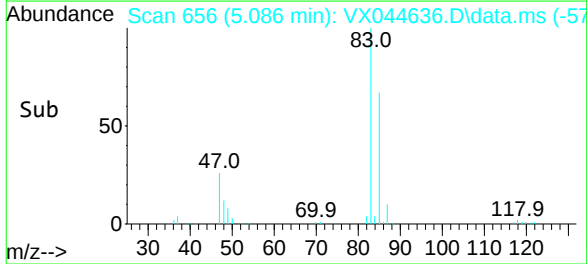
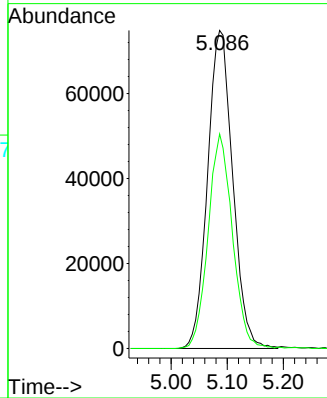
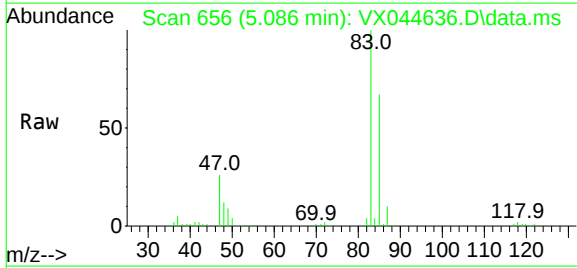
85 67.3 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#26

Cyclohexane

Concen: 44.134 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

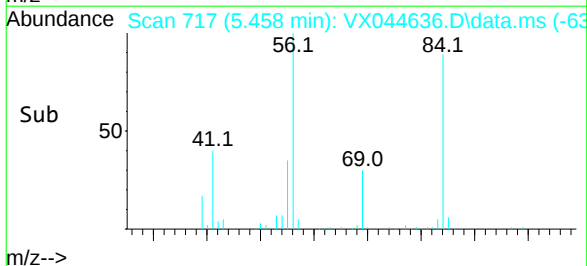
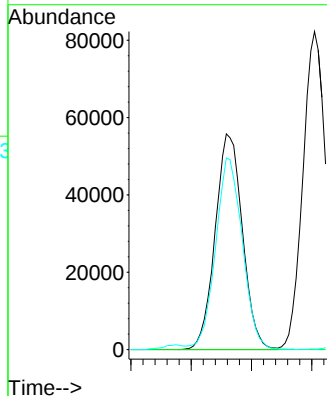
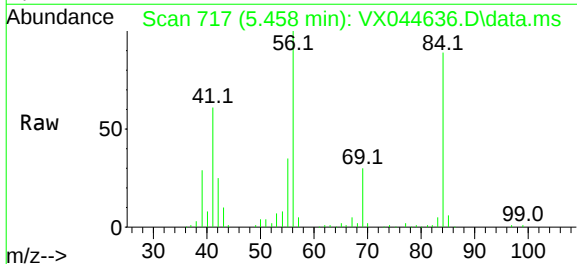
Tgt Ion: 56 Resp: 174838

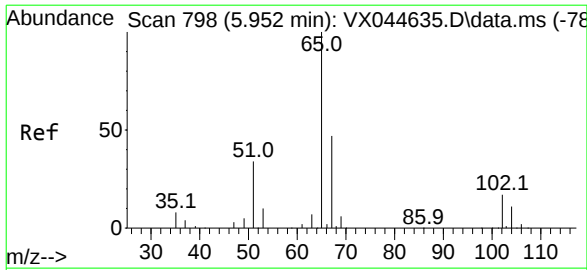
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.0 69.2 103.8





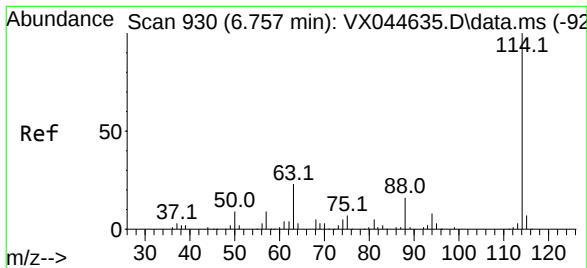
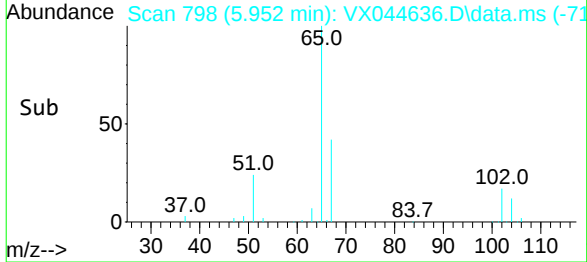
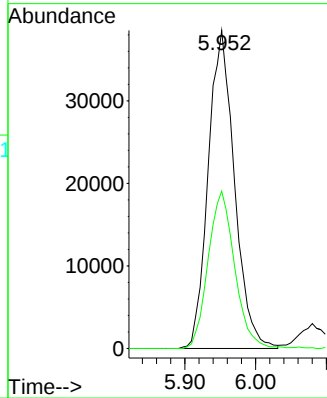
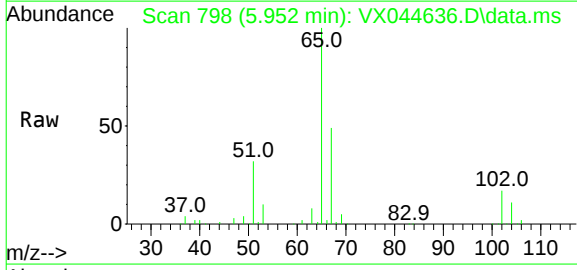
#27
1,2-Dichloroethane-d4
Concen: 36.508 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 65 Resp: 99200
Ion Ratio Lower Upper
65 100
67 49.8 39.1 58.7

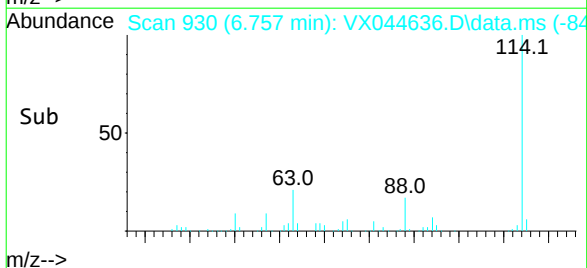
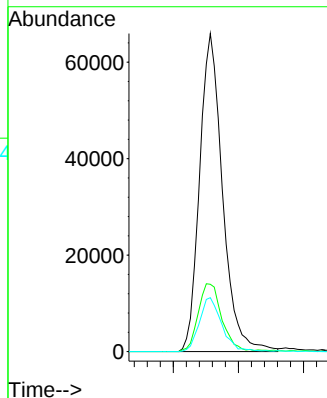
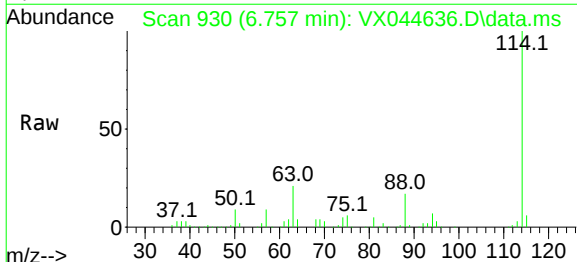
Manual Integrations
APPROVED

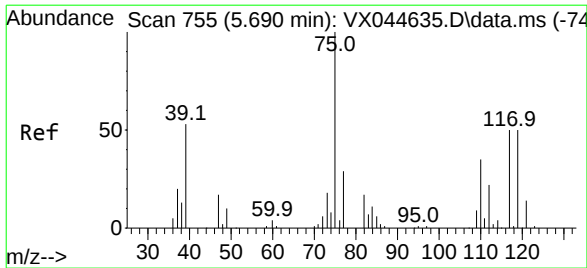
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Tgt Ion:114 Resp: 161623
Ion Ratio Lower Upper
114 100
63 21.9 17.7 26.5
88 16.1 13.1 19.7





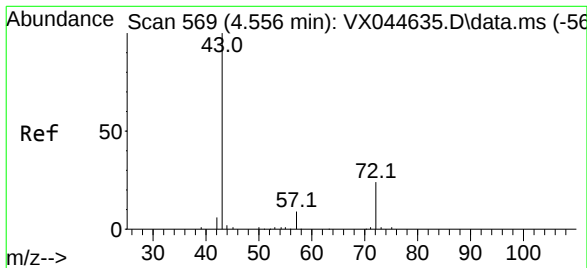
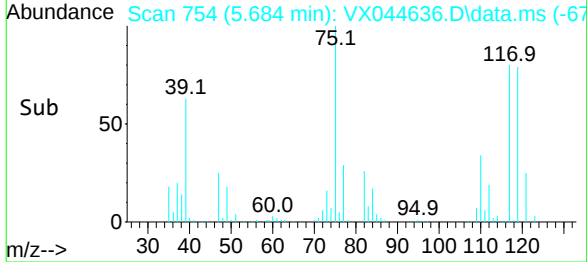
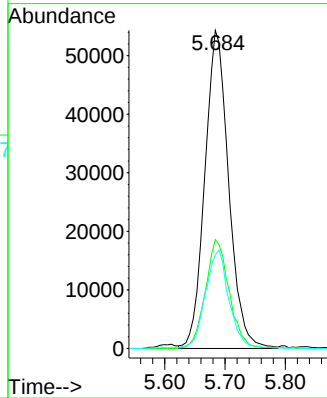
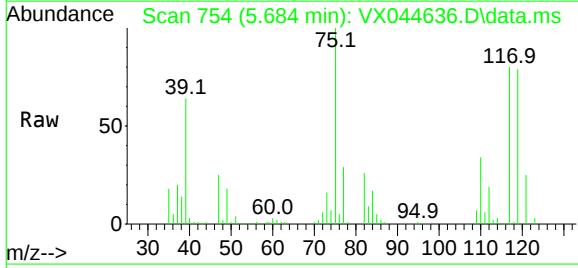
#29
1,1-Dichloropropene
Concen: 58.164 ug/l
RT: 5.684 min Scan# 75
Delta R.T. -0.006 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	0.0	67.4
77	29.6	0.0	62.8

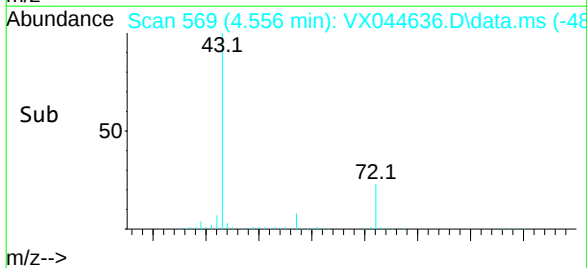
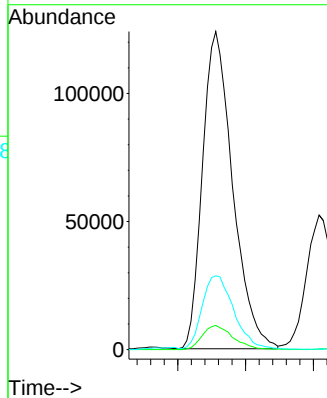
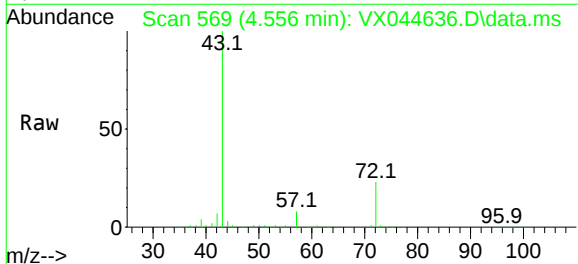
Manual Integrations
APPROVED

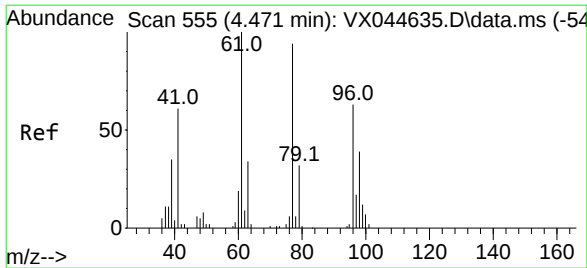
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#30
2-Butanone
Concen: 221.488 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.4	9.6
72	24.7	19.4	29.2





#31

2,2-Dichloropropane

Concen: 54.399 ug/l

RT: 4.465 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX044636.D

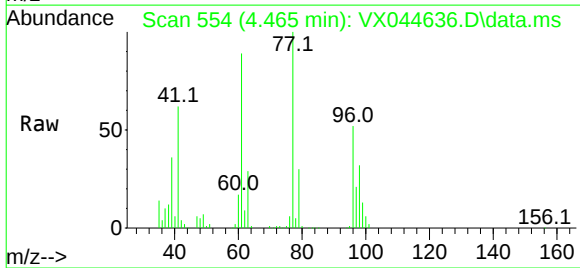
Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050



Tgt Ion: 77 Resp: 170619

Ion Ratio Lower Upper

77 100

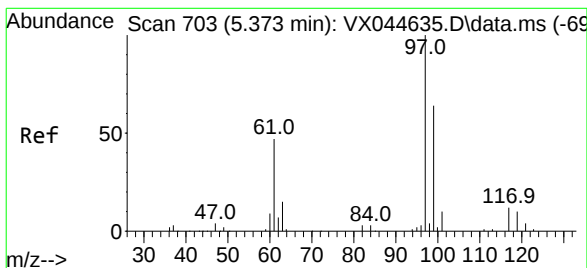
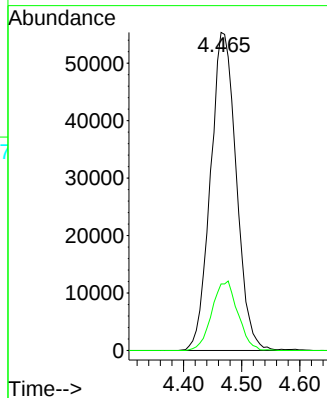
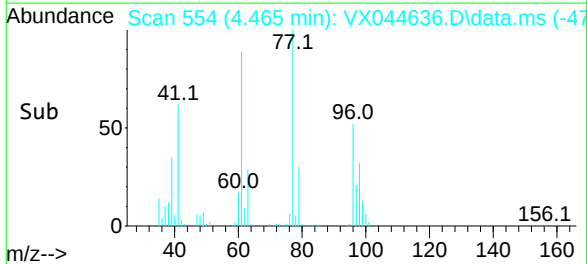
97 21.8 9.3 13.9#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#32

1,1,1-Trichloroethane

Concen: 63.441 ug/l m

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

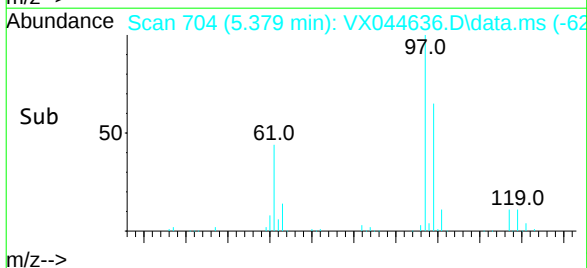
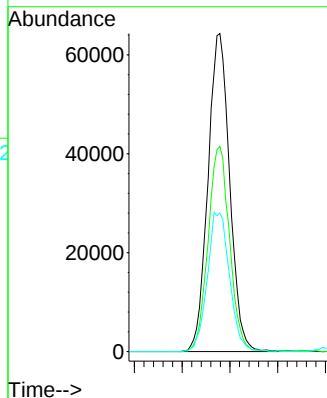
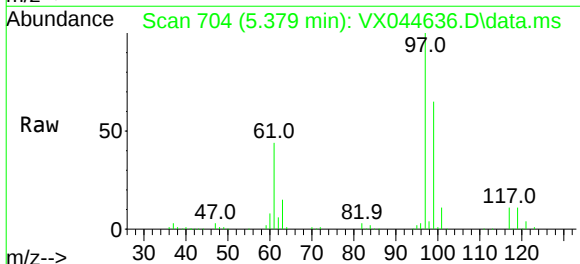
Tgt Ion: 97 Resp: 202988

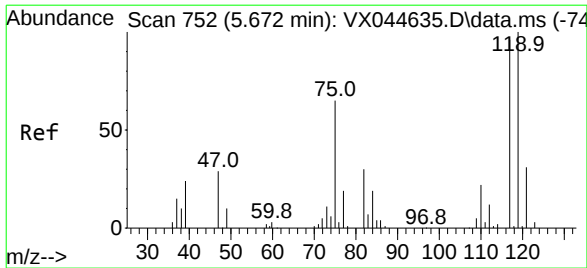
Ion Ratio Lower Upper

97 100

99 0.1 50.2 75.4#

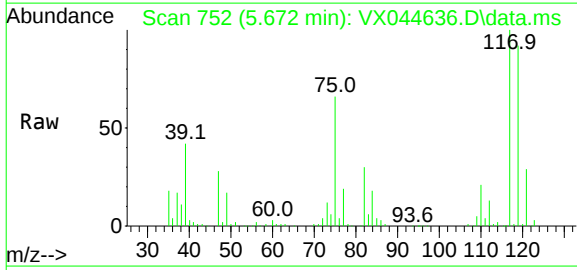
61 0.1 37.4 56.0#





#33
Carbon Tetrachloride
Concen: 64.290 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

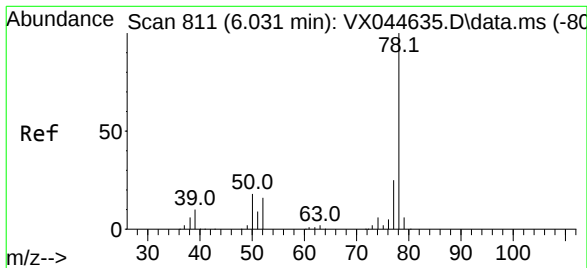
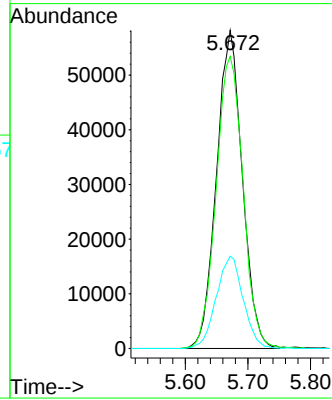
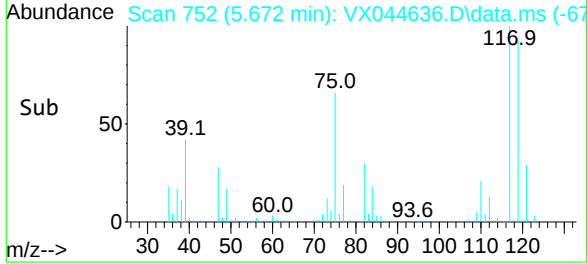
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 117 Resp: 166571
Ion Ratio Lower Upper
117 100
119 91.9 83.0 124.6
121 29.0 25.6 38.4

