

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044637.D
 Acq On : 09 Jan 2025 01:18
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 09 01:45:01 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	28425	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	150132	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	157497	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	94578	38.198	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 127.333%#			
60) 4-Bromofluorobenzene	11.079	95	87948	31.902	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 106.333%			
63) Toluene-d8	8.647	98	255591	33.862	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 112.867%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	263574	144.160	ug/l	97
3) Chloromethane	1.294	50	261221	105.032	ug/l	97
4) Vinyl Chloride	1.374	62	250133	107.235	ug/l	97
5) Bromomethane	1.599	94	123926	170.249	ug/l	93
6) Chloroethane	1.666	64	120355	152.869	ug/l	99
7) Trichlorofluoromethane	1.874	101	383388	156.373	ug/l	95
8) Diethyl Ether	2.136	74	140206	127.667	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	202317	105.403	ug/l	100
10) 1,1-Dichloroethene	2.313	96	202801	104.192	ug/l	94
11) Methyl Iodide	2.447	142	288486	125.414	ug/l	95
12) Methyl Acetate	2.703	43	283734	83.968	ug/l	97
13) Acrolein	2.233	56	266314	469.018	ug/l	99
14) Acrylonitrile	3.062	53	539961	417.863	ug/l	99
15) Acetone	2.386	58	131114	374.818	ug/l	100
16) Carbon Disulfide	2.508	76	490823	90.118	ug/l	100
17) Allyl chloride	2.660	41	366965	98.907	ug/l	97
18) Methylene Chloride	2.788	84	232188	102.493	ug/l	99
19) trans-1,2-Dichloroethene	3.087	96	209781	101.783	ug/l	98
20) Diisopropyl ether	3.757	45	744594	100.468	ug/l	98
21) 1,1-Dichloroethane	3.605	63	417263	103.625	ug/l	99
22) cis-1,2-Dichloroethene	4.477	96	258054	104.520	ug/l	99
23) tert-Butyl Alcohol	3.008	59	185698	340.747	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	744015	107.297	ug/l	99
25) Chloroform	5.086	83	436654	112.329	ug/l	99
26) Cyclohexane	5.458	56	326011	90.311	ug/l #	97
29) 1,1-Dichloropropene	5.684	75	281076	117.974	ug/l	99
30) 2-Butanone	4.556	43	732488	455.706	ug/l	99
31) 2,2-Dichloropropane	4.471	77	338224	116.090	ug/l #	75
32) 1,1,1-Trichloroethane	5.373	97	393924	132.539	ug/l	98
33) Carbon Tetrachloride	5.672	117	322837	134.140	ug/l	93
34) Benzene	6.031	78	867556	110.827	ug/l	100
35) Methacrylonitrile	4.916	41	171897	100.446	ug/l	98
36) 1,2-Dichloroethane	6.080	62	361345	138.281	ug/l	98
37) Trichloroethene	7.117	130	213376	119.141	ug/l	99
38) Methylcyclohexane	7.373	83	346083	108.408	ug/l	98
39) 1,2-Dichloropropane	7.427	63	215128	111.609	ug/l	91
40) Dibromomethane	7.574	93	166492	122.975	ug/l	99
41) Bromodichloromethane	7.818	83	333975	126.590	ug/l	98
42) Vinyl Acetate	3.721	43	3212562	451.792	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	306855	98.820	ug/l	# 83
44) Isopropyl Acetate	6.336	43	513153	101.132	ug/l	99
45) 1,4-Dioxane	7.665	88	68256	1470.387	ug/l	99
46) Methyl methacrylate	7.690	41	254788	104.557	ug/l	99
47) n-amyl Acetate	10.842	43	437781	99.530	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	330283	116.830	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	390488	126.066	ug/l	92
50) 1,1,2-Trichloroethane	9.147	97	216458	118.639	ug/l	94
51) Ethyl methacrylate	9.116	69	338154	102.750	ug/l	84
52) 1,3-Dichloropropane	9.305	76	357173	111.622	ug/l	99
53) Dibromochloromethane	9.519	129	248105	127.989	ug/l	99
54) 1,2-Dibromoethane	9.604	107	230440	121.794	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	876549	577.072	ug/l	99
56) Bromoform	10.799	173	162180	124.310	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	1529267	429.304	ug/l	95
59) 2-Hexanone	9.433	43	930126	340.244	ug/l	91
61) Tetrachloroethene	9.269	164	197707	112.734	ug/l	96
62) Toluene	8.714	91	1038172	111.759	ug/l	99
64) Chlorobenzene	10.073	112	650731	114.428	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.159	131	227678	117.634	ug/l	99
66) Ethyl Benzene	10.189	91	1119270	111.331	ug/l	98
67) m/p-Xylenes	10.299	106	868846	230.803	ug/l	93
68) o-Xylene	10.640	106	417482	110.268	ug/l	94
69) Styrene	10.653	104	697794	111.073	ug/l	98
70) Isopropylbenzene	10.957	105	1054627	111.320	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.207	83	307759	90.271	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	253947m	85.098	ug/l	
73) Bromobenzene	11.195	156	235523	106.398	ug/l	96
74) n-propylbenzene	11.305	91	1117515	100.737	ug/l	99
75) 2-Chlorotoluene	11.360	91	677569	97.956	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	800530	102.751	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	101445	79.893	ug/l	86
78) 4-Chlorotoluene	11.451	91	782599	103.737	ug/l	98
79) tert-butylbenzene	11.713	119	800658	101.951	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	807058	102.022	ug/l	99
81) sec-Butylbenzene	11.890	105	973074	98.833	ug/l	100
82) p-Isopropyltoluene	12.006	119	815667	102.214	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	413446	102.971	ug/l	100
84) 1,4-Dichlorobenzene	12.036	146	415373	103.420	ug/l	98
85) n-Butylbenzene	12.329	91	733192	103.188	ug/l	98
86) Hexachloroethane	12.536	117	141187	89.850	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	414445	102.421	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	66242	86.882	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	260672	109.941	ug/l	99
90) Hexachlorobutadiene	13.725	225	100190	111.174	ug/l	96
91) Naphthalene	13.774	128	881303	98.252	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	263015	108.197	ug/l	98

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

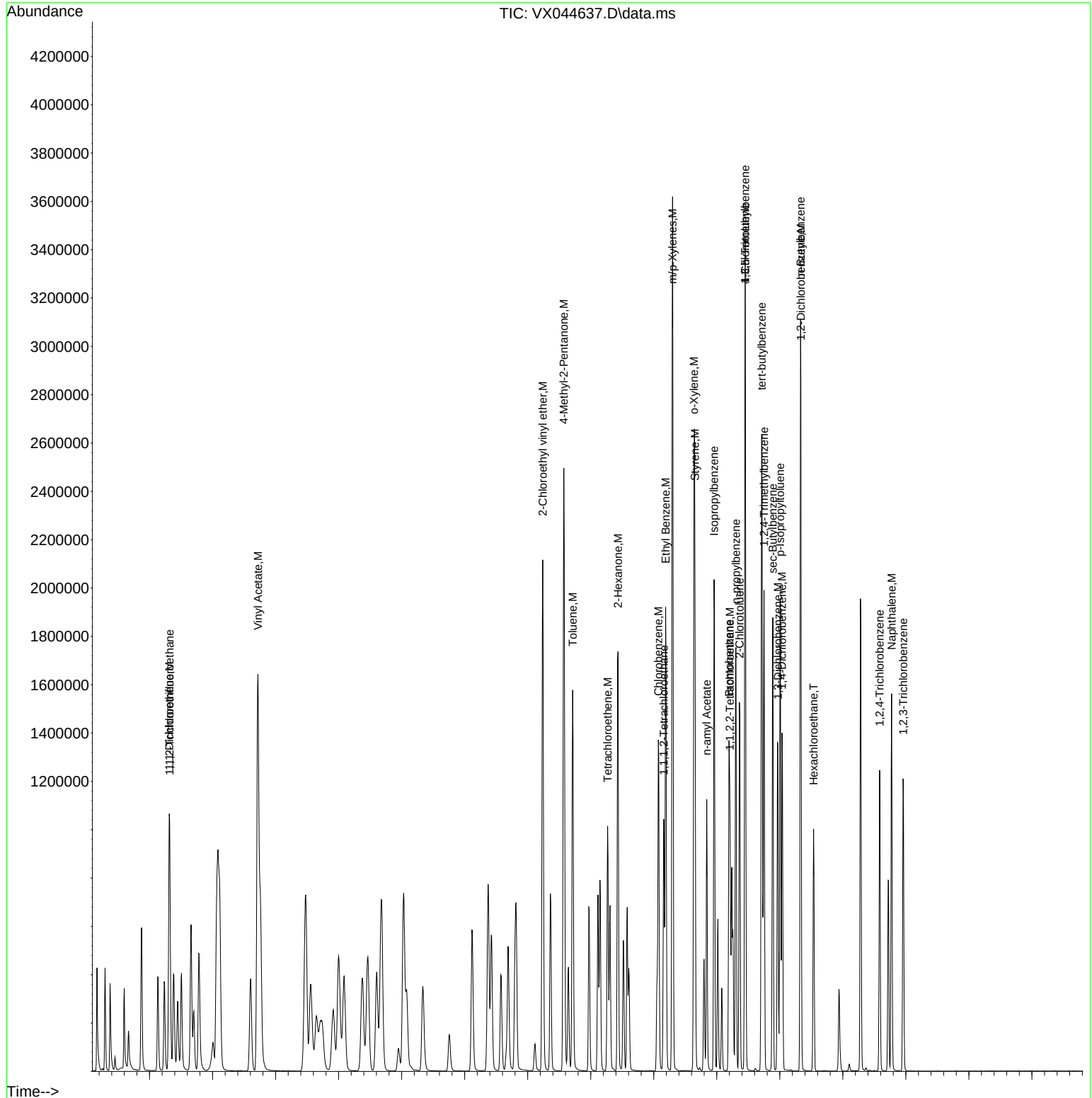
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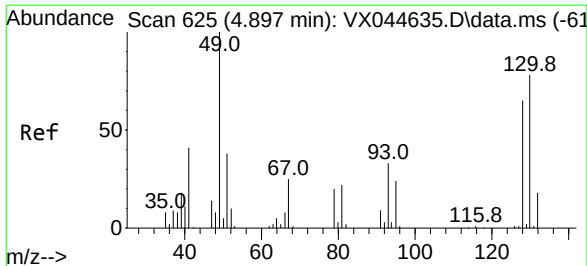
Instrument :
MSVOA_X
ClientSampleId :
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APPROVED

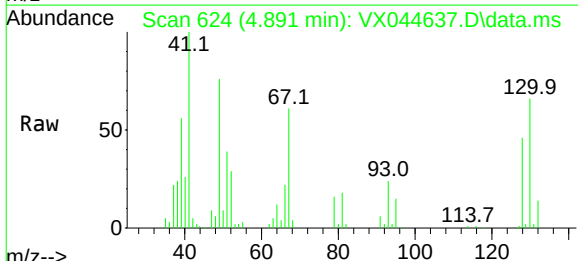
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

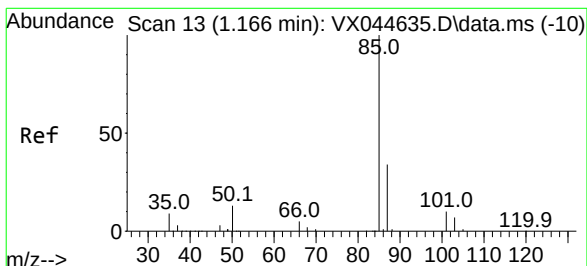
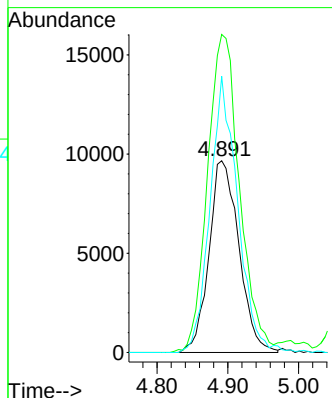
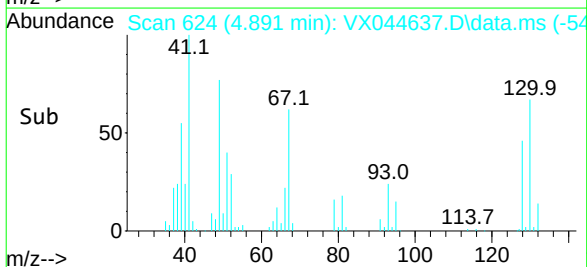
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



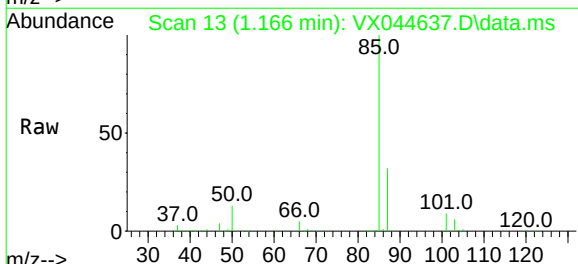
Tgt Ion:128 Resp: 28425
Ion Ratio Lower Upper
128 100
49 176.9 0.0 425.8
130 131.7 0.0 319.8

Manual Integrations
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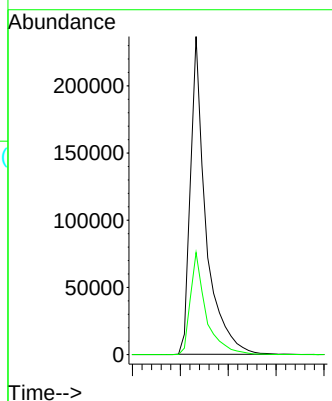
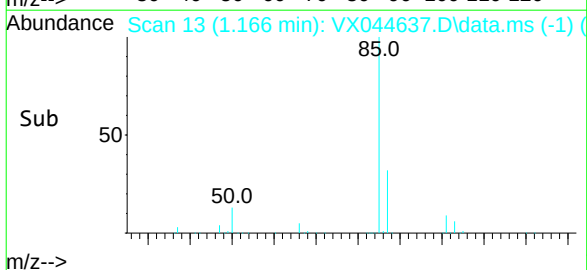
Reviewed By :John Carlone 01/09/2025
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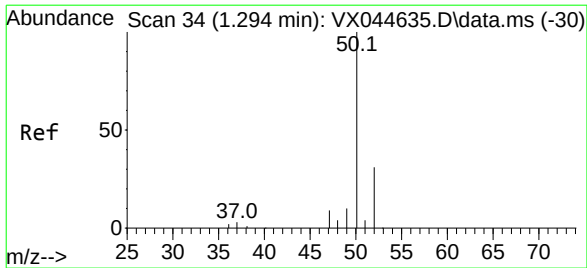


#2
Dichlorodifluoromethane
Concen: 144.160 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18



Tgt Ion: 85 Resp: 263574
Ion Ratio Lower Upper
85 100
87 32.1 17.0 51.0





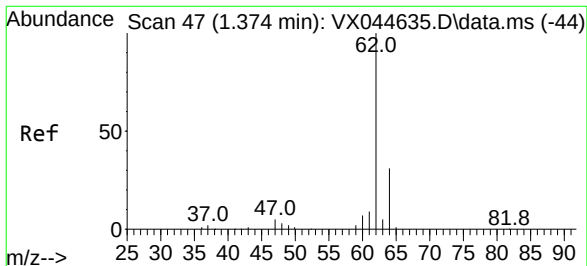
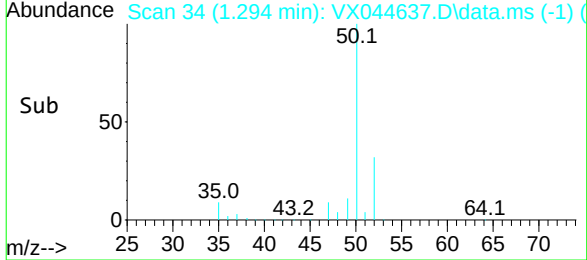
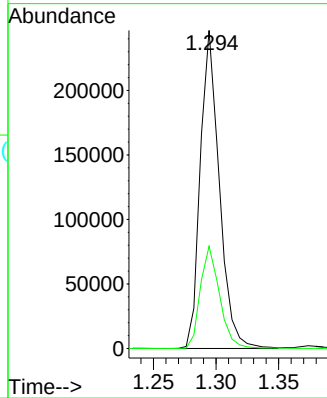
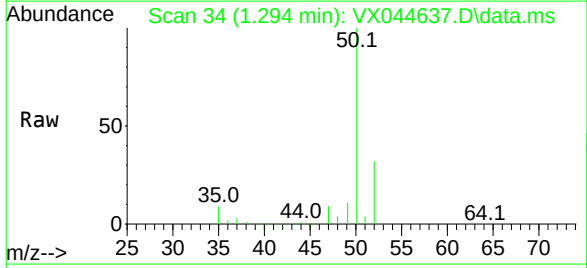
#3
Chloromethane
Concen: 105.032 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 261221
Ion Ratio Lower Upper
50 100
52 32.2 24.5 36.7

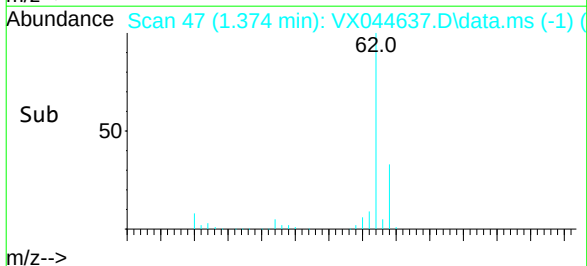
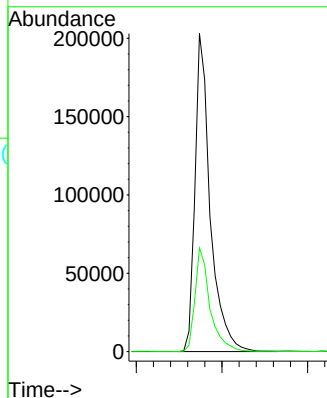
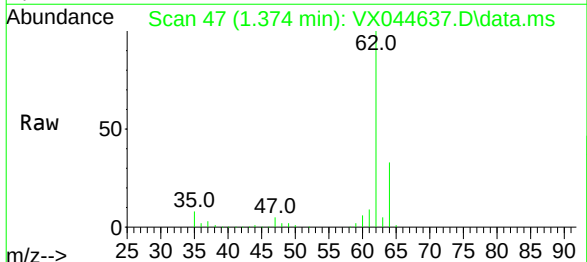
Manual Integrations
APPROVED

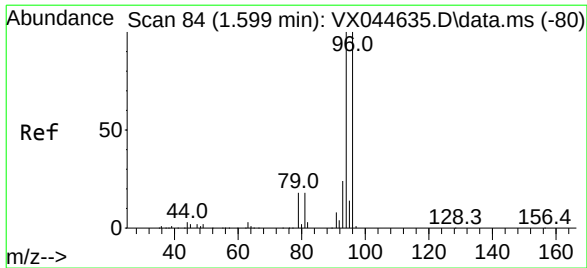
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#4
Vinyl Chloride
Concen: 107.235 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

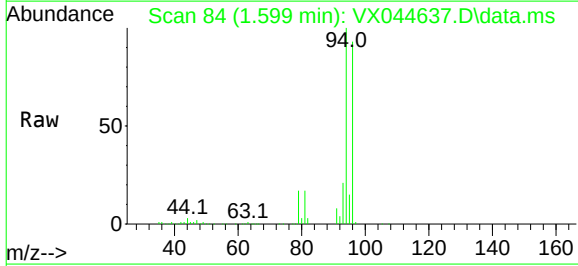
Tgt Ion: 62 Resp: 250133
Ion Ratio Lower Upper
62 100
64 32.6 24.7 37.1





#5
Bromomethane
Concen: 170.249 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

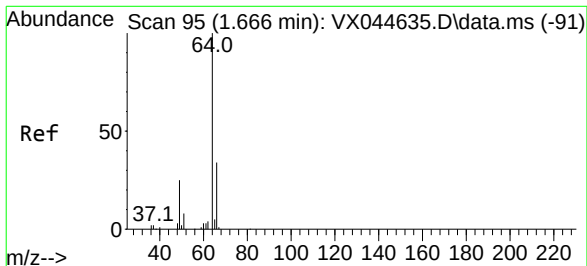
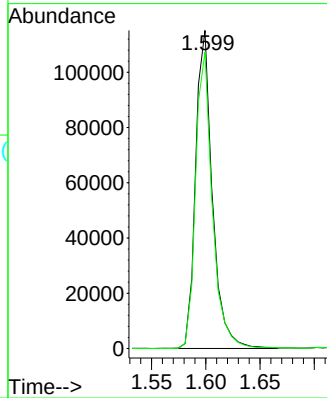
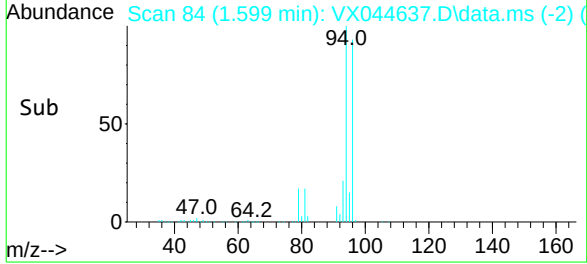
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 123926
Ion Ratio Lower Upper
94 100
96 93.3 79.9 119.9

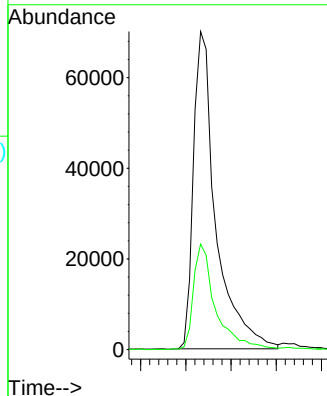
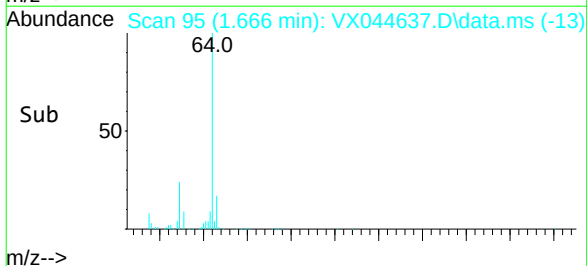
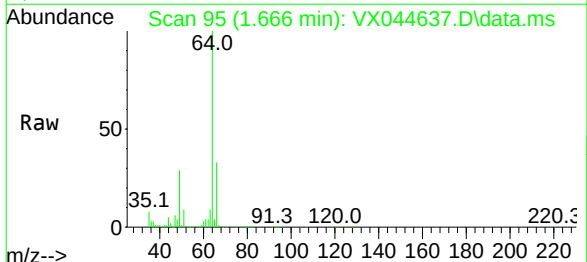
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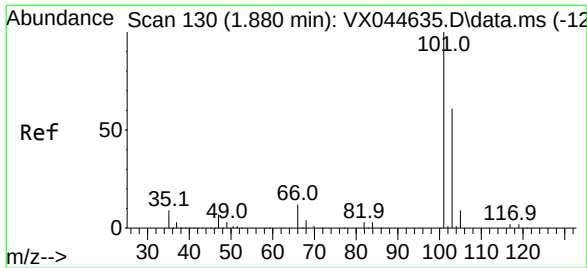
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#6
Chloroethane
Concen: 152.869 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Tgt Ion: 64 Resp: 120355
Ion Ratio Lower Upper
64 100
66 33.1 26.9 40.3





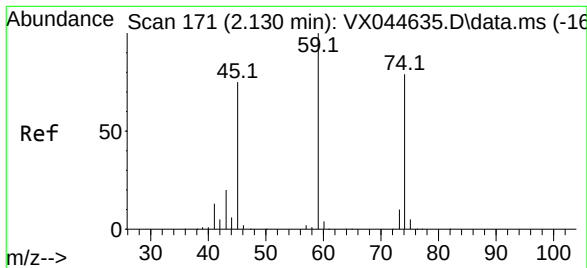
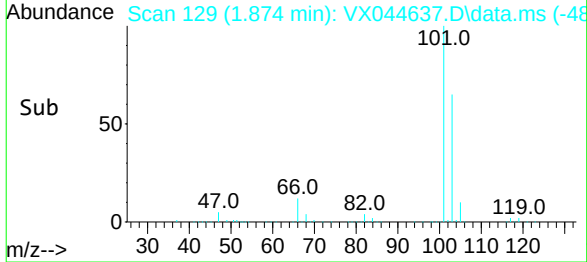
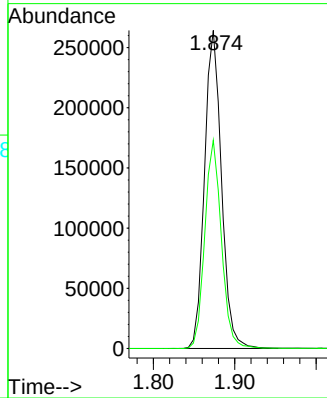
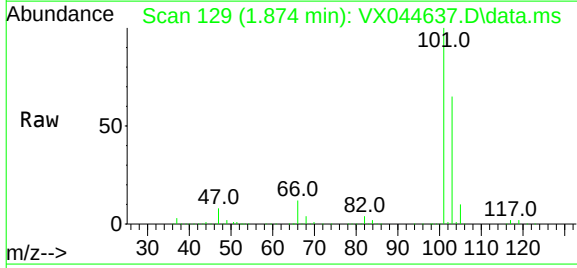
#7
Trichlorofluoromethane
Concen: 156.373 ug/l
RT: 1.874 min Scan# 12
Delta R.T. -0.006 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 383388
Ion Ratio Lower Upper
101 100
103 65.5 49.2 73.8

