

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045681.D
 Acq On : 09 Apr 2025 17:16
 Operator : JC/MD
 Sample : Q1762-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW4

Quant Time: Apr 10 01:36:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	73129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135470	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58214	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	66936	50.052	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.100%	
35) Dibromofluoromethane	5.385	113	48939	50.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.840%	
50) Toluene-d8	8.647	98	175427	52.291	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.580%	
62) 4-Bromofluorobenzene	11.079	95	70156	57.411	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 114.820%	

Target Compounds

						Qvalue
6) Chloroethane	1.642	64	948	1.738	ug/l #	42
11) Tert butyl alcohol	2.934	59	75	0.417	ug/l #	72
13) Acrolein	2.209	56	579	2.339	ug/l #	1
14) Allyl chloride	2.770	41	42126	25.290	ug/l #	21
15) Acrylonitrile	3.093	53	16206	28.565	ug/l #	40
16) Acetone	2.380	43	5690	10.361	ug/l	98
17) Carbon Disulfide	2.502	76	489	0.226	ug/l #	64
18) Methyl Acetate	2.819	43	665893	526.671	ug/l #	54
20) Methylene Chloride	2.776	84	1188	1.156	ug/l #	1
23) Vinyl Acetate	3.721	43	2264	0.799	ug/l #	74
24) 1,1-Dichloroethane	3.727	63	770	0.415	ug/l #	83
25) 2-Butanone	4.440	43	5249	6.530	ug/l #	52
26) 2,2-Dichloropropane	4.300	77	2408	2.008	ug/l #	55
29) Tetrahydrofuran	4.952	42	489	0.938	ug/l #	35
30) Chloroform	5.153	83	20052	10.502	ug/l #	26
31) Cyclohexane	5.464	56	157999	96.311	ug/l #	95
36) 1,1-Dichloropropene	5.550	75	7157	5.515	ug/l #	50
37) Ethyl Acetate	4.782	43	1308	0.800	ug/l #	1
38) Carbon Tetrachloride	5.544	117	8583	6.120	ug/l #	16
39) Methylcyclohexane	7.379	83	683265	429.512	ug/l	97
40) Benzene	6.044	78	6348	1.602	ug/l	96
41) Methacrylonitrile	4.940	41	6267	7.263	ug/l #	48
42) 1,2-Dichloroethane	6.153	62	1188	0.726	ug/l #	1
43) Isopropyl Acetate	6.354	43	18915	7.631	ug/l #	67
45) 1,2-Dichloropropane	7.373	63	9064	9.166	ug/l #	1
46) Dibromomethane	7.555	93	849	1.118	ug/l #	1
47) Bromodichloromethane	7.763	83	4835	3.189	ug/l #	79
48) Methyl methacrylate	7.653	41	63695	49.769	ug/l #	61
51) 4-Methyl-2-Pentanone	8.598	43	11787	7.173	ug/l #	45
52) Toluene	8.714	92	2340	0.976	ug/l #	68
53) t-1,3-Dichloropropene	8.915	75	107	2.359	ug/l #	1
55) 1,1,2-Trichloroethane	9.098	97	53363	55.837	ug/l #	17
56) Ethyl methacrylate	9.098	69	13557	9.166	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.196	63	859	1.148	ug/l #	49
59) 2-Hexanone	9.458	43	321	0.264	ug/l #	36
61) 1,2-Dibromoethane	9.598	107	280	0.289	ug/l #	1

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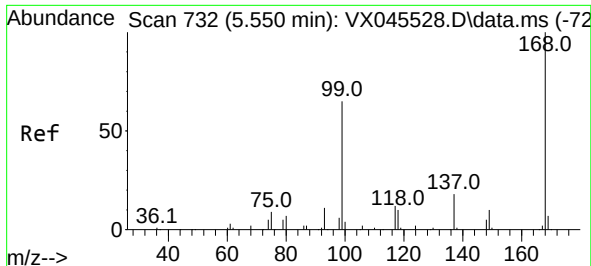
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

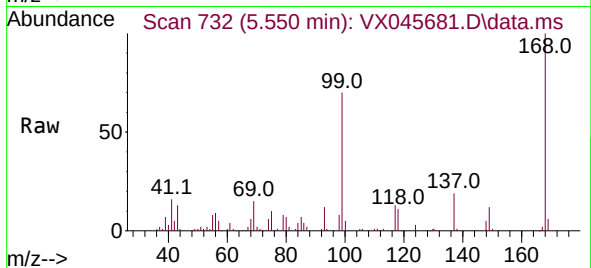
67) Ethyl Benzene	10.195	91	46826	9.760	ug/l	100
68) m/p-Xylenes	10.299	106	2692	1.543	ug/l	87
69) o-Xylene	10.640	106	887	0.516	ug/l	89
73) Isopropylbenzene	10.957	105	90832	19.479	ug/l	100
74) N-amyl acetate	10.854	43	1141	0.512	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.219	83	1446	0.883	ug/l #	35
76) 1,2,3-Trichloropropane	11.299	75	3021	2.127	ug/l #	1
78) n-propylbenzene	11.299	91	415596	77.378	ug/l	100
79) 2-Chlorotoluene	11.299	91	415596	121.036	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.610	105	22583	5.857	ug/l	74
81) trans-1,4-Dichloro-2-b...	11.079	75	37674	90.044	ug/l #	1
82) 4-Chlorotoluene	11.299	91	415596	108.558	ug/l #	48
83) tert-Butylbenzene	11.713	119	10259	2.687	ug/l	89
84) 1,2,4-Trimethylbenzene	11.610	105	22583	5.835	ug/l	78
85) sec-Butylbenzene	11.890	105	99614	21.245	ug/l	98
86) p-Isopropyltoluene	12.006	119	10835	2.803	ug/l	93
89) n-Butylbenzene	12.329	91	155654	46.435	ug/l #	80
90) Hexachloroethane	12.609	117	69969	105.322	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	12.920	75	3716	10.847	ug/l #	9
95) Naphthalene	13.774	128	11315	2.801	ug/l #	93

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

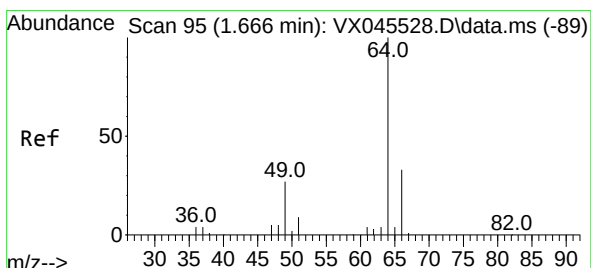
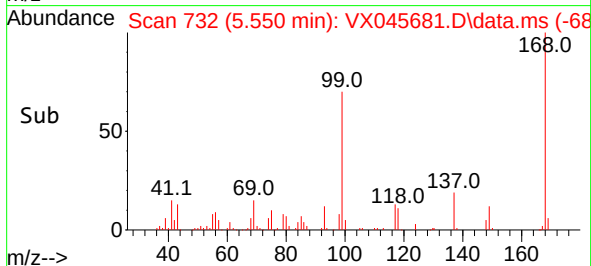
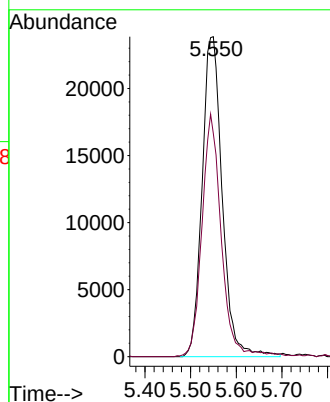