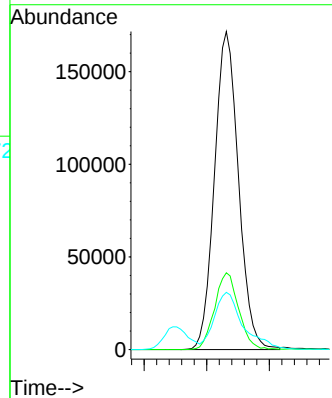
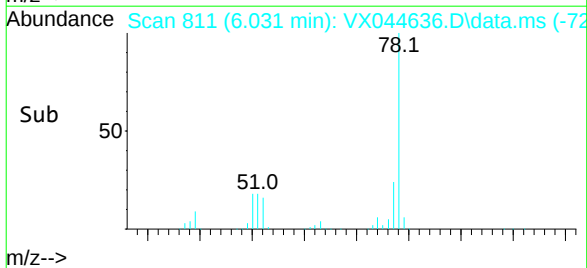
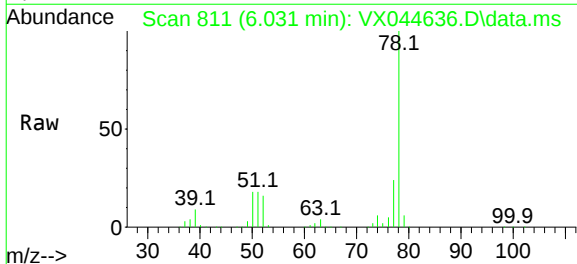
Manual Integrations
APPROVED

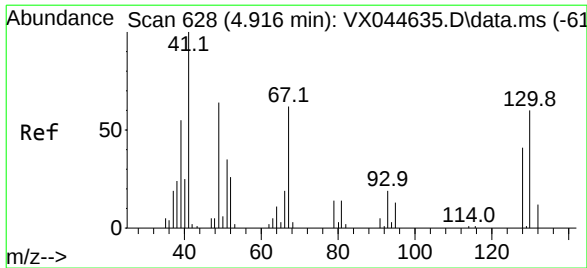
Reviewed By : John Carlone 01/09/2025
Supervised By : Semsettin Yesilyurt 01/09/2025



#34
Benzene
Concen: 54.224 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Tgt Ion: 78 Resp: 456956
Ion Ratio Lower Upper
78 100
77 24.2 19.8 29.6
51 17.3 14.5 21.7





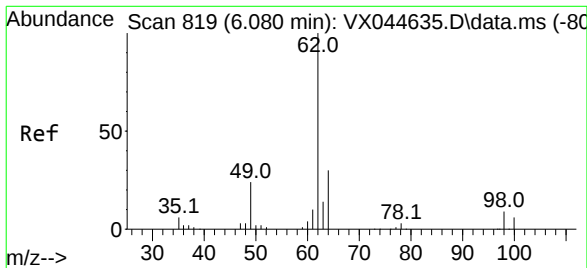
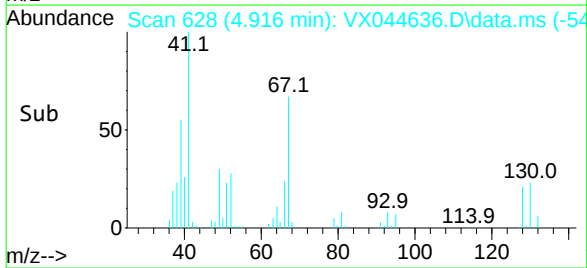
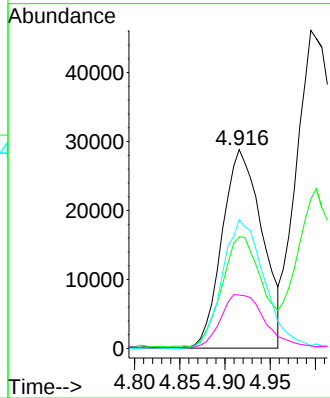
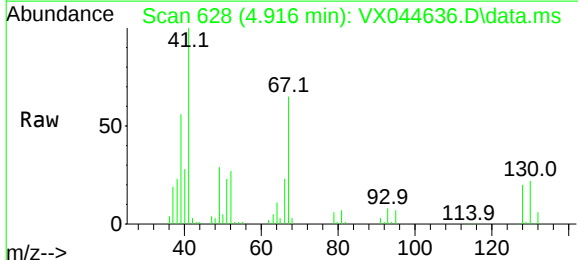
#35
Methacrylonitrile
Concen: 48.144 ug/l
RT: 4.916 min Scan# 628
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 41 Resp: 88696
Ion Ratio Lower Upper
41 100
39 55.2 27.7 83.0
67 64.9 31.1 93.3
52 26.4 13.1 39.1

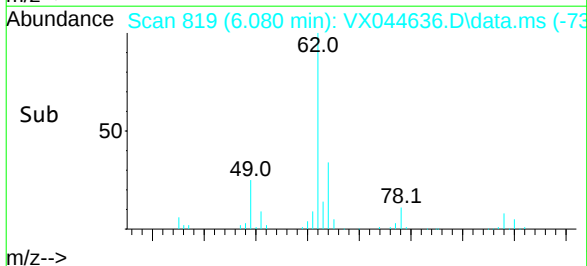
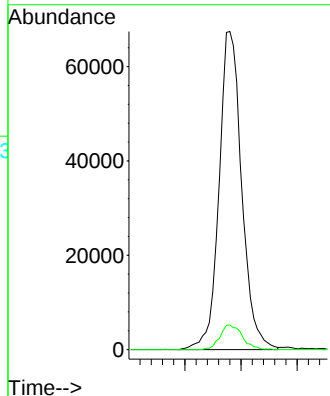
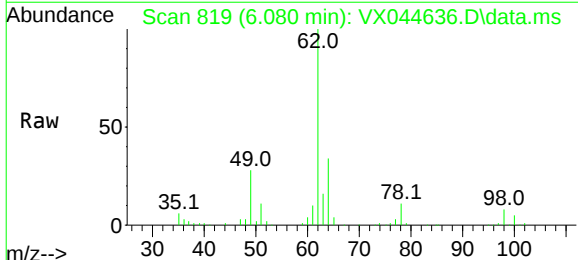
Manual Integrations
APPROVED

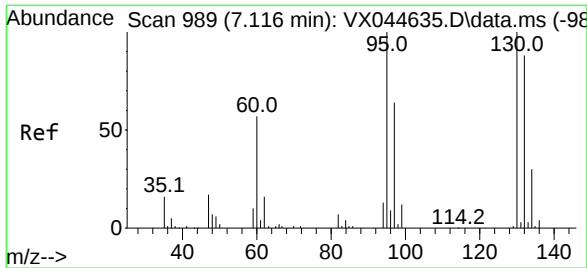
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#36
1,2-Dichloroethane
Concen: 67.219 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

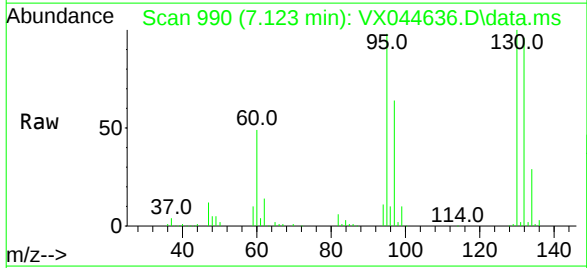
Tgt Ion: 62 Resp: 189094
Ion Ratio Lower Upper
62 100
98 7.6 6.7 10.1





#37
Trichloroethene
Concen: 63.902 ug/l
RT: 7.123 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

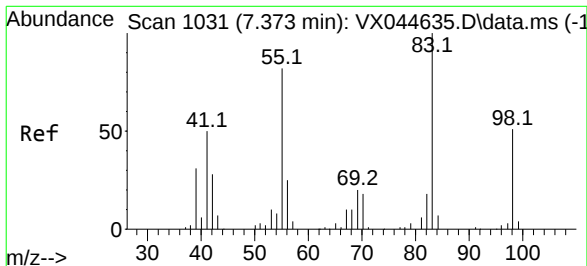
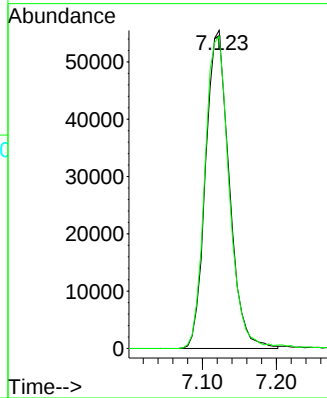
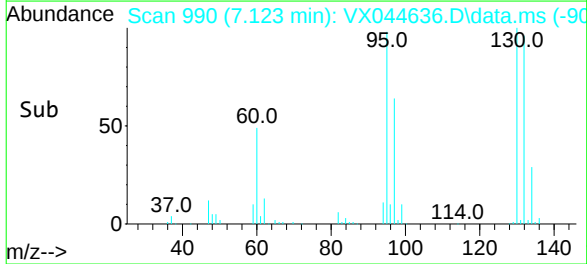
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



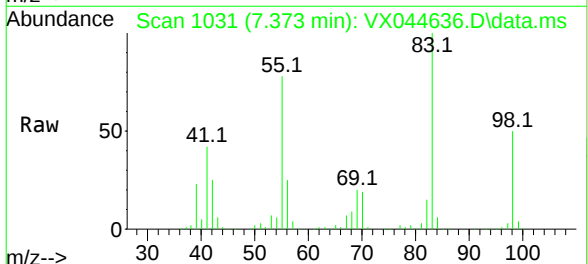
Tgt Ion:130 Resp: 123206
Ion Ratio Lower Upper
130 100
95 98.1 80.2 120.4

Manual Integrations
APPROVED

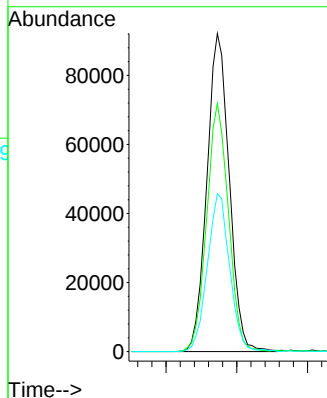
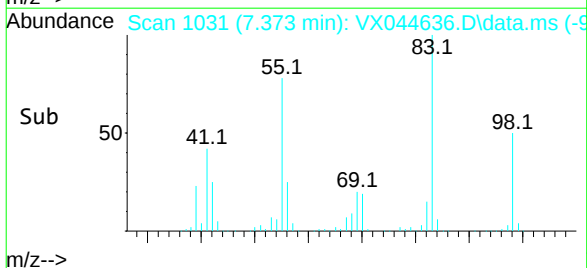
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

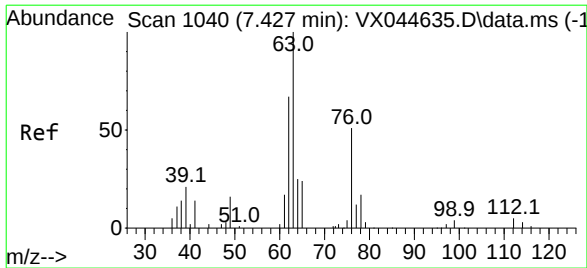


#38
Methylcyclohexane
Concen: 58.817 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55



Tgt Ion: 83 Resp: 202140
Ion Ratio Lower Upper
83 100
55 76.0 40.0 120.0
98 49.3 24.4 73.2





#39

1,2-Dichloropropane

Concen: 57.864 ug/l

RT: 7.427 min Scan# 10

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 120071

Ion Ratio Lower Upper

63 100

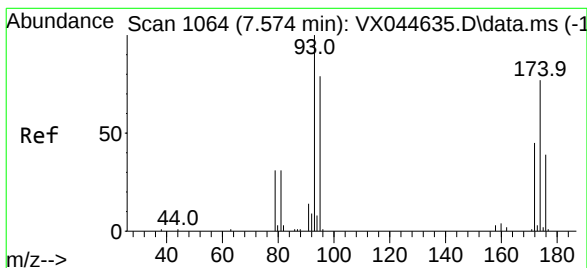
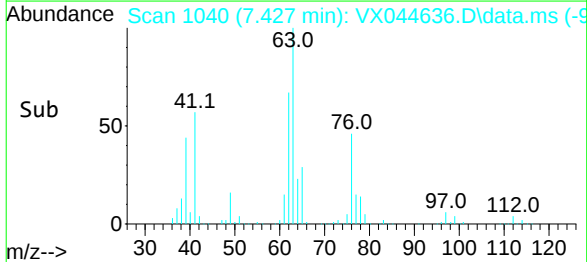
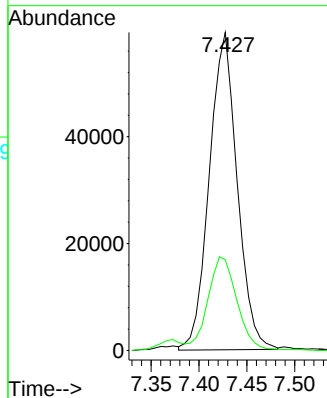
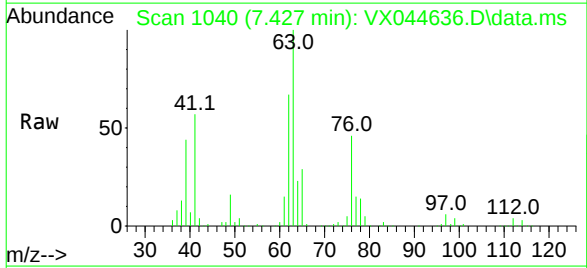
65 28.4 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#40

Dibromomethane

Concen: 64.210 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

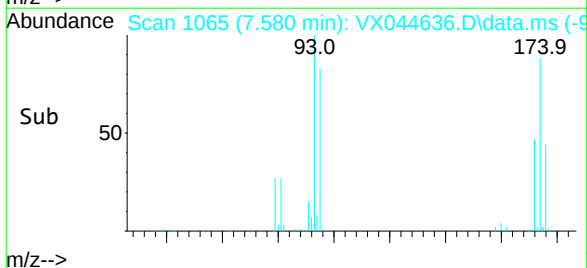
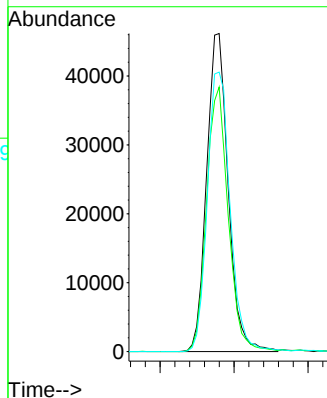
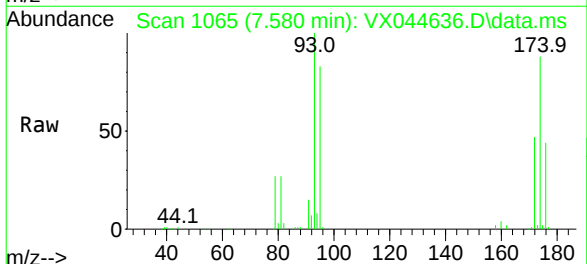
Tgt Ion: 93 Resp: 93585

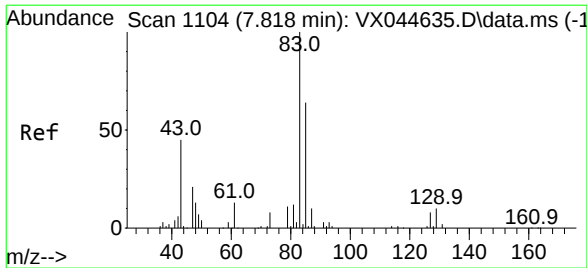
Ion Ratio Lower Upper

93 100

95 83.4 0.0 165.2

174 92.9 0.0 176.2





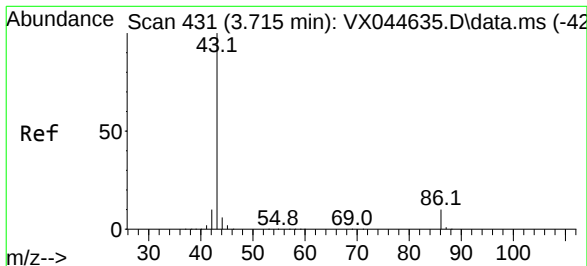
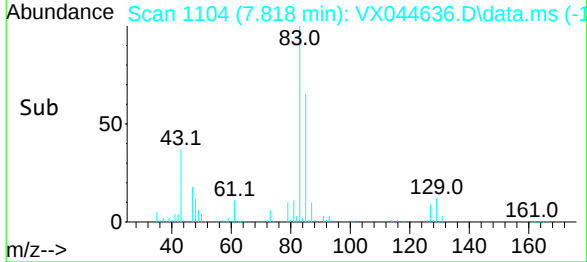
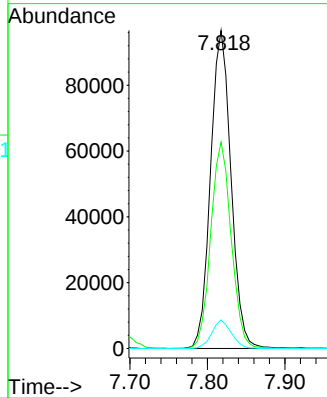
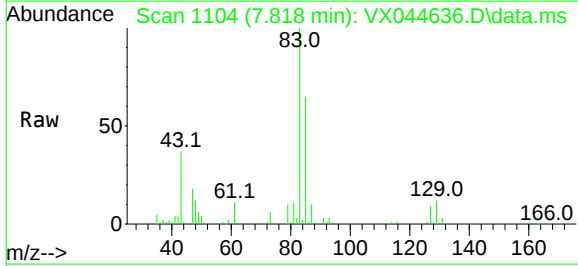
#41
Bromodichloromethane
Concen: 62.410 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 177255
Ion Ratio Lower Upper
83 100
85 64.7 50.8 76.2
127 9.0 6.6 9.8