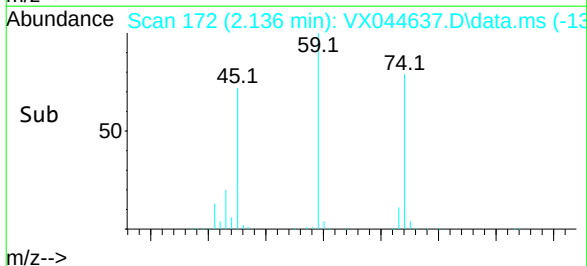
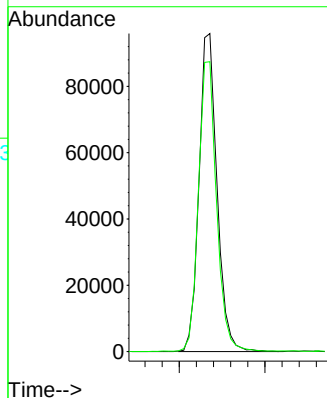
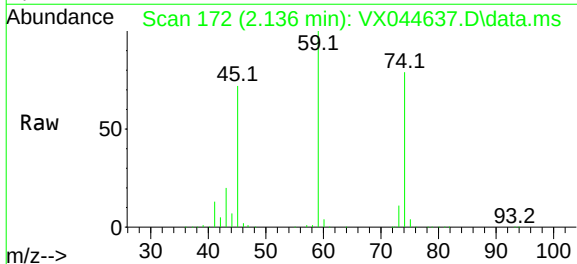
Manual Integrations
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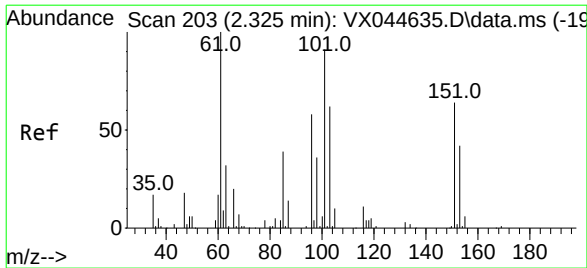
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#8
Diethyl Ether
Concen: 127.667 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX044637.D
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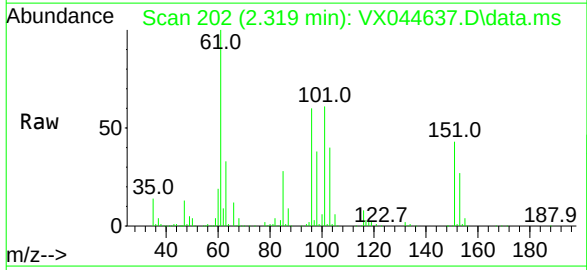
Tgt Ion: 74 Resp: 140206
Ion Ratio Lower Upper
74 100
45 91.8 19.4 174.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 105.403 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

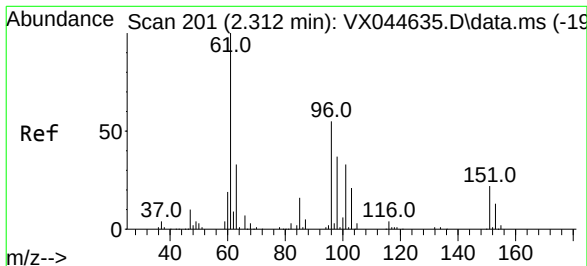
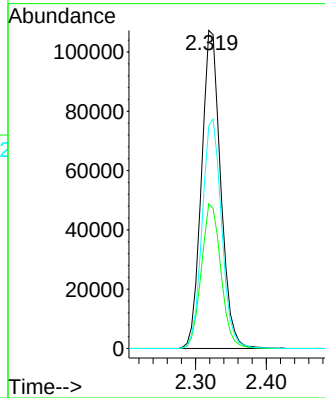
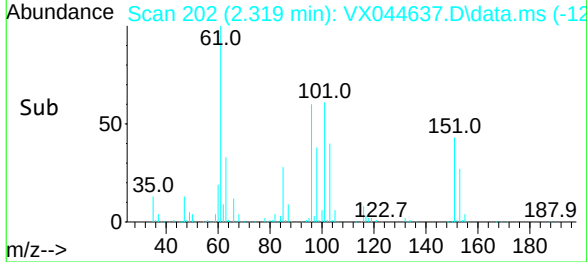
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ClientSampleId :
VSTDICC100



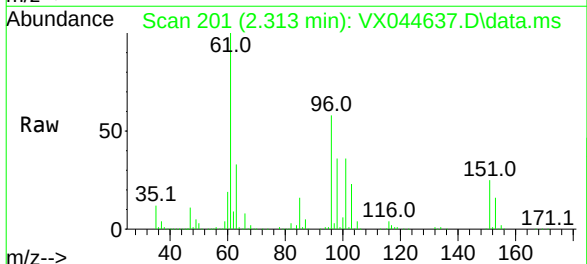
Tgt Ion:101 Resp: 202317
Ion Ratio Lower Upper
101 100
85 46.4 0.0 93.4
151 73.1 0.0 146.2

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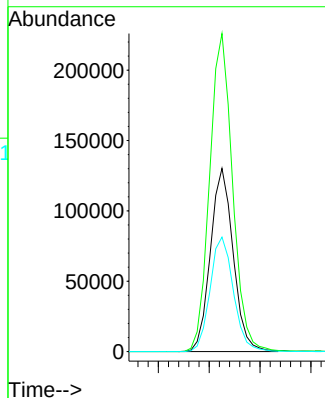
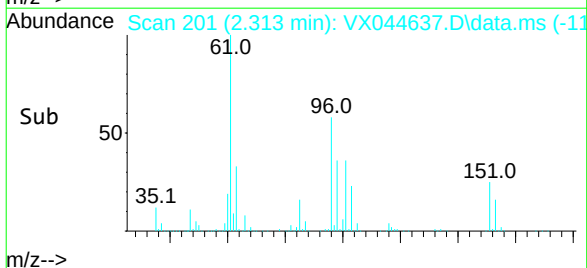
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

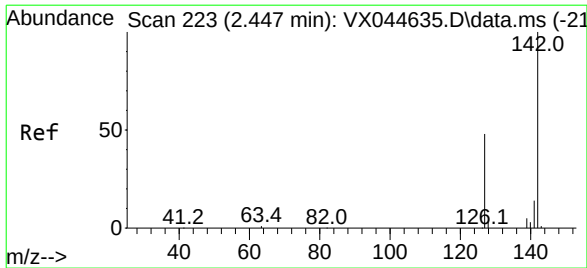


#10
1,1-Dichloroethene
Concen: 104.192 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18



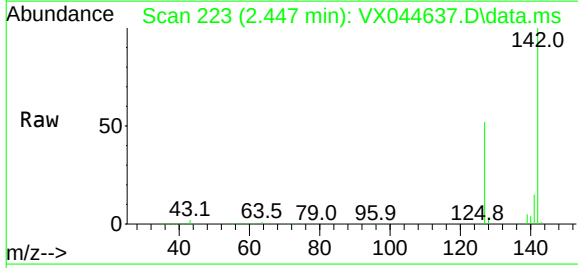
Tgt Ion: 96 Resp: 202801
Ion Ratio Lower Upper
96 100
61 173.6 146.0 219.0
98 62.5 54.6 81.8





#11
Methyl Iodide
Concen: 125.414 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

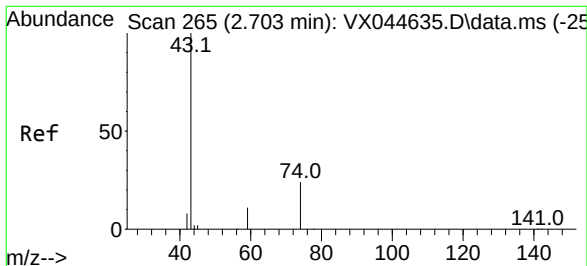
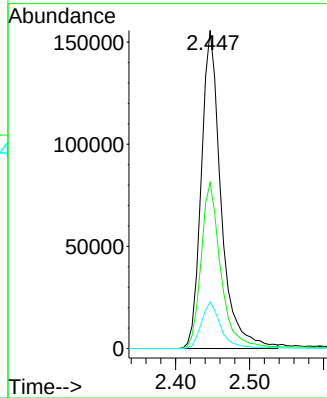
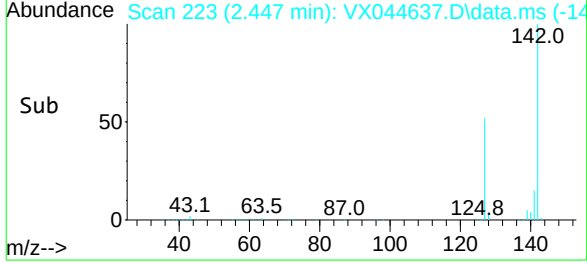
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 142 Resp: 288486
Ion Ratio Lower Upper
142 100
127 52.1 24.1 72.2
141 14.6 7.0 20.9

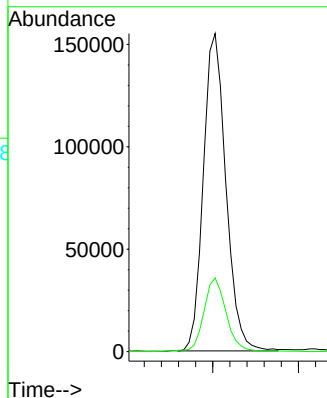
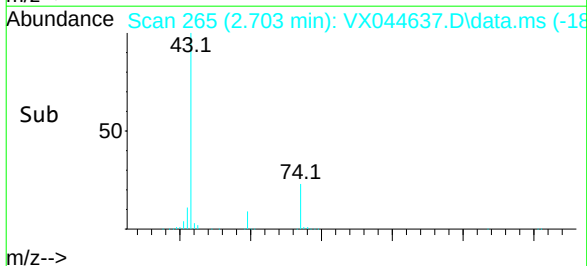
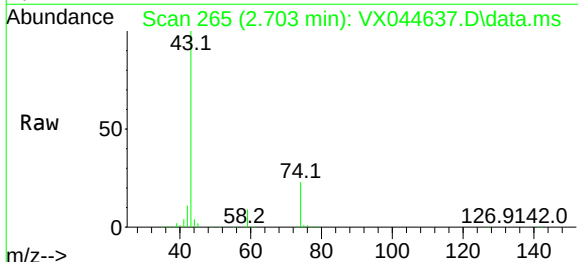
Manual Integrations
APPROVED

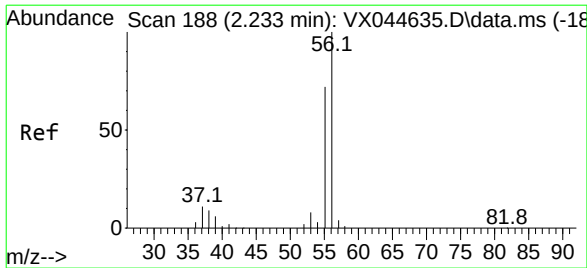
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#12
Methyl Acetate
Concen: 83.968 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Tgt Ion: 43 Resp: 283734
Ion Ratio Lower Upper
43 100
74 23.0 19.4 29.0





#13

Acrolein

Concen: 469.018 ug/l

RT: 2.233 min Scan# 18

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 266314

Ion Ratio Lower Upper

56 100

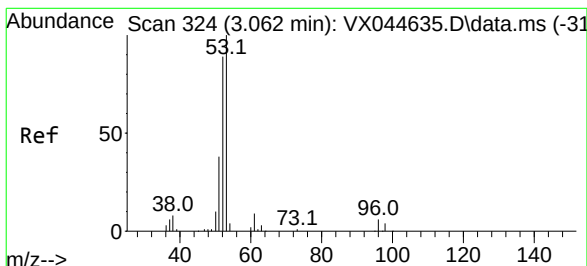
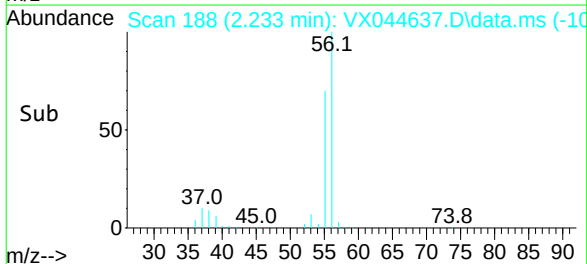
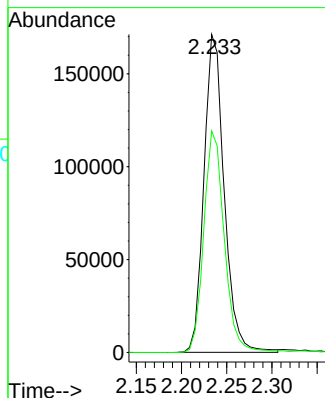
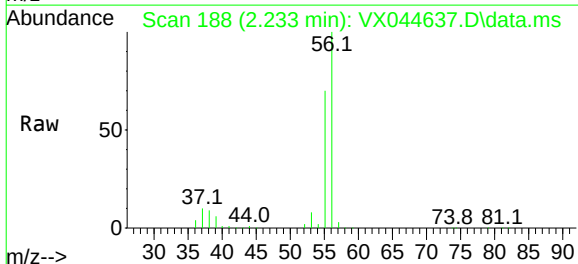
55 70.4 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#14

Acrylonitrile

Concen: 417.863 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

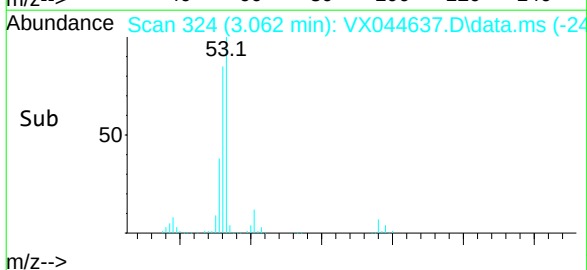
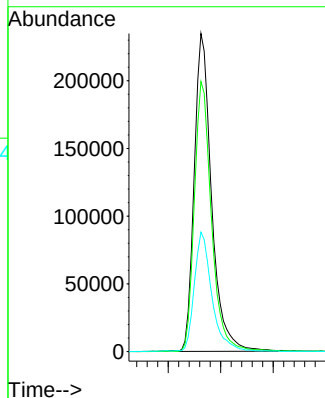
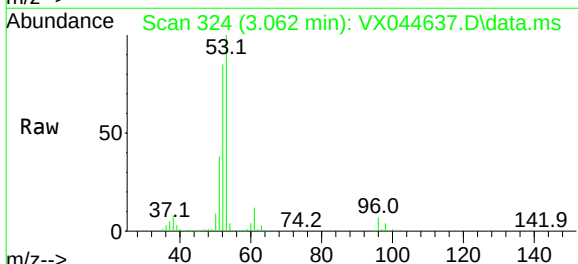
Tgt Ion: 53 Resp: 539961

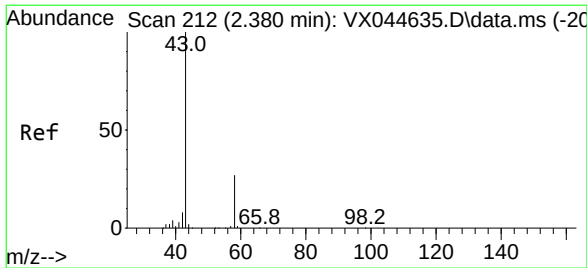
Ion Ratio Lower Upper

53 100

52 83.2 41.5 124.6

51 38.0 18.4 55.4





#15

Acetone

Concen: 374.818 ug/l

RT: 2.386 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 58 Resp: 131114

Ion Ratio Lower Upper

58 100

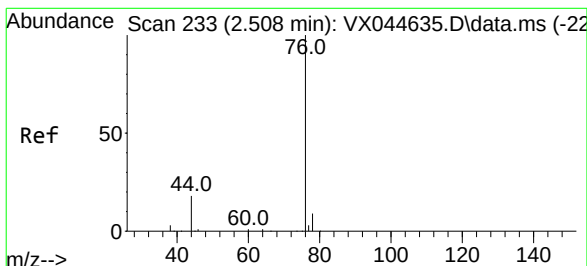
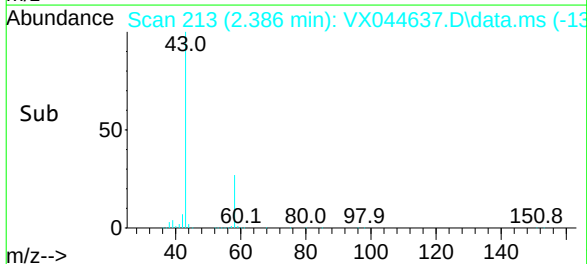
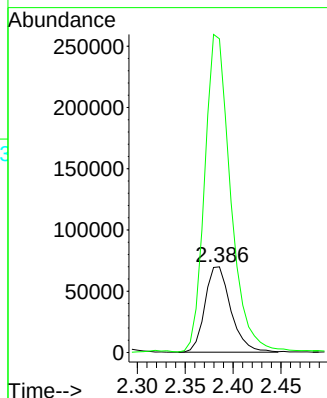
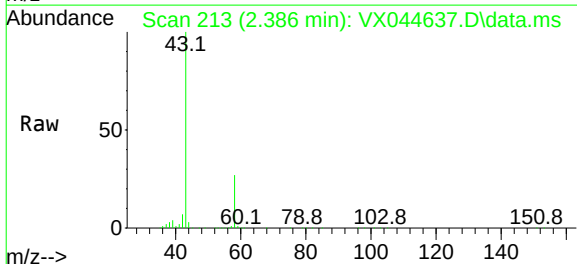
43 366.8 293.6 440.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#16

Carbon Disulfide

Concen: 90.118 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.000 min

Lab File: VX044637.D

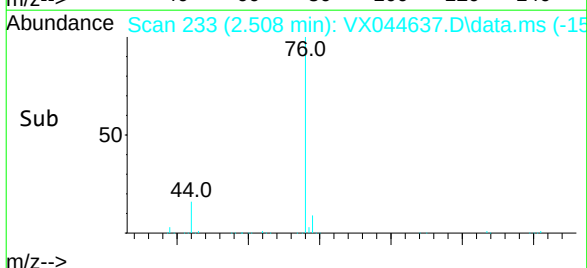
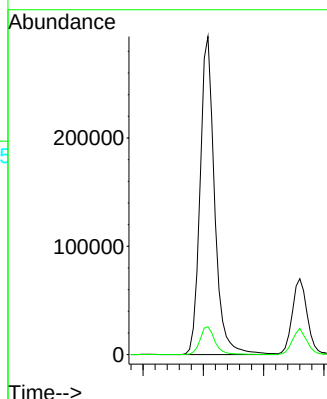
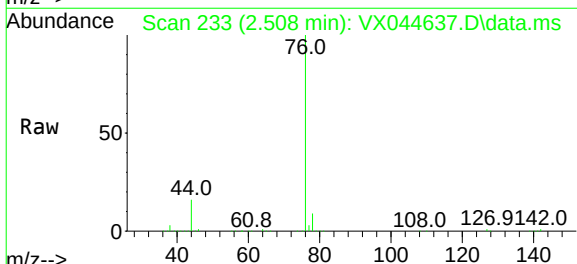
Acq: 09 Jan 2025 01:18

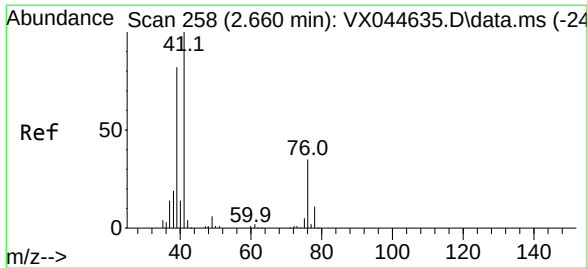
Tgt Ion: 76 Resp: 490823

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4





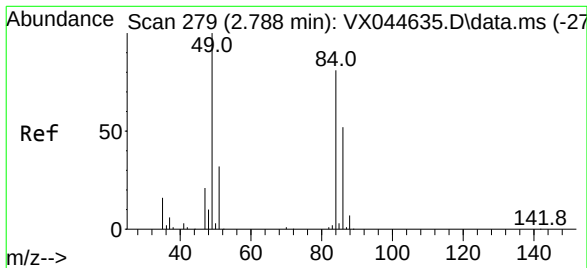
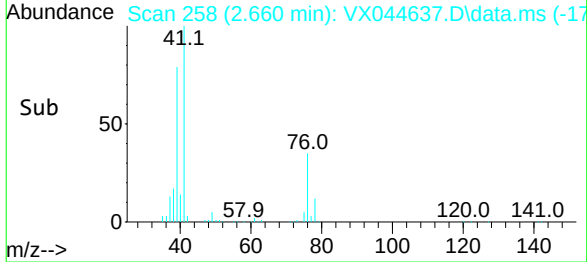
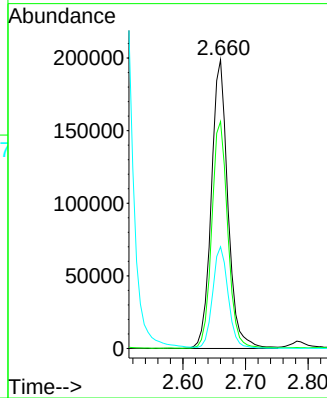
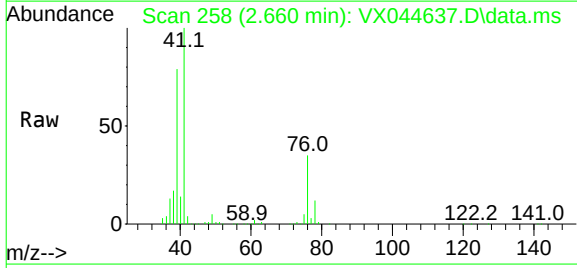
#17
 Allyl chloride
 Concen: 98.907 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX044637.D
 Acq: 09 Jan 2025 01:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion:	41	Resp:	366965
Ion	Ratio	Lower	Upper
41	100		
39	78.5	40.9	122.7
76	35.1	17.4	52.2

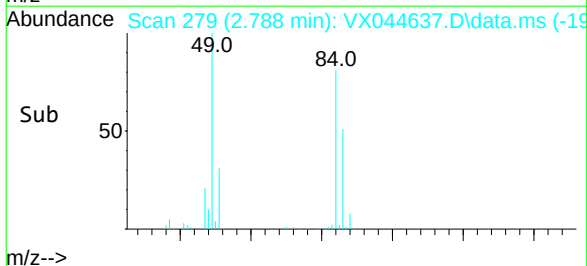
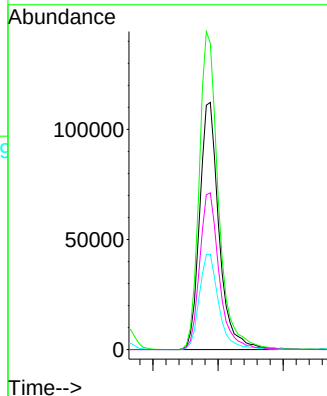
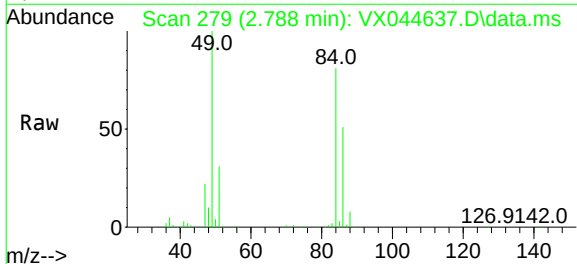
Manual Integrations
 APPROVED

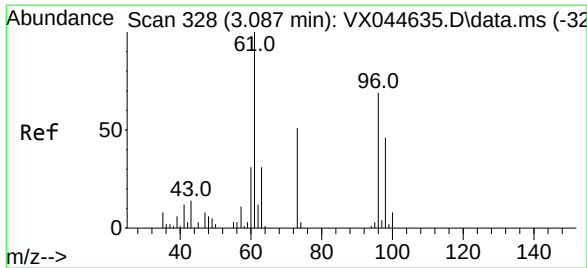
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025



#18
 Methylene Chloride
 Concen: 102.493 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX044637.D
 Acq: 09 Jan 2025 01:18

Tgt Ion:	84	Resp:	232188
Ion	Ratio	Lower	Upper
84	100		
49	124.0	99.2	148.8
51	38.6	31.7	47.5
86	63.4	52.0	78.0





#19

trans-1,2-Dichloroethene

Concen: 101.783 ug/l

RT: 3.087 min Scan# 328

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

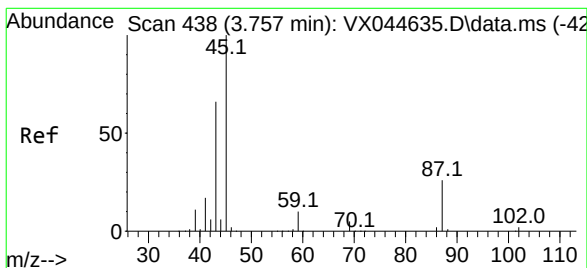
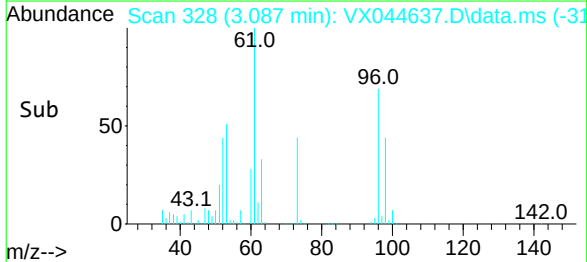
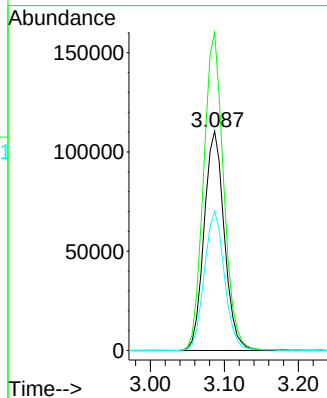
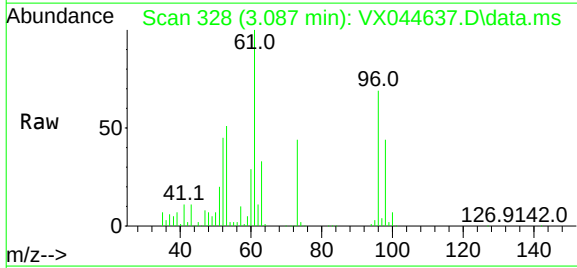
Tgt Ion:	96	Resp:	209781
Ion	Ratio	Lower	Upper
96	100		
61	145.0	116.6	175.0
98	63.7	53.3	79.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#20