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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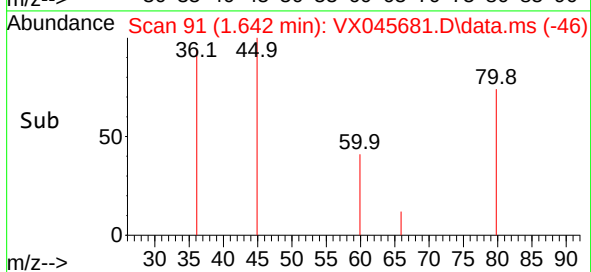
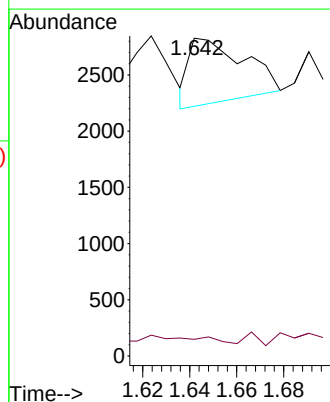
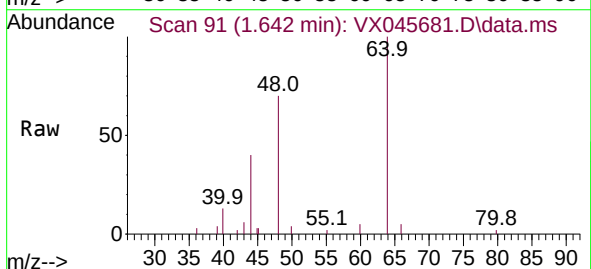


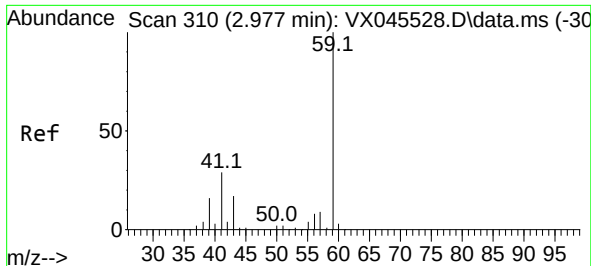
Tgt Ion:168 Resp: 73129
Ion Ratio Lower Upper
168 100
99 69.5 52.3 78.5



#6
Chloroethane
Concen: 1.738 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 64 Resp: 948
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#





#11

Tert butyl alcohol

Concen: 0.417 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.043 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

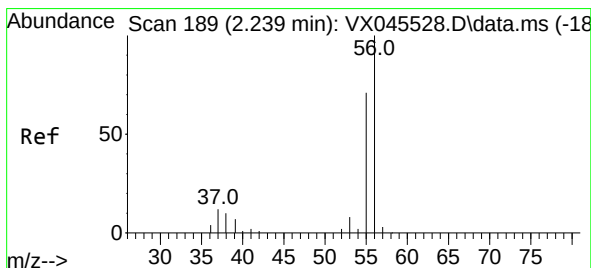
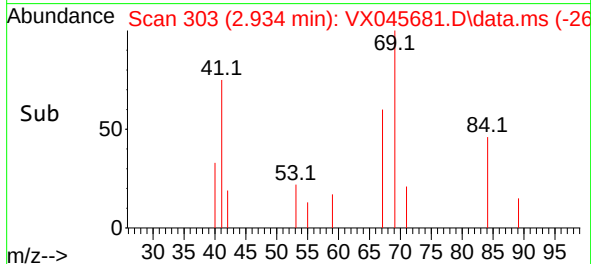
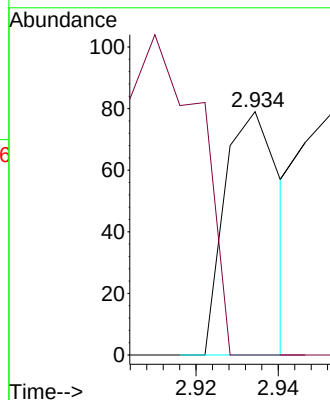
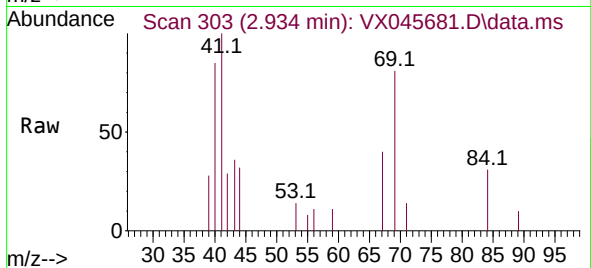
MW4

Tgt Ion: 59 Resp: 75

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#13

Acrolein

Concen: 2.339 ug/l

RT: 2.209 min Scan# 184

Delta R.T. -0.030 min

Lab File: VX045681.D

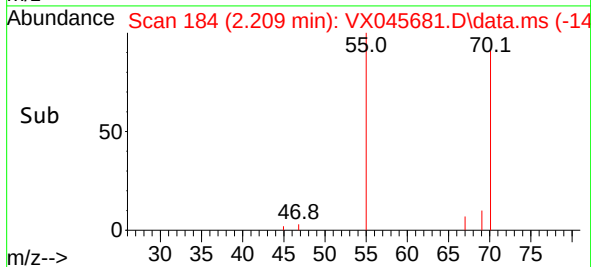
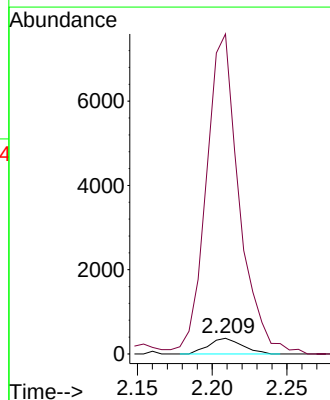
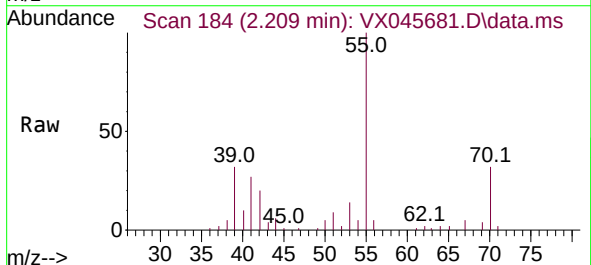
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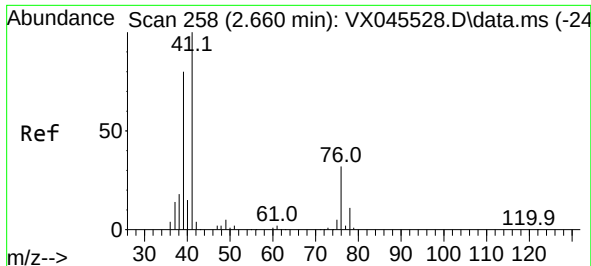
Tgt Ion: 56 Resp: 579

Ion Ratio Lower Upper

56 100

55 2011.6 56.2 84.2#

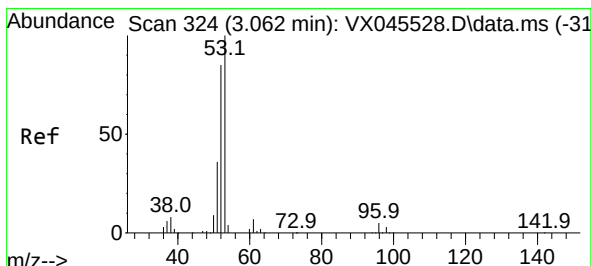
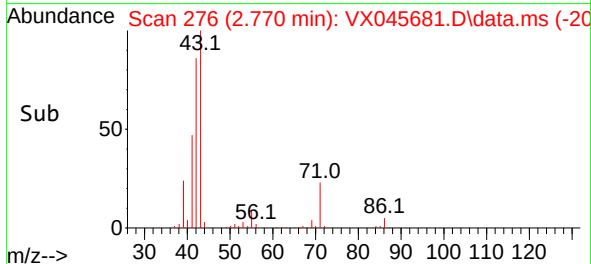
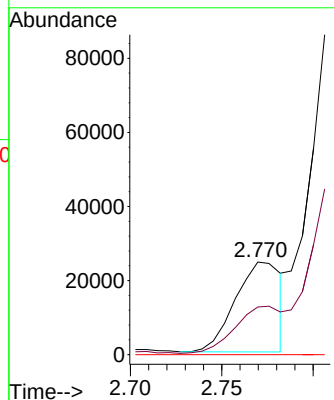
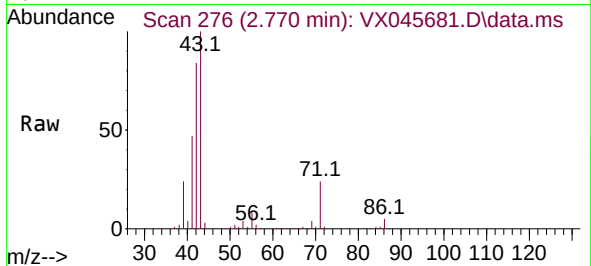