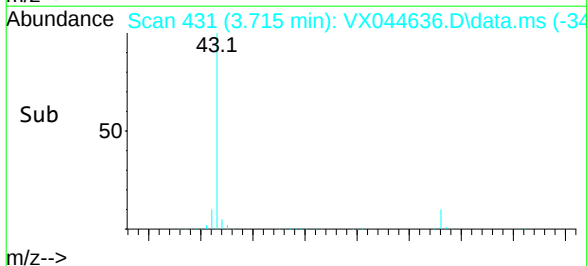
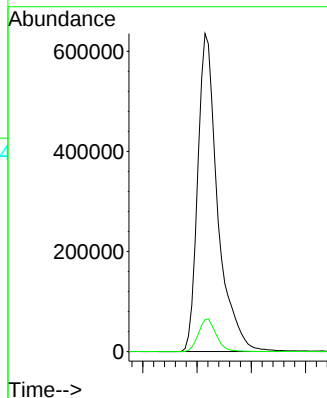
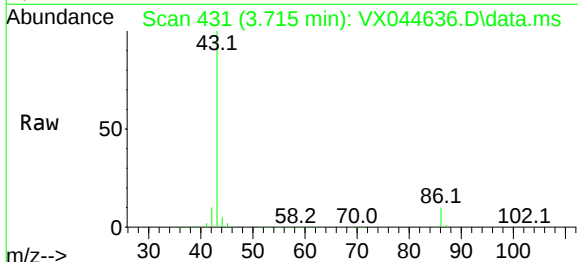
Manual Integrations
APPROVED

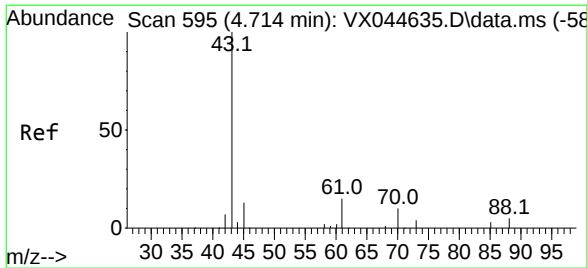
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#42
Vinyl Acetate
Concen: 212.125 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Tgt Ion: 43 Resp: 1623807
Ion Ratio Lower Upper
43 100
86 9.1 7.1 10.7





#43

Ethyl Acetate

Concen: 47.181 ug/l

RT: 4.708 min Scan# 59

Delta R.T. -0.006 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 157721

Ion Ratio Lower Upper

43 100

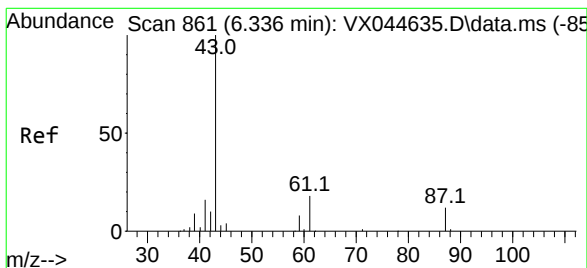
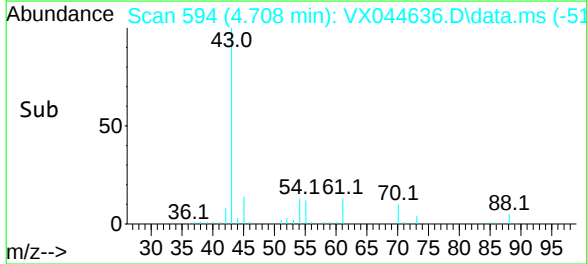
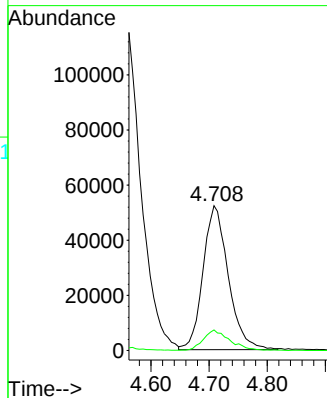
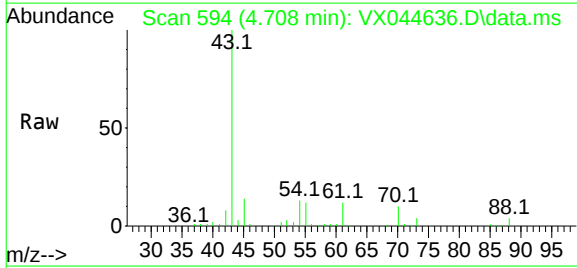
45 14.3 6.7 10.1#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#44

Isopropyl Acetate

Concen: 49.074 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX044636.D

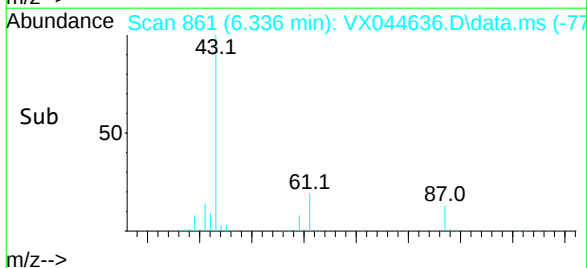
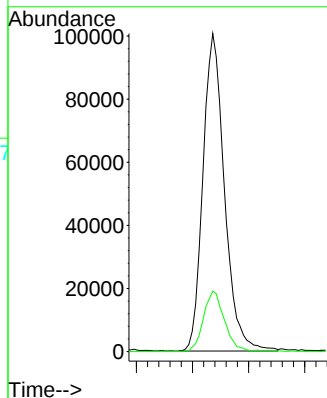
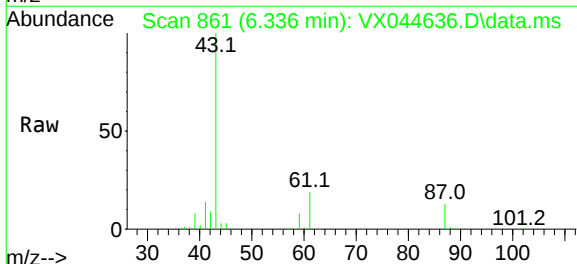
Acq: 09 Jan 2025 00:55

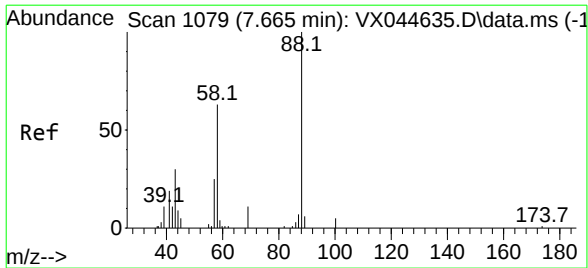
Tgt Ion: 43 Resp: 268062

Ion Ratio Lower Upper

43 100

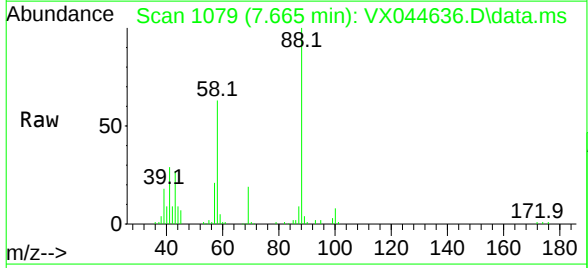
61 18.4 14.2 21.2





#45
1,4-Dioxane
Concen: 784.937 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

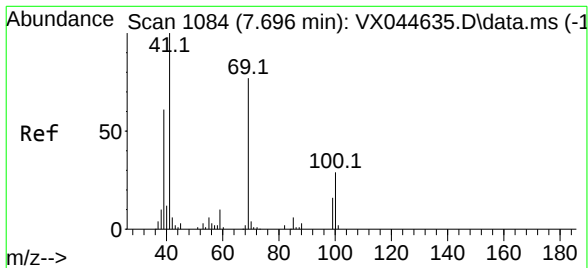
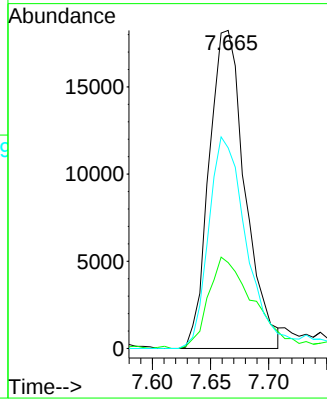
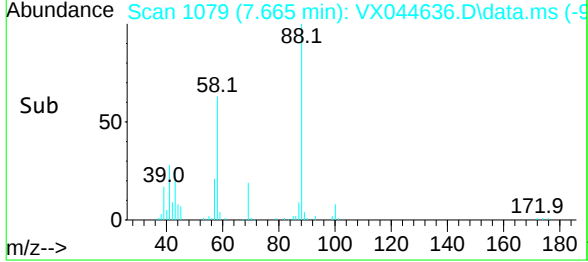
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 88 Resp: 39226
Ion Ratio Lower Upper
88 100
43 36.1 31.0 46.4
58 70.2 56.6 84.8

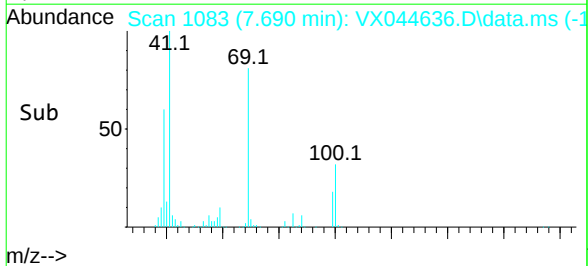
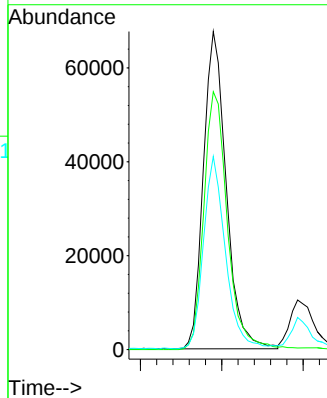
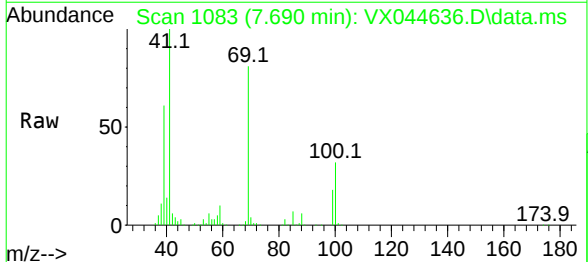
Manual Integrations
APPROVED

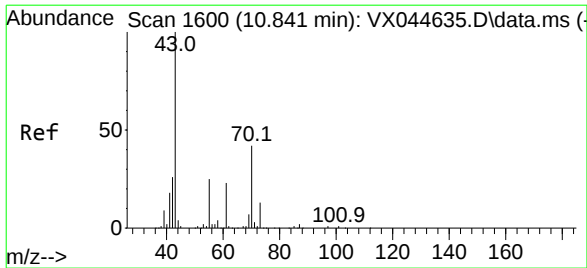
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#46
Methyl methacrylate
Concen: 50.245 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Tgt Ion: 41 Resp: 131809
Ion Ratio Lower Upper
41 100
69 81.4 38.6 115.8
39 60.6 30.7 92.1





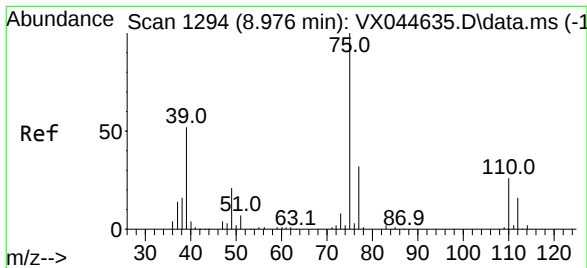
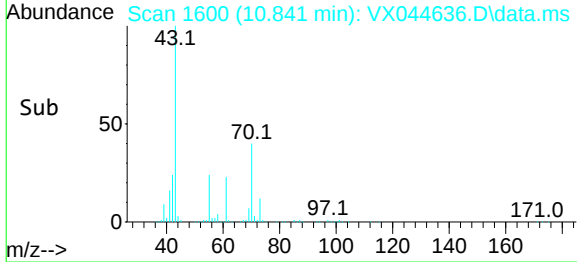
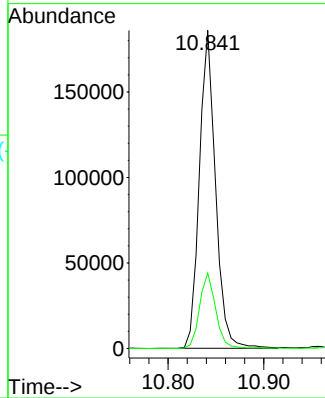
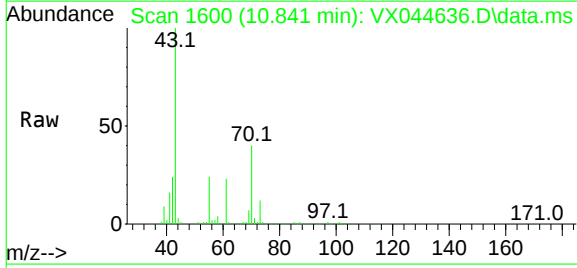
#47
n-amy1 Acetate
Concen: 45.962 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 217638
Ion Ratio Lower Upper
43 100
55 23.5 19.7 29.5

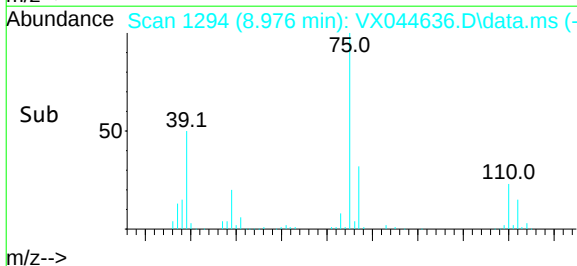
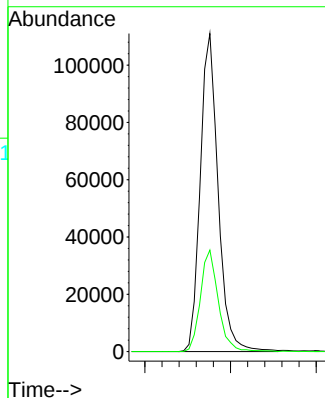
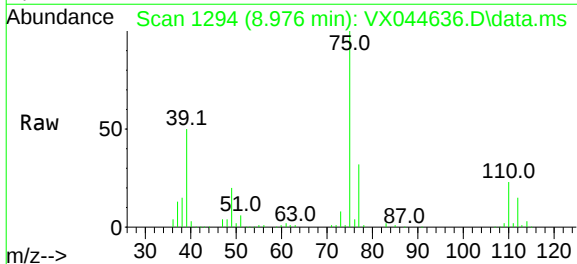
Manual Integrations
APPROVED

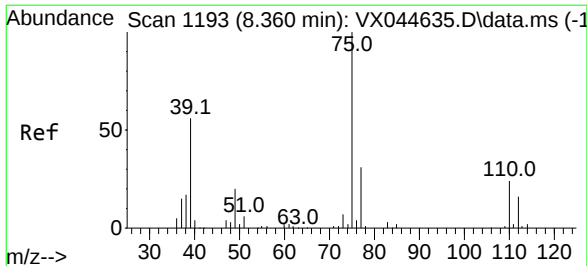
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#48
t-1,3-Dichloropropene
Concen: 52.866 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Tgt Ion: 75 Resp: 160894
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 58.998 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044636.D

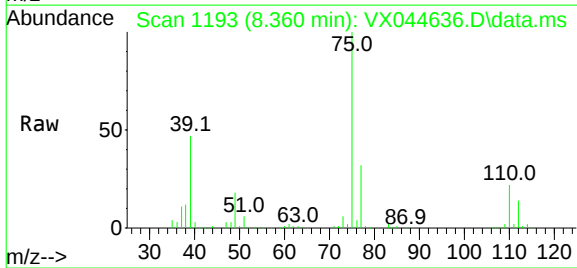
Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050



Tgt Ion: 75 Resp: 196733

Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7

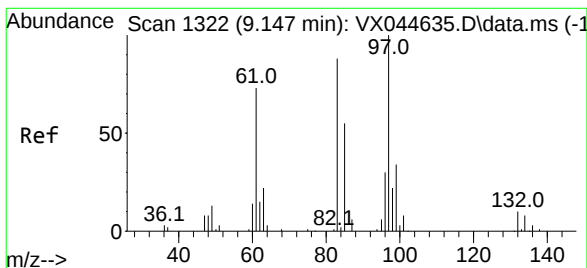
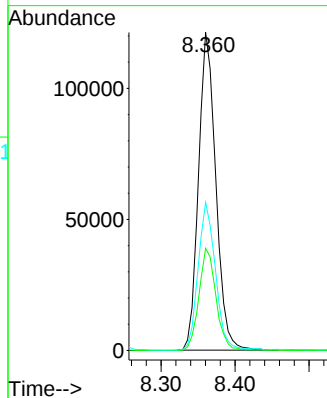
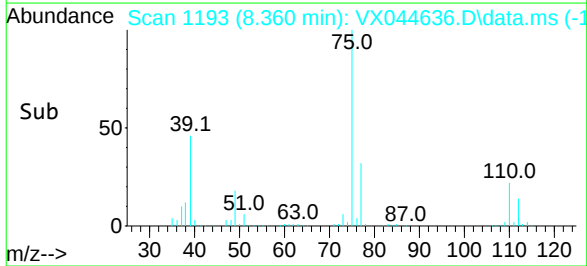
39 46.5 44.8 67.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#50

1,1,2-Trichloroethane

Concen: 55.543 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Tgt Ion: 97 Resp: 109095

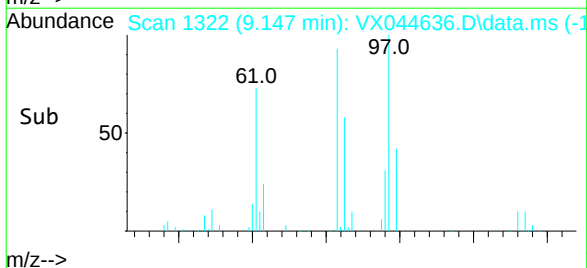
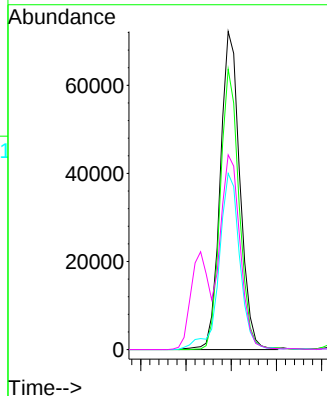
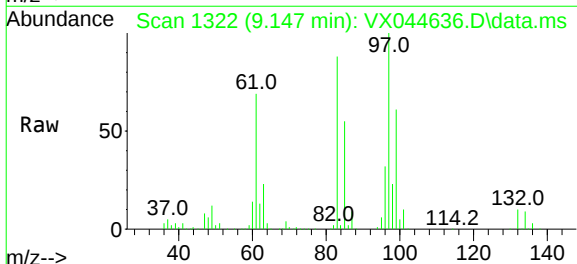
Ion Ratio Lower Upper