Diisopropyl ether

Concen: 100.468 ug/l

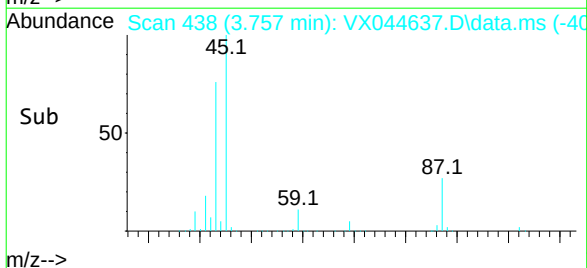
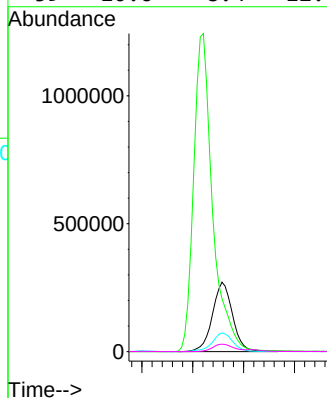
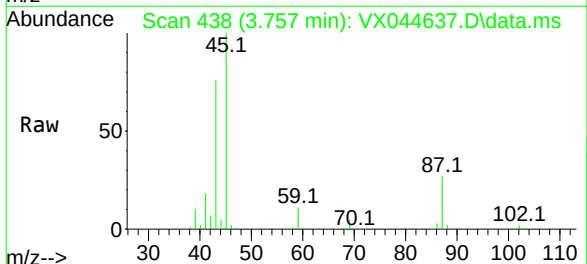
RT: 3.757 min Scan# 438

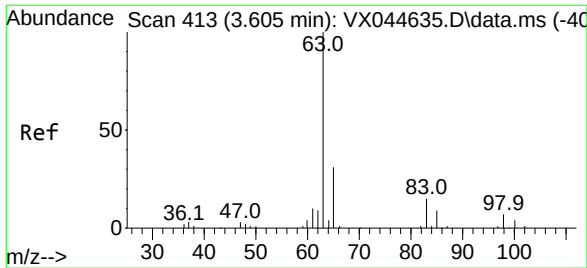
Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Tgt Ion:	45	Resp:	744594
Ion	Ratio	Lower	Upper
45	100		
43	75.6	62.0	93.0
87	26.8	20.6	30.8
59	10.6	8.4	12.6





#21

1,1-Dichloroethane

Concen: 103.625 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

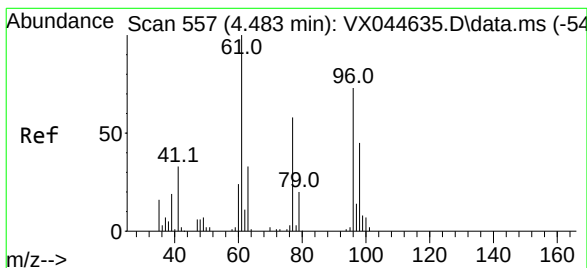
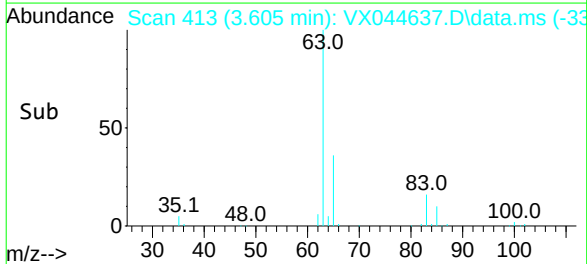
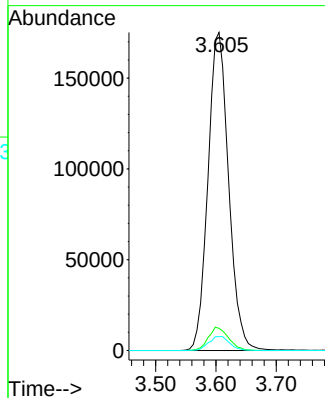
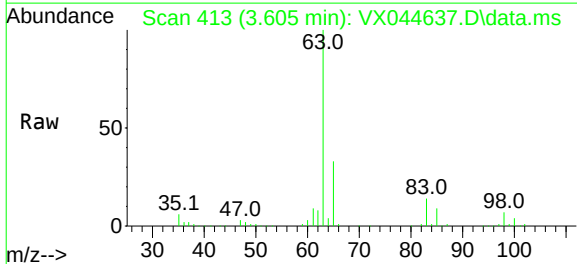
Tgt Ion:	63	Resp:	417263
Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.4	10.1
100	4.4	2.2	6.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#22

cis-1,2-Dichloroethene

Concen: 104.520 ug/l

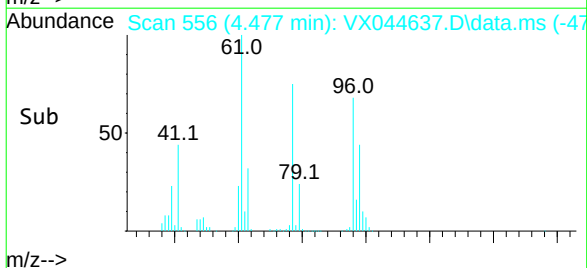
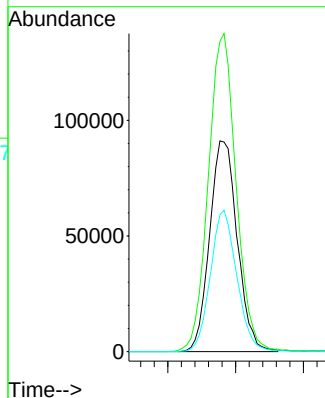
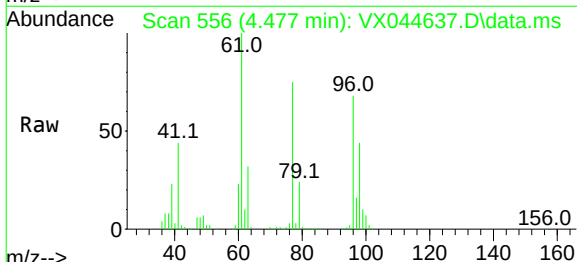
RT: 4.477 min Scan# 556

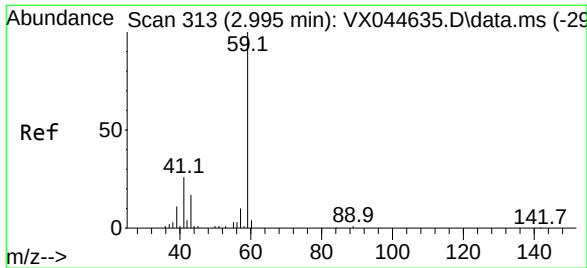
Delta R.T. -0.006 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Tgt Ion:	96	Resp:	258054
Ion	Ratio	Lower	Upper
96	100		
61	150.8	119.8	179.8
98	64.0	51.6	77.4





#23

tert-Butyl Alcohol

Concen: 340.747 ug/l

RT: 3.008 min Scan# 313

Delta R.T. 0.012 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 59 Resp: 185698

Ion Ratio Lower Upper

59 100

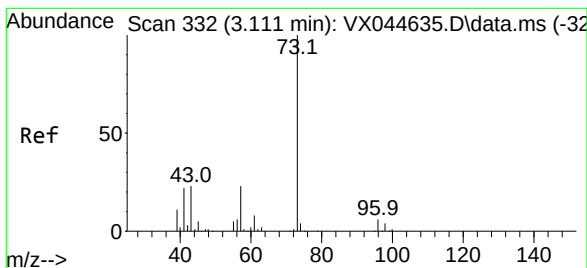
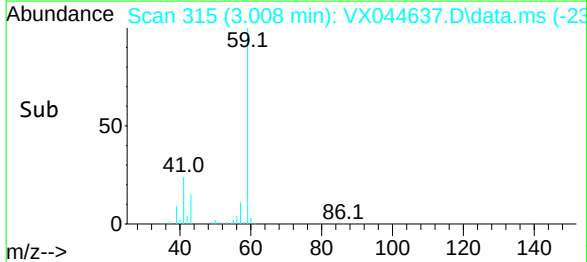
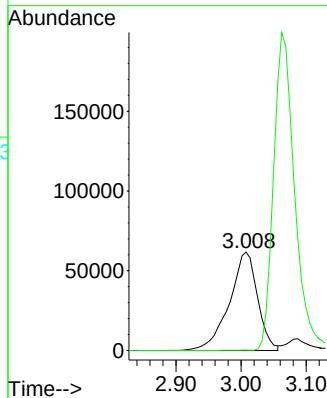
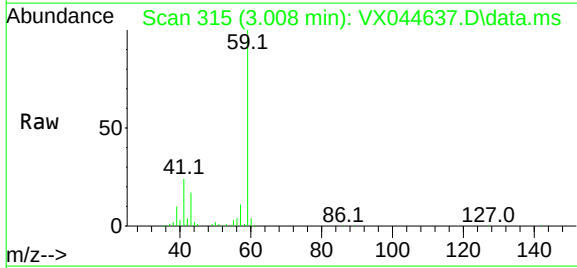
52 0.1 0.0 0.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#24

Methyl tert-Butyl Ether

Concen: 107.297 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX044637.D

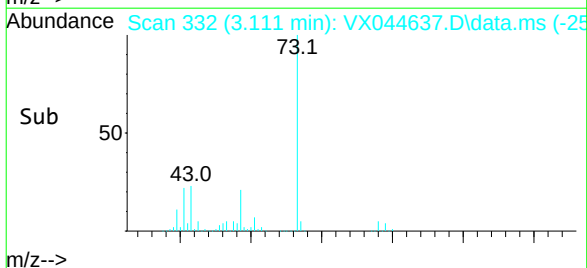
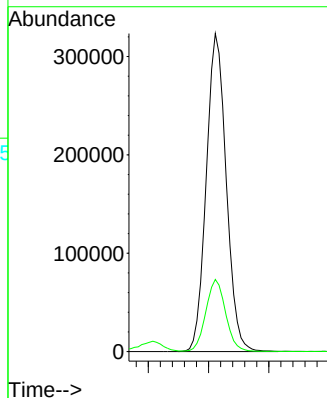
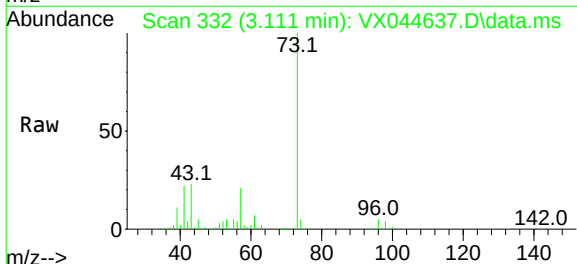
Acq: 09 Jan 2025 01:18

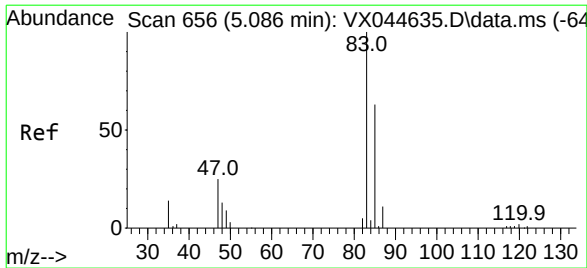
Tgt Ion: 73 Resp: 744015

Ion Ratio Lower Upper

73 100

43 22.5 18.3 27.5





#25

Chloroform

Concen: 112.329 ug/l

RT: 5.086 min Scan# 65

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 436654

Ion Ratio Lower Upper

83 100

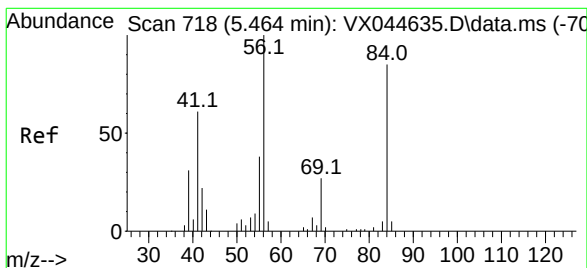
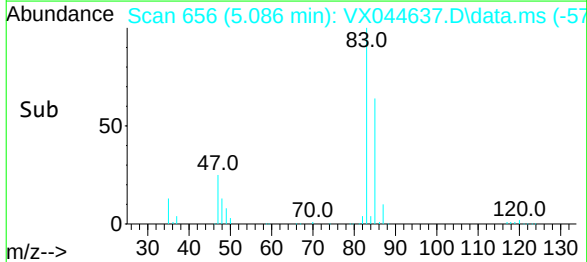
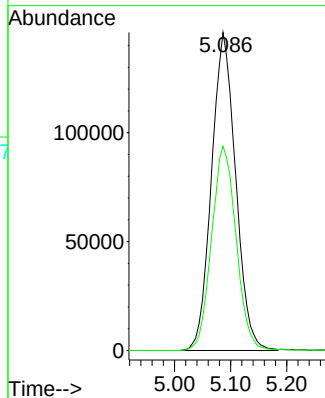
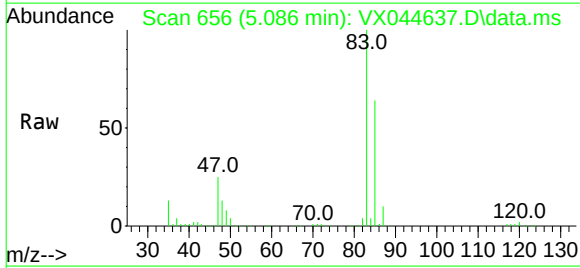
85 64.2 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#26

Cyclohexane

Concen: 90.311 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

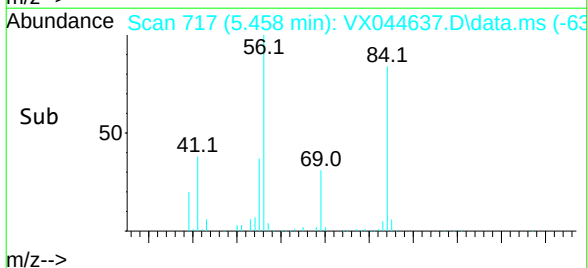
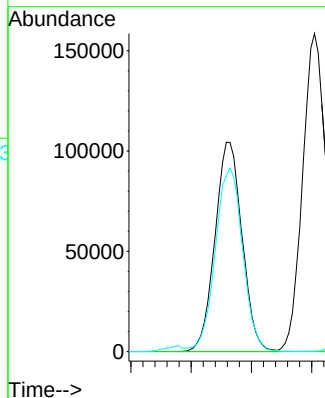
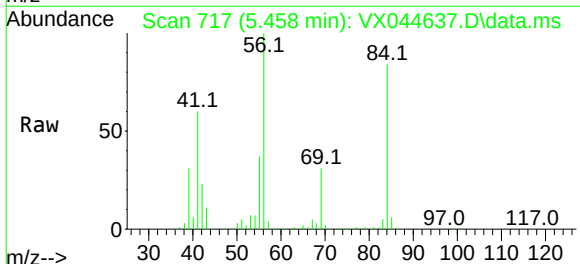
Tgt Ion: 56 Resp: 326011

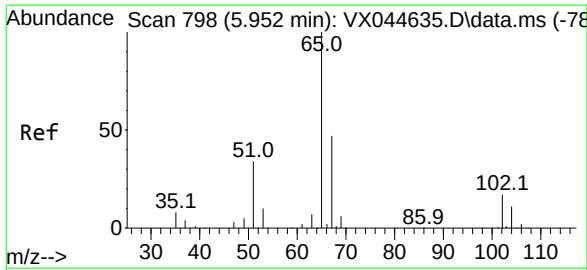
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.9 69.2 103.8





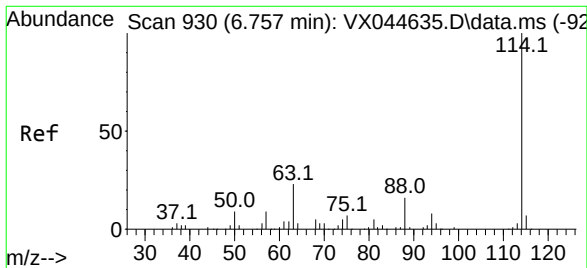
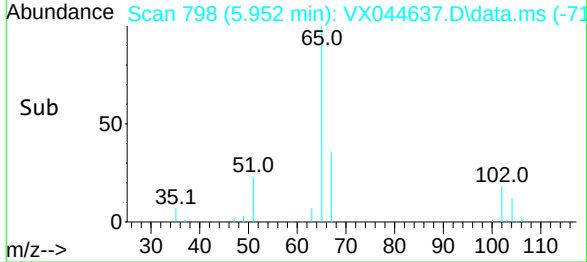
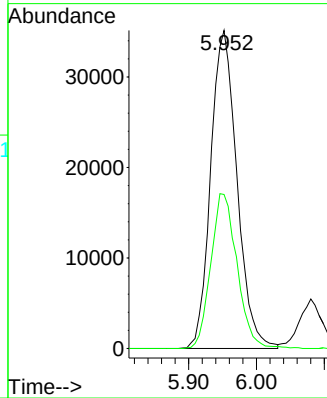
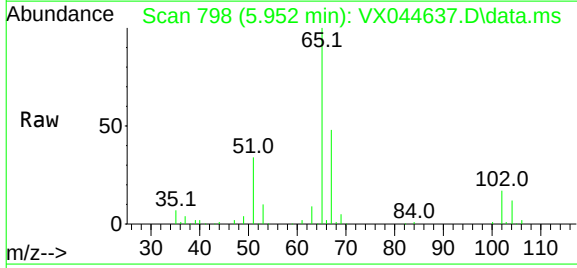
#27
1,2-Dichloroethane-d4
Concen: 38.198 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 65 Resp: 94578
Ion Ratio Lower Upper
65 100
67 48.6 39.1 58.7

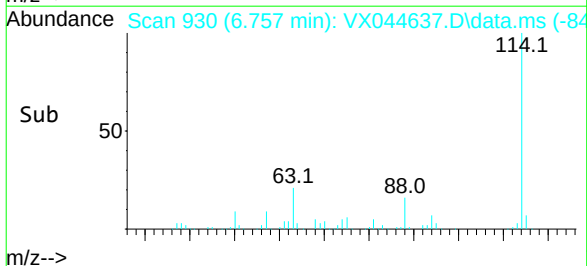
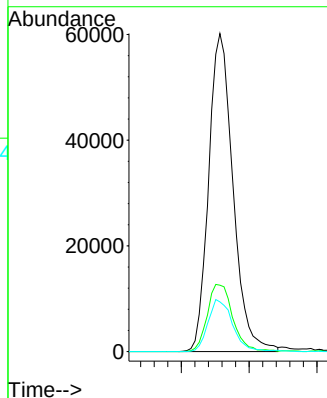
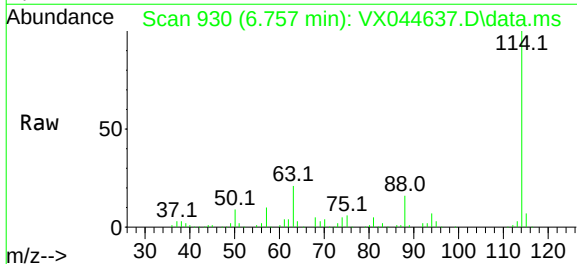
Manual Integrations
APPROVED

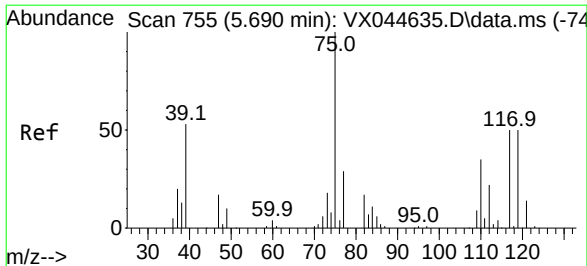
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Tgt Ion:114 Resp: 150132
Ion Ratio Lower Upper
114 100
63 21.8 17.7 26.5
88 16.3 13.1 19.7





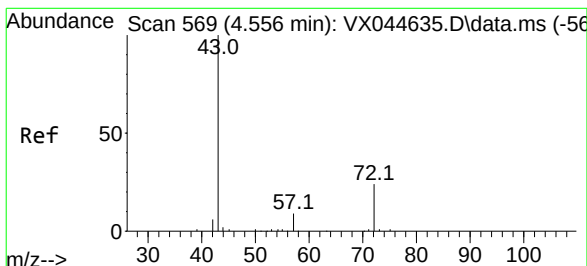
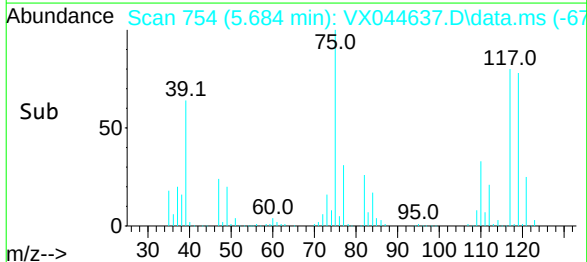
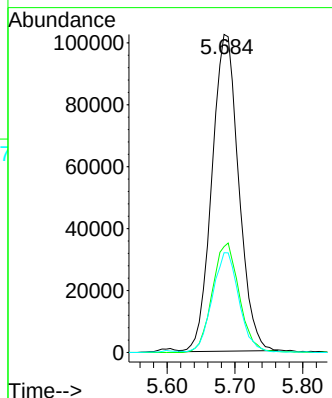
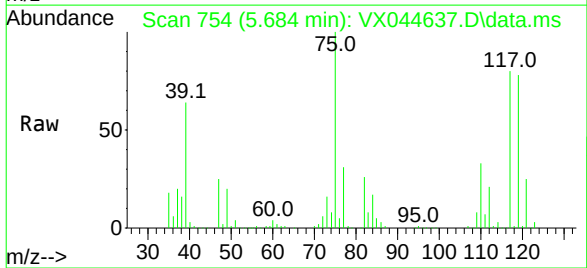
#29
1,1-Dichloropropene
Concen: 117.974 ug/l
RT: 5.684 min Scan# 75
Delta R.T. -0.006 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:	75	Resp:	281076
Ion	Ratio	Lower	Upper
75	100		
110	34.7	0.0	67.4
77	31.4	0.0	62.8

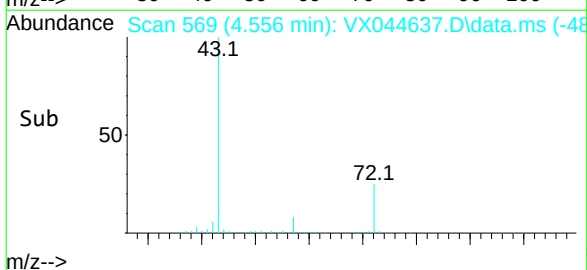
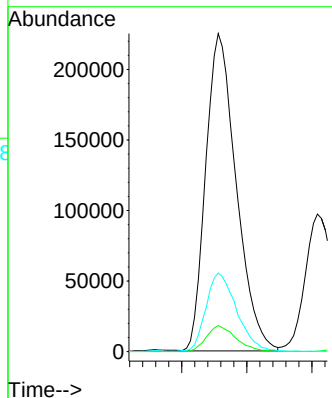
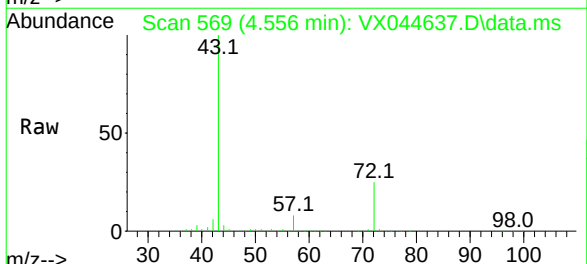
Manual Integrations
APPROVED

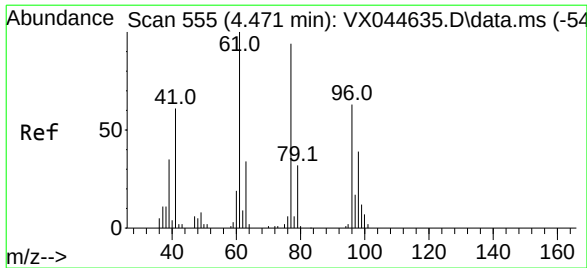
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#30
2-Butanone
Concen: 455.706 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Tgt Ion:	43	Resp:	732488
Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.4	9.6
72	24.9	19.4	29.2





#31

2,2-Dichloropropane

Concen: 116.090 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 338224

Ion Ratio Lower Upper

77 100

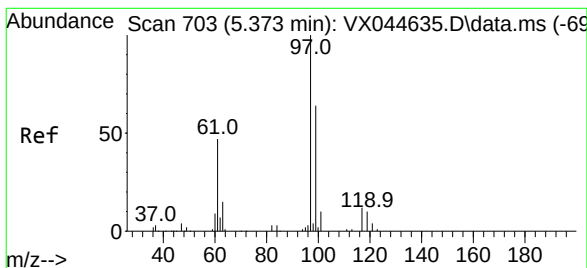
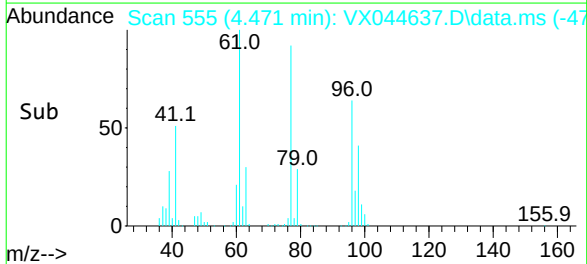
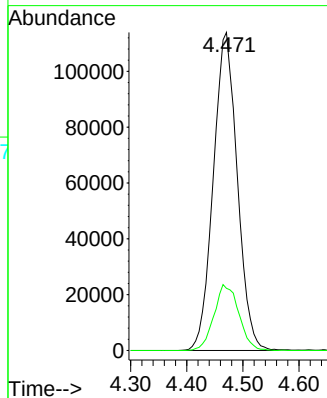
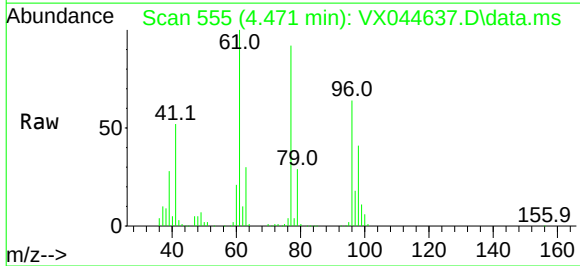
97 21.4 9.3 13.9#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#32