#14
 Allyl chloride
 Concen: 25.290 ug/l
 RT: 2.770 min Scan# 21
 Delta R.T. 0.110 min
 Lab File: VX045681.D
 Acq: 09 Apr 2025 17:16

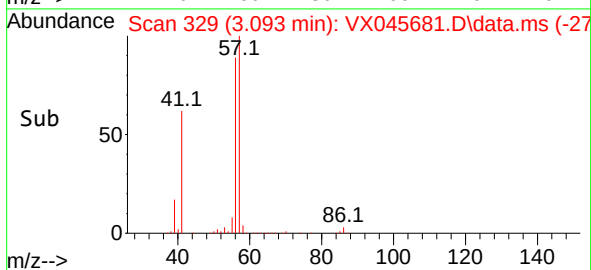
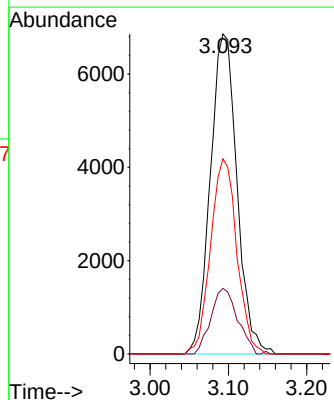
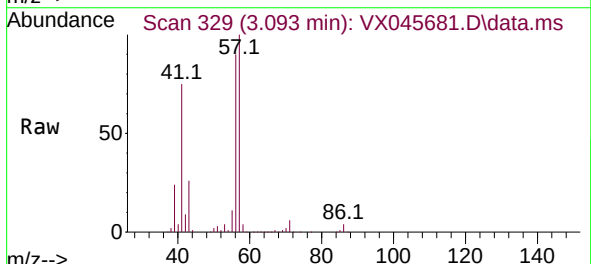
Instrument :
 MSVOA_X
 ClientSampleId :
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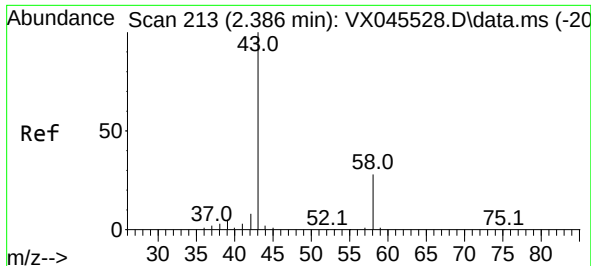
Tgt Ion: 41 Resp: 42126
 Ion Ratio Lower Upper
 41 100
 39 0.0 60.2 90.2#
 76 0.0 24.6 36.8#



#15
 Acrylonitrile
 Concen: 28.565 ug/l
 RT: 3.093 min Scan# 329
 Delta R.T. 0.030 min
 Lab File: VX045681.D
 Acq: 09 Apr 2025 17:16

Tgt Ion: 53 Resp: 16206
 Ion Ratio Lower Upper
 53 100
 52 20.4 67.4 101.2#
 51 60.0 29.9 44.9#

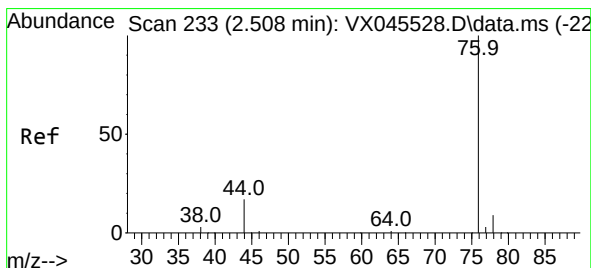
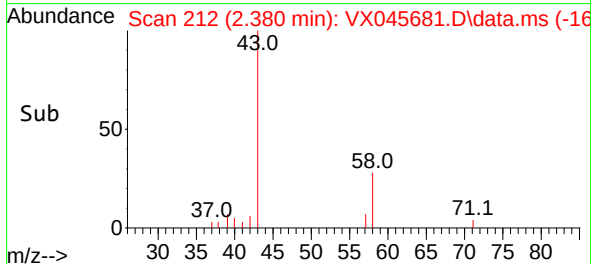
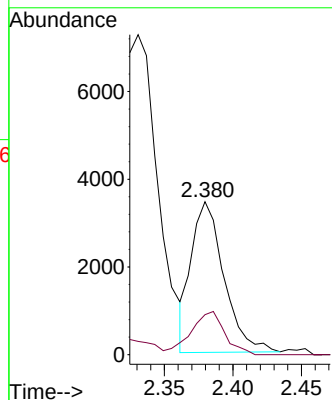
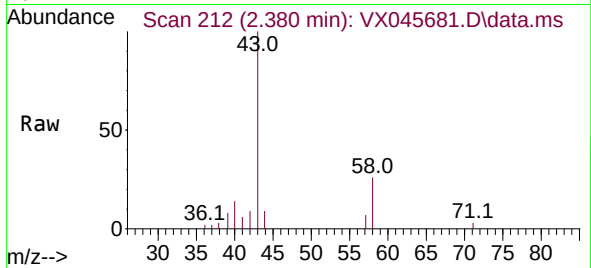




#16
Acetone
Concen: 10.361 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

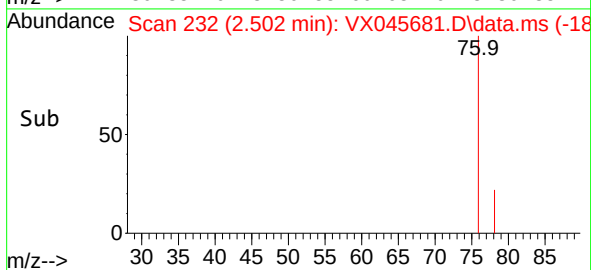
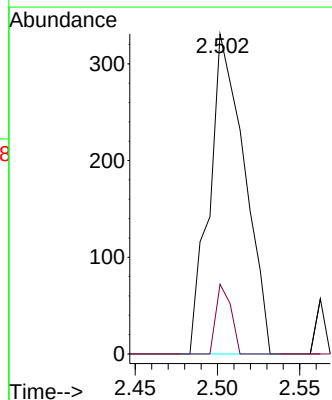
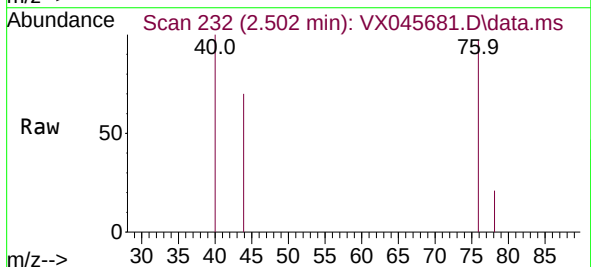
Instrument :
MSVOA_X
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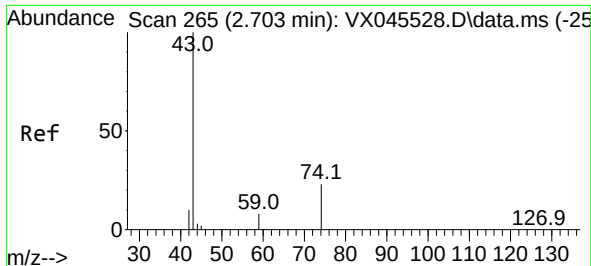
Tgt Ion: 43 Resp: 5690
Ion Ratio Lower Upper
43 100
58 26.7 22.3 33.5