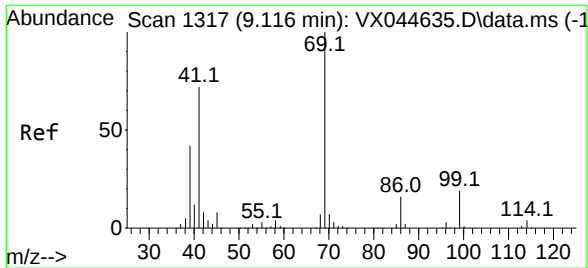
97 100

83 88.2 70.5 105.7

85 55.3 45.4 68.2

99 60.9 51.1 76.7





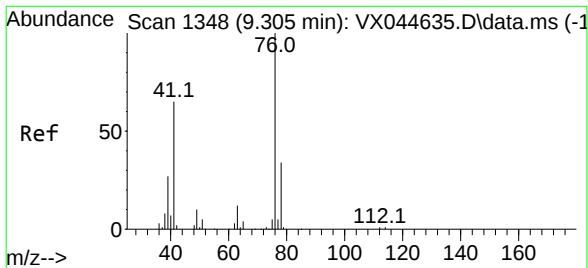
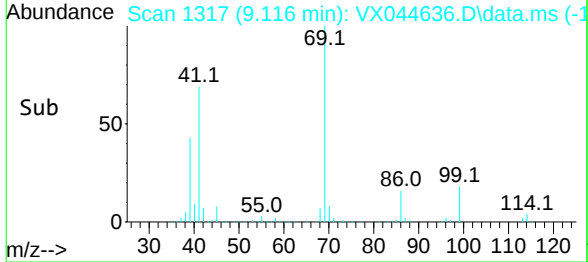
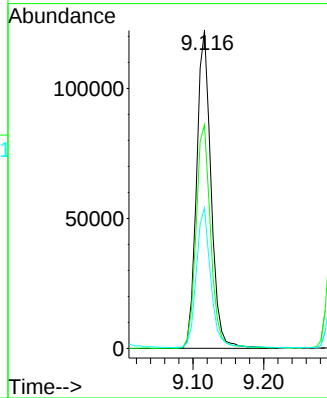
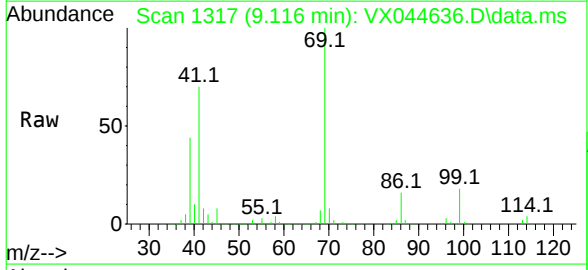
#51
Ethyl methacrylate
Concen: 48.757 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 69 Resp: 172744
Ion Ratio Lower Upper
69 100
41 70.2 35.8 107.4
39 44.0 21.0 63.0

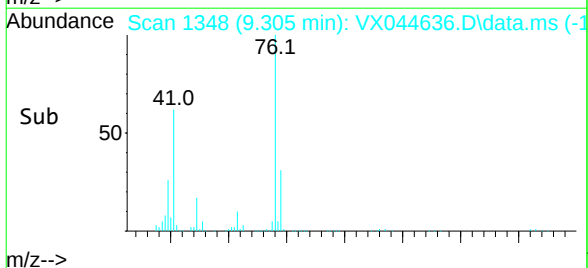
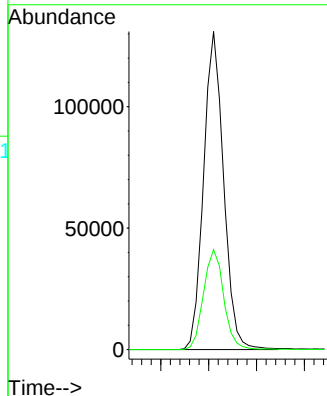
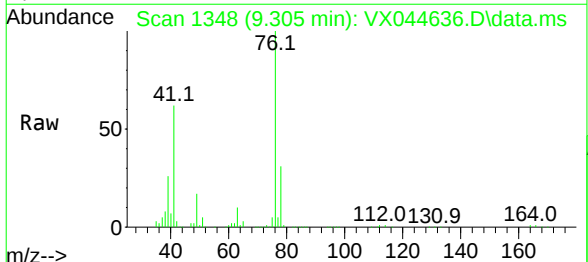
Manual Integrations
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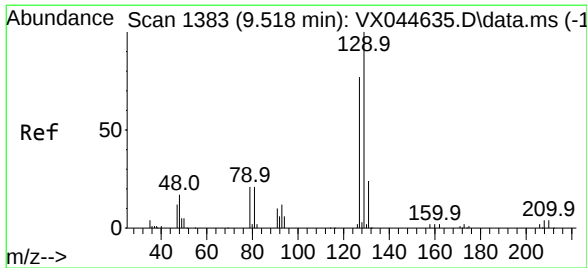
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#52
1,3-Dichloropropane
Concen: 55.205 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Tgt Ion: 76 Resp: 190167
Ion Ratio Lower Upper
76 100
78 31.7 0.0 66.0





#53

Dibromochloromethane

Concen: 55.488 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:129 Resp: 115796

Ion Ratio Lower Upper

129 100

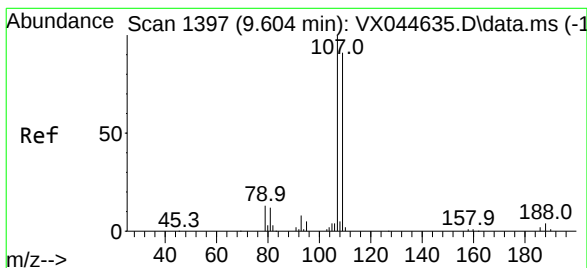
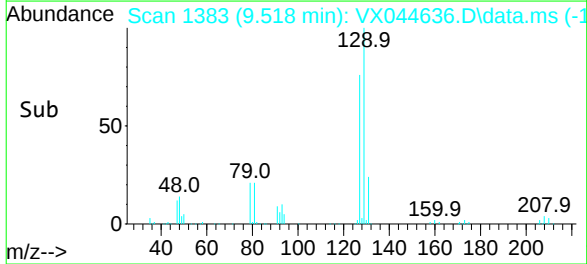
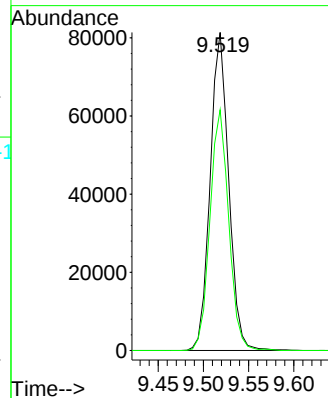
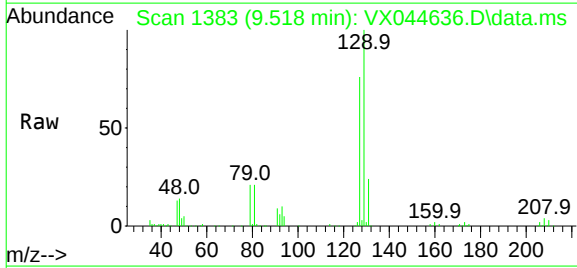
127 76.6 39.0 116.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#54

1,2-Dibromoethane

Concen: 55.671 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VX044636.D

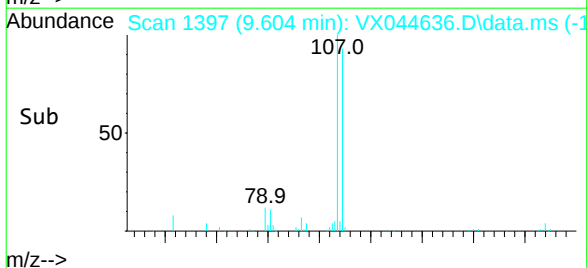
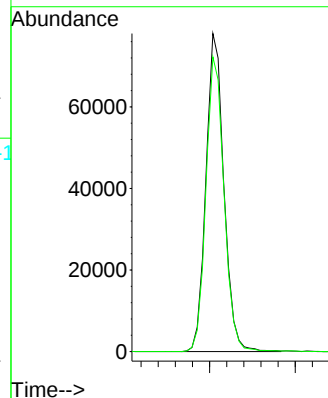
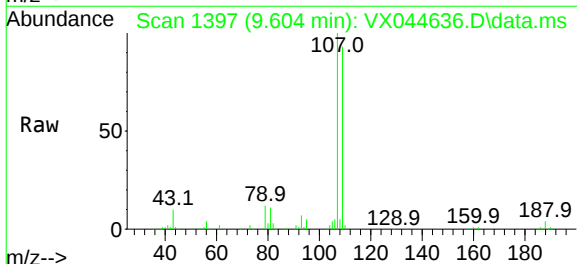
Acq: 09 Jan 2025 00:55

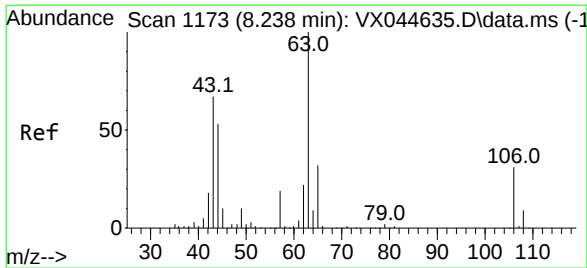
Tgt Ion:107 Resp: 113395

Ion Ratio Lower Upper

107 100

109 93.4 73.9 110.9





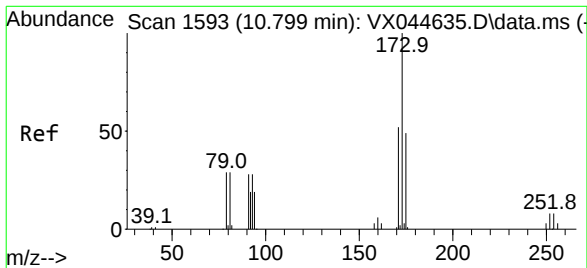
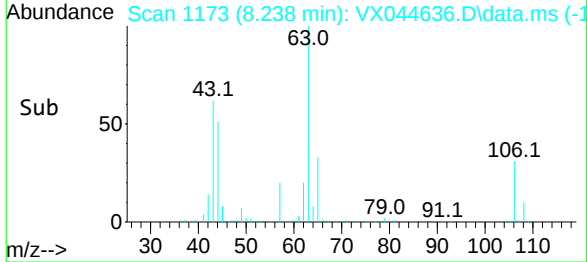
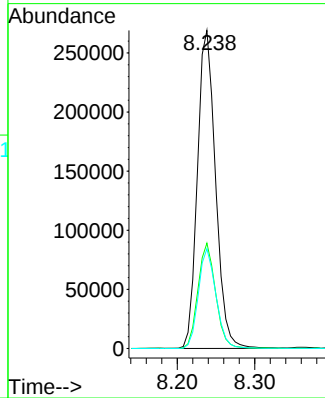
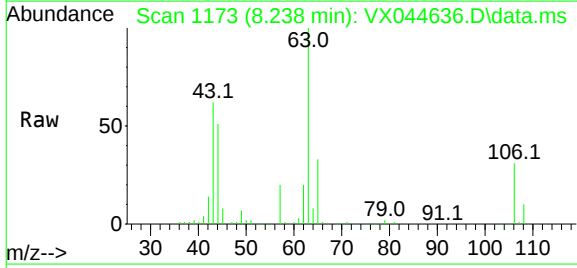
#55
2-Chloroethyl vinyl ether
Concen: 267.714 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:	63	Resp:	437772
Ion	Ratio	Lower	Upper
63	100		
65	32.2	26.1	39.1
106	30.4	22.6	33.8

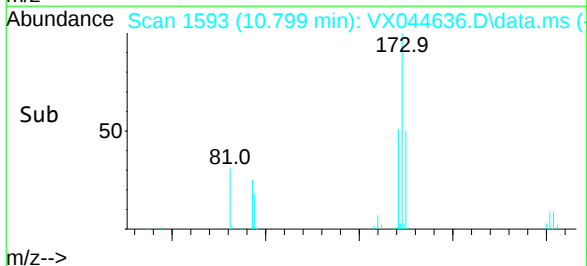
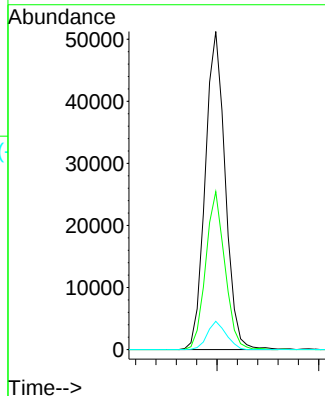
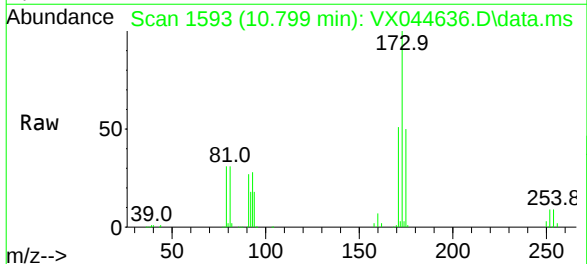
Manual Integrations
APPROVED

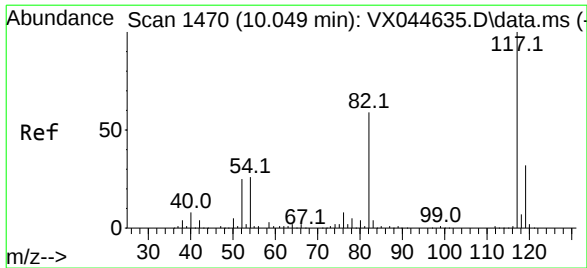
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#56
Bromoform
Concen: 49.781 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Tgt Ion:	173	Resp:	69918
Ion	Ratio	Lower	Upper
173	100		
175	47.6	39.1	58.7
254	8.4	5.8	8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

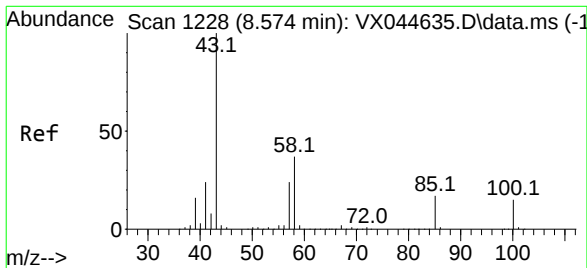
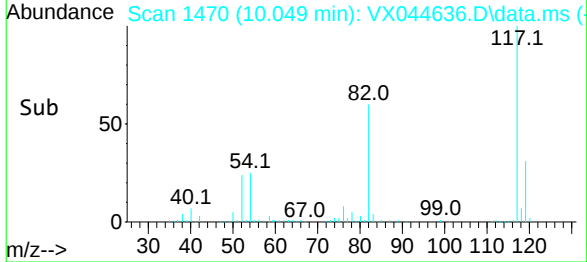
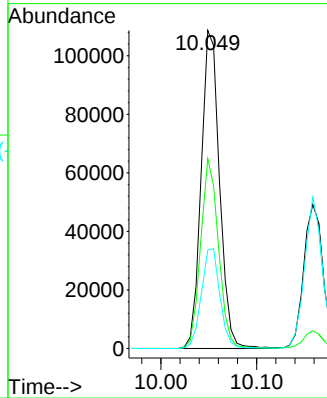
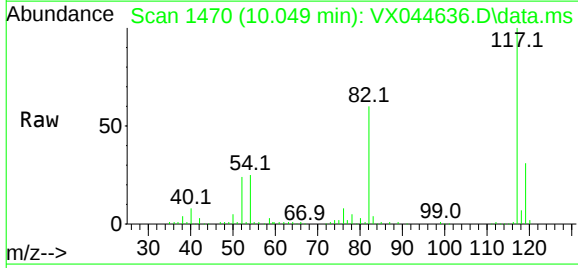
Tgt Ion:	117	Resp:	144761
Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.2	69.4
119	31.8	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#58

4-Methyl-2-Pentanone

Concen: 248.030 ug/l

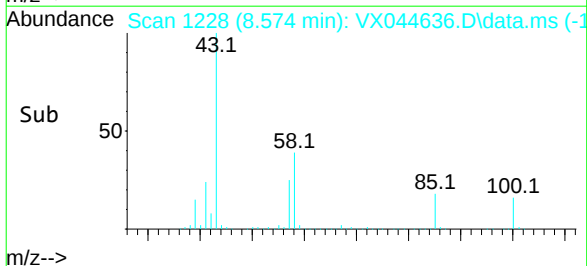
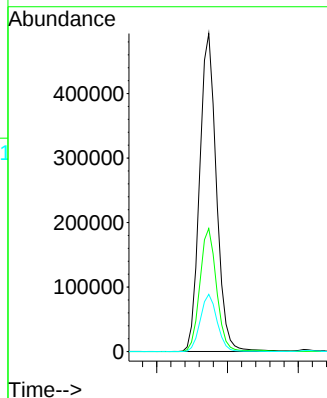
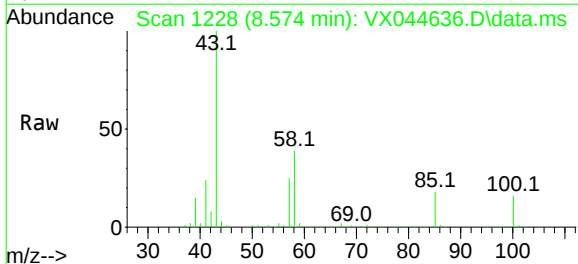
RT: 8.574 min Scan# 1228