1,1,1-Trichloroethane

Concen: 132.539 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

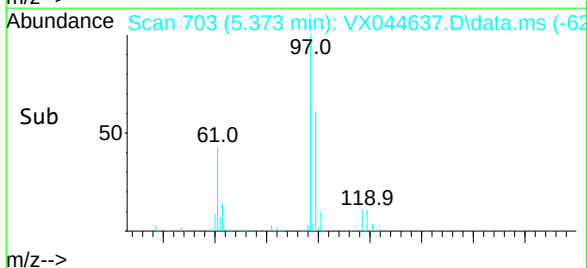
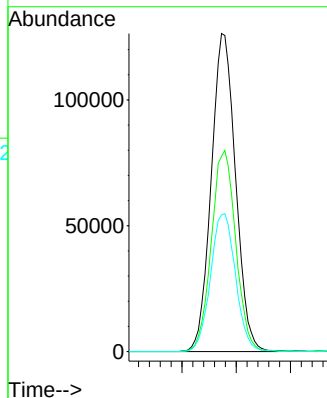
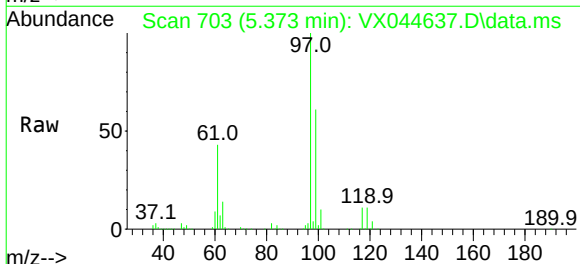
Tgt Ion: 97 Resp: 393924

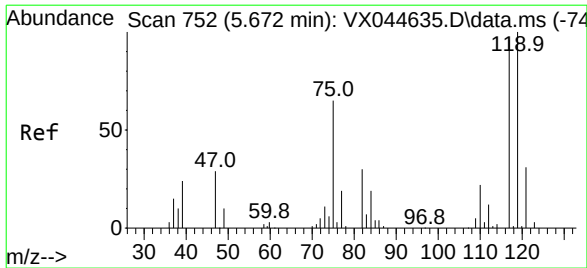
Ion Ratio Lower Upper

97 100

99 63.3 50.2 75.4

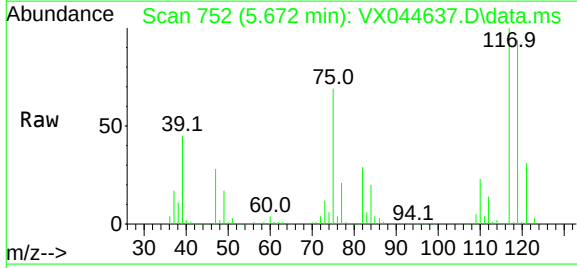
61 44.5 37.4 56.0





#33
Carbon Tetrachloride
Concen: 134.140 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

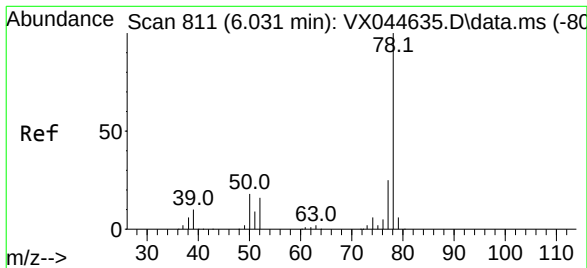
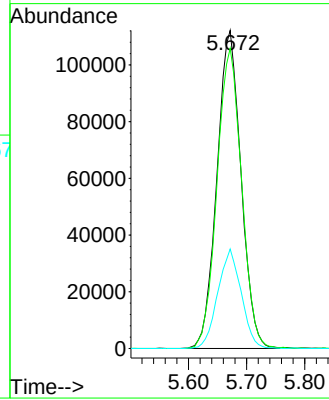
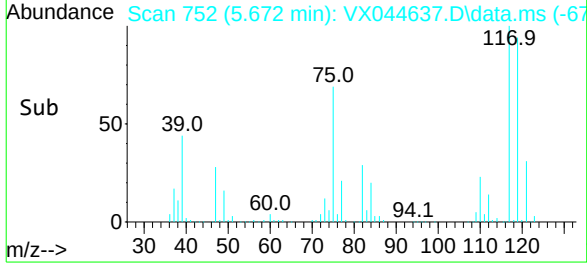
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 117 Resp: 322837
Ion Ratio Lower Upper
117 100
119 94.4 83.0 124.6
121 31.3 25.6 38.4

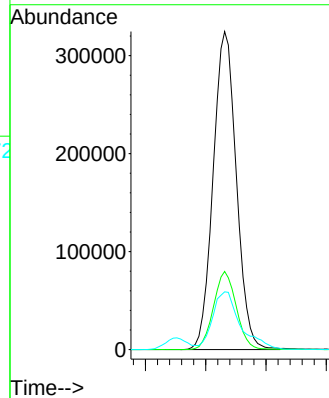
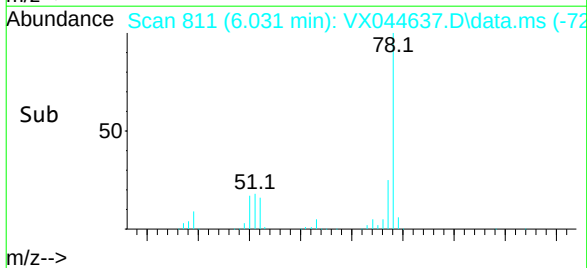
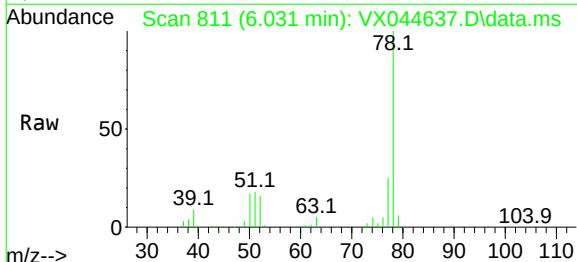
Manual Integrations
APPROVED

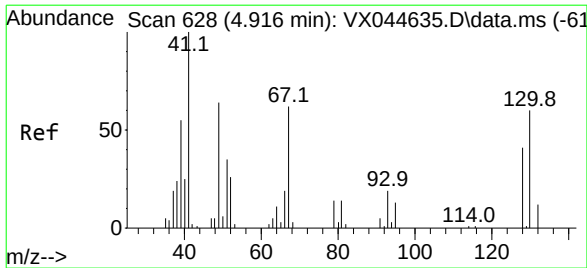
Reviewed By : John Carlone 01/09/2025
Supervised By : Semsettin Yesilyurt 01/09/2025



#34
Benzene
Concen: 110.827 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

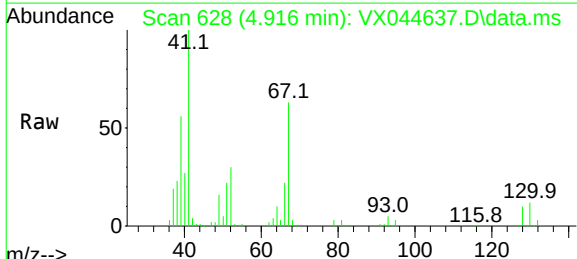
Tgt Ion: 78 Resp: 867556
Ion Ratio Lower Upper
78 100
77 24.6 19.8 29.6
51 17.7 14.5 21.7





#35
Methacrylonitrile
Concen: 100.446 ug/l
RT: 4.916 min Scan# 628
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

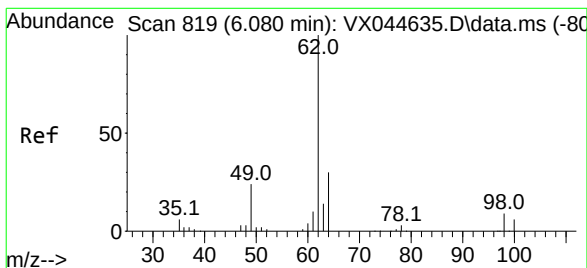
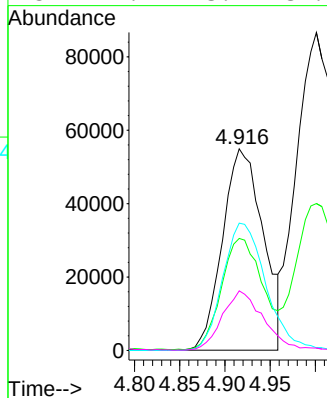
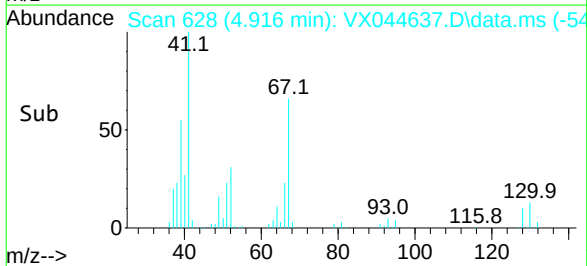
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



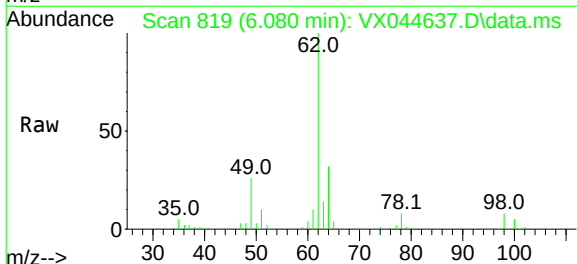
Tgt Ion: 41 Resp: 171897
Ion Ratio Lower Upper
41 100
39 55.0 27.7 83.0
67 63.3 31.1 93.3
52 29.4 13.1 39.1

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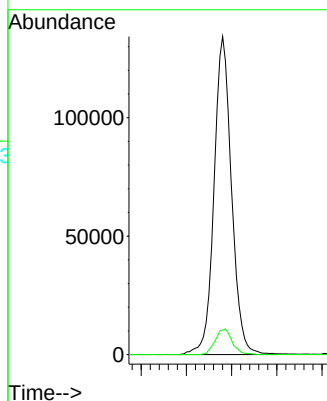
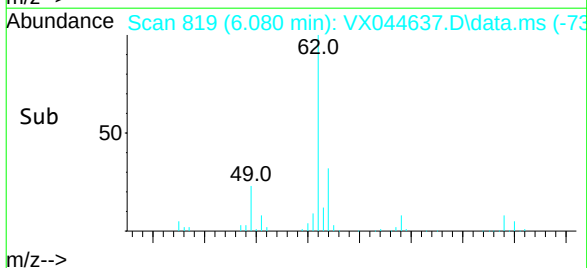
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

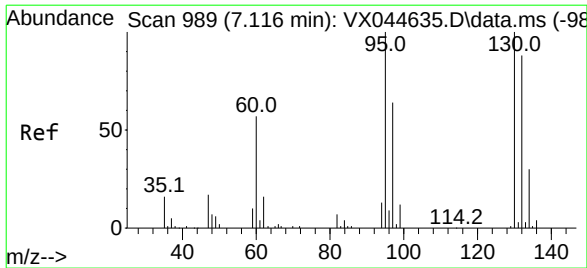


#36
1,2-Dichloroethane
Concen: 138.281 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18



Tgt Ion: 62 Resp: 361345
Ion Ratio Lower Upper
62 100
98 7.8 6.7 10.1





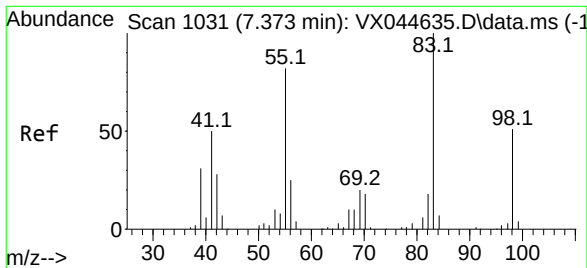
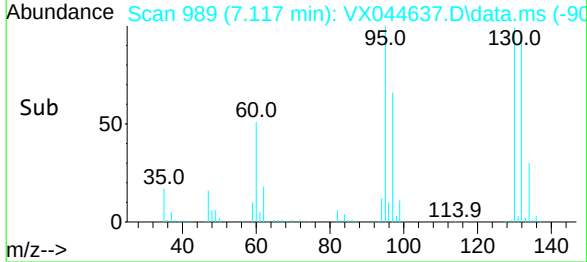
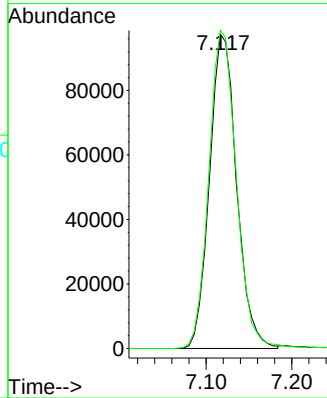
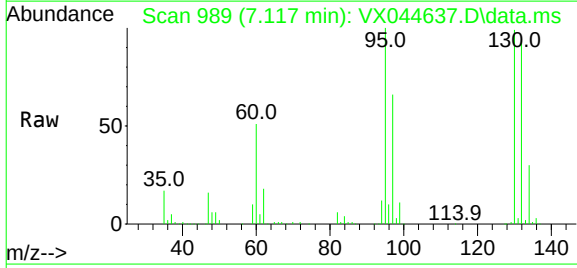
#37
Trichloroethene
Concen: 119.141 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 130 Resp: 213376
Ion Ratio Lower Upper
130 100
95 101.1 80.2 120.4

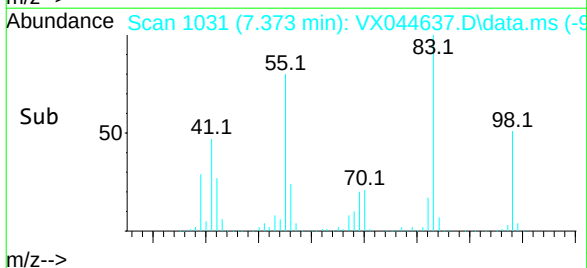
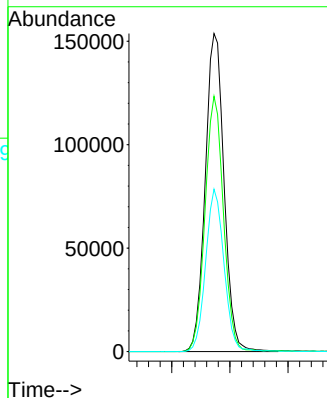
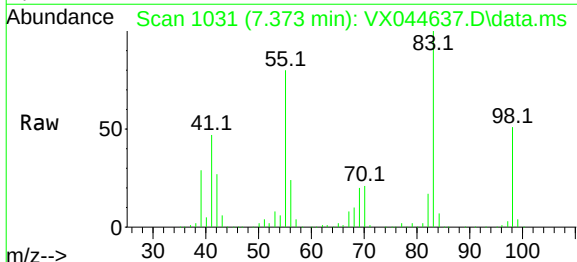
Manual Integrations
APPROVED

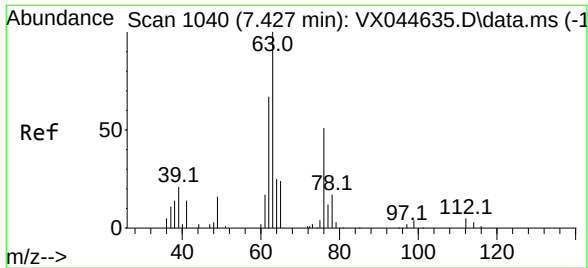
Reviewed By : John Carlone 01/09/2025
Supervised By : Semsettin Yesilyurt 01/09/2025



#38
Methylcyclohexane
Concen: 108.408 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

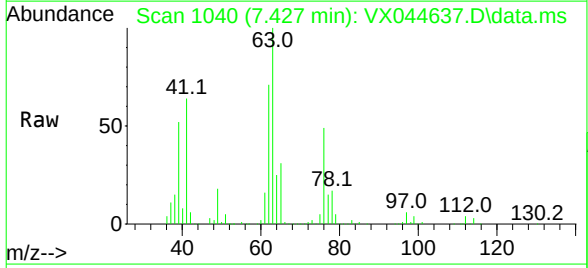
Tgt Ion: 83 Resp: 346083
Ion Ratio Lower Upper
83 100
55 78.1 40.0 120.0
98 49.3 24.4 73.2





#39
1,2-Dichloropropane
Concen: 111.609 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

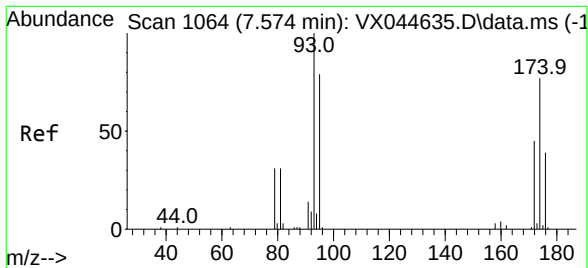
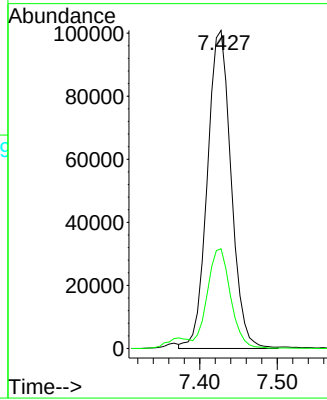
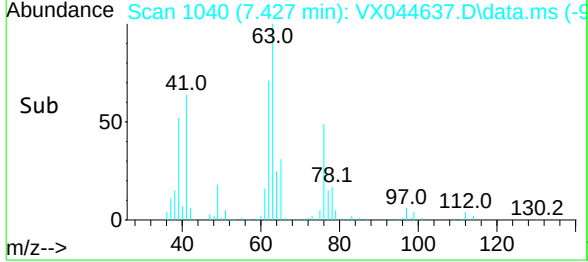
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



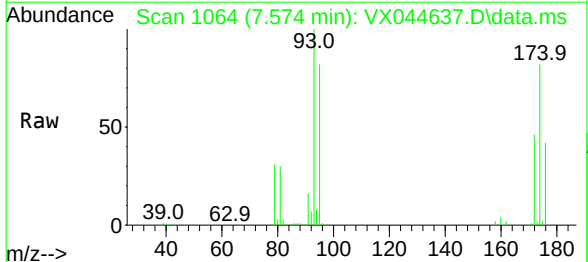
Tgt Ion: 63 Resp: 215128
Ion Ratio Lower Upper
63 100
65 31.4 21.4 32.0

Manual Integrations
APPROVED

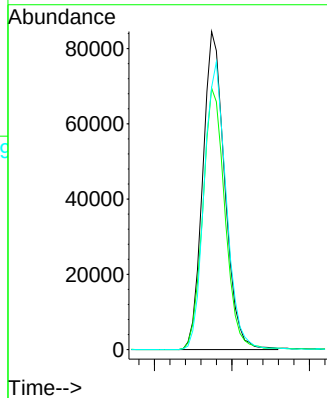
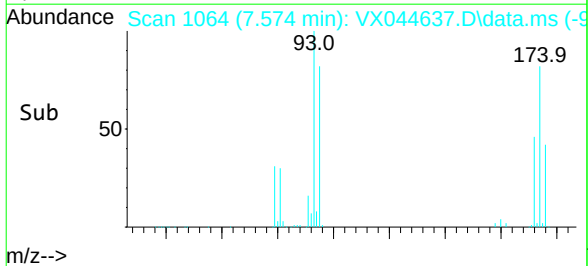
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

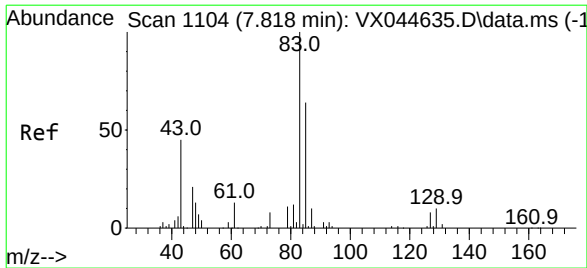


#40
Dibromomethane
Concen: 122.975 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18



Tgt Ion: 93 Resp: 166492
Ion Ratio Lower Upper
93 100
95 82.6 0.0 165.2
174 90.5 0.0 176.2





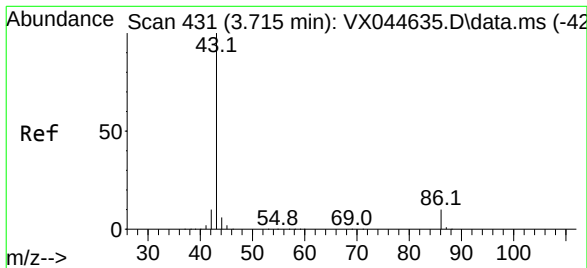
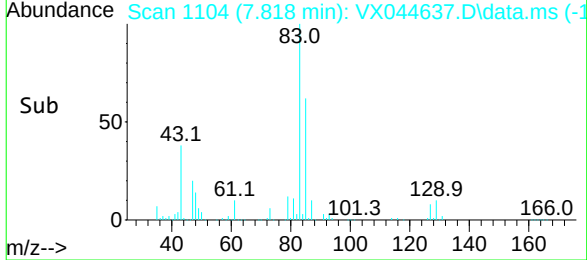
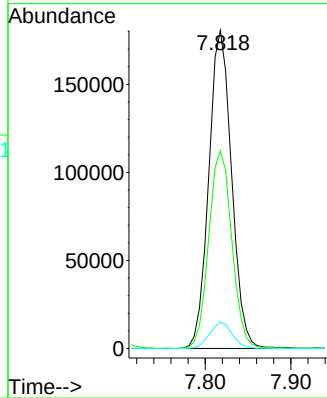
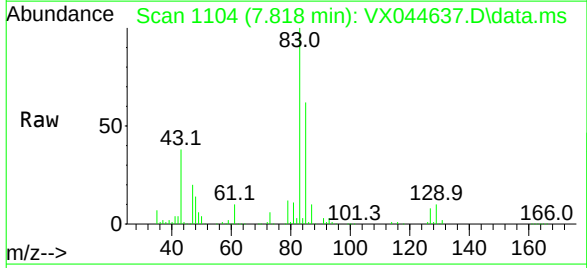
#41
Bromodichloromethane
Concen: 126.590 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 333975
Ion Ratio Lower Upper
83 100
85 62.1 50.8 76.2
127 8.3 6.6 9.8

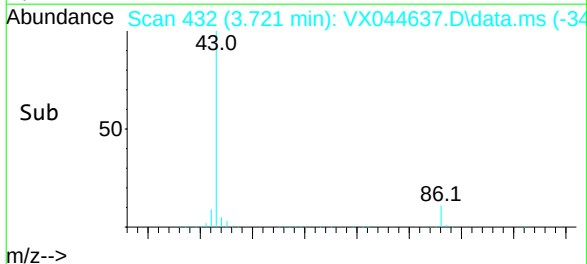
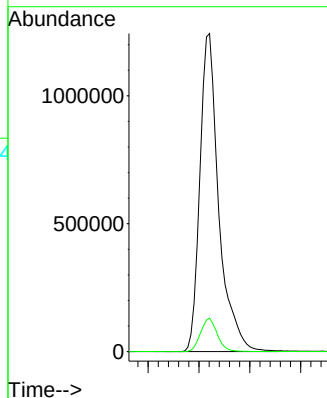
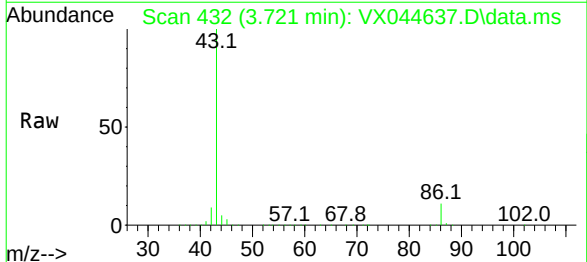
Manual Integrations
APPROVED

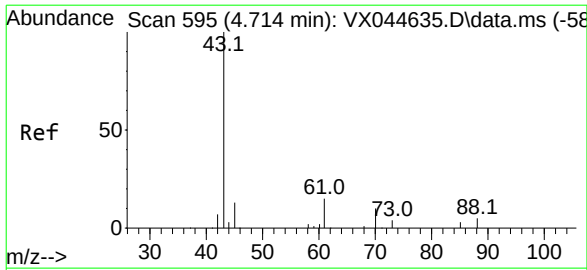
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#42
Vinyl Acetate
Concen: 451.792 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Tgt Ion: 43 Resp: 3212562
Ion Ratio Lower Upper
43 100
86 9.2 7.1 10.7





#43

Ethyl Acetate

Concen: 98.820 ug/l

RT: 4.708 min Scan# 59

Delta R.T. -0.006 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 306855

Ion Ratio Lower Upper

43 100

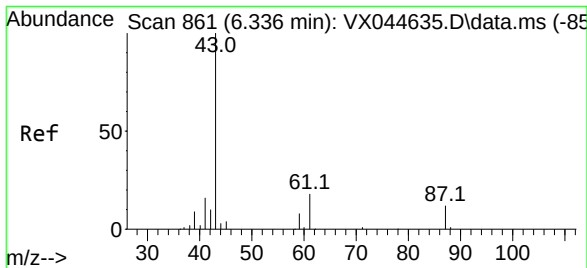
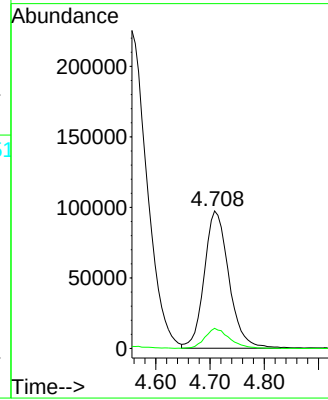
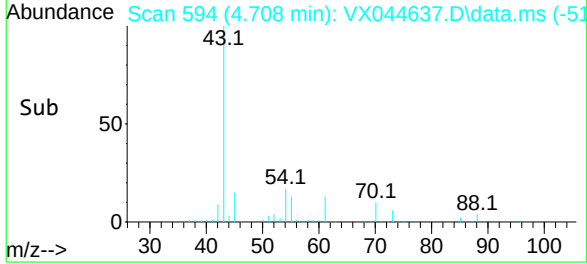
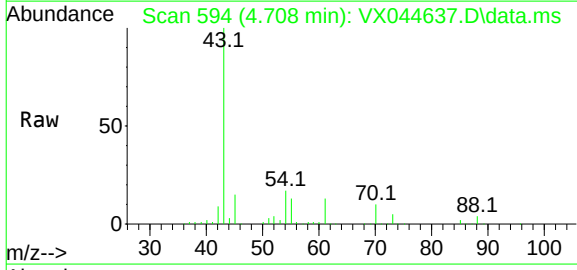
45 14.5 6.7 10.1#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#44