#17
Carbon Disulfide
Concen: 0.226 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 76 Resp: 489
Ion Ratio Lower Upper
76 100
78 21.8 7.0 10.6#

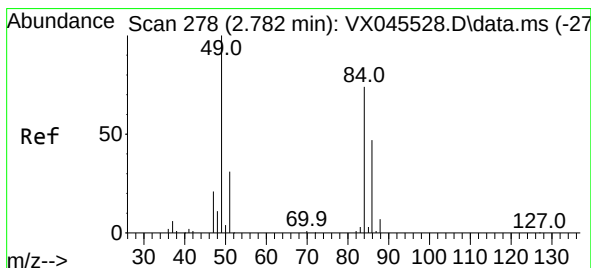
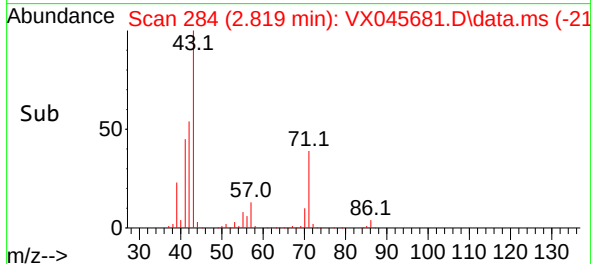
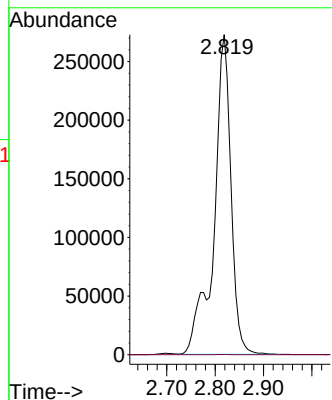
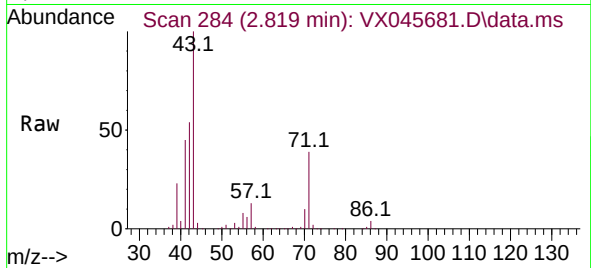




#18
Methyl Acetate
Concen: 526.671 ug/l
RT: 2.819 min Scan# 21
Delta R.T. 0.116 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

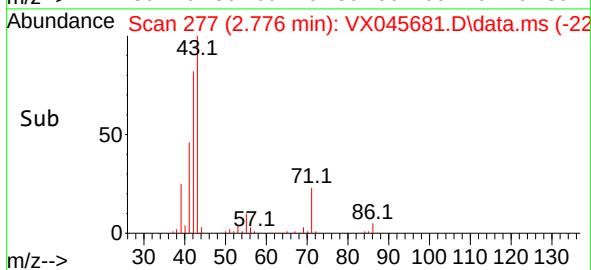
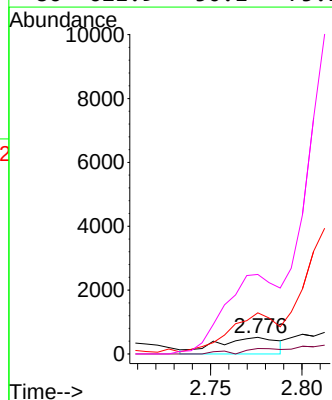
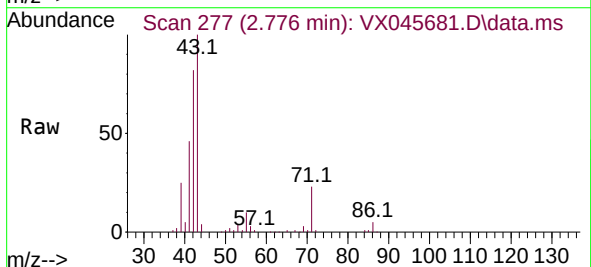
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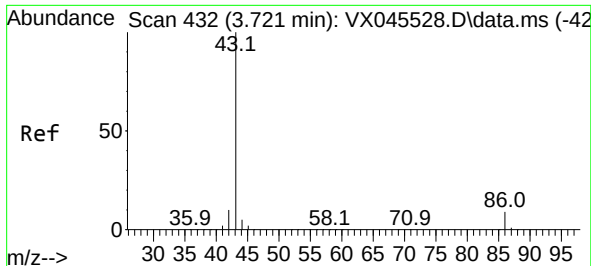
Tgt Ion: 43 Resp: 665893
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 1.156 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 84 Resp: 1188
Ion Ratio Lower Upper
84 100
49 43.8 107.5 161.3#
51 314.9 33.0 49.6#
86 621.9 50.1 75.1#

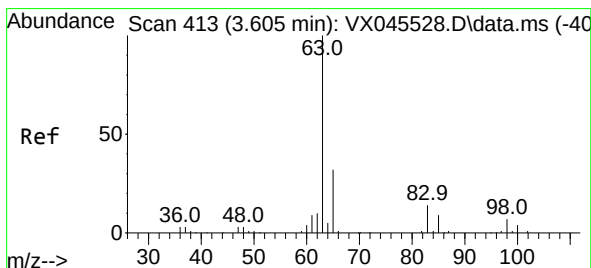
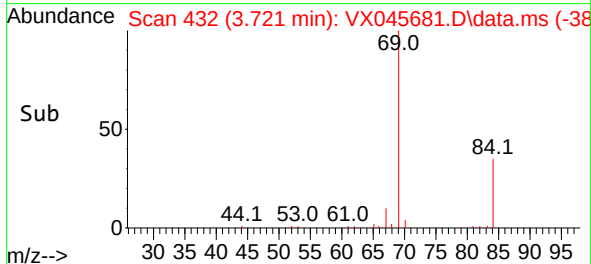
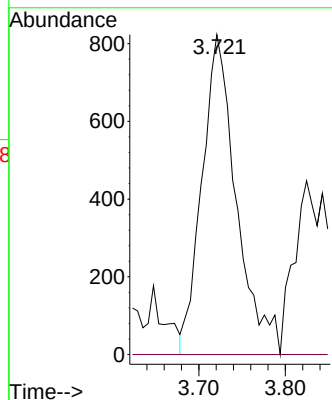
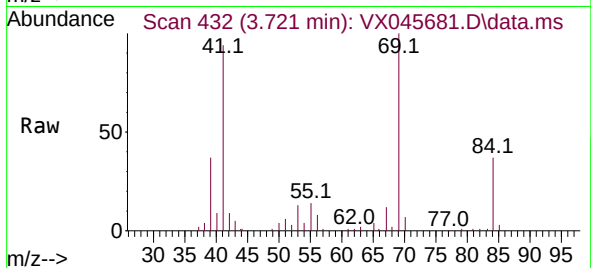




#23
 Vinyl Acetate
 Concen: 0.799 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX045681.D
 Acq: 09 Apr 2025 17:16