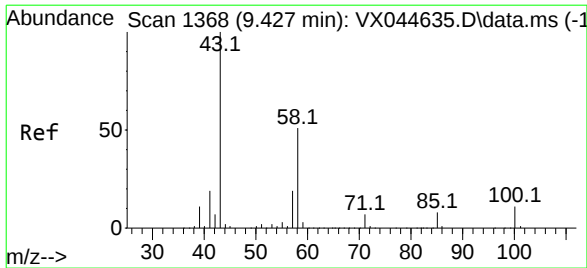
Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Tgt Ion:	43	Resp:	812086
Ion	Ratio	Lower	Upper
43	100		
58	38.3	29.4	44.0
85	18.0	13.4	20.2





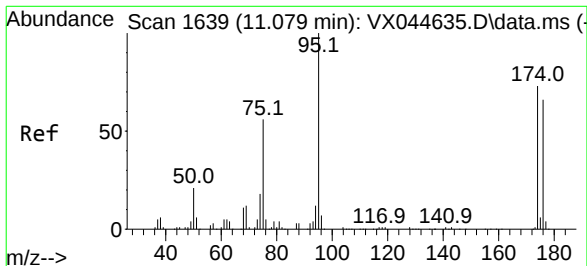
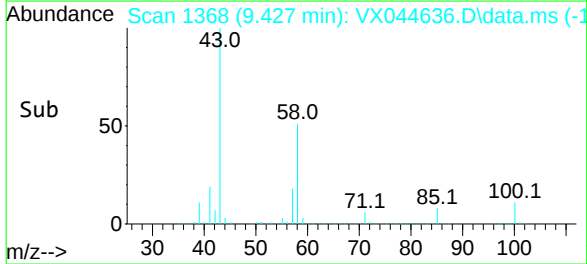
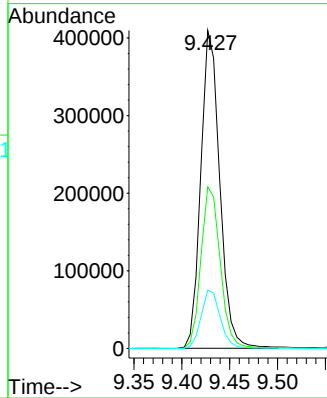
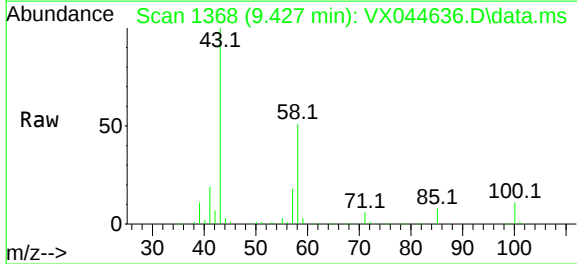
#59
2-Hexanone
Concen: 224.996 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 565334
Ion Ratio Lower Upper
43 100
58 51.8 40.8 61.2
57 18.7 15.2 22.8

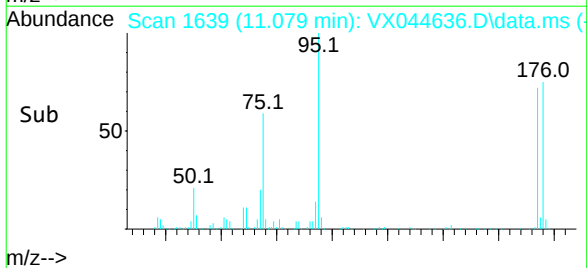
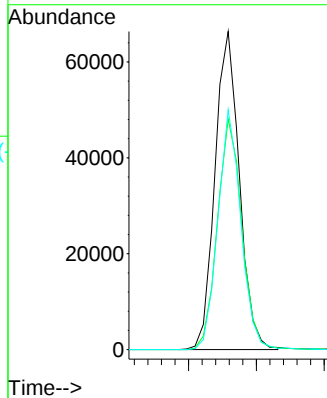
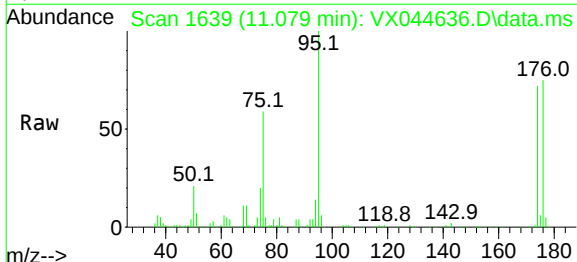
Manual Integrations
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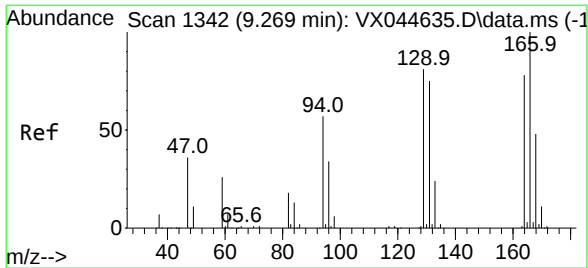
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#60
4-Bromofluorobenzene
Concen: 32.747 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

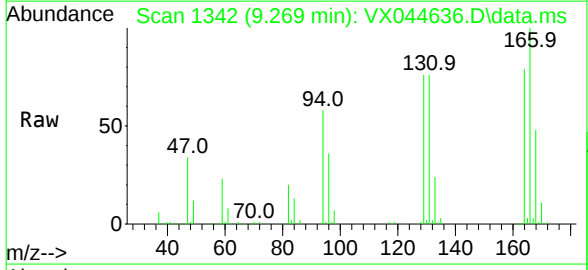
Tgt Ion: 95 Resp: 82979
Ion Ratio Lower Upper
95 100
174 72.6 58.6 88.0
176 70.8 55.2 82.8





#61
Tetrachloroethene
Concen: 58.906 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

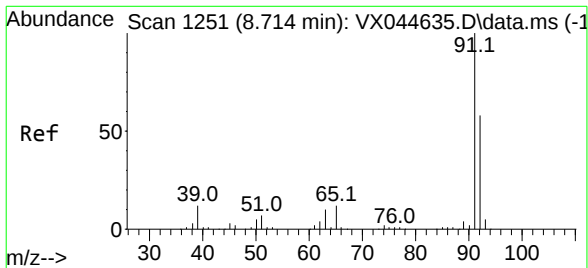
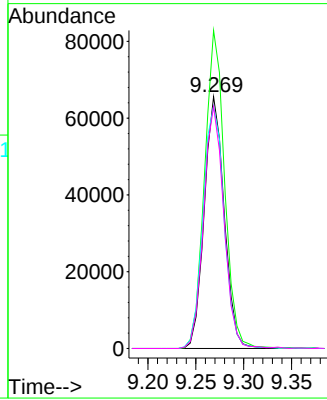
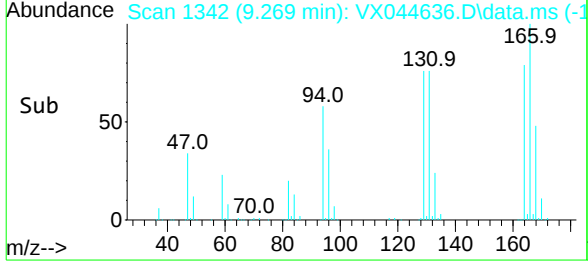
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 164 Resp: 94953
Ion Ratio Lower Upper
164 100
166 126.3 102.7 154.1
129 96.3 83.6 125.4
131 96.0 77.4 116.0

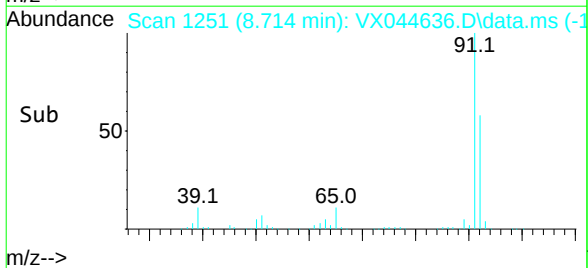
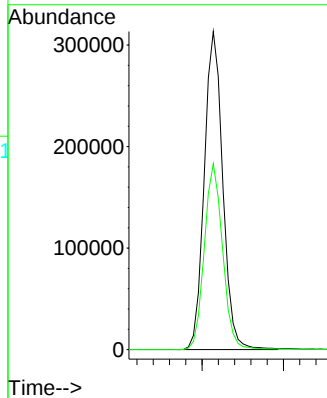
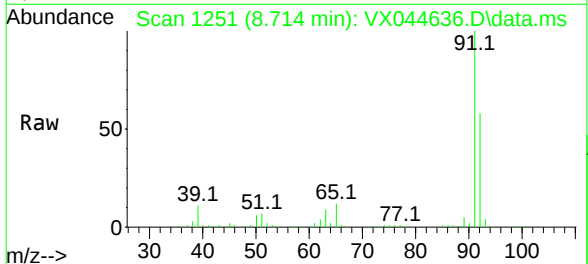
Manual Integrations
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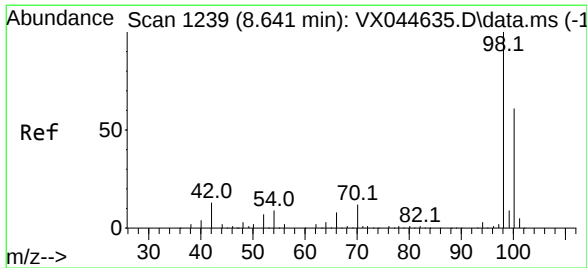
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#62
Toluene
Concen: 57.942 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Tgt Ion: 91 Resp: 494718
Ion Ratio Lower Upper
91 100
92 57.7 46.4 69.6





#63

Toluene-d8

Concen: 36.868 ug/l

RT: 8.641 min Scan# 12

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 98 Resp: 255779

Ion Ratio Lower Upper

98 100

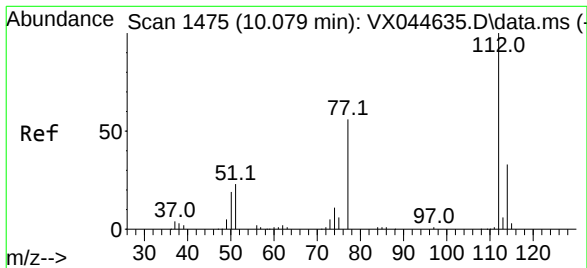
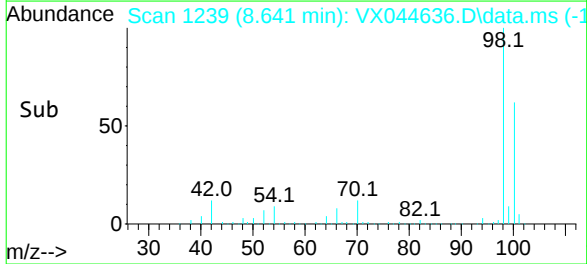
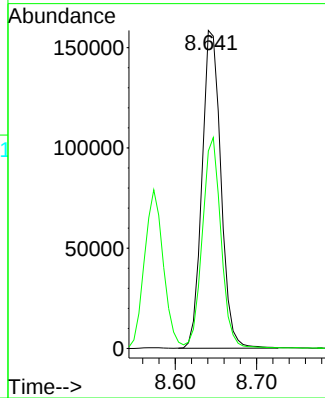
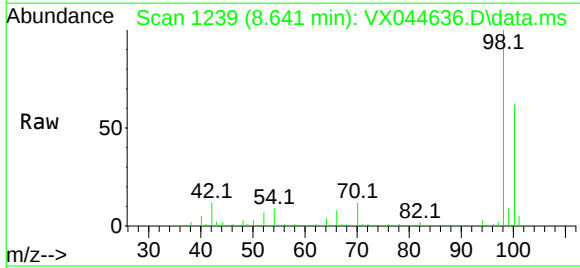
100 65.7 51.6 77.4

Manual Integrations

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Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#64

Chlorobenzene

Concen: 57.607 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VX044636.D

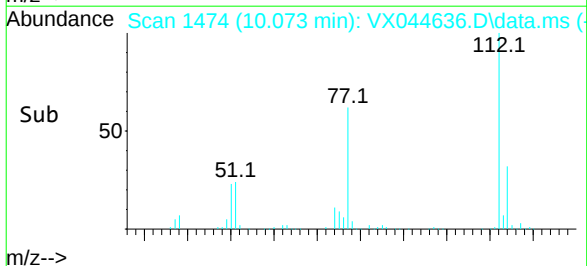
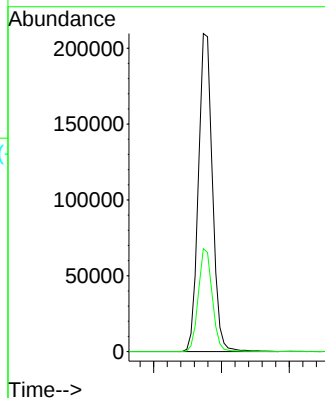
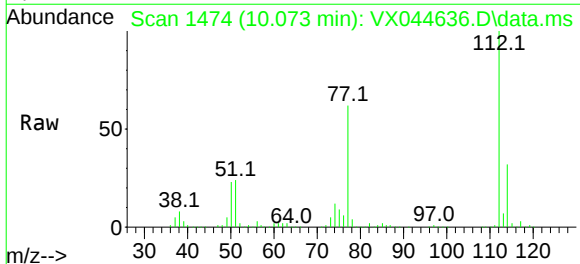
Acq: 09 Jan 2025 00:55

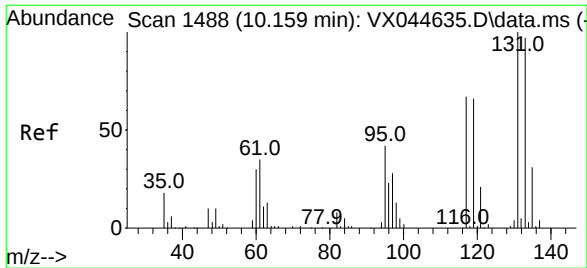
Tgt Ion:112 Resp: 301111

Ion Ratio Lower Upper

112 100

114 32.3 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 58.136 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:131 Resp: 103422

Ion Ratio Lower Upper

131 100

133 96.4 0.0 194.0

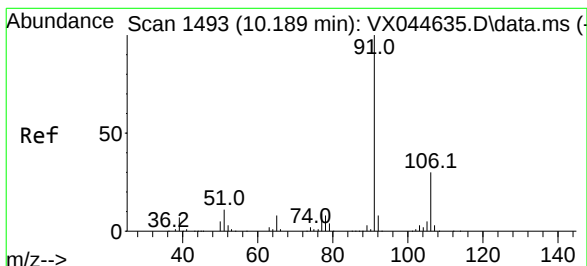
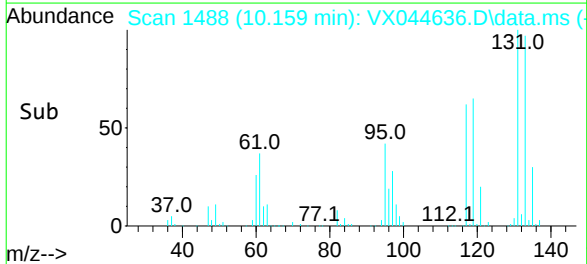
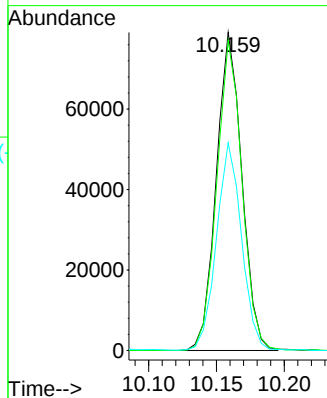
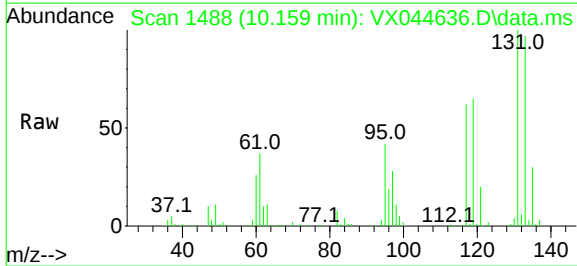
119 64.3 0.0 132.0

Manual Integrations

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Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#66

Ethyl Benzene

Concen: 57.809 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044636.D

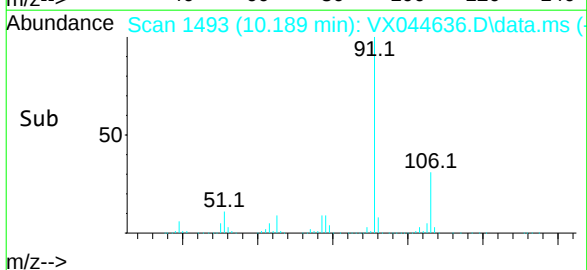
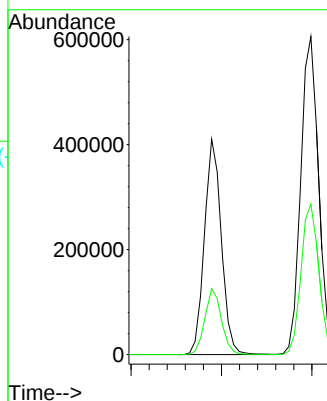
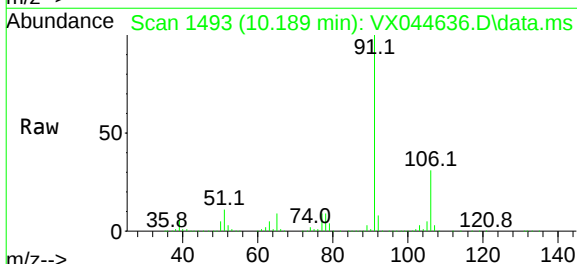
Acq: 09 Jan 2025 00:55