Isopropyl Acetate

Concen: 101.132 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX044637.D

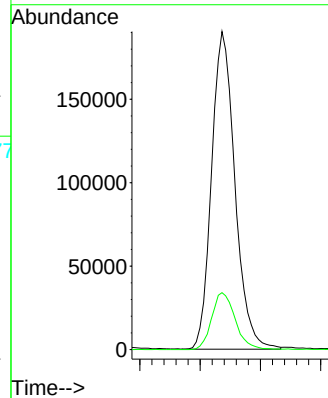
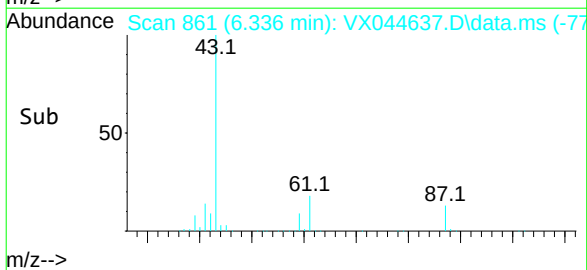
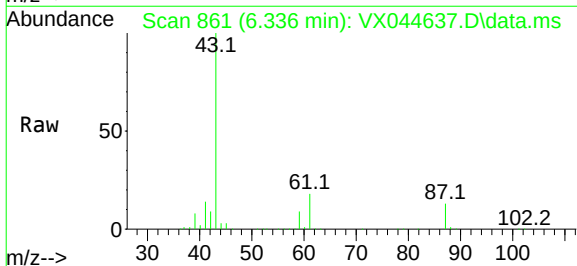
Acq: 09 Jan 2025 01:18

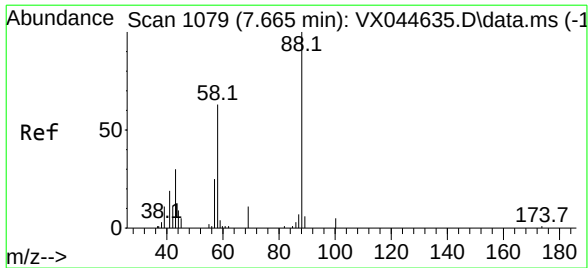
Tgt Ion: 43 Resp: 513153

Ion Ratio Lower Upper

43 100

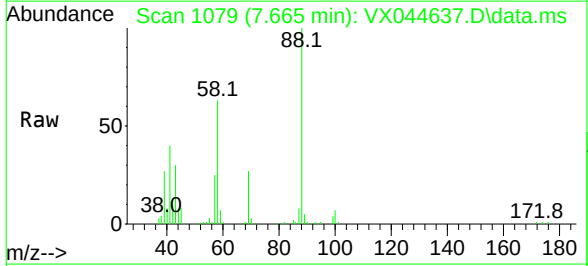
61 18.0 14.2 21.2





#45
1,4-Dioxane
Concen: 1470.387 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

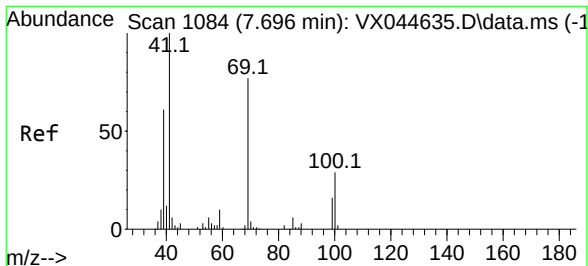
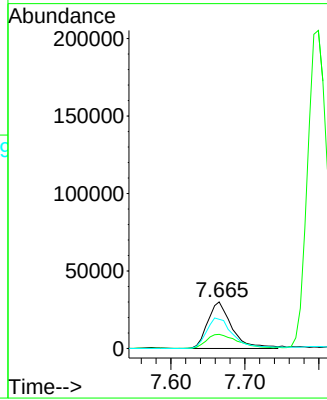
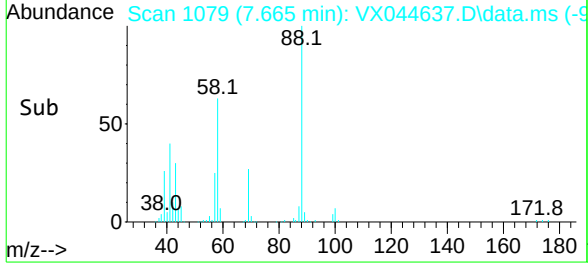
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



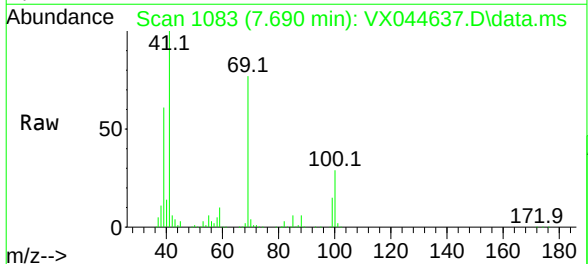
Tgt Ion: 88 Resp: 68256
Ion Ratio Lower Upper
88 100
43 38.5 31.0 46.4
58 72.5 56.6 84.8

Manual Integrations
APPROVED

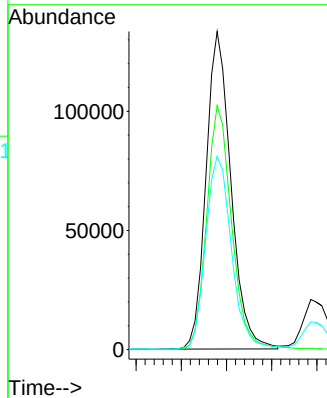
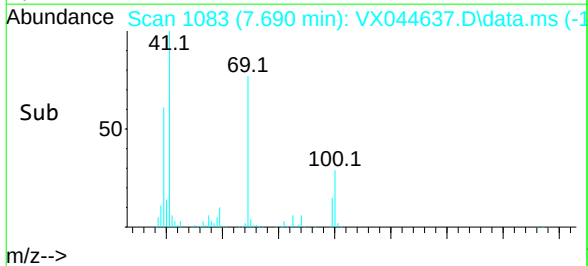
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

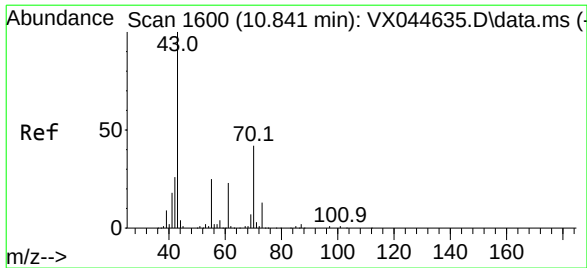


#46
Methyl methacrylate
Concen: 104.557 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18



Tgt Ion: 41 Resp: 254788
Ion Ratio Lower Upper
41 100
69 76.8 38.6 115.8
39 60.6 30.7 92.1





#47

n-amy1 Acetate

Concen: 99.530 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 437781

Ion Ratio Lower Upper

43 100

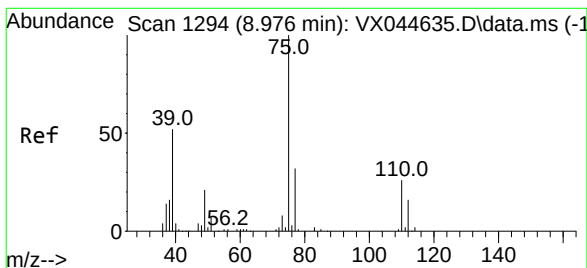
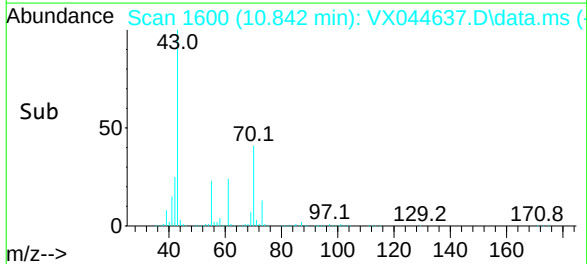
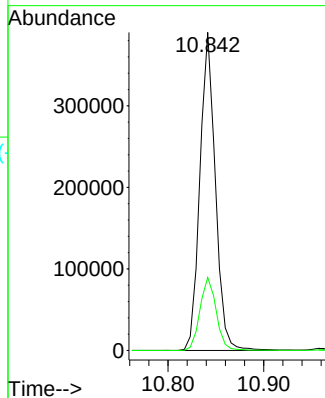
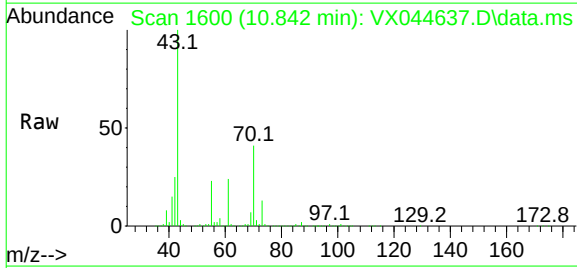
55 24.2 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#48

t-1,3-Dichloropropene

Concen: 116.830 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044637.D

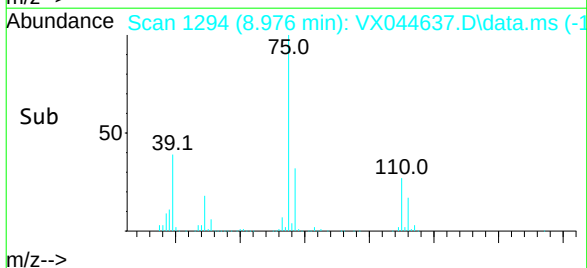
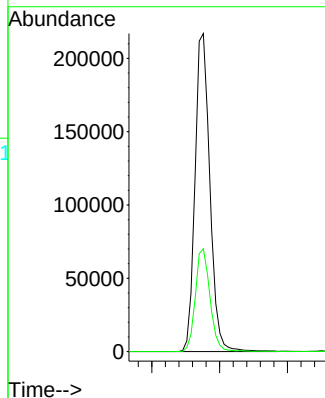
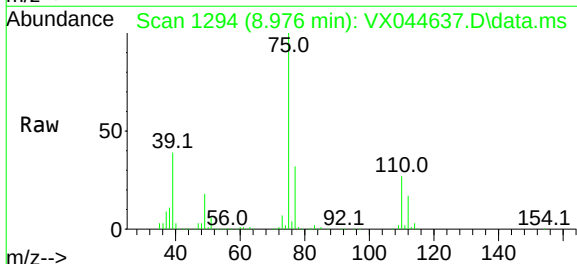
Acq: 09 Jan 2025 01:18

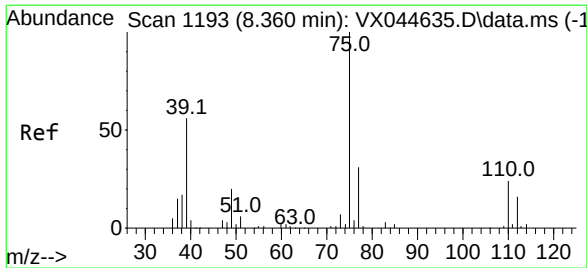
Tgt Ion: 75 Resp: 330283

Ion Ratio Lower Upper

75 100

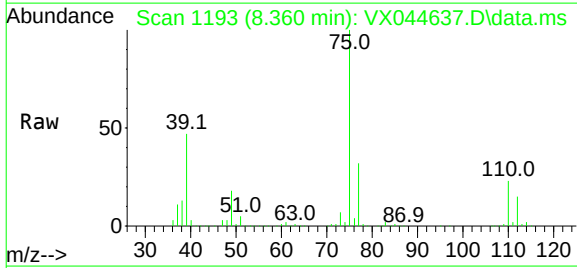
77 32.3 25.7 38.5





#49
 cis-1,3-Dichloropropene
 Concen: 126.066 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX044637.D
 Acq: 09 Jan 2025 01:18

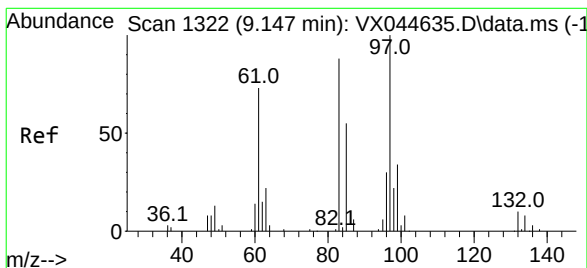
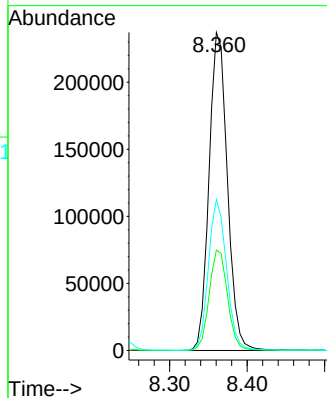
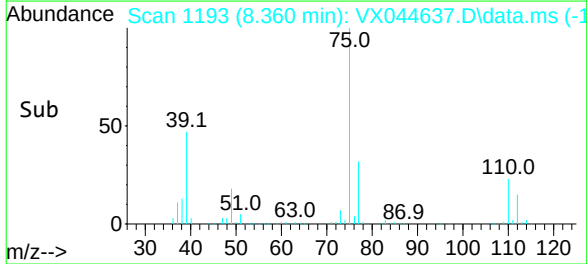
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



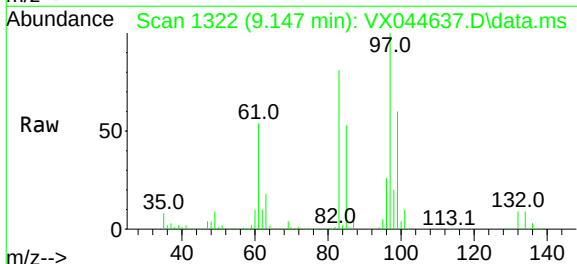
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.1	37.7
39	47.4	44.8	67.2

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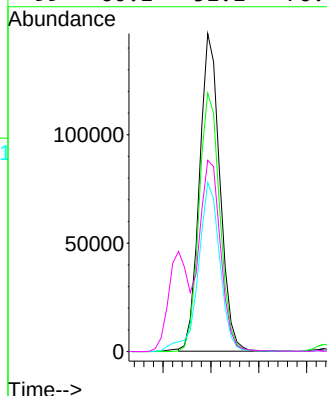
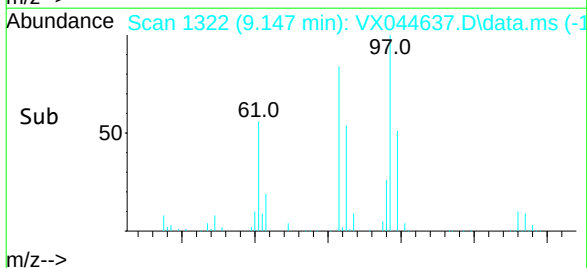
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025

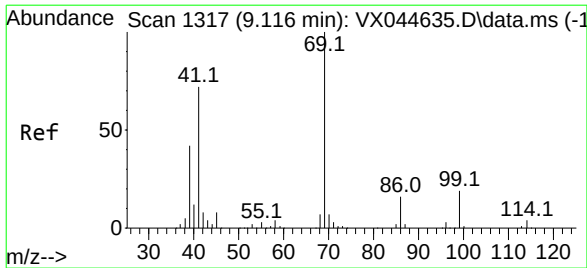


#50
 1,1,2-Trichloroethane
 Concen: 118.639 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX044637.D
 Acq: 09 Jan 2025 01:18



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.3	70.5	105.7
85	53.1	45.4	68.2
99	60.1	51.1	76.7





#51

Ethyl methacrylate

Concen: 102.750 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

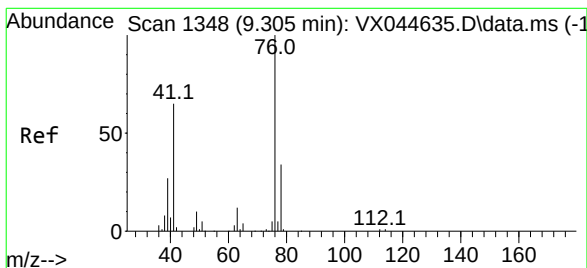
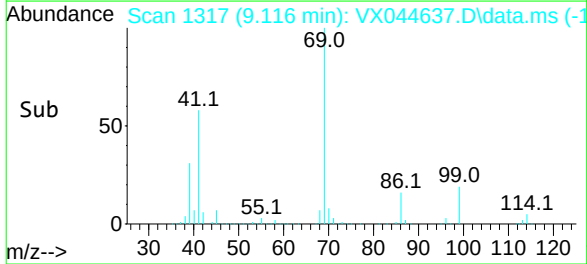
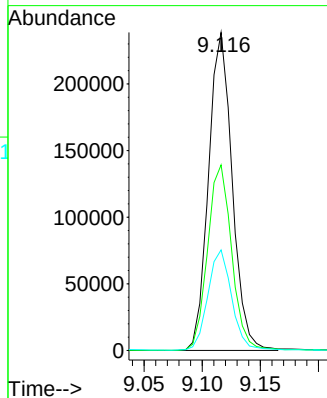
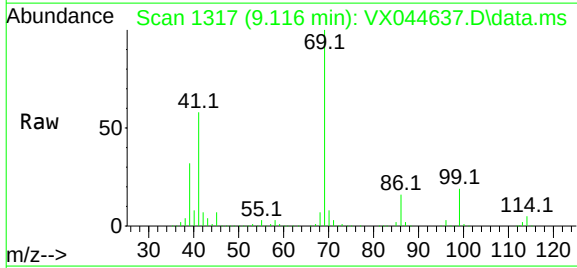
Tgt Ion:	69	Resp:	338154
Ion	Ratio	Lower	Upper
69	100		
41	58.3	35.8	107.4
39	31.4	21.0	63.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#52

1,3-Dichloropropane

Concen: 111.622 ug/l

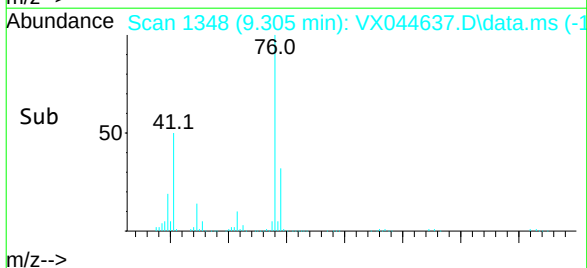
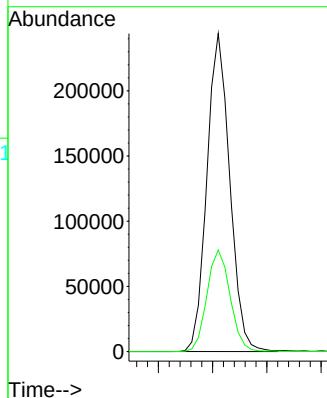
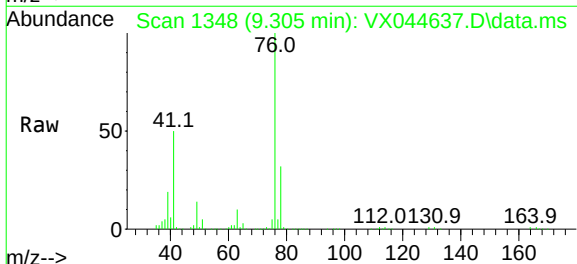
RT: 9.305 min Scan# 1348

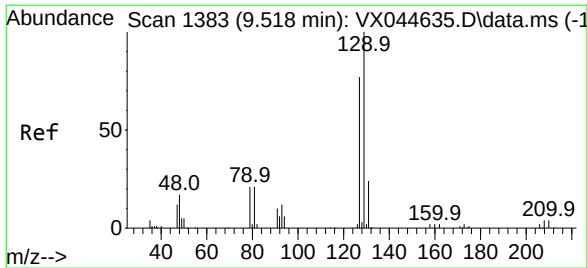
Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Tgt Ion:	76	Resp:	357173
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	66.0





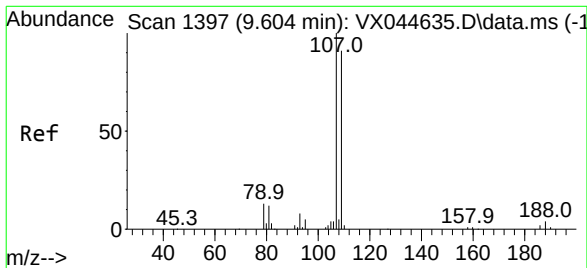
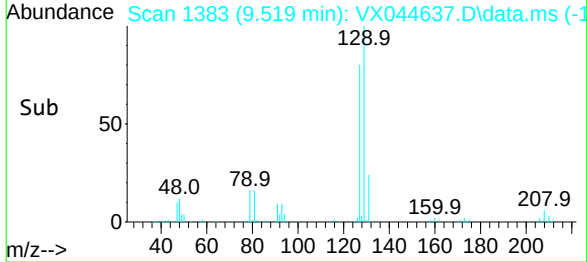
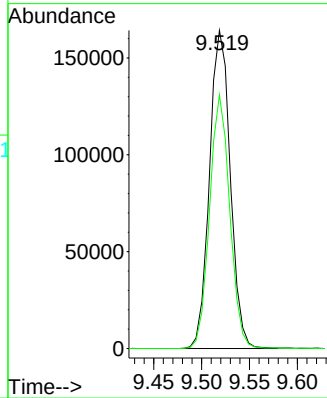
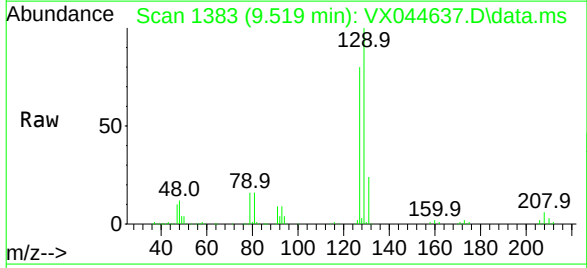
#53
Dibromochloromethane
Concen: 127.989 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:129 Resp: 248105
Ion Ratio Lower Upper
129 100
127 77.3 39.0 116.9

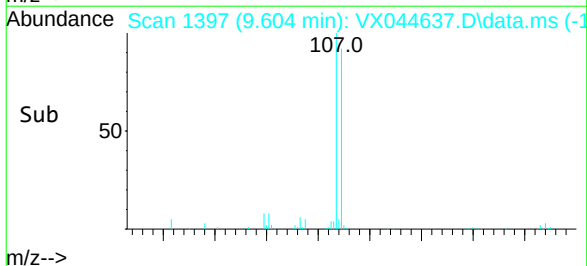
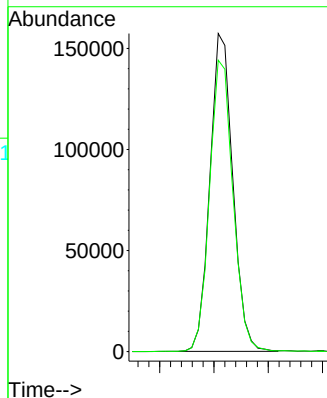
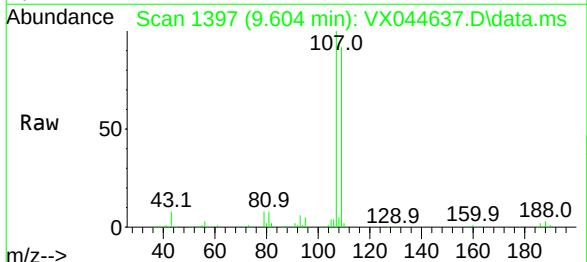
Manual Integrations
APPROVED

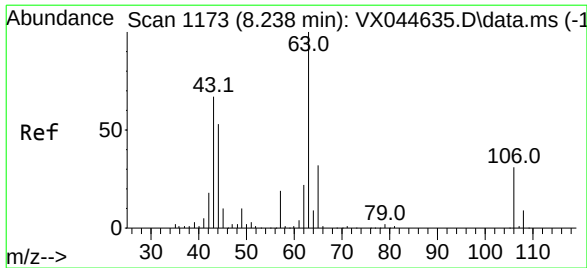
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#54
1,2-Dibromoethane
Concen: 121.794 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

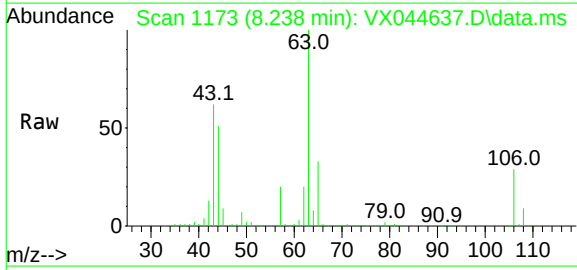
Tgt Ion:107 Resp: 230440
Ion Ratio Lower Upper
107 100
109 94.1 73.9 110.9





#55
2-Chloroethyl vinyl ether
Concen: 577.072 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

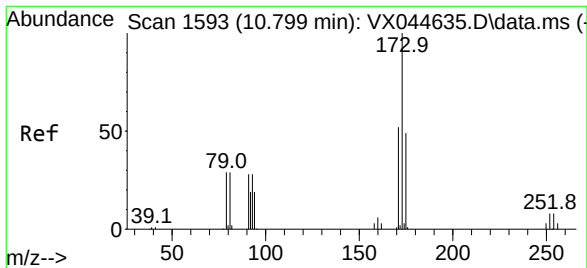
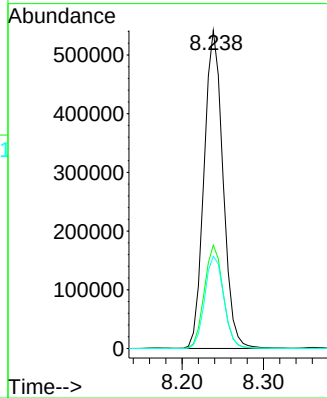
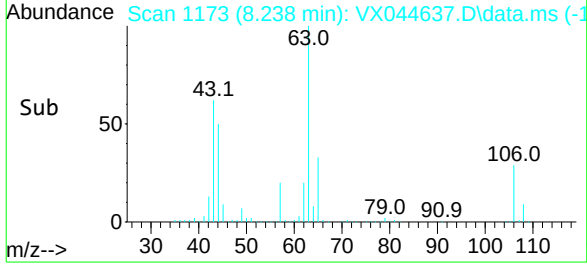
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



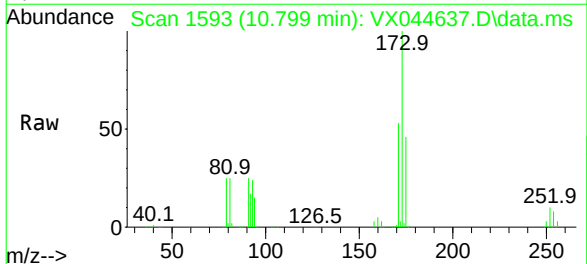
Tgt Ion: 63 Resp: 876549
Ion Ratio Lower Upper
63 100
65 32.4 26.1 39.1
106 29.4 22.6 33.8