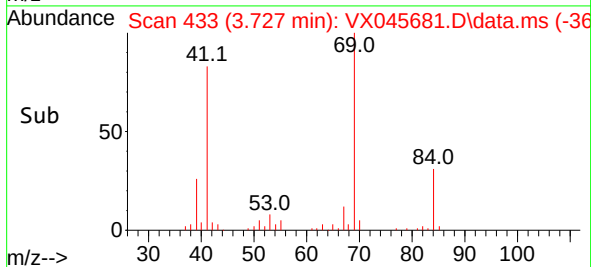
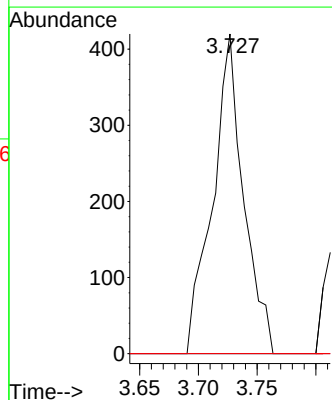
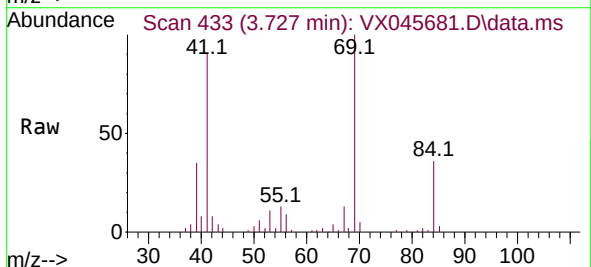
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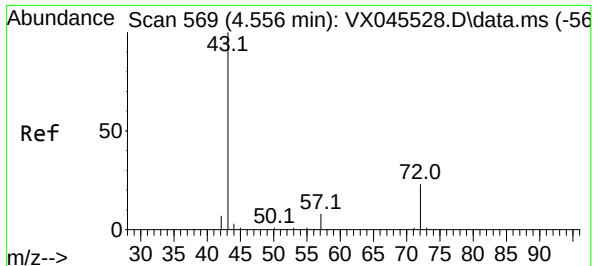
Tgt Ion: 43 Resp: 2264
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 0.415 ug/l
 RT: 3.727 min Scan# 433
 Delta R.T. 0.122 min
 Lab File: VX045681.D
 Acq: 09 Apr 2025 17:16

Tgt Ion: 63 Resp: 770
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.1#
 100 0.0 2.2 6.6#

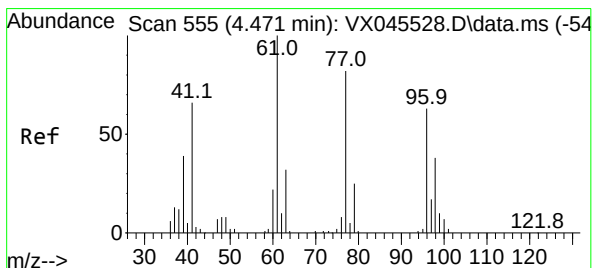
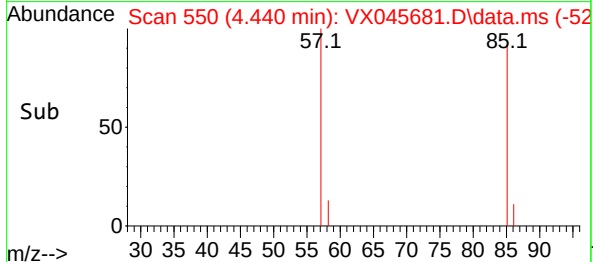
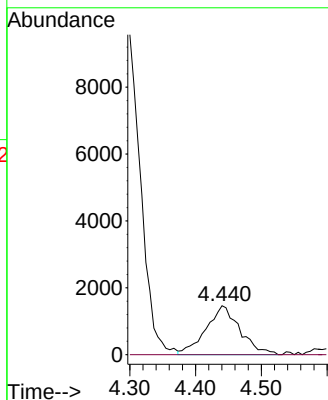
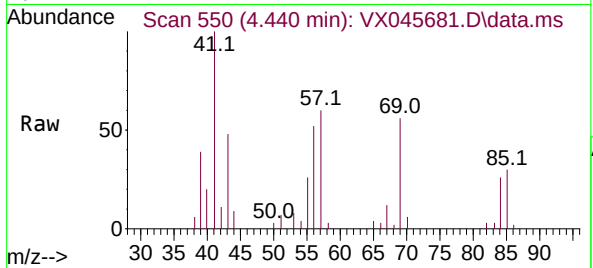




#25
2-Butanone
Concen: 6.530 ug/l
RT: 4.440 min Scan# 51
Delta R.T. -0.116 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

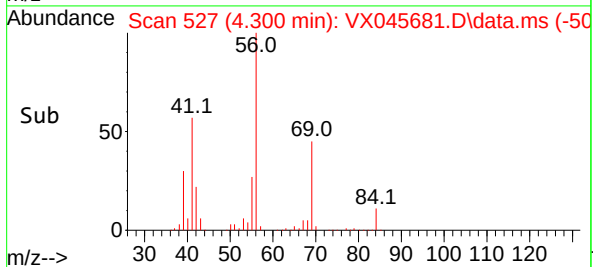
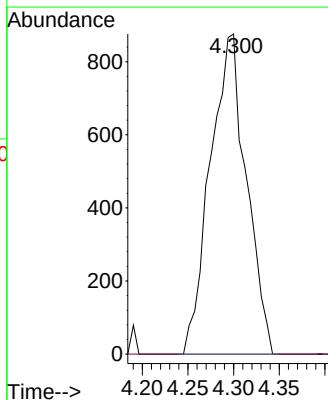
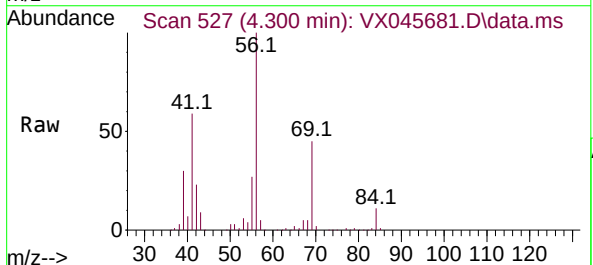
Instrument :
MSVOA_X
ClientSampleId :
MW4

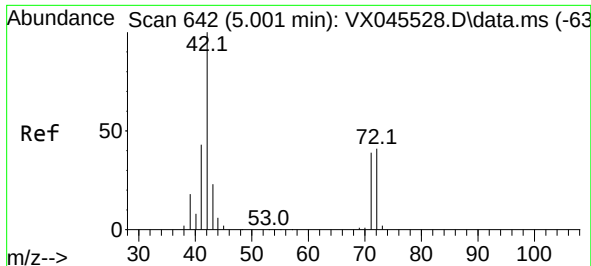
Tgt Ion: 43 Resp: 5249
Ion Ratio Lower Upper
43 100
72 0.0 18.6 28.0#



#26
2,2-Dichloropropane
Concen: 2.008 ug/l
RT: 4.300 min Scan# 527
Delta R.T. -0.171 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 77 Resp: 2408
Ion Ratio Lower Upper
77 100
97 0.0 10.6 31.8#





#29

Tetrahydrofuran

Concen: 0.938 ug/l

RT: 4.952 min Scan# 61

Delta R.T. -0.049 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

MW4

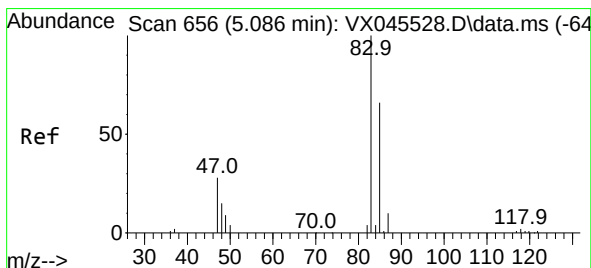
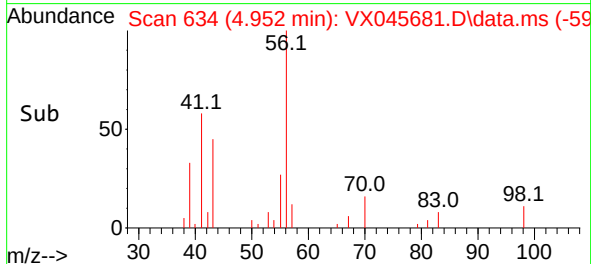
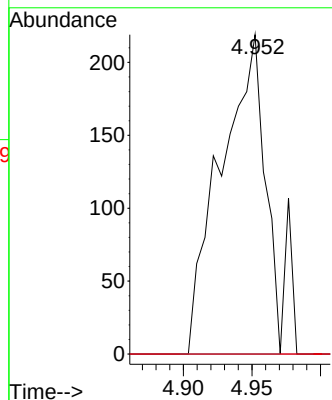
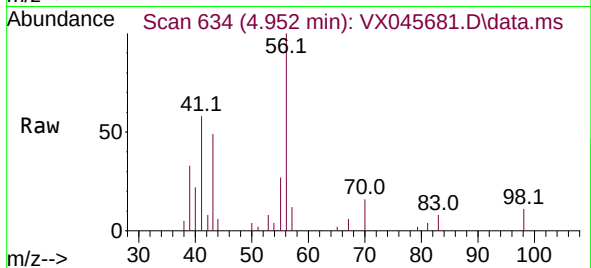
Tgt Ion: 42 Resp: 489

Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.0#

71 0.0 31.4 47.0#



#30

Chloroform

Concen: 10.502 ug/l

RT: 5.153 min Scan# 667

Delta R.T. 0.067 min

Lab File: VX045681.D

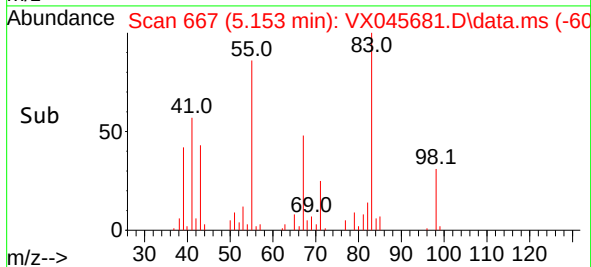
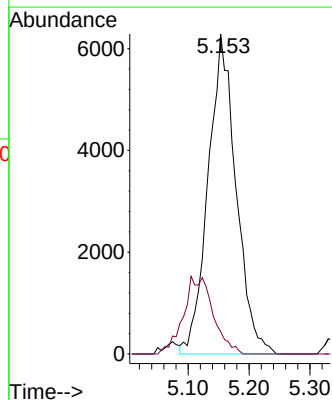
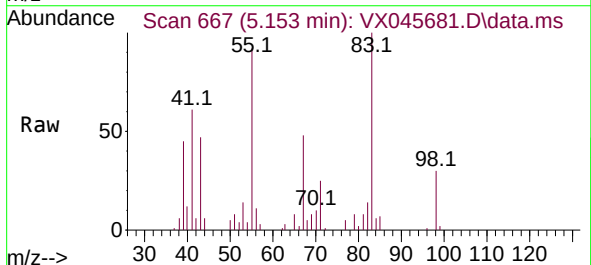
Acq: 09 Apr 2025 17:16

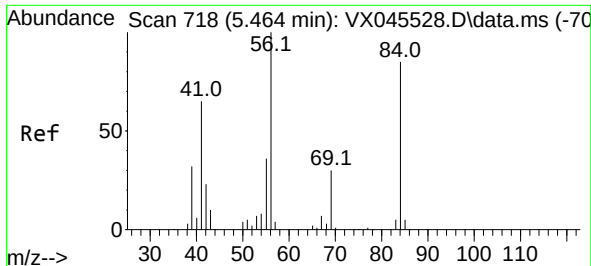
Tgt Ion: 83 Resp: 20052

Ion Ratio Lower Upper

83 100

85 7.0 52.8 79.2#

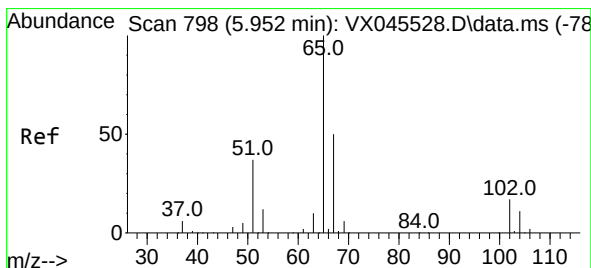
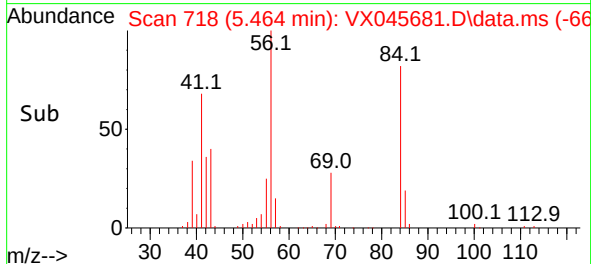
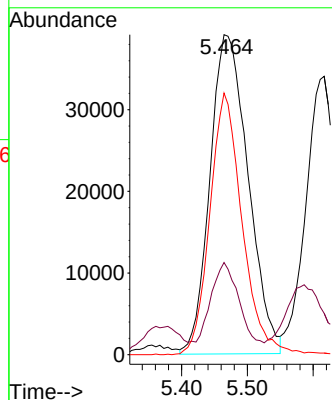
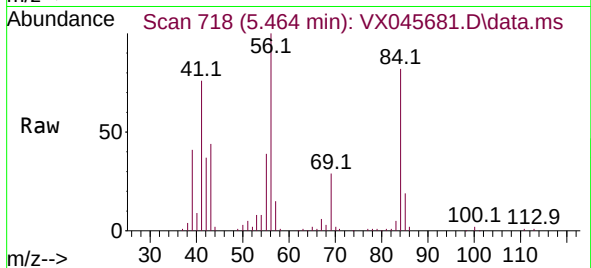




#31
Cyclohexane
Concen: 96.311 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

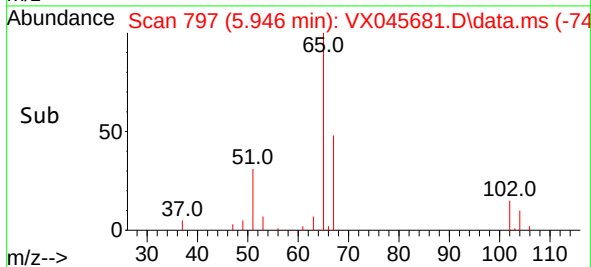
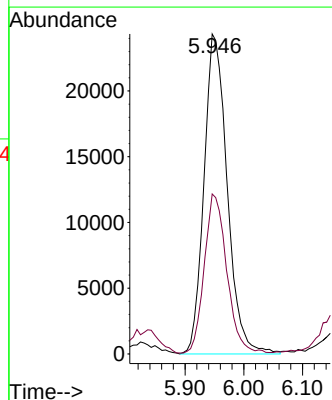
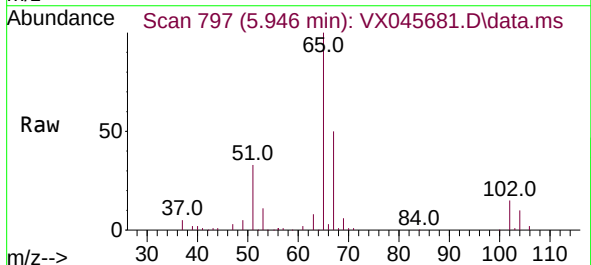
Instrument :
MSVOA_X
ClientSampleId :
MW4

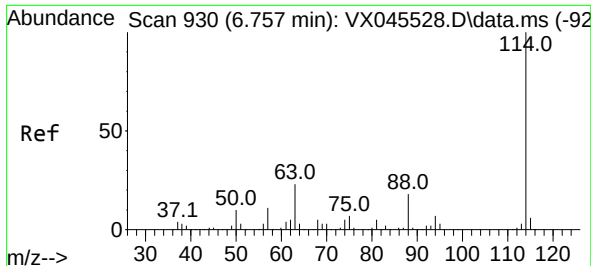
Tgt Ion: 56 Resp: 157999
Ion Ratio Lower Upper
56 100
69 22.9 23.6 35.4#
84 82.7 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 50.052 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 65 Resp: 66936
Ion Ratio Lower Upper
65 100
67 47.8 0.0 99.0