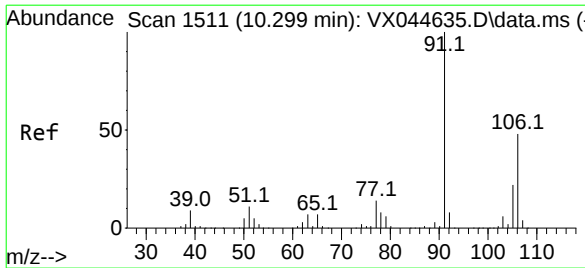
Tgt Ion: 91 Resp: 534186

Ion Ratio Lower Upper

91 100

106 30.6 24.1 36.1





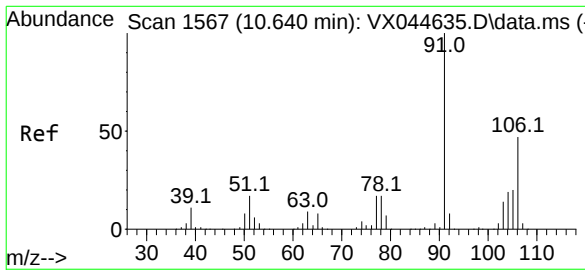
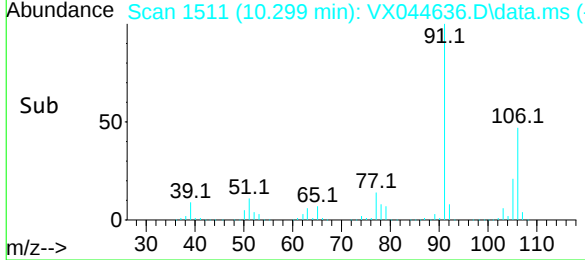
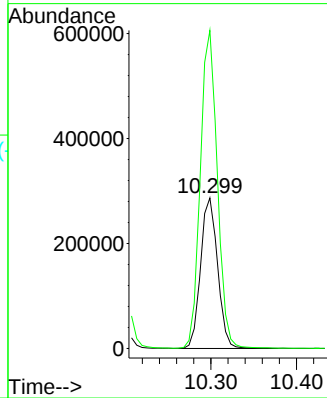
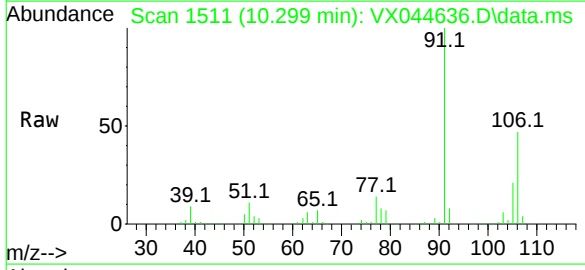
#67
m/p-Xylenes
Concen: 114.544 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 396328
Ion Ratio Lower Upper
106 100
91 211.0 167.9 251.9

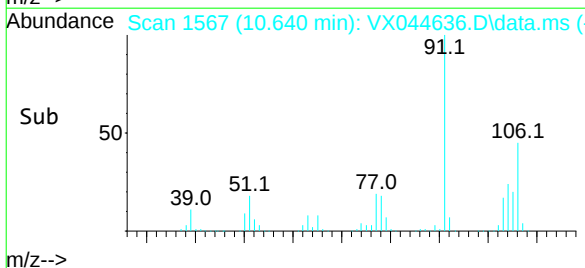
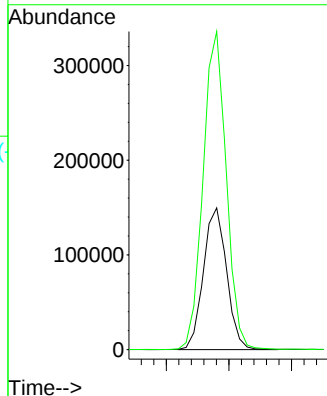
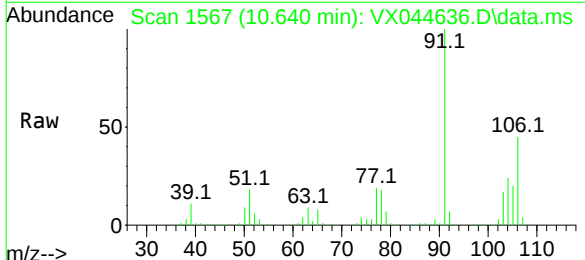
Manual Integrations
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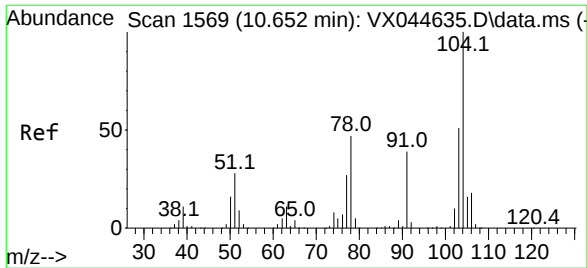
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#68
o-Xylene
Concen: 55.434 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Tgt Ion:106 Resp: 192904
Ion Ratio Lower Upper
106 100
91 224.0 112.3 336.9





#69

Styrene

Concen: 56.391 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

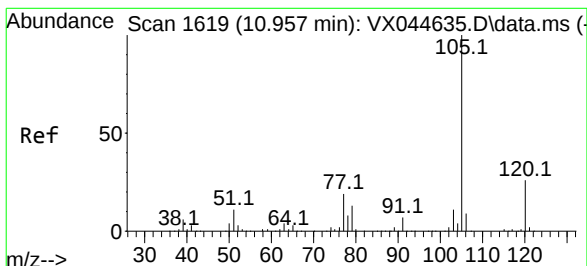
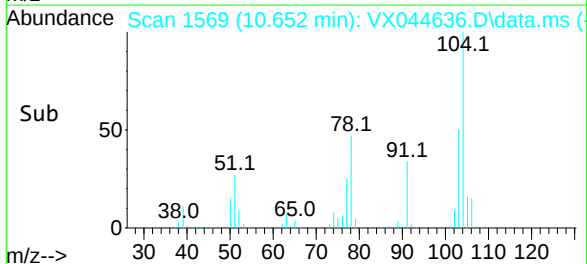
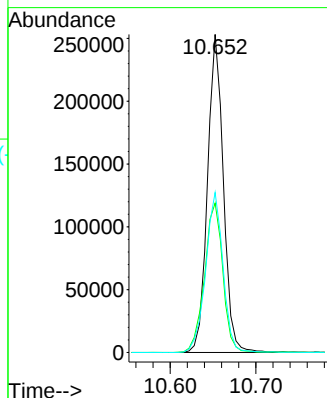
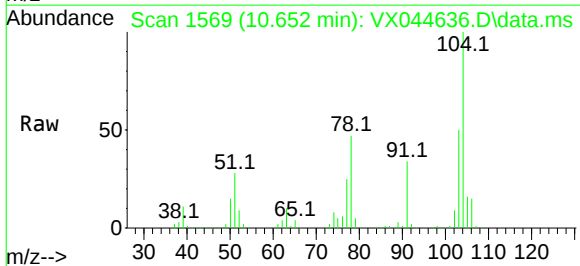
ClientSampleId :

VSTDICC050

Tgt Ion:104 Resp: 325619
 Ion Ratio Lower Upper
 104 100
 78 54.1 43.7 65.5
 103 55.2 43.7 65.5

Manual Integrations
 APPROVED

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



#70

Isopropylbenzene

Concen: 57.351 ug/l

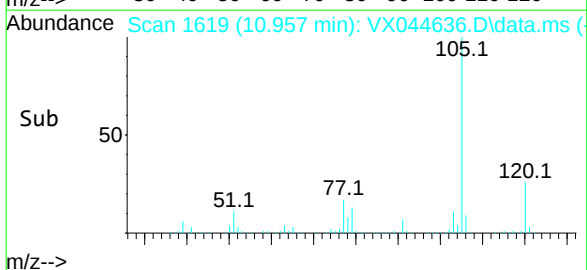
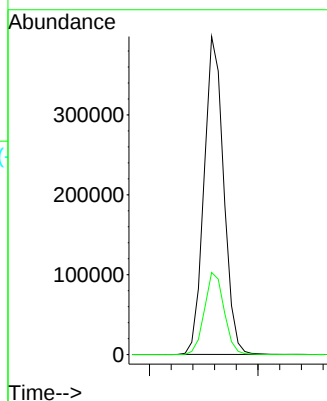
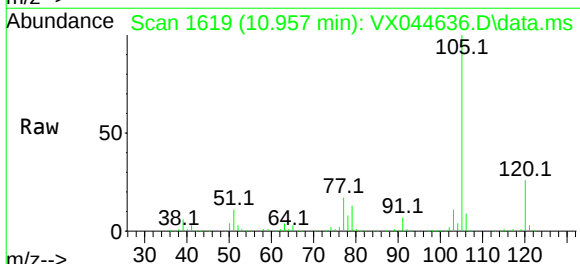
RT: 10.957 min Scan# 1619

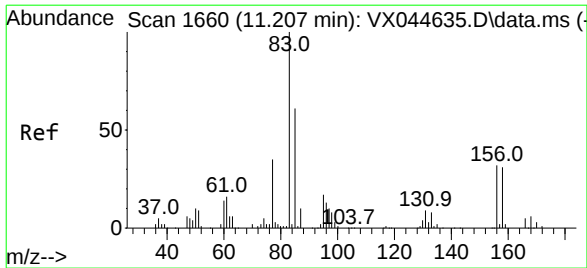
Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Tgt Ion:105 Resp: 499394
 Ion Ratio Lower Upper
 105 100
 120 26.0 17.5 32.5





#71

1,1,2,2-Tetrachloroethane

Concen: 50.266 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 83 Resp: 157512

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

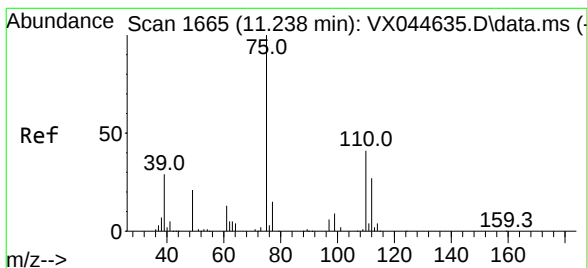
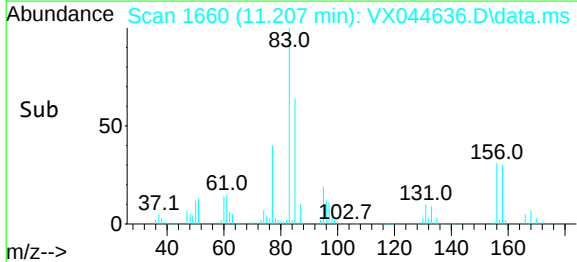
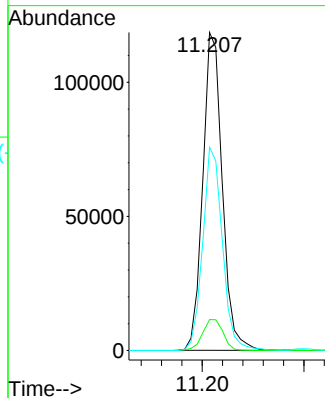
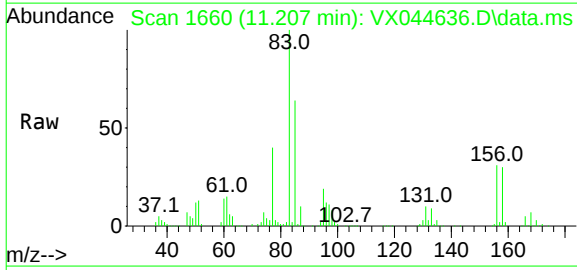
85 64.8 32.0 96.0

Manual Integrations

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Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#72

1,2,3-Trichloropropane

Concen: 49.465 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044636.D

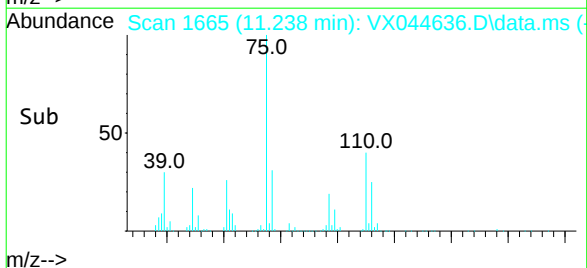
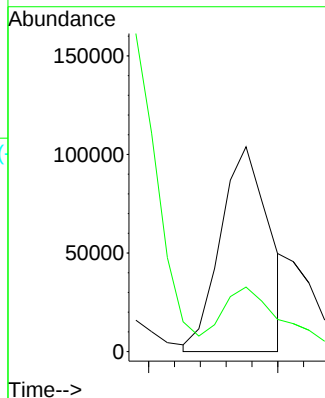
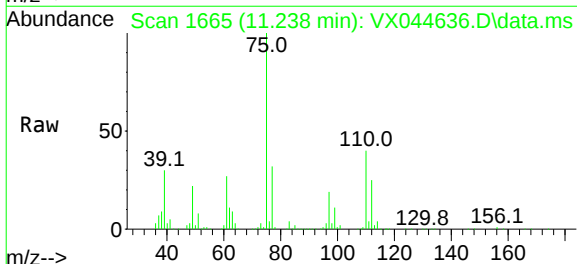
Acq: 09 Jan 2025 00:55

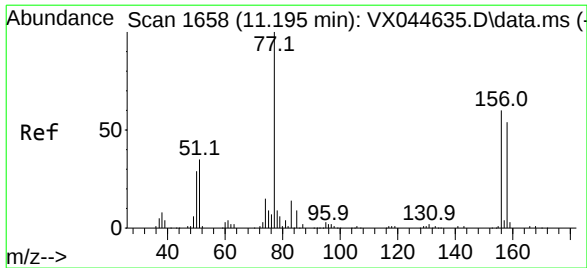
Tgt Ion: 75 Resp: 135677

Ion Ratio Lower Upper

75 100

77 36.8 0.0 78.0





#73

Bromobenzene

Concen: 57.864 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

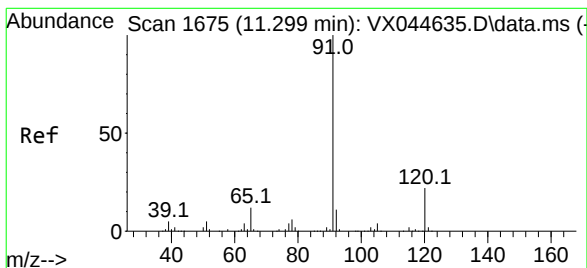
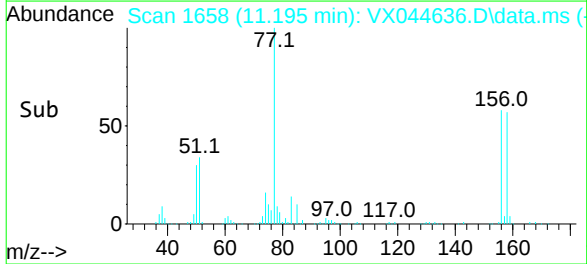
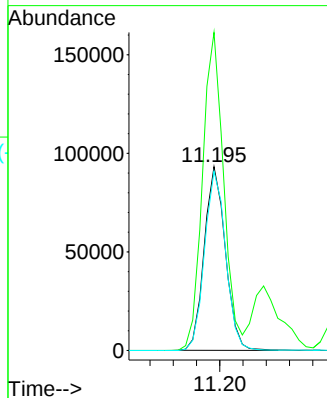
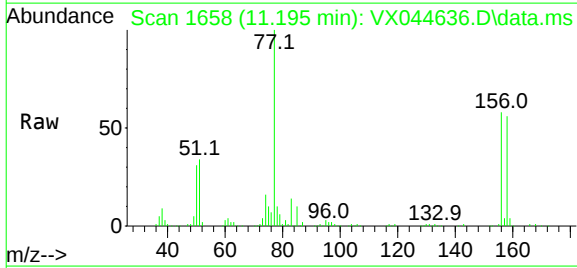
Tgt Ion:	156	Resp:	117730
Ion	Ratio	Lower	Upper
156	100		
77	172.7	0.0	332.6
158	97.6	0.0	187.6

Manual Integrations

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Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#74

n-propylbenzene

Concen: 57.077 ug/l

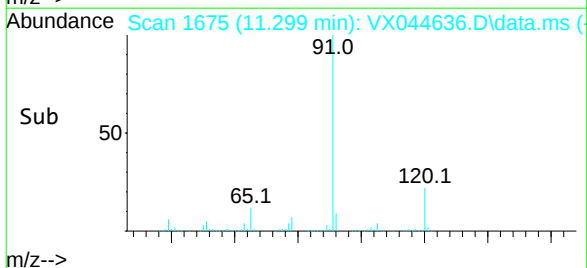
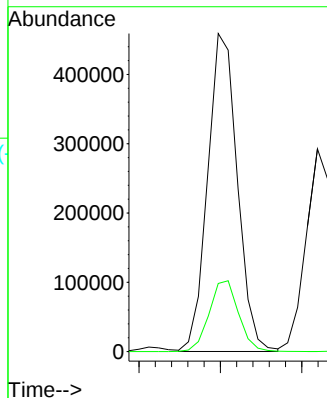
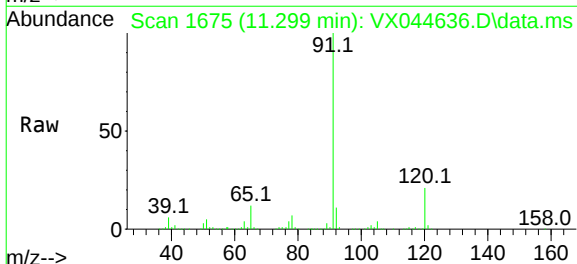
RT: 11.299 min Scan# 1675

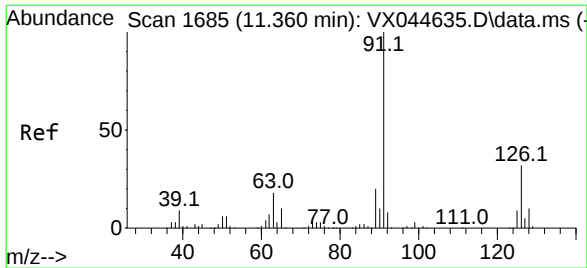
Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

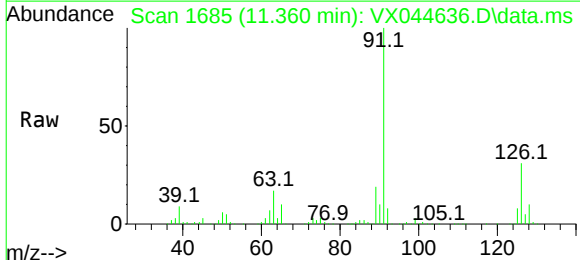
Tgt Ion:	91	Resp:	581975
Ion	Ratio	Lower	Upper
91	100		
120	22.2	0.0	45.0





#75
2-Chlorotoluene
Concen: 56.492 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