Manual Integrations
APPROVED

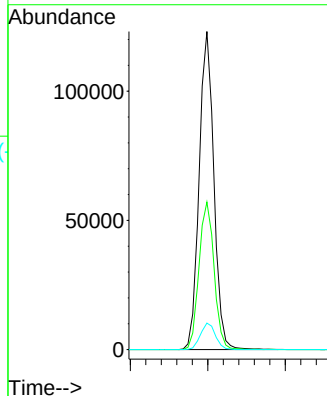
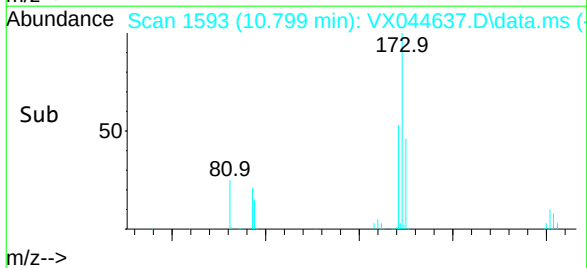
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

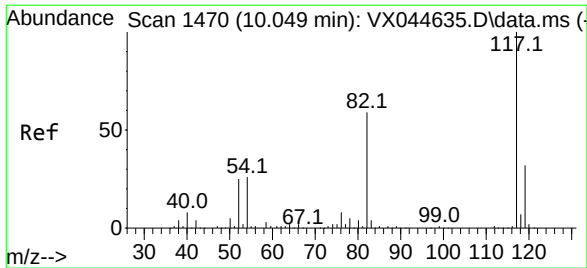


#56
Bromoform
Concen: 124.310 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18



Tgt Ion:173 Resp: 162180
Ion Ratio Lower Upper
173 100
175 47.6 39.1 58.7
254 8.5 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: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

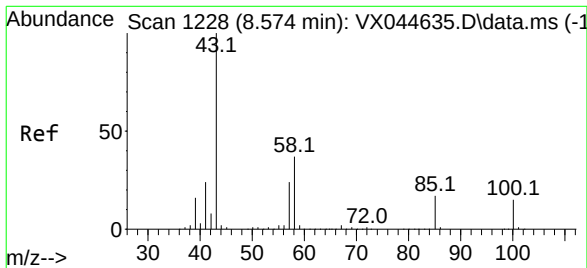
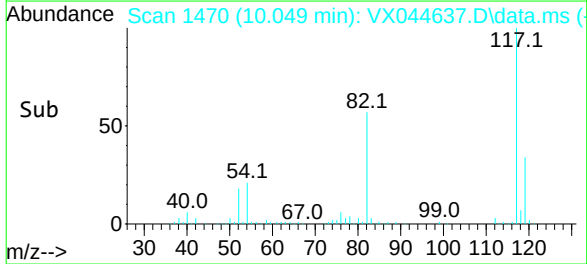
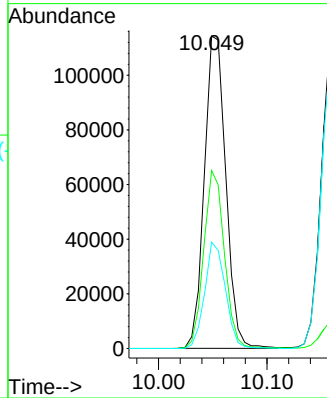
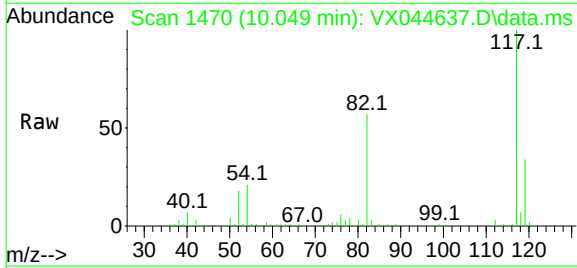
Tgt Ion:	117	Resp:	157497
Ion	Ratio	Lower	Upper
117	100		
82	54.7	46.2	69.4
119	32.8	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#58

4-Methyl-2-Pentanone

Concen: 429.304 ug/l

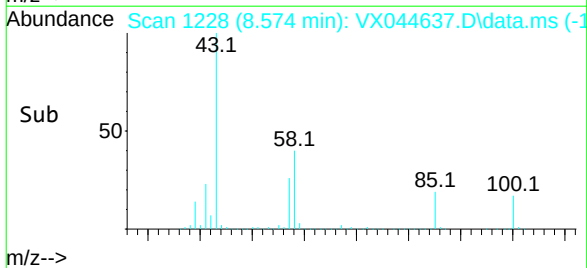
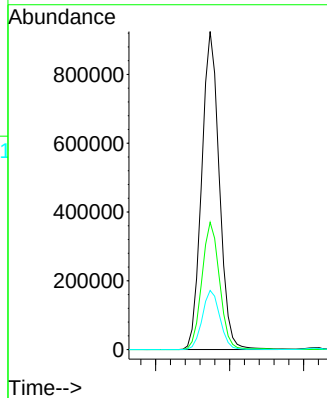
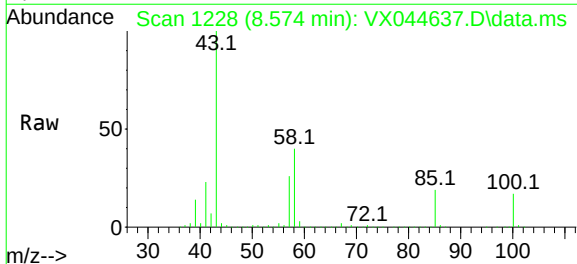
RT: 8.574 min Scan# 1228

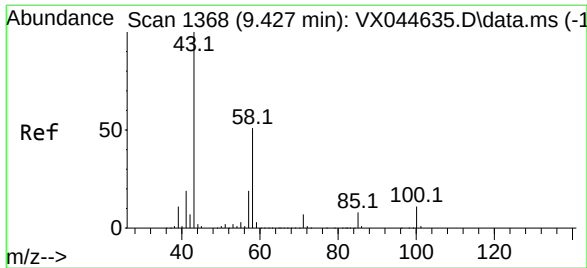
Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

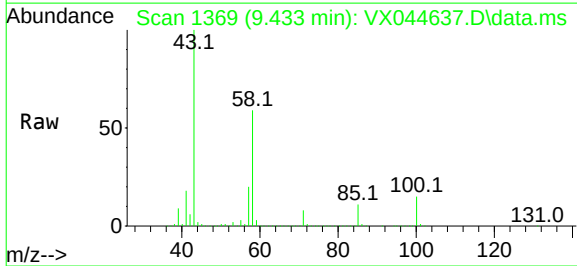
Tgt Ion:	43	Resp:	1529267
Ion	Ratio	Lower	Upper
43	100		
58	40.1	29.4	44.0
85	18.5	13.4	20.2





#59
2-Hexanone
Concen: 340.244 ug/l
RT: 9.433 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

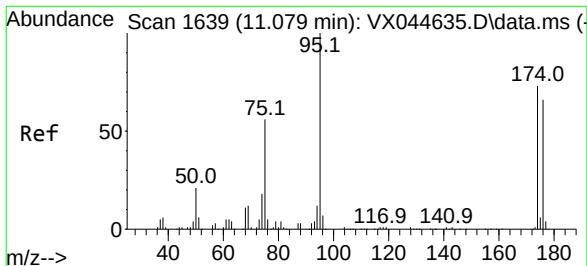
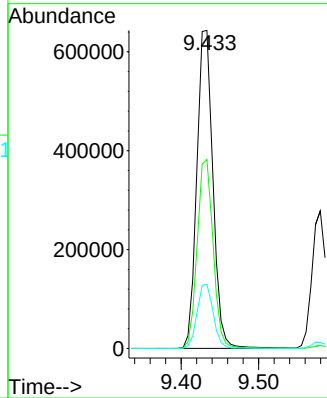
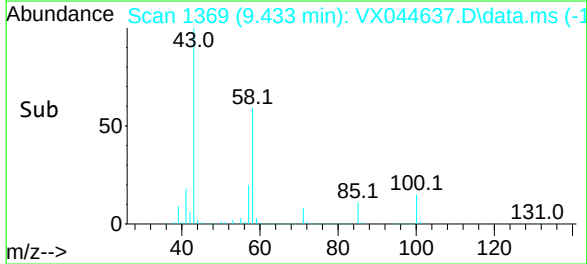
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 930126
Ion Ratio Lower Upper
43 100
58 58.8 40.8 61.2
57 20.1 15.2 22.8

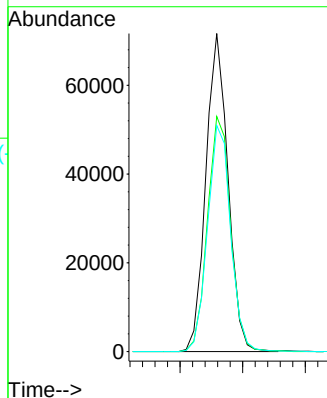
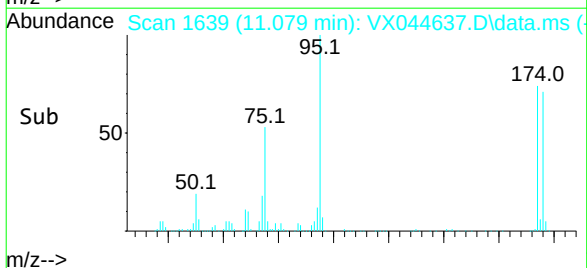
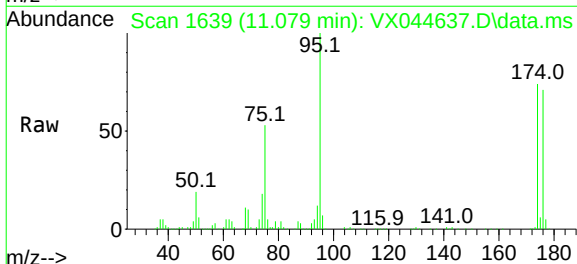
Manual Integrations
APPROVED

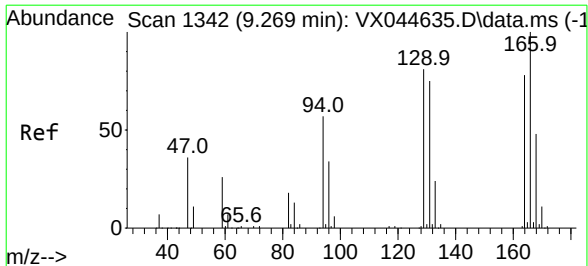
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#60
4-Bromofluorobenzene
Concen: 31.902 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

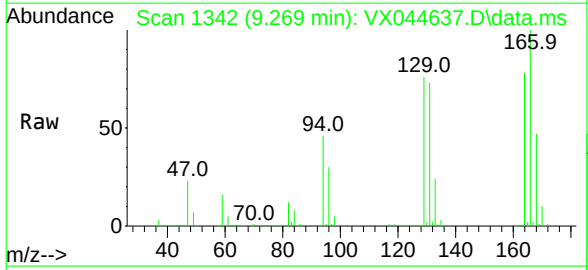
Tgt Ion: 95 Resp: 87948
Ion Ratio Lower Upper
95 100
174 76.9 58.6 88.0
176 74.2 55.2 82.8





#61
Tetrachloroethene
Concen: 112.734 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

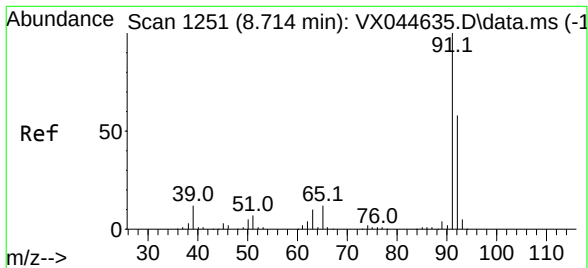
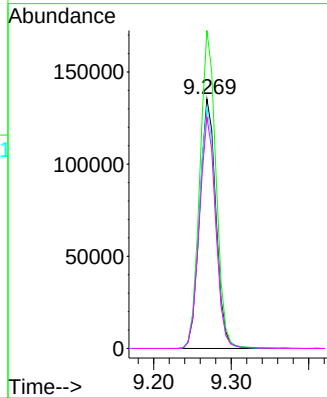
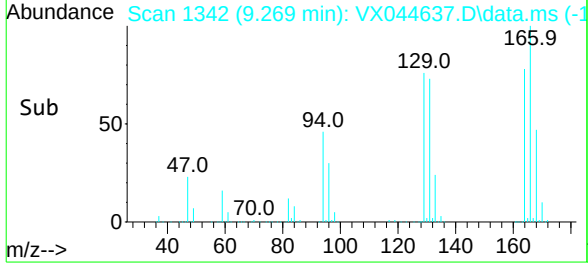
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:164 Resp: 197707
Ion Ratio Lower Upper
164 100
166 127.4 102.7 154.1
129 96.5 83.6 125.4
131 92.7 77.4 116.0

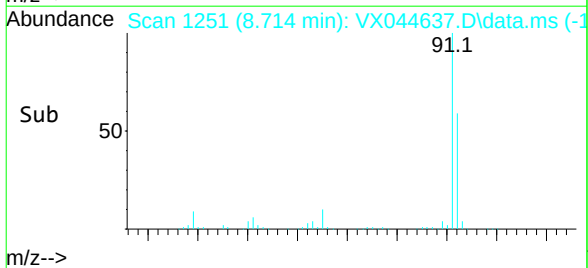
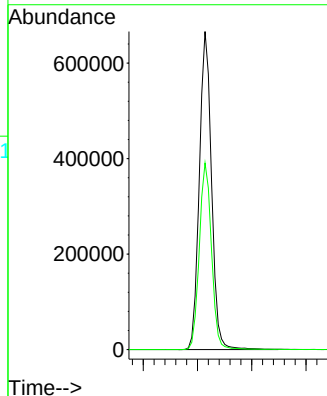
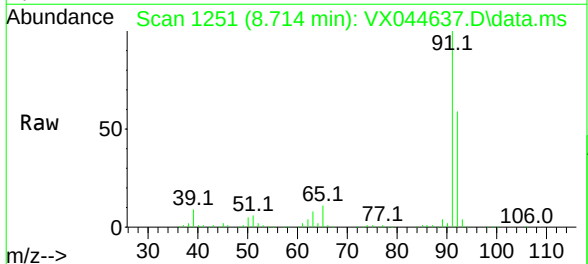
Manual Integrations
APPROVED

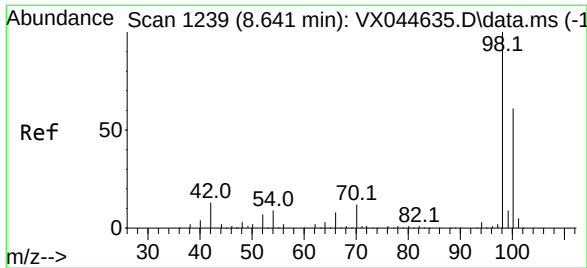
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#62
Toluene
Concen: 111.759 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Tgt Ion: 91 Resp: 1038172
Ion Ratio Lower Upper
91 100
92 58.7 46.4 69.6





#63

Toluene-d8

Concen: 33.862 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 98 Resp: 255591

Ion Ratio Lower Upper

98 100

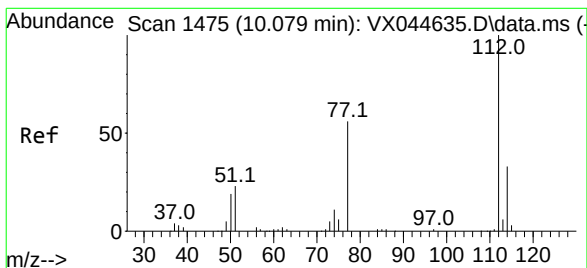
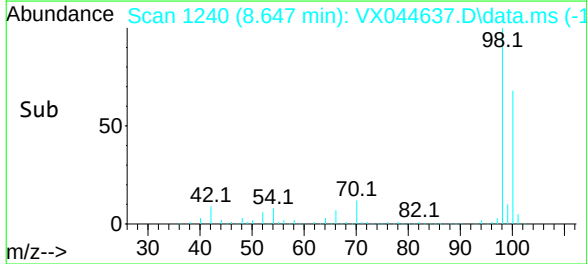
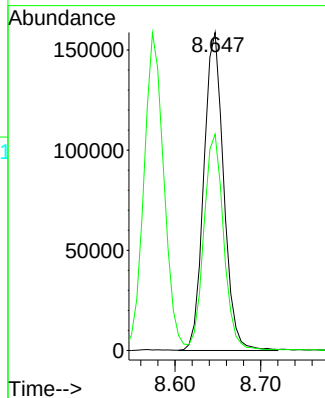
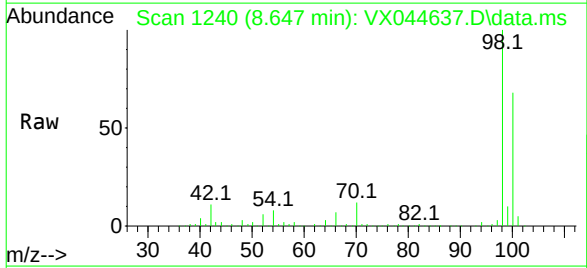
100 67.6 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#64

Chlorobenzene

Concen: 114.428 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VX044637.D

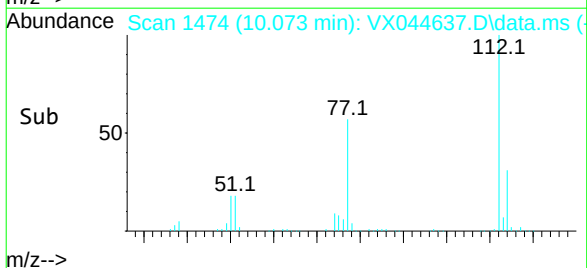
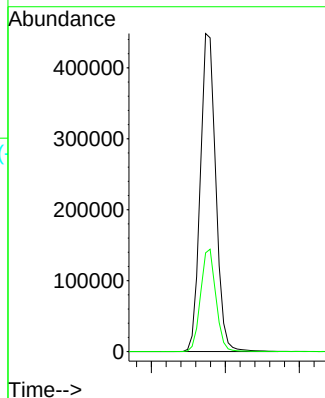
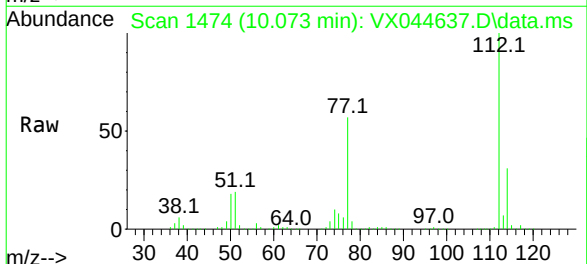
Acq: 09 Jan 2025 01:18

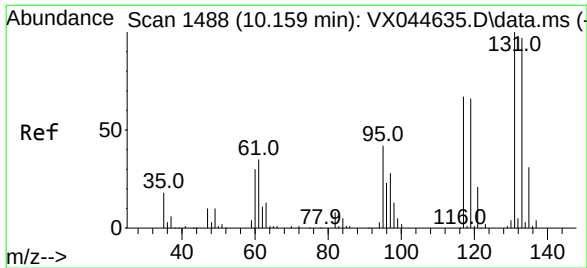
Tgt Ion:112 Resp: 650731

Ion Ratio Lower Upper

112 100

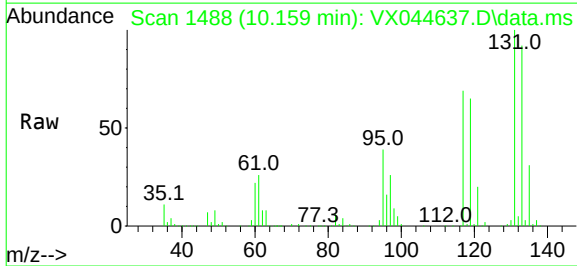
114 31.0 26.4 39.6





#65
1,1,1,2-Tetrachloroethane
Concen: 117.634 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

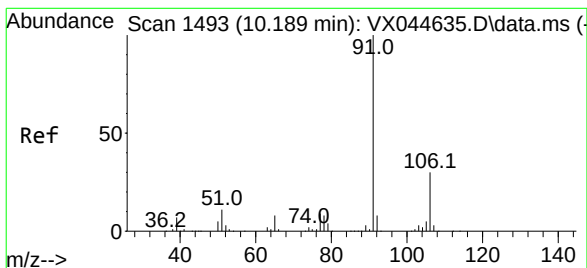
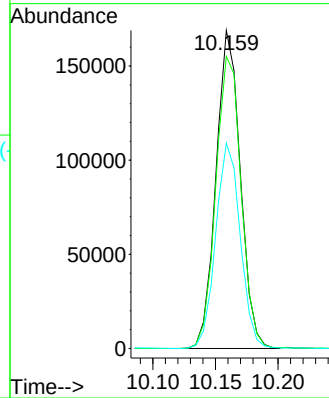
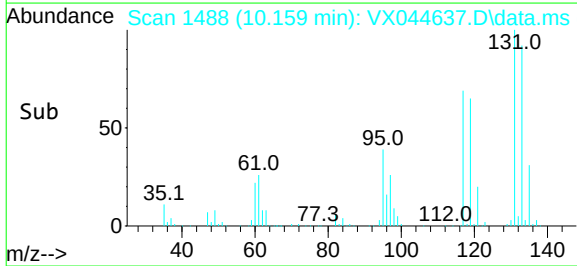
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



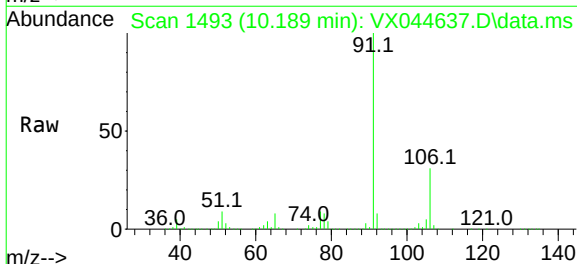
Tgt Ion:131 Resp: 227678
Ion Ratio Lower Upper
131 100
133 95.5 0.0 194.0
119 65.4 0.0 132.0

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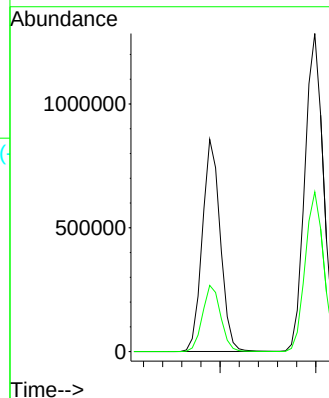
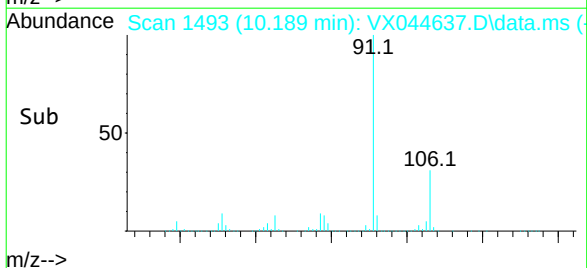
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

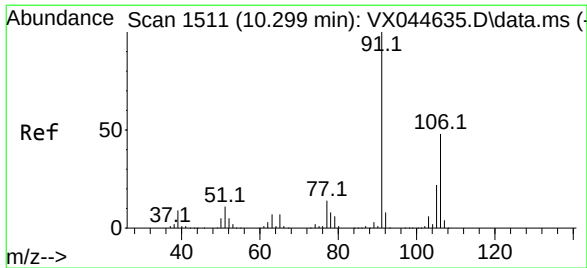


#66
Ethyl Benzene
Concen: 111.331 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18



Tgt Ion: 91 Resp: 1119270
Ion Ratio Lower Upper
91 100
106 31.2 24.1 36.1





#67

m/p-Xylenes

Concen: 230.803 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:106 Resp: 868846

Ion Ratio Lower Upper

106 100

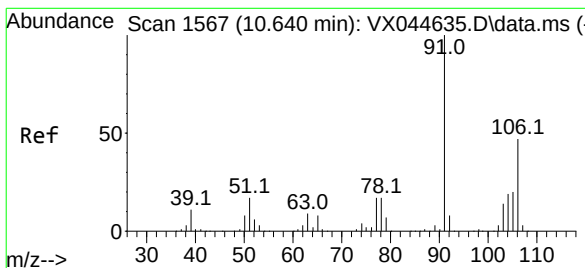
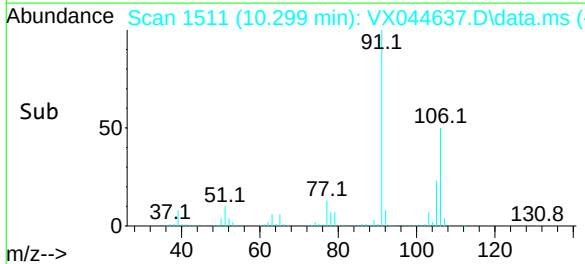
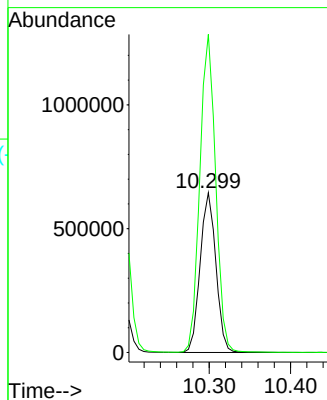
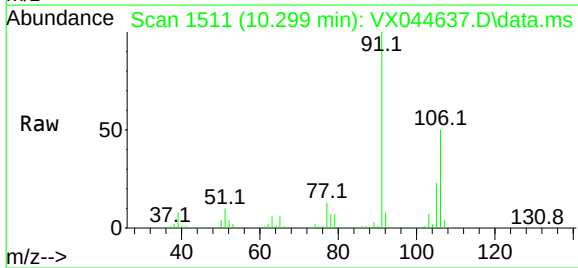
91 199.1 167.9 251.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#68

o-Xylene

Concen: 110.268 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044637.D

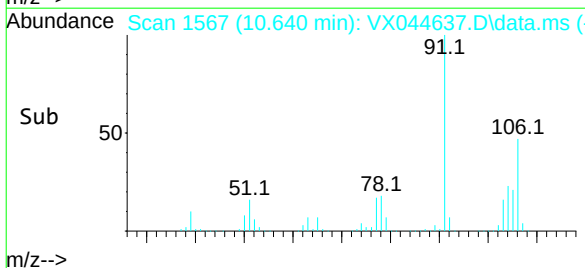
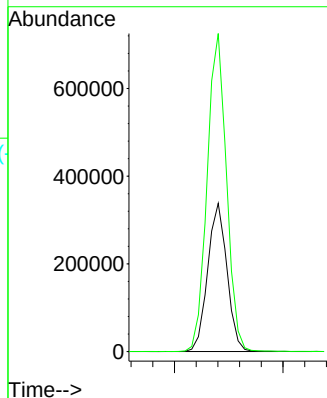
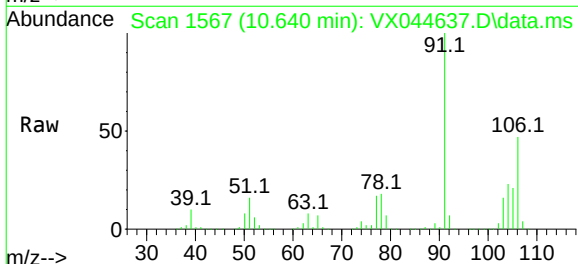
Acq: 09 Jan 2025 01:18