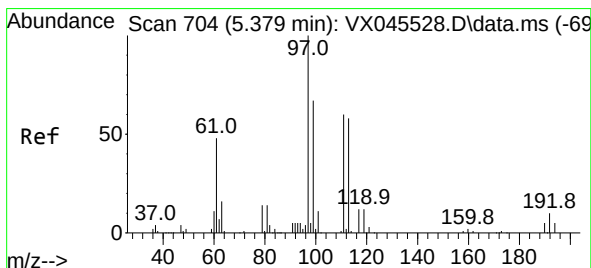
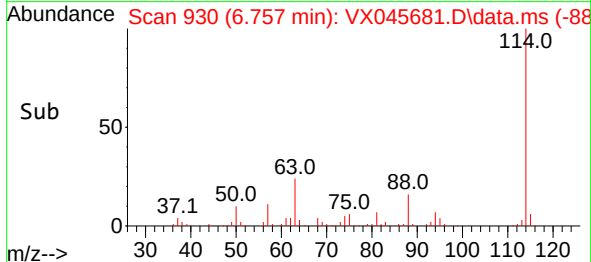
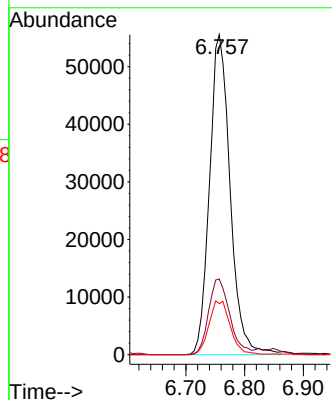
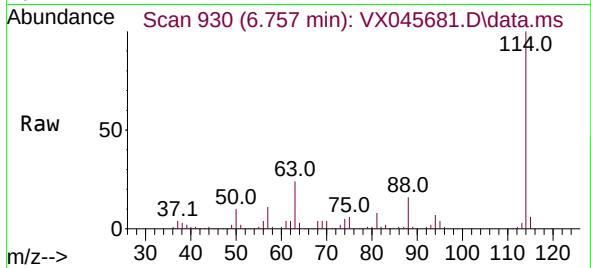




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

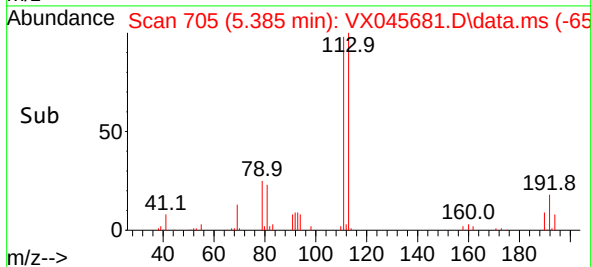
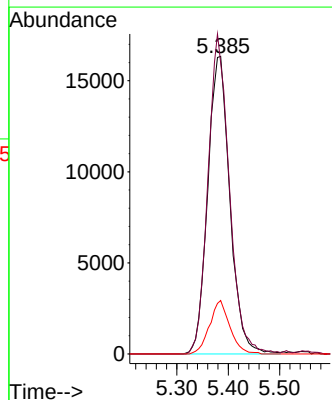
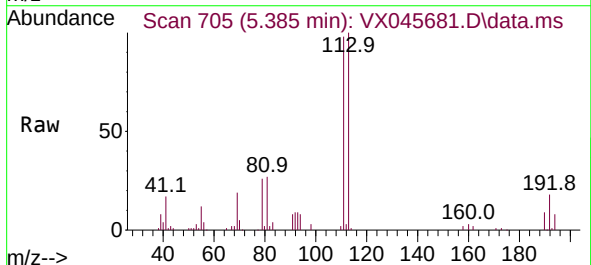
Instrument :
MSVOA_X
ClientSampleId :
MW4

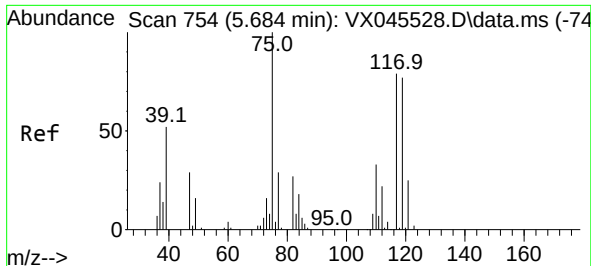
Tgt Ion:114 Resp: 135470
Ion Ratio Lower Upper
114 100
63 23.6 0.0 46.8
88 16.0 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.917 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:113 Resp: 48939
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 16.5 13.8 20.6

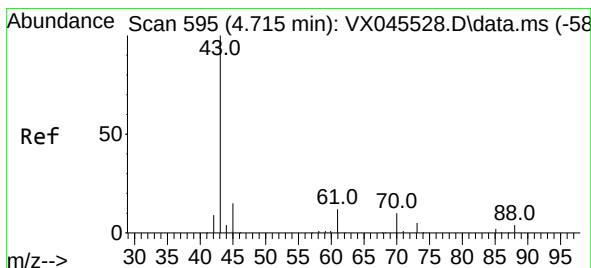
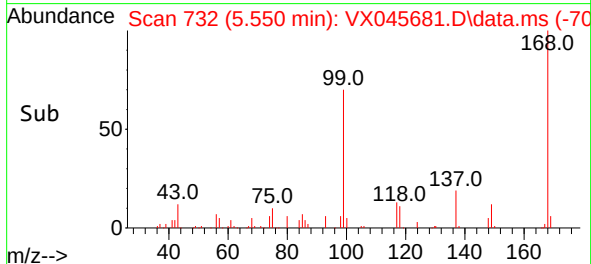
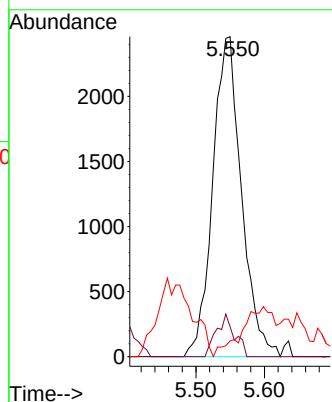
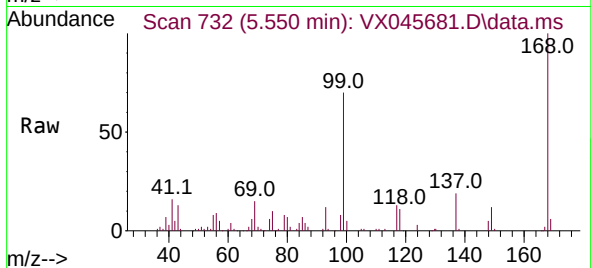




#36
1,1-Dichloropropene
Concen: 5.515 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

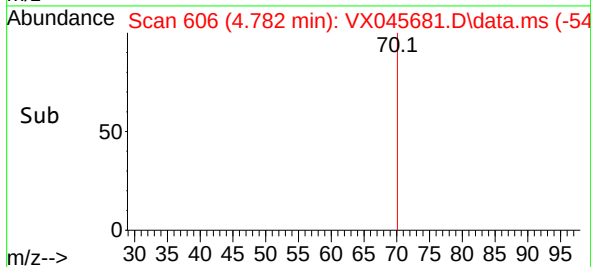
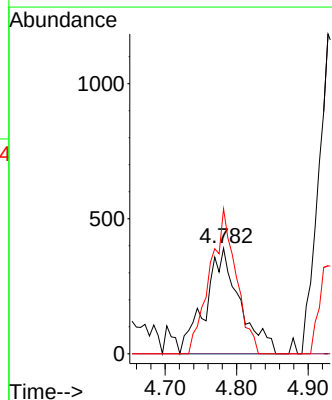
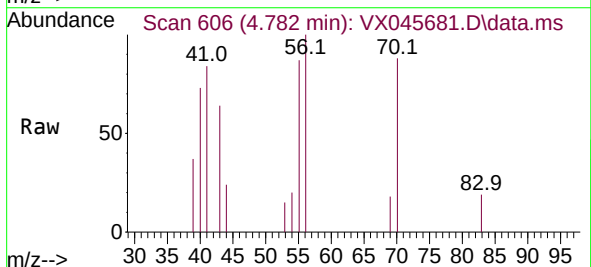
Instrument :
MSVOA_X
ClientSampleId :
MW4