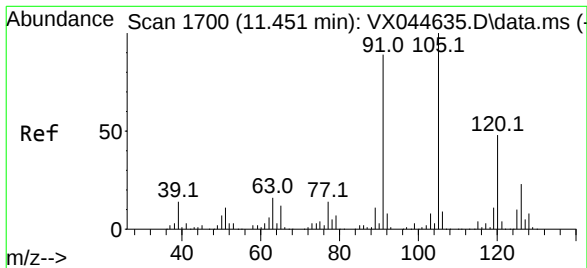
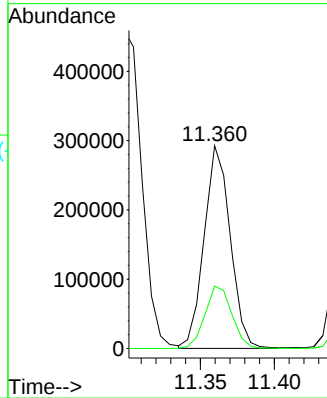
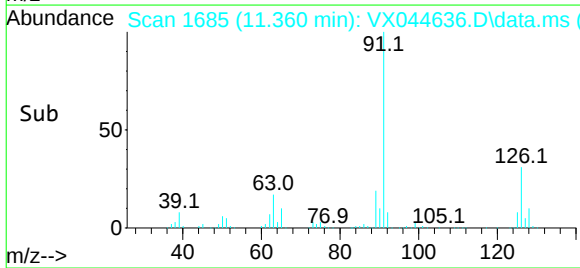
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



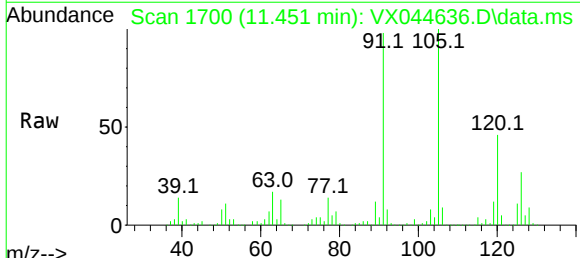
Tgt Ion: 91 Resp: 359160
Ion Ratio Lower Upper
91 100
126 31.7 0.0 64.4

Manual Integrations
APPROVED

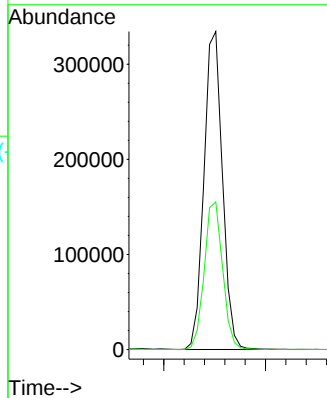
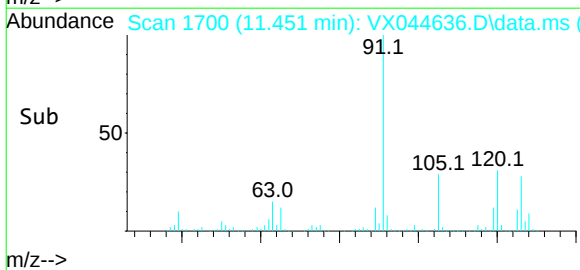
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

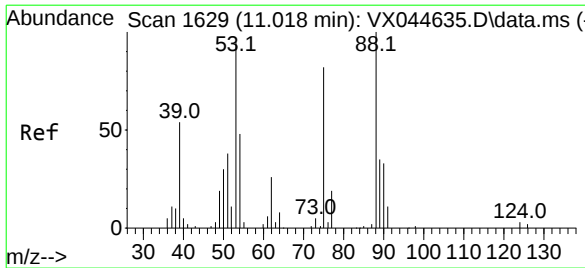


#76
1,3,5-Trimethylbenzene
Concen: 58.901 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55



Tgt Ion:105 Resp: 421789
Ion Ratio Lower Upper
105 100
120 46.3 0.0 94.0





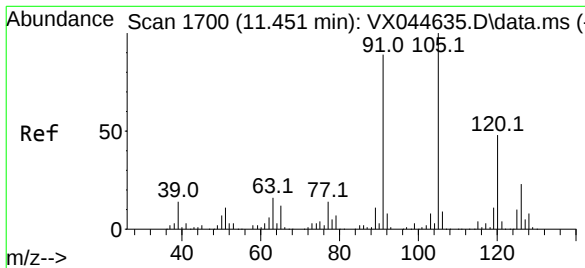
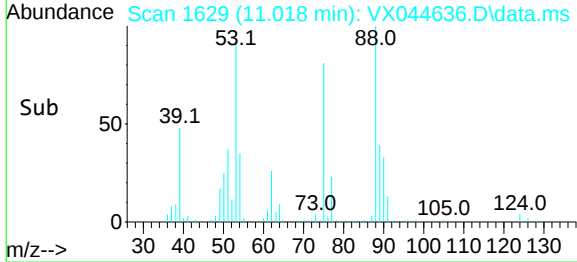
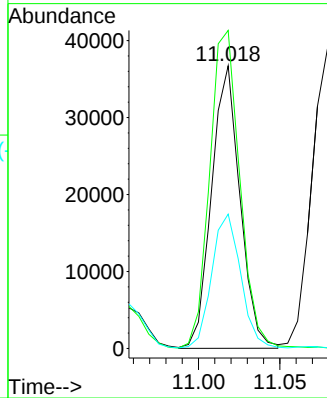
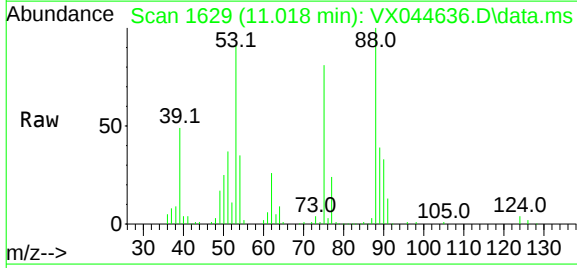
#77
t-1,4-Dichloro-2-butene
Concen: 38.198 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 75 Resp: 44580
Ion Ratio Lower Upper
75 100
53 112.7 57.4 172.2
89 47.5 21.3 64.0

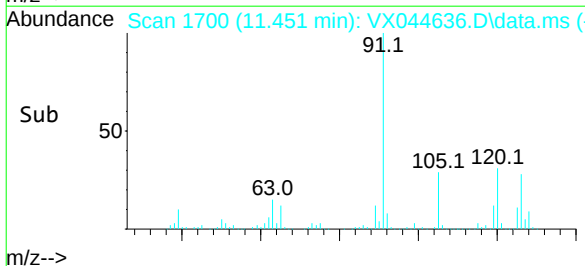
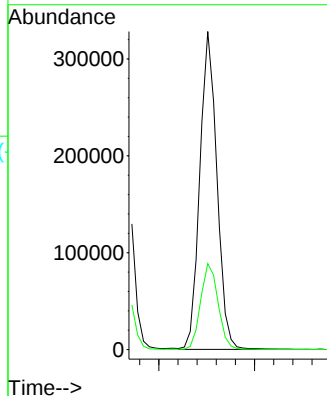
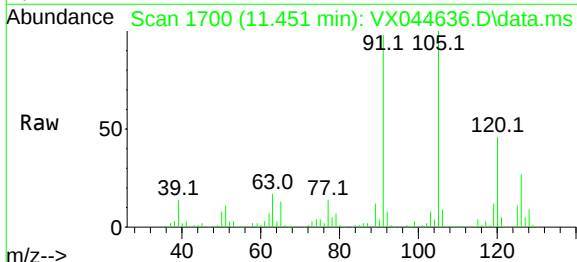
Manual Integrations
APPROVED

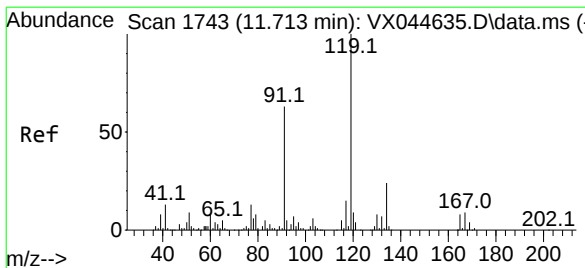
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#78
4-Chlorotoluene
Concen: 58.669 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Tgt Ion: 91 Resp: 406810
Ion Ratio Lower Upper
91 100
126 27.6 0.0 54.8





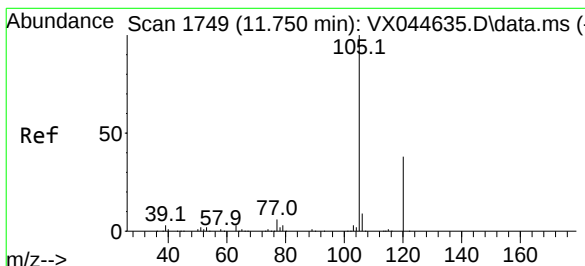
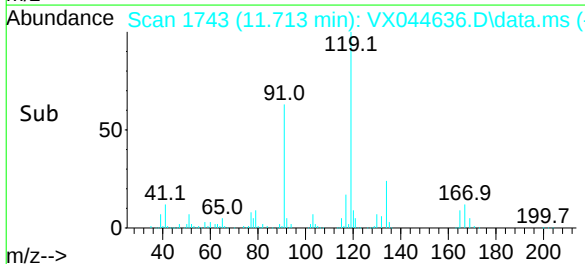
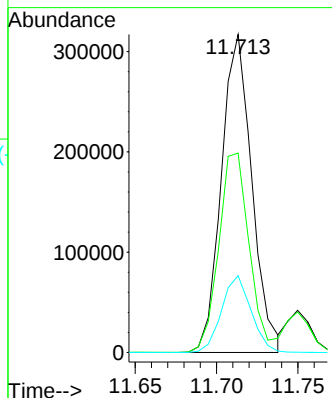
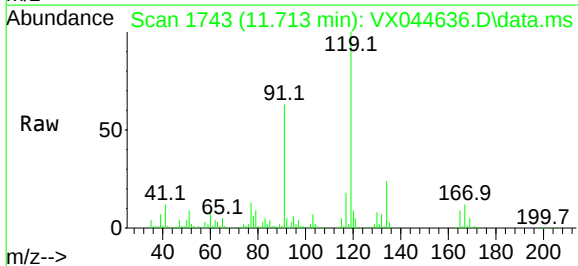
#79
tert-butylbenzene
Concen: 57.238 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:119 Resp: 413157
Ion Ratio Lower Upper
119 100
91 62.1 0.0 124.2
134 23.4 0.0 46.4

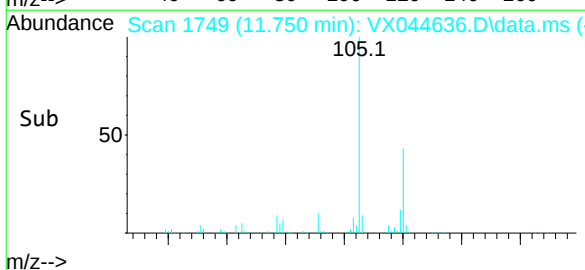
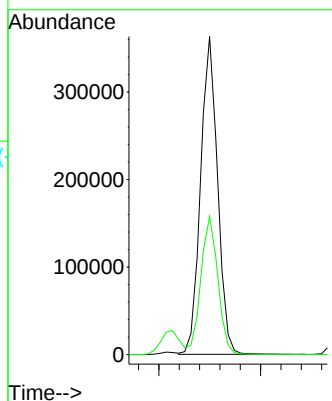
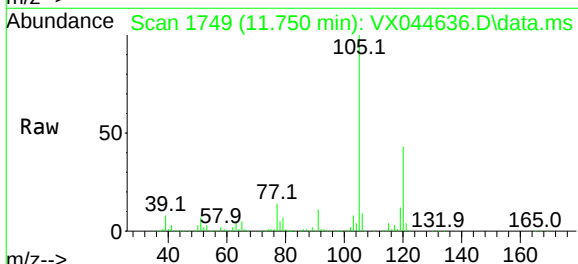
Manual Integrations
APPROVED

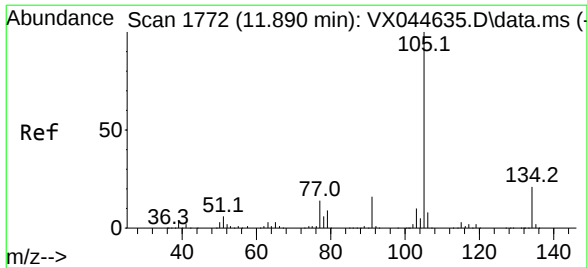
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#80
1,2,4-Trimethylbenzene
Concen: 57.840 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

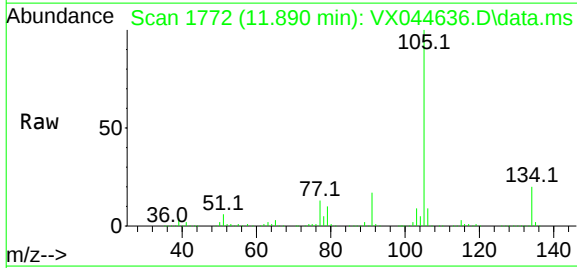
Tgt Ion:105 Resp: 420552
Ion Ratio Lower Upper
105 100
120 43.7 0.0 87.2





#81
sec-Butylbenzene
Concen: 55.958 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

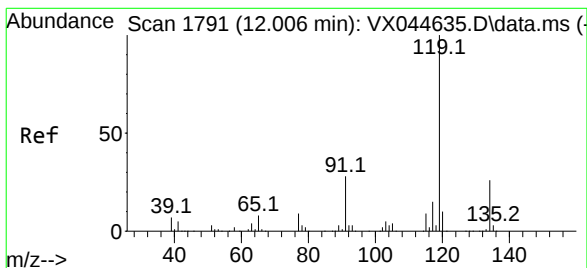
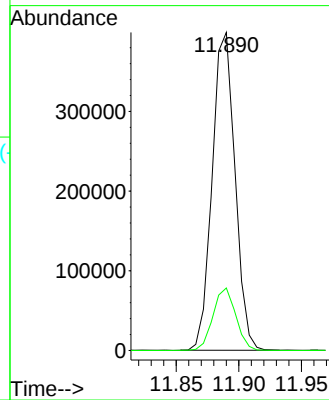
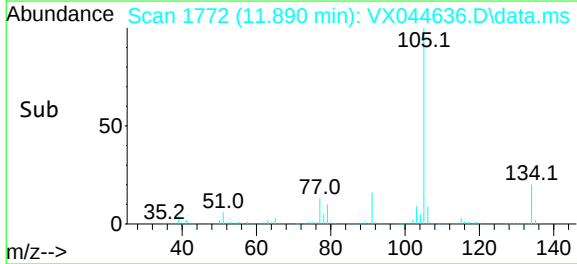
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:105 Resp: 506392
Ion Ratio Lower Upper
105 100
134 19.7 0.0 38.8

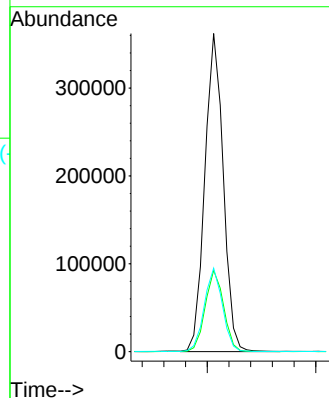
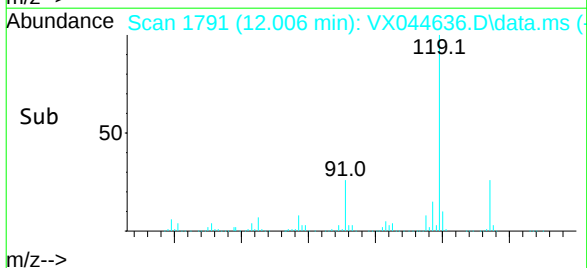
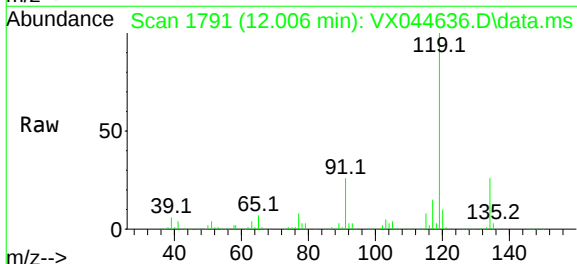
Manual Integrations
APPROVED

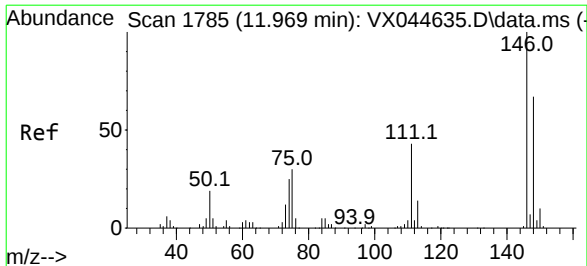
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#82
p-Isopropyltoluene
Concen: 58.240 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

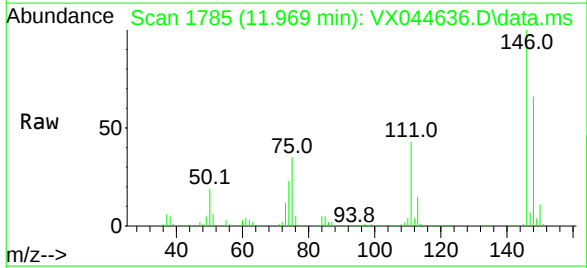
Tgt Ion:119 Resp: 427173
Ion Ratio Lower Upper
119 100
134 25.5 0.0 53.8
91 25.7 0.0 55.2





#83
1,3-Dichlorobenzene
Concen: 57.256 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55

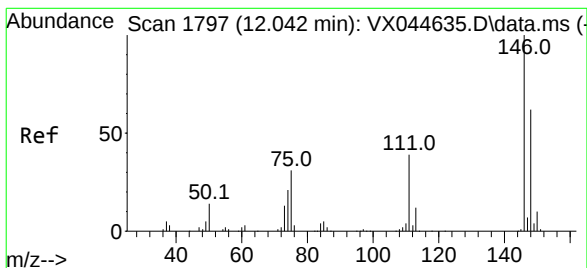
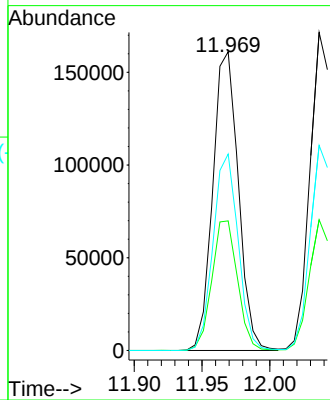
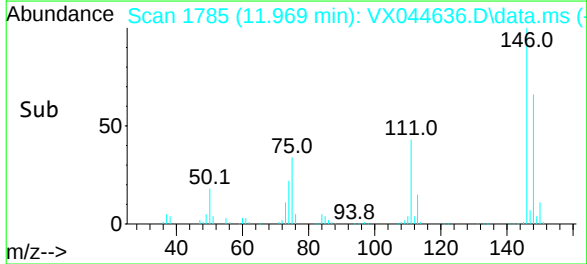
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