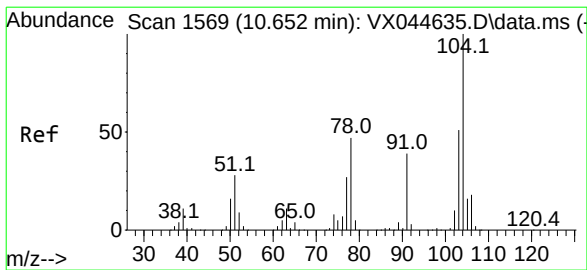
Tgt Ion:106 Resp: 417482

Ion Ratio Lower Upper

106 100

91 215.1 112.3 336.9





#69

Styrene

Concen: 111.073 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

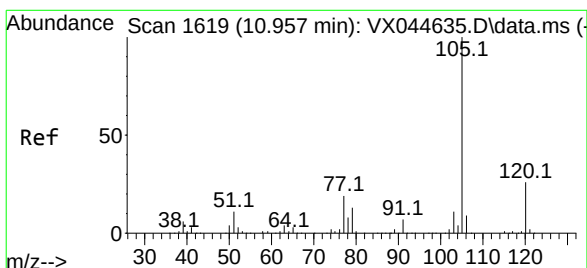
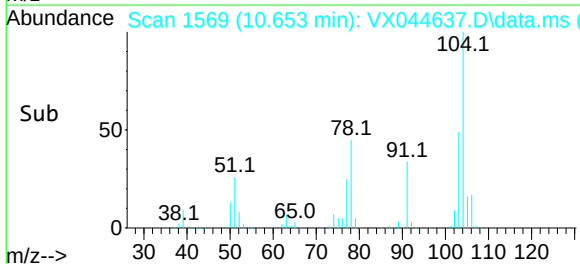
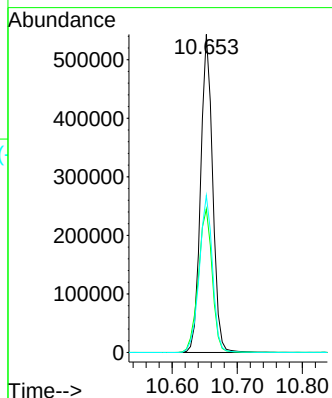
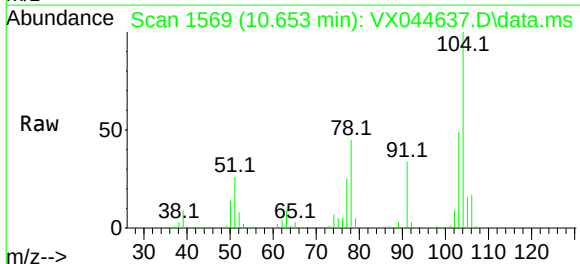
ClientSampleId :

VSTDICC100

Tgt Ion:104 Resp: 697794
 Ion Ratio Lower Upper
 104 100
 78 51.9 43.7 65.5
 103 54.0 43.7 65.5

Manual Integrations
 APPROVED

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



#70

Isopropylbenzene

Concen: 111.320 ug/l

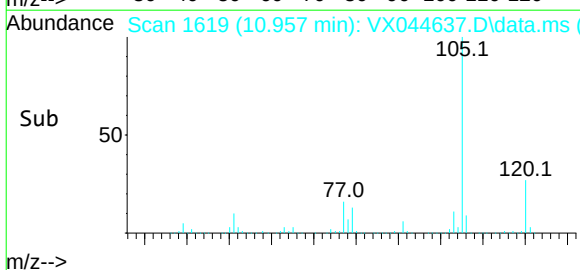
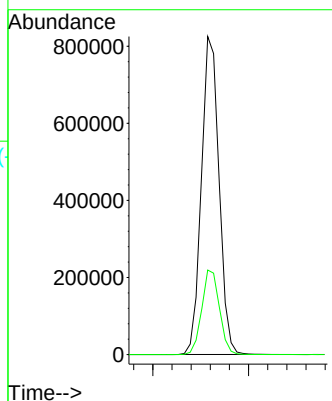
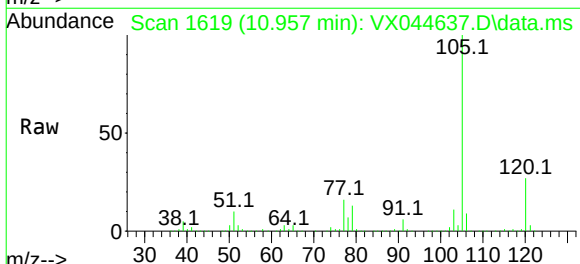
RT: 10.957 min Scan# 1619

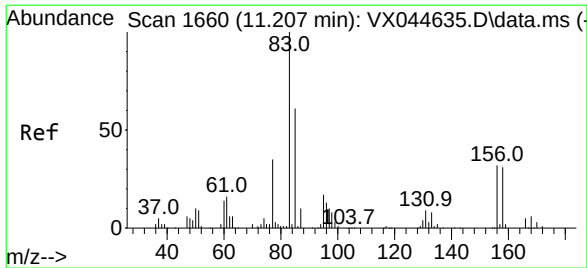
Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Tgt Ion:105 Resp: 1054627
 Ion Ratio Lower Upper
 105 100
 120 26.7 17.5 32.5





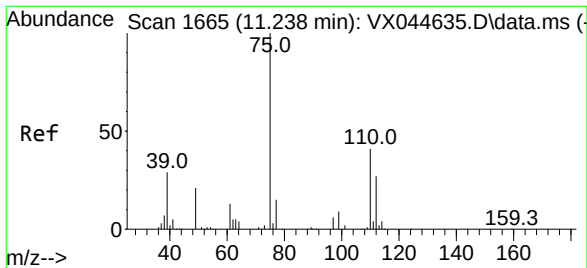
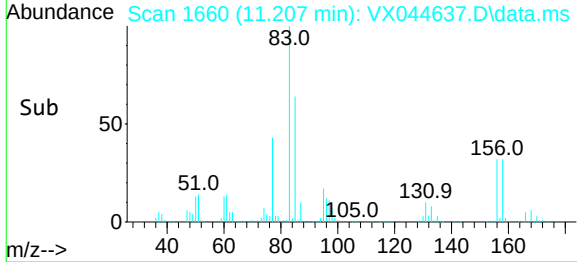
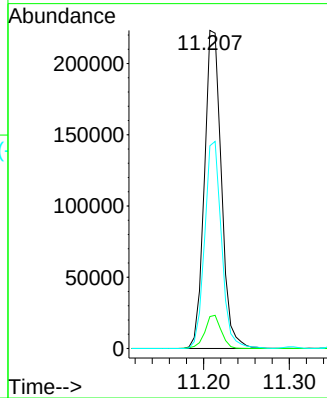
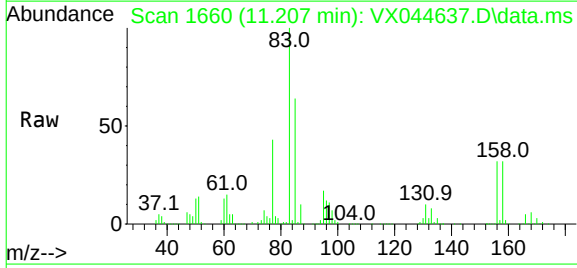
#71
1,1,2,2-Tetrachloroethane
Concen: 90.271 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 307759
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 64.4 32.0 96.0

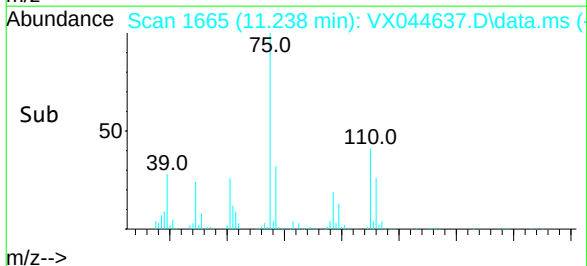
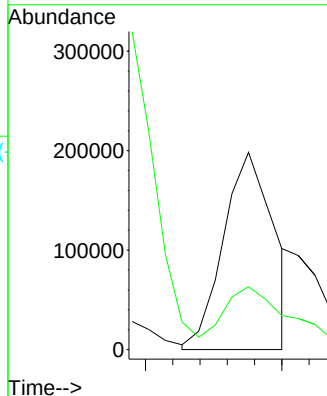
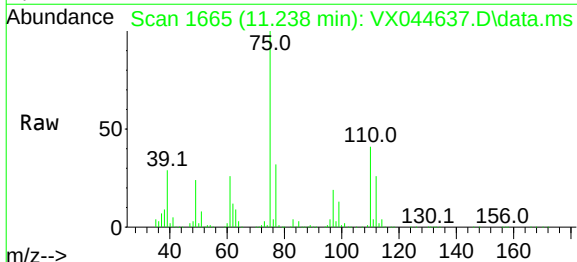
Manual Integrations
APPROVED

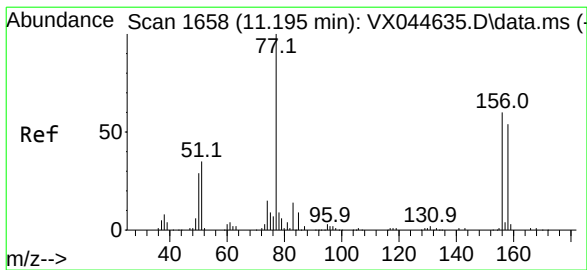
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#72
1,2,3-Trichloropropane
Concen: 85.098 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

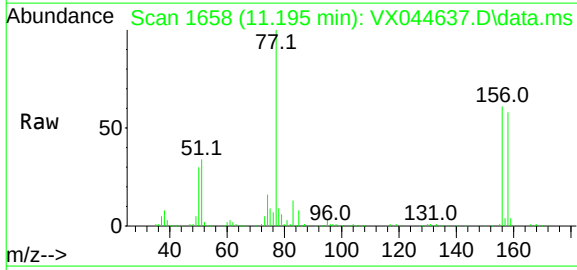
Tgt Ion: 75 Resp: 253947
Ion Ratio Lower Upper
75 100
77 43.1 0.0 78.0





#73
Bromobenzene
Concen: 106.398 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

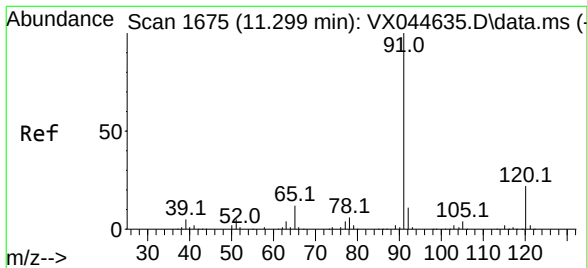
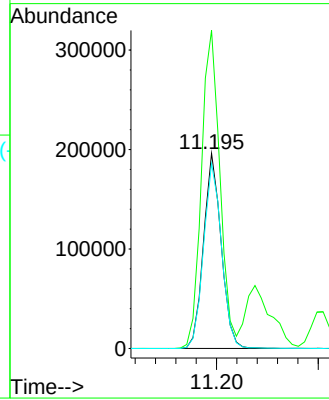
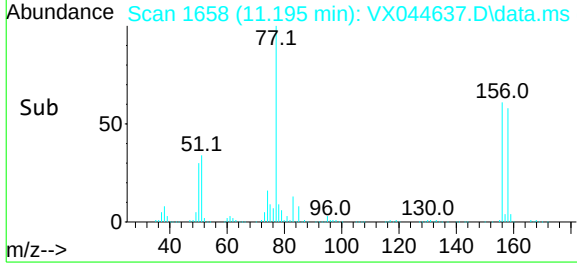
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



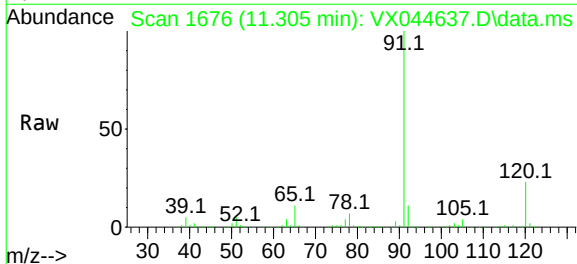
Tgt Ion:156 Resp: 235523
Ion Ratio Lower Upper
156 100
77 171.2 0.0 332.6
158 97.1 0.0 187.6

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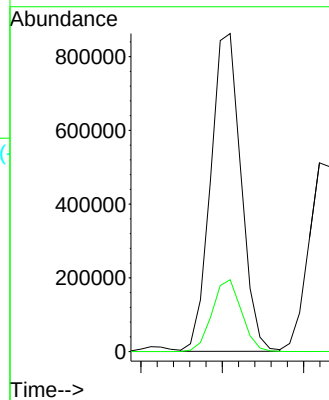
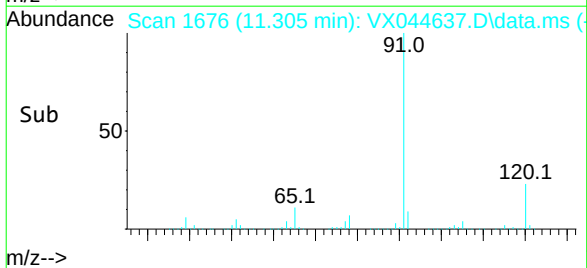
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

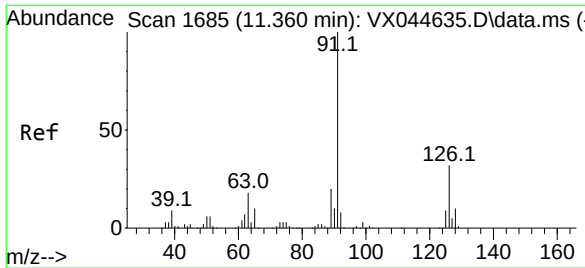


#74
n-propylbenzene
Concen: 100.737 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18



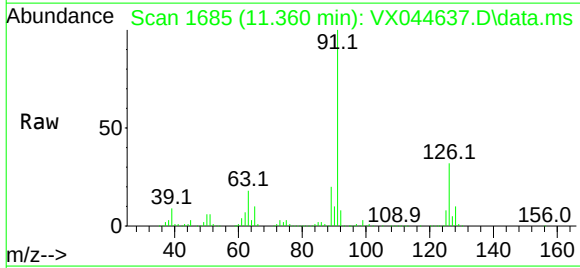
Tgt Ion: 91 Resp: 1117515
Ion Ratio Lower Upper
91 100
120 21.9 0.0 45.0





#75
2-Chlorotoluene
Concen: 97.956 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

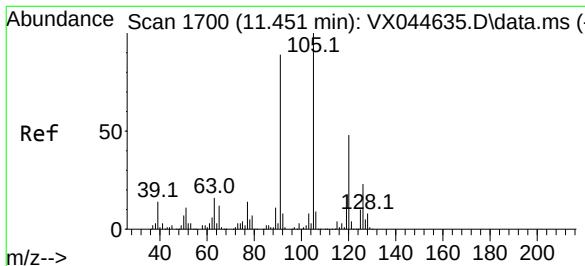
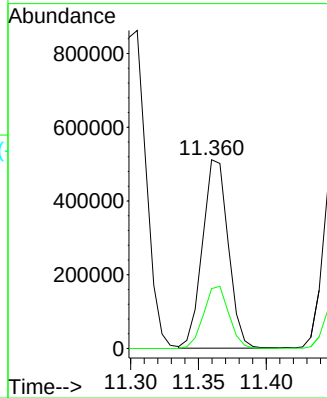
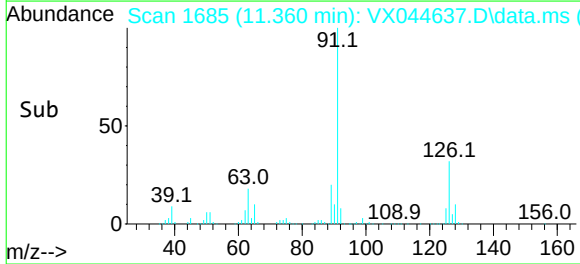
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



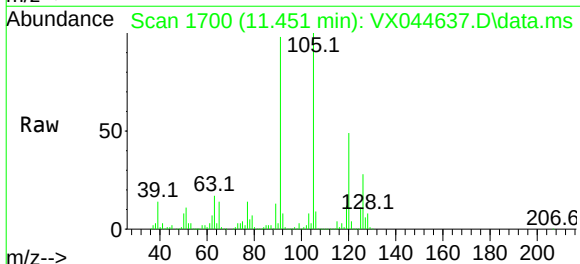
Tgt Ion: 91 Resp: 677569
Ion Ratio Lower Upper
91 100
126 32.5 0.0 64.4

Manual Integrations
APPROVED

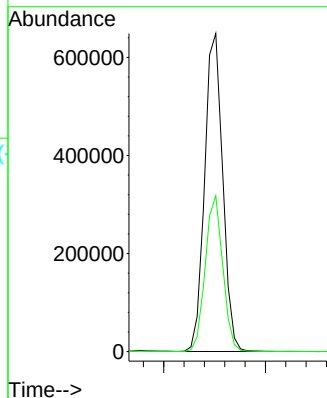
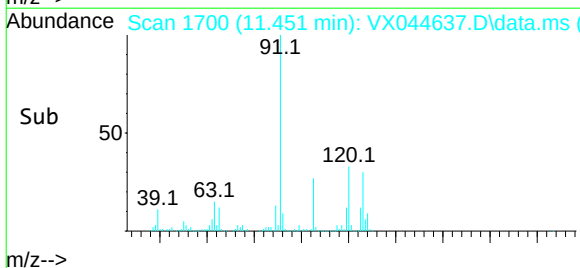
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

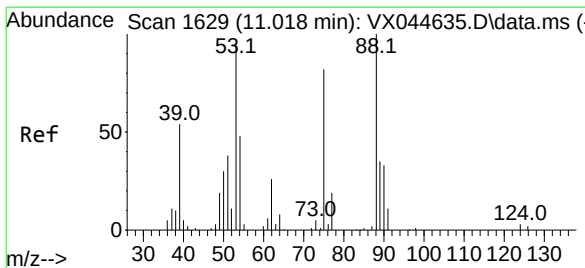


#76
1,3,5-Trimethylbenzene
Concen: 102.751 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18



Tgt Ion:105 Resp: 800530
Ion Ratio Lower Upper
105 100
120 47.5 0.0 94.0





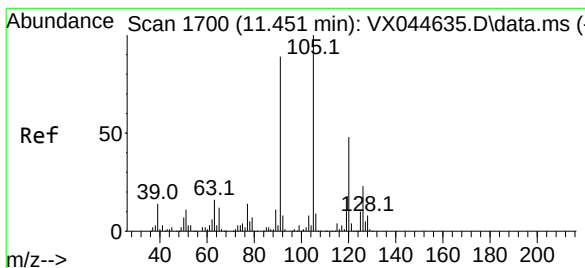
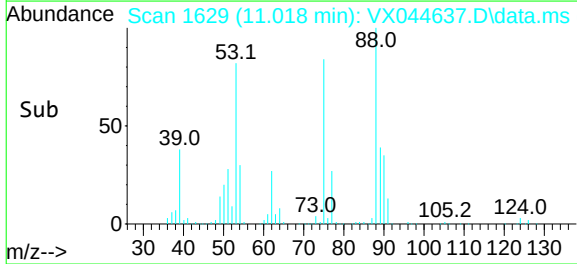
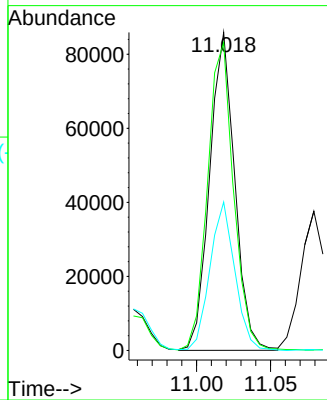
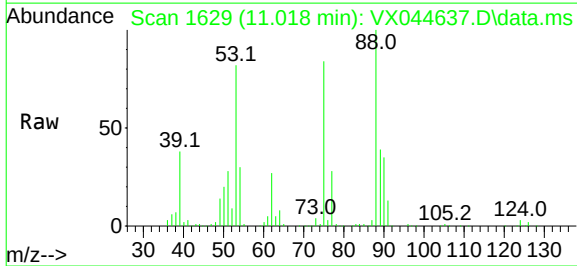
#77
t-1,4-Dichloro-2-butene
Concen: 79.893 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 101445
Ion Ratio Lower Upper
75 100
53 96.9 57.4 172.2
89 46.6 21.3 64.0

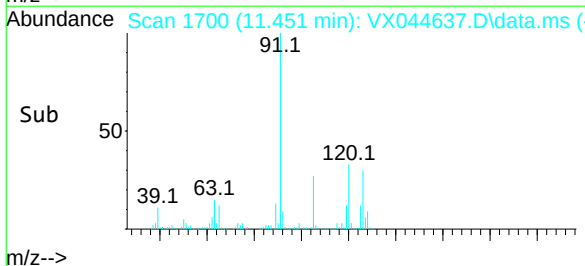
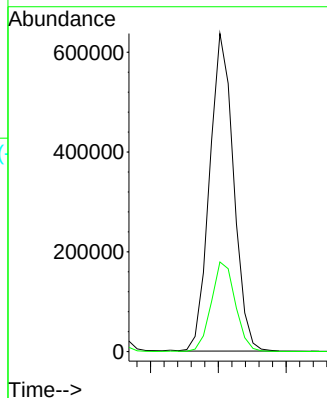
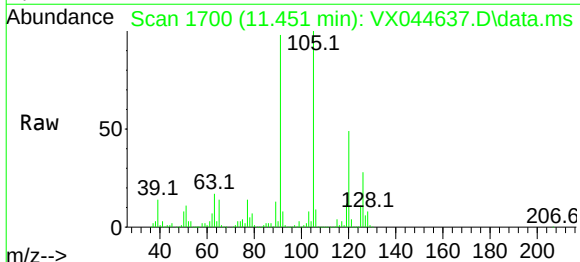
Manual Integrations
APPROVED

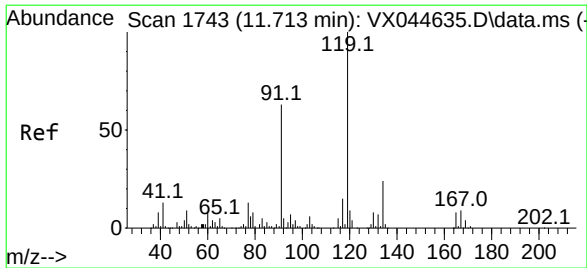
Reviewed By :John Carlone 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025



#78
4-Chlorotoluene
Concen: 103.737 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044637.D
Acq: 09 Jan 2025 01:18

Tgt Ion: 91 Resp: 782599
Ion Ratio Lower Upper
91 100
126 28.4 0.0 54.8





#79

tert-butylbenzene

Concen: 101.951 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:119 Resp: 800658

Ion Ratio Lower Upper

119 100

91 61.5 0.0 124.2

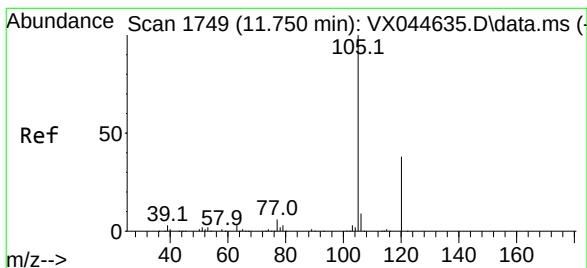
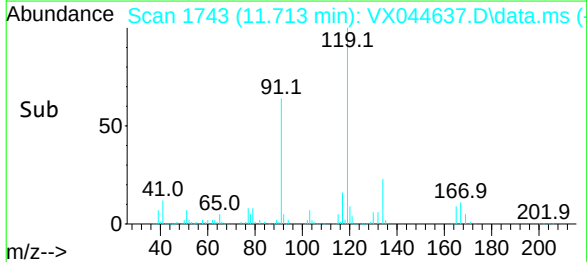
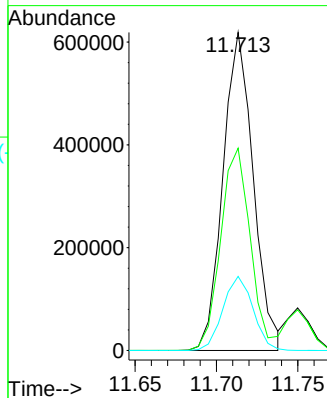
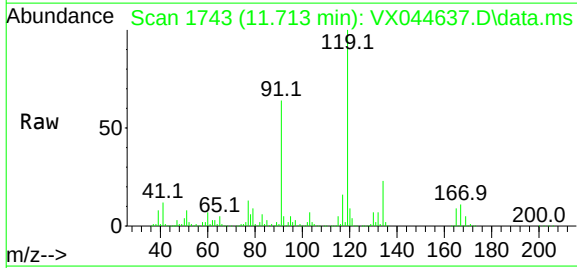
134 23.2 0.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#80