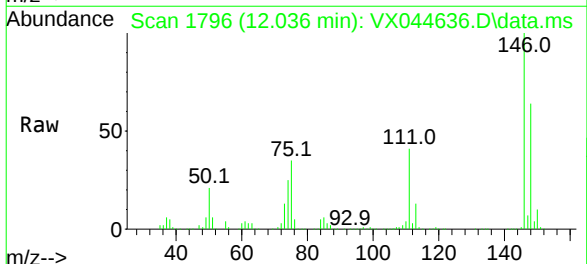
Tgt Ion:146 Resp: 211301
Ion Ratio Lower Upper
146 100
111 43.6 21.7 65.1
148 64.5 32.1 96.5

Manual Integrations
APPROVED

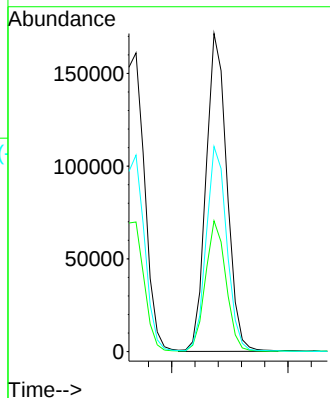
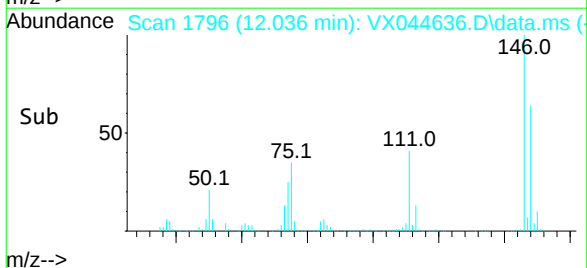
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

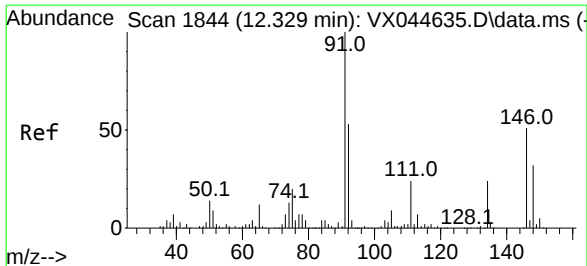


#84
1,4-Dichlorobenzene
Concen: 57.898 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX044636.D
Acq: 09 Jan 2025 00:55



Tgt Ion:146 Resp: 213734
Ion Ratio Lower Upper
146 100
111 40.8 21.1 63.1
148 63.0 32.6 98.0





#85

n-Butylbenzene

Concen: 55.970 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

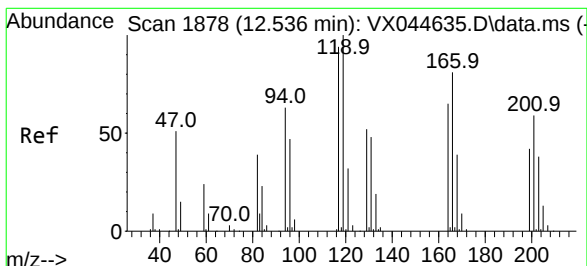
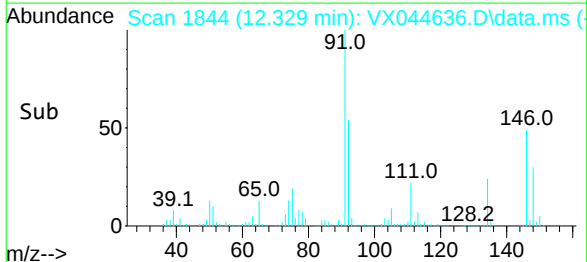
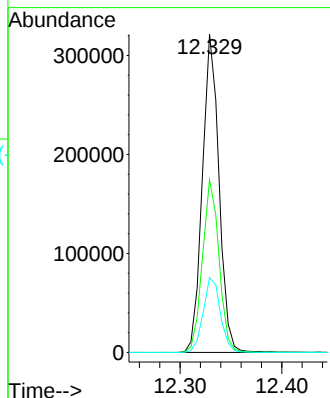
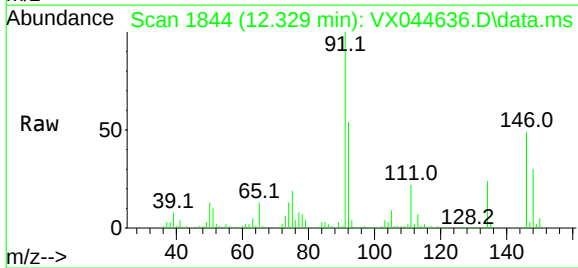
VSTDICC050

Tgt Ion:	91	Resp:	365531
Ion	Ratio	Lower	Upper
91	100		
92	54.1	0.0	105.0
134	24.4	0.0	50.0

Manual Integrations

APPROVED

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



#86

Hexachloroethane

Concen: 45.649 ug/l

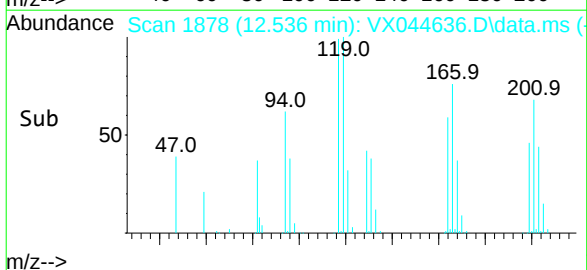
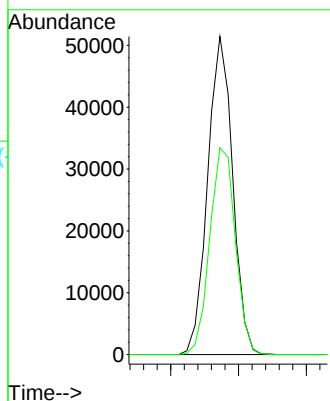
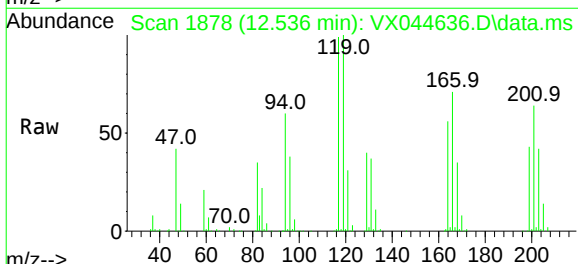
RT: 12.536 min Scan# 1878

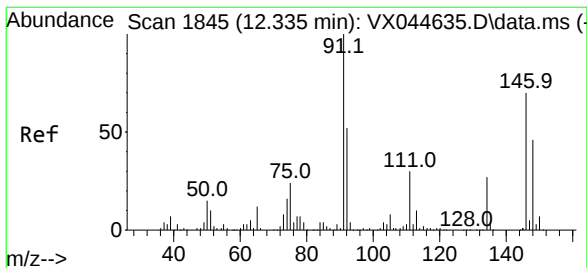
Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Tgt Ion:	117	Resp:	65930
Ion	Ratio	Lower	Upper
117	100		
201	66.7	32.8	98.4





#87

1,2-Dichlorobenzene

Concen: 57.847 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044636.D

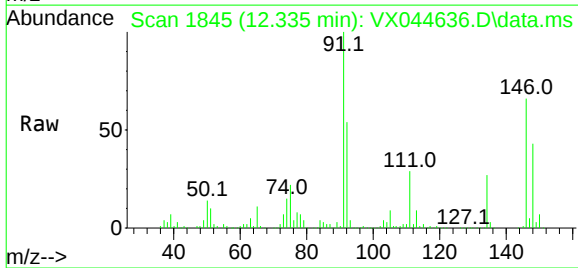
Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050



Tgt Ion: 146 Resp: 215149

Ion Ratio Lower Upper

146 100

111 45.1 21.9 65.7

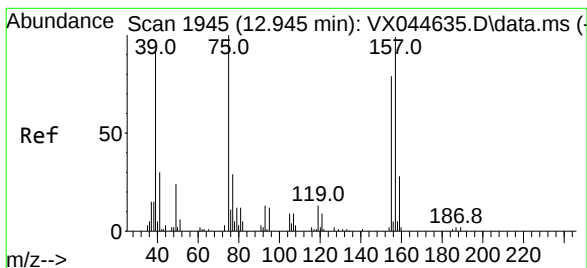
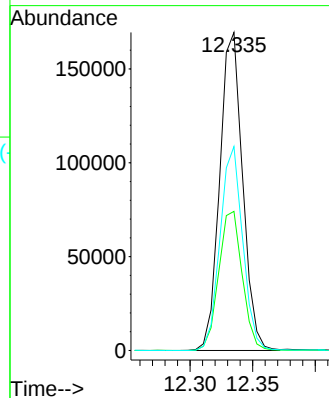
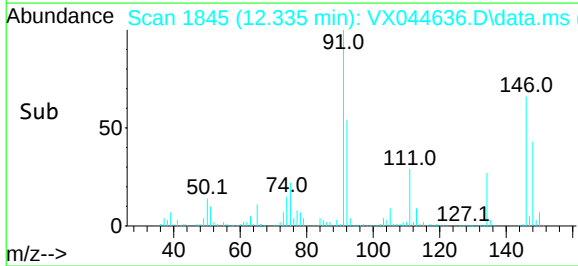
148 63.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 45.171 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

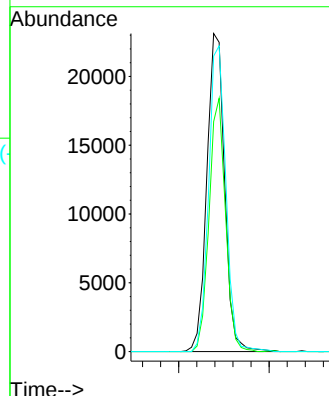
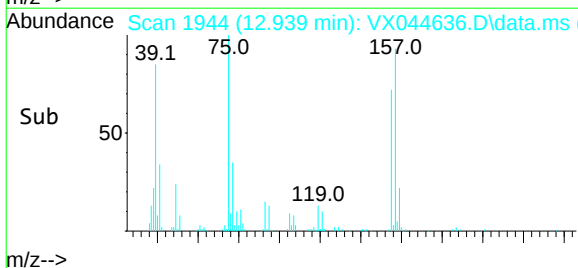
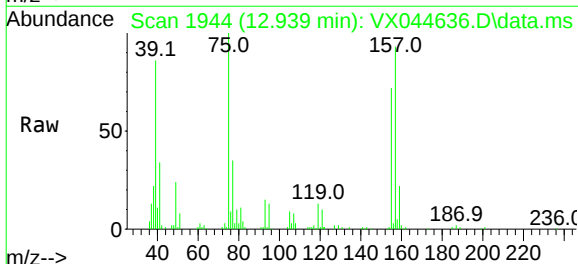
Tgt Ion: 75 Resp: 31655

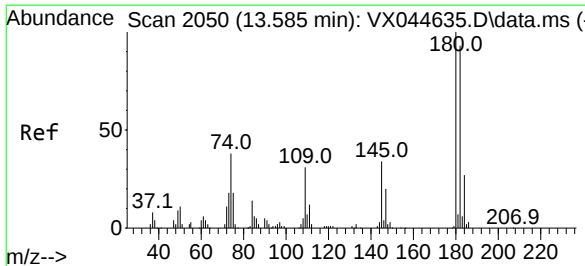
Ion Ratio Lower Upper

75 100

155 73.1 60.6 90.8

157 93.1 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 58.787 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

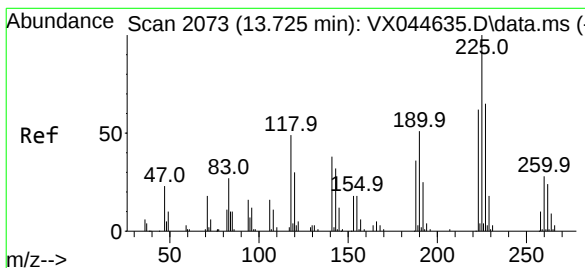
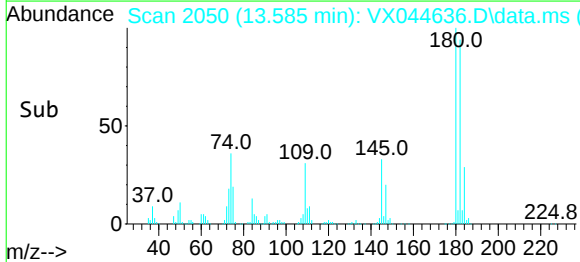
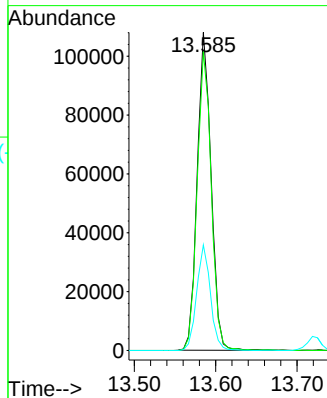
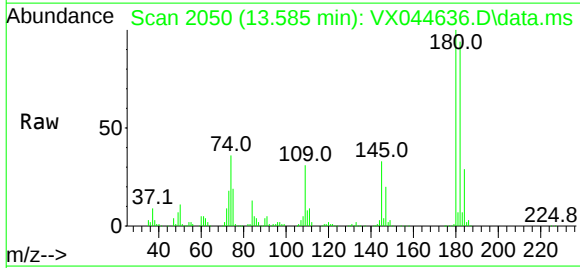
Tgt Ion:	180	Resp:	128114
Ion Ratio	Lower	Upper	
180	100		
182	95.3	75.9	113.9
145	33.0	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#90

Hexachlorobutadiene

Concen: 63.036 ug/l

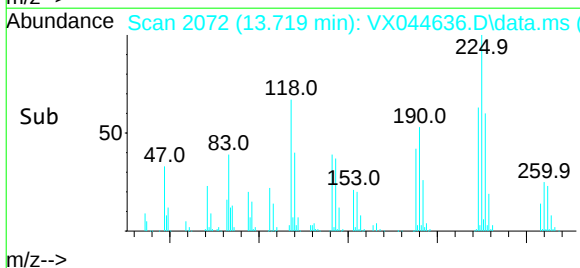
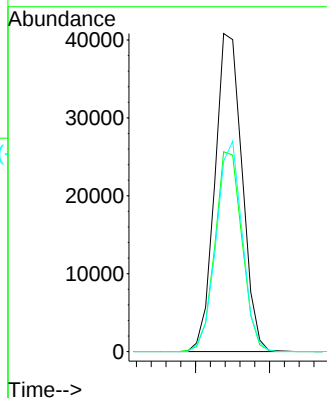
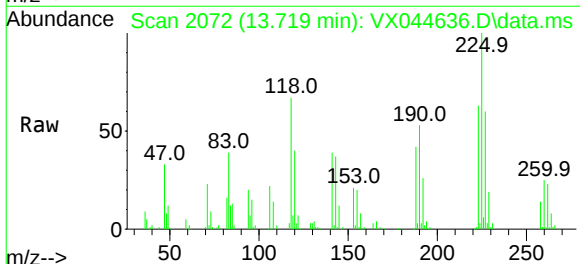
RT: 13.719 min Scan# 2072

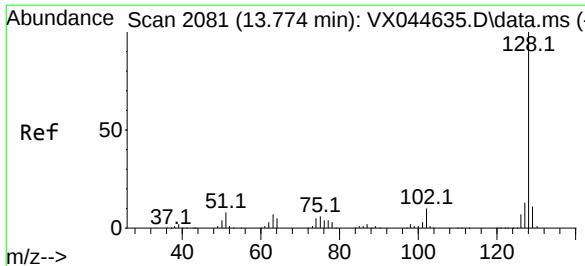
Delta R.T. -0.006 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Tgt Ion:	225	Resp:	52214
Ion Ratio	Lower	Upper	
225	100		
223	62.4	0.0	124.0
227	63.2	0.0	134.6





#91

Naphthalene

Concen: 54.621 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Instrument :

MSVOA_X

ClientSampleId :

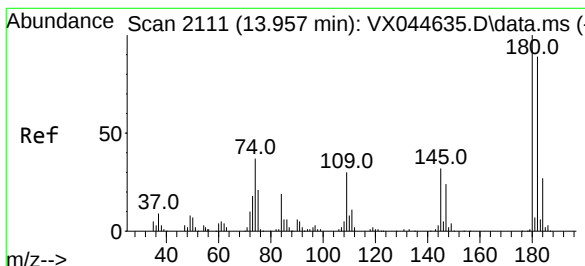
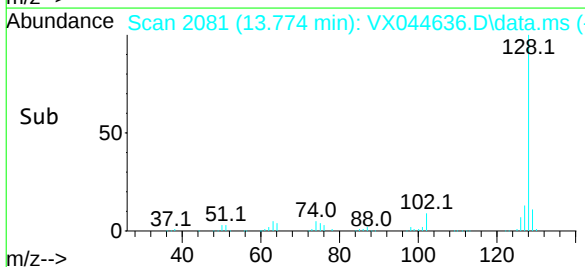
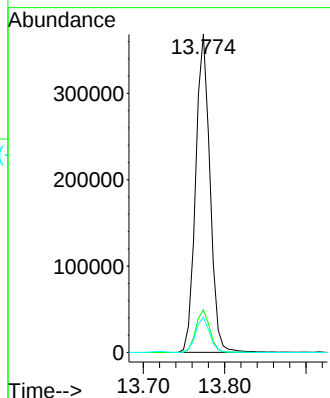
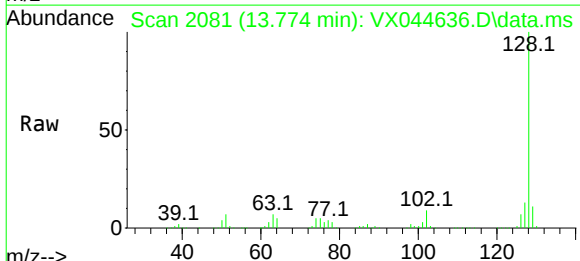
VSTDIC050

Tgt Ion:	128	Resp:	450322
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.8	13.2

Manual Integrations

APPROVED

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



#92

1,2,3-Trichlorobenzene

Concen: 58.314 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX044636.D

Acq: 09 Jan 2025 00:55

Tgt Ion:	180	Resp:	130293
Ion	Ratio	Lower	Upper
180	100		
182	95.7	0.0	191.2
145	35.6	0.0	67.0