1,2,4-Trimethylbenzene

Concen: 102.022 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044637.D

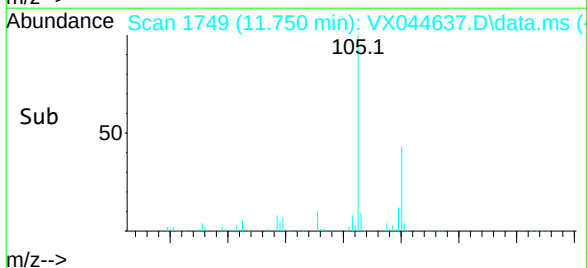
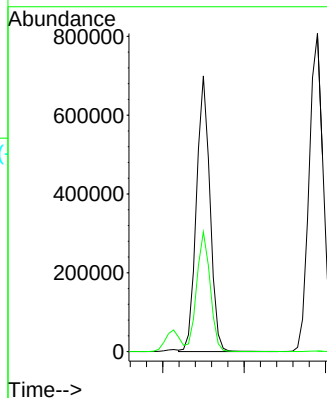
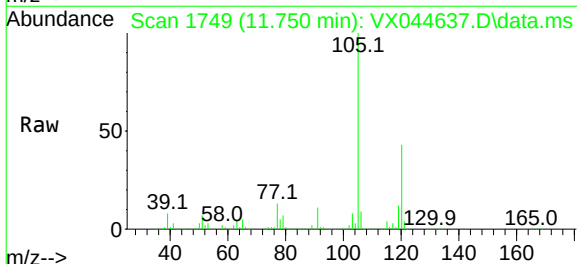
Acq: 09 Jan 2025 01:18

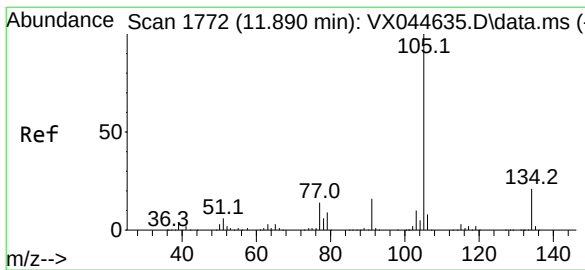
Tgt Ion:105 Resp: 807058

Ion Ratio Lower Upper

105 100

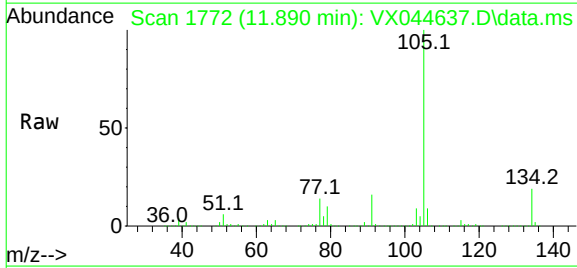
120 43.2 0.0 87.2





#81
 sec-Butylbenzene
 Concen: 98.833 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044637.D
 Acq: 09 Jan 2025 01:18

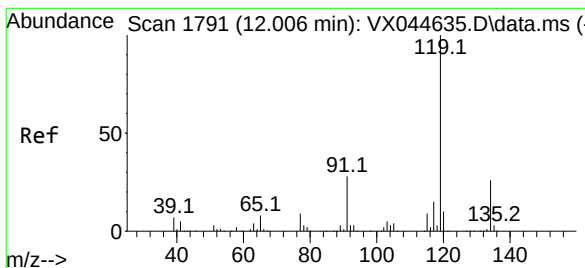
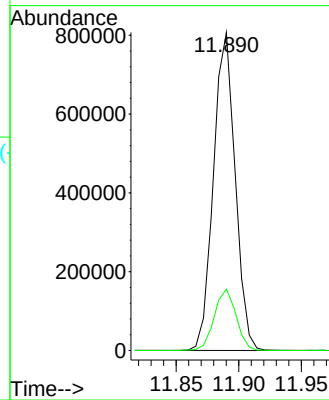
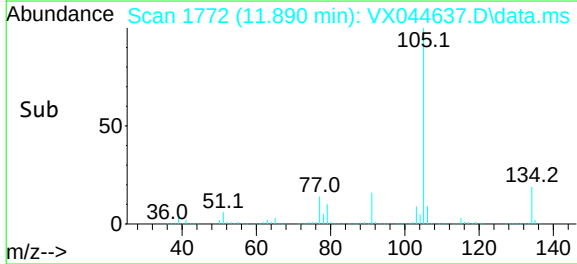
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100



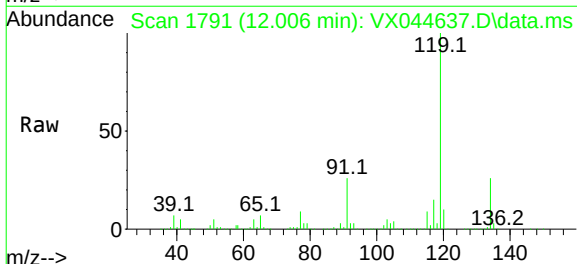
Tgt Ion:105 Resp: 973074
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.8

Manual Integrations
 APPROVED

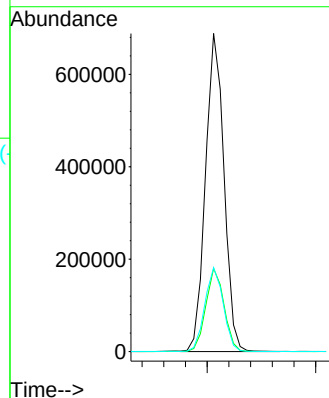
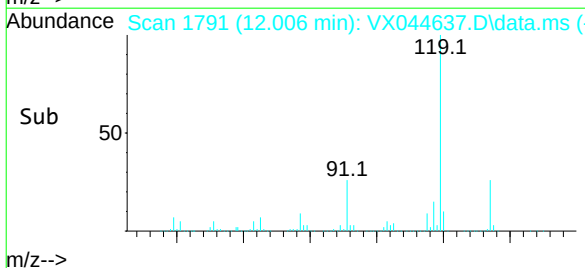
Reviewed By :John Carlone 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025

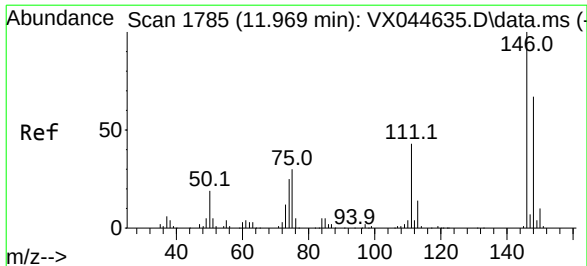


#82
 p-Isopropyltoluene
 Concen: 102.214 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044637.D
 Acq: 09 Jan 2025 01:18



Tgt Ion:119 Resp: 815667
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 53.8
 91 26.3 0.0 55.2





#83

1,3-Dichlorobenzene

Concen: 102.971 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 413446

Ion Ratio Lower Upper

146 100

111 43.0 21.7 65.1

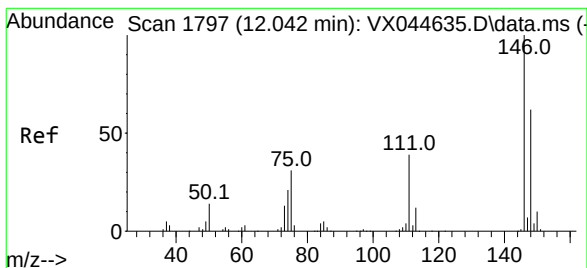
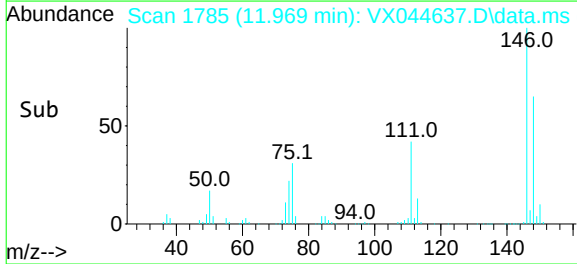
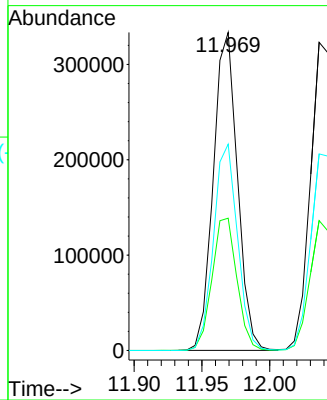
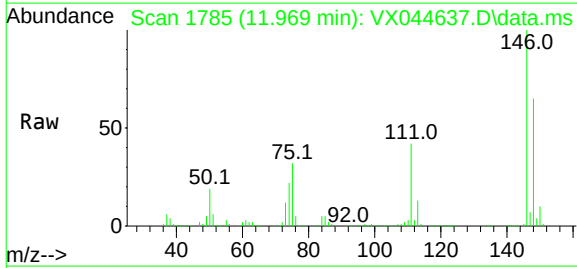
148 64.3 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#84

1,4-Dichlorobenzene

Concen: 103.420 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

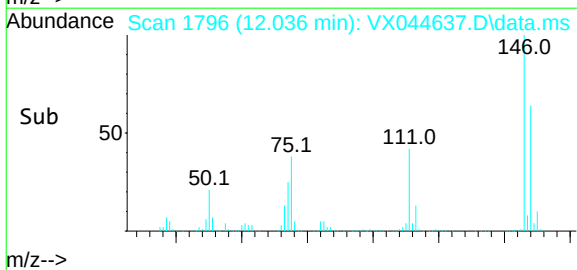
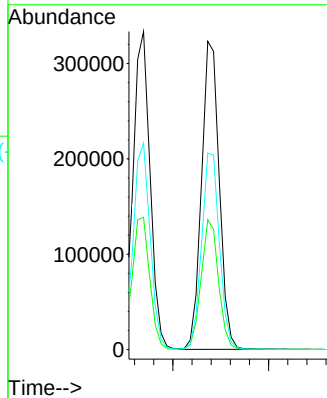
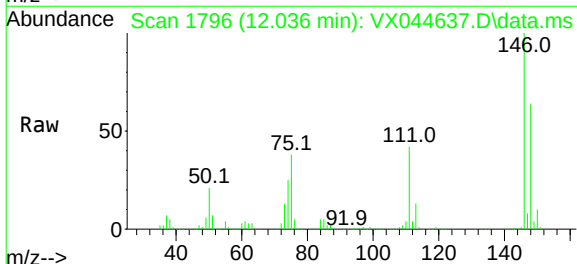
Tgt Ion:146 Resp: 415373

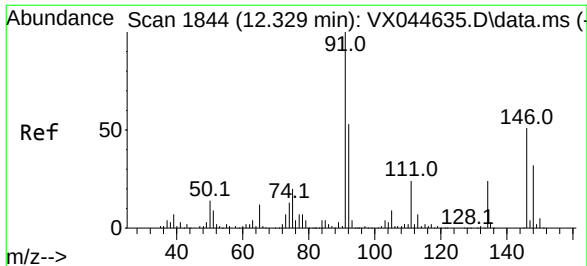
Ion Ratio Lower Upper

146 100

111 41.3 21.1 63.1

148 63.8 32.6 98.0





#85

n-Butylbenzene

Concen: 103.188 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044637.D

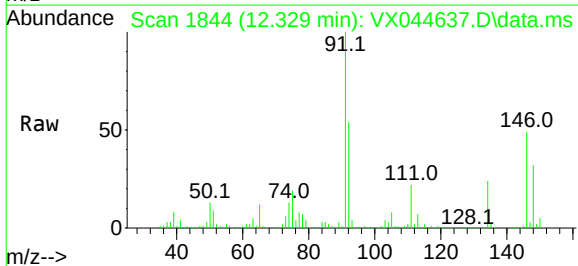
Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

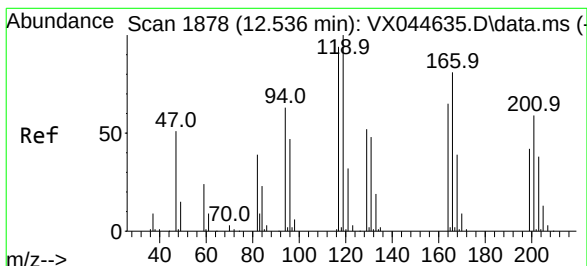
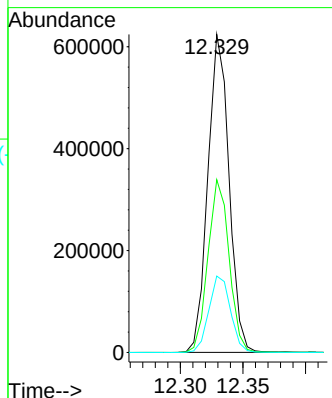
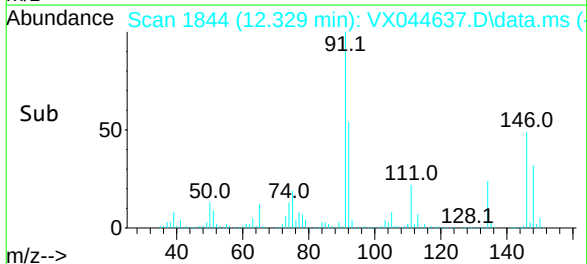
VSTDICC100



Tgt Ion:	91	Resp:	733192
Ion	Ratio	Lower	Upper
91	100		
92	54.3	0.0	105.0
134	24.7	0.0	50.0

Manual Integrations
APPROVED

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



#86

Hexachloroethane

Concen: 89.850 ug/l

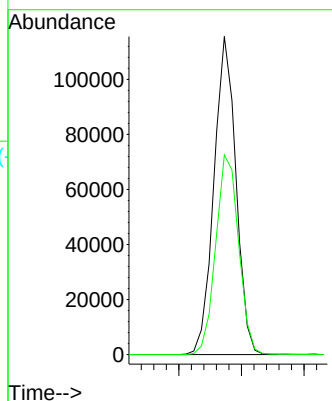
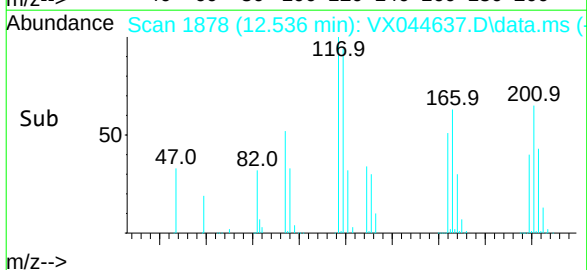
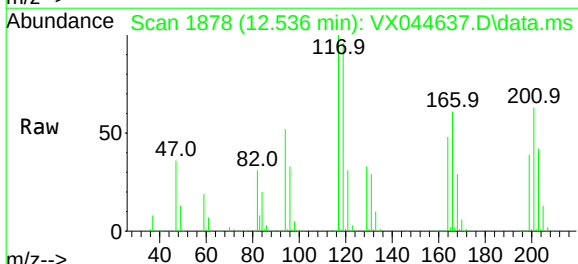
RT: 12.536 min Scan# 1878

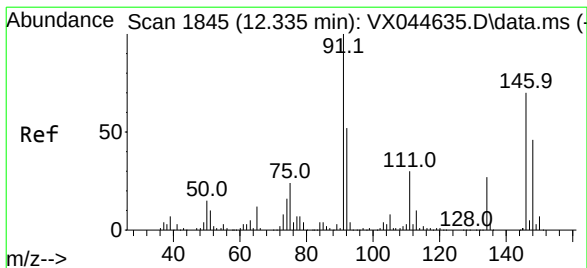
Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Tgt Ion:	117	Resp:	141187
Ion	Ratio	Lower	Upper
117	100		
201	65.4	32.8	98.4





#87

1,2-Dichlorobenzene

Concen: 102.421 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044637.D

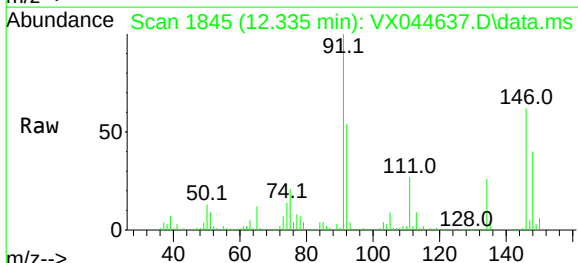
Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



Tgt Ion:146 Resp: 414445

Ion Ratio Lower Upper

146 100

111 44.7 21.9 65.7

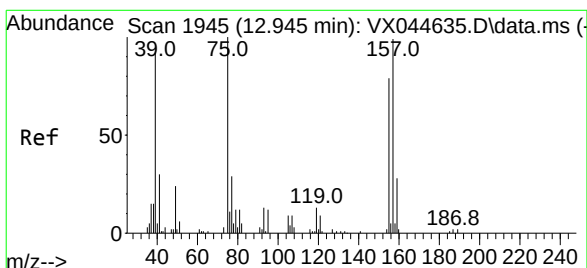
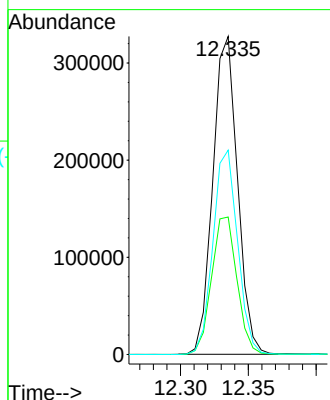
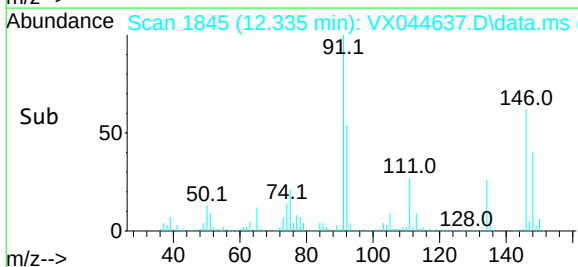
148 64.3 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 86.882 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

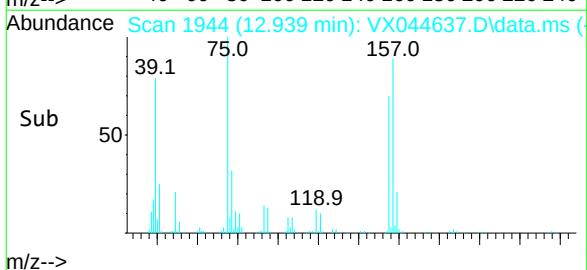
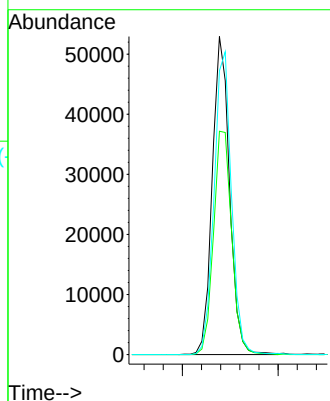
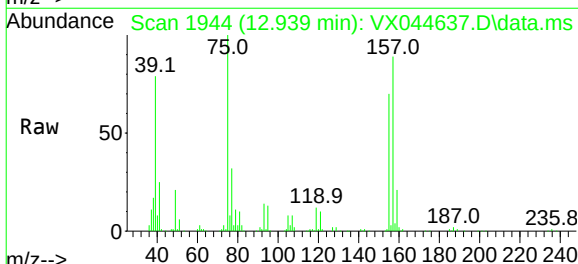
Tgt Ion: 75 Resp: 66242

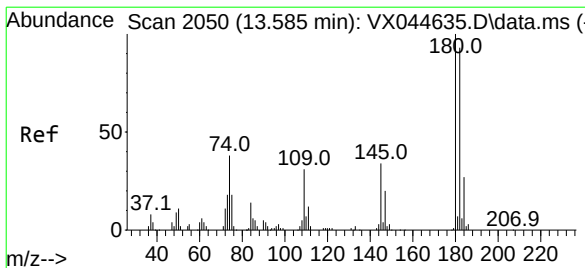
Ion Ratio Lower Upper

75 100

155 74.0 60.6 90.8

157 96.1 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 109.941 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

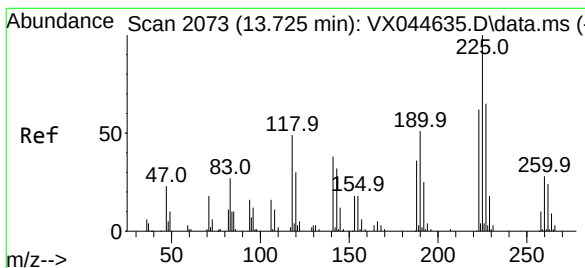
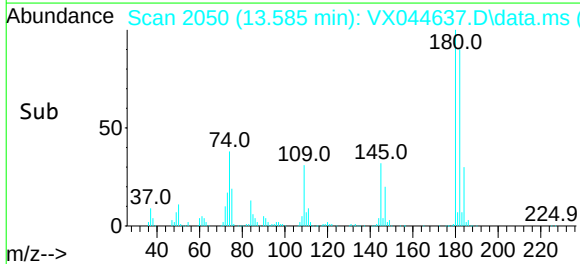
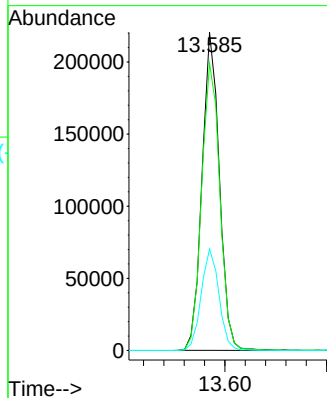
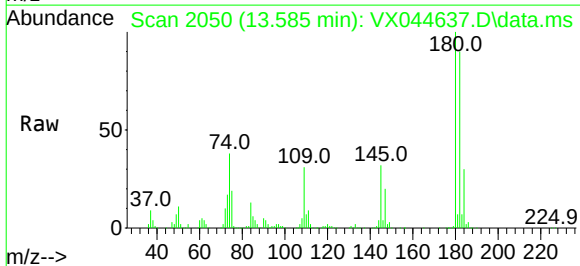
Tgt Ion:	180	Resp:	260672
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.9	113.9
145	32.4	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#90

Hexachlorobutadiene

Concen: 111.174 ug/l

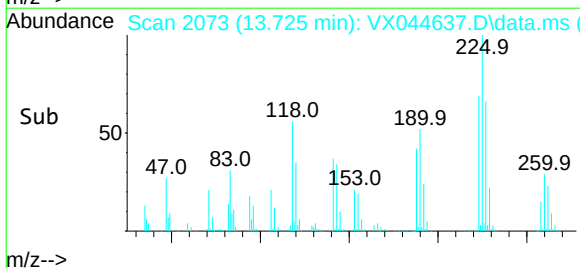
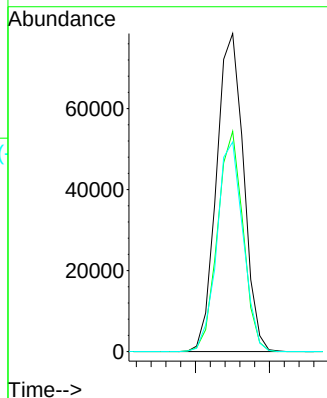
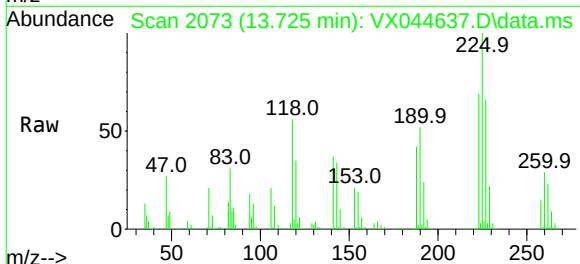
RT: 13.725 min Scan# 2073

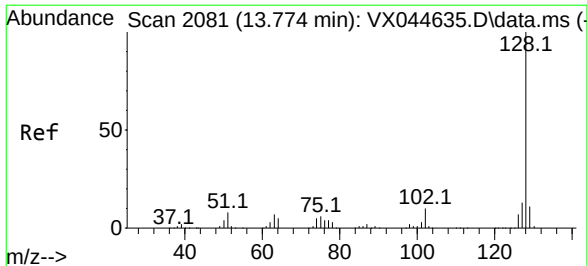
Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Tgt Ion:	225	Resp:	100190
Ion Ratio	Lower	Upper	
225	100		
223	64.8	0.0	124.0
227	63.4	0.0	134.6





#91

Naphthalene

Concen: 98.252 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

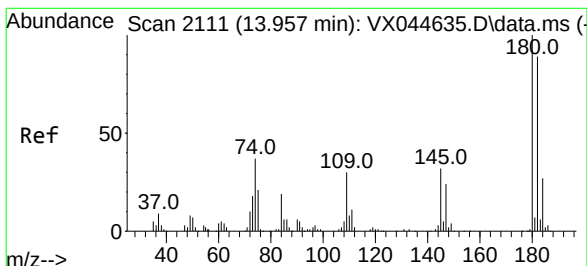
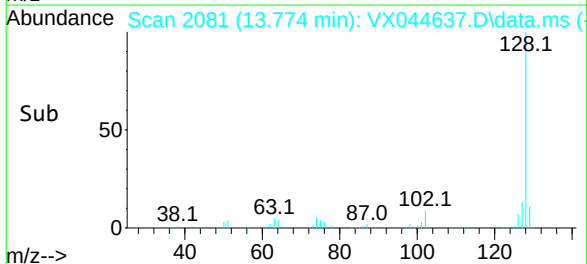
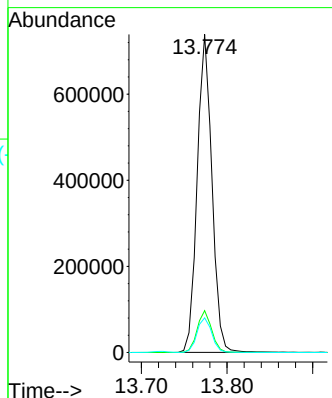
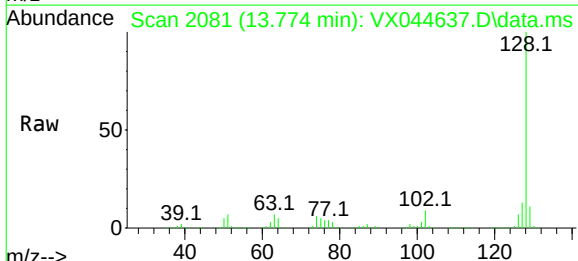
Tgt Ion:	128	Resp:	881303
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2025

Supervised By :Semsettin Yesilyurt 01/09/2025



#92

1,2,3-Trichlorobenzene

Concen: 108.197 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044637.D

Acq: 09 Jan 2025 01:18

Tgt Ion:	180	Resp:	263015
Ion	Ratio	Lower	Upper
180	100		
182	94.2	0.0	191.2
145	34.6	0.0	67.0