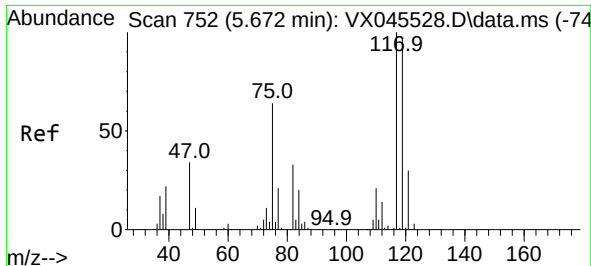
Tgt Ion: 75 Resp: 7157
Ion Ratio Lower Upper
75 100
110 8.4 16.9 50.6#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.800 ug/l
RT: 4.782 min Scan# 606
Delta R.T. 0.067 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

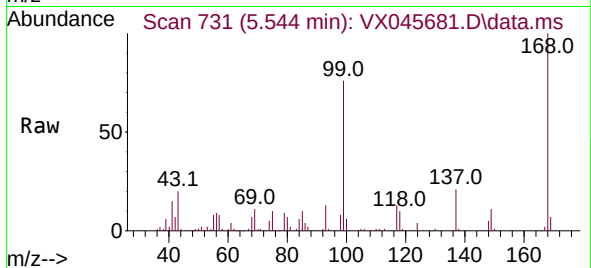
Tgt Ion: 43 Resp: 1308
Ion Ratio Lower Upper
43 100
61 0.0 9.9 14.9#
70 104.7 7.5 11.3#



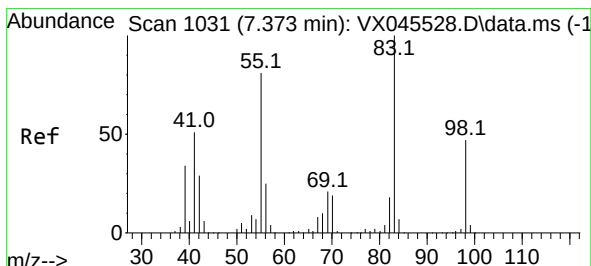
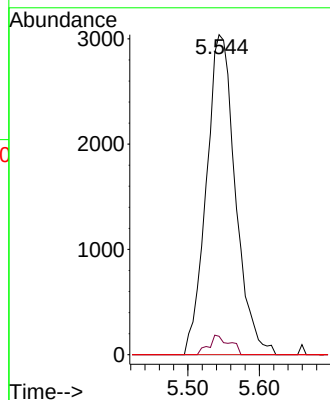
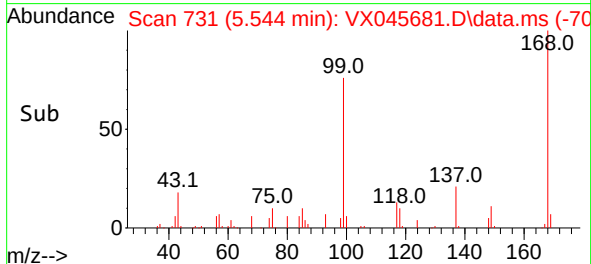


#38
Carbon Tetrachloride
Concen: 6.120 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

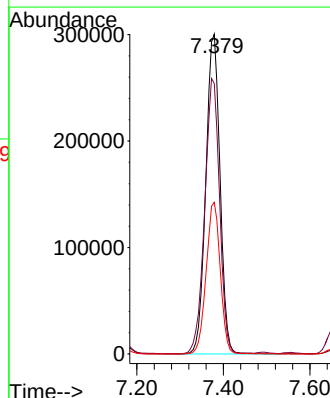
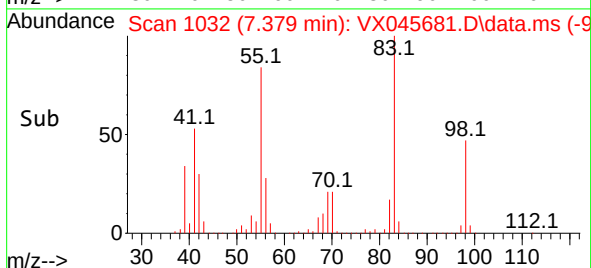
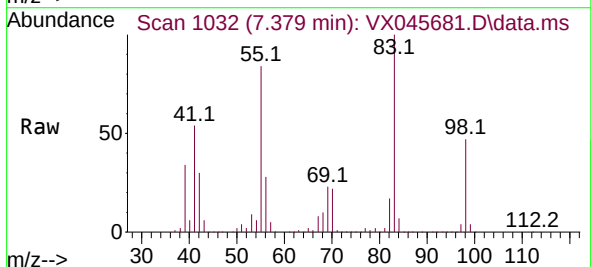


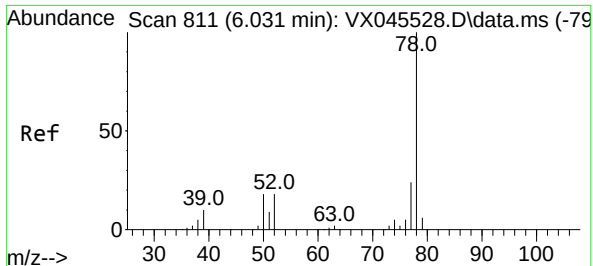
Tgt Ion:117 Resp: 8583
Ion Ratio Lower Upper
117 100
119 5.8 76.9 115.3#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 429.512 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 83 Resp: 683265
Ion Ratio Lower Upper
83 100
55 84.4 64.9 97.3
98 47.4 37.4 56.0

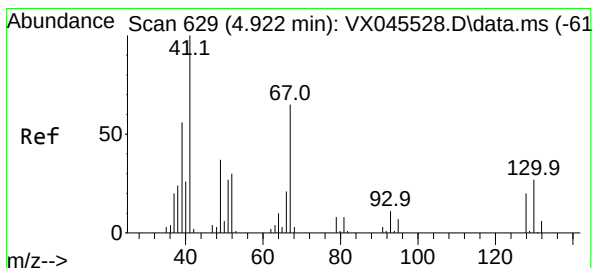
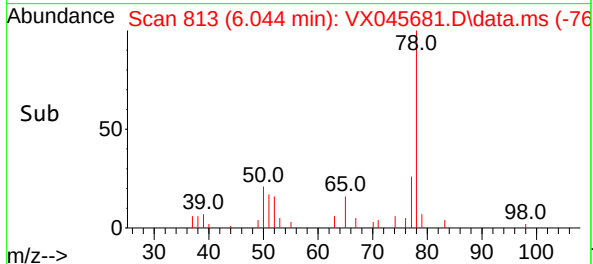
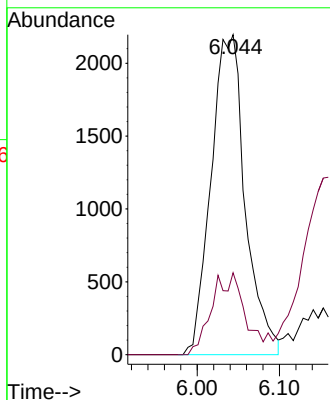
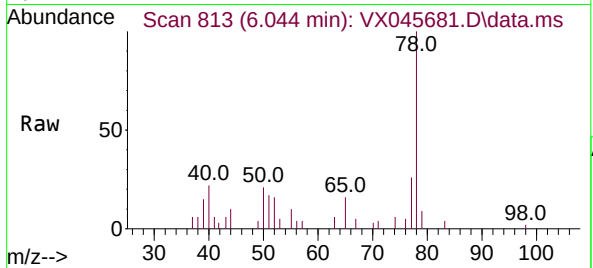




#40
Benzene
Concen: 1.602 ug/l
RT: 6.044 min Scan# 811
Delta R.T. 0.012 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

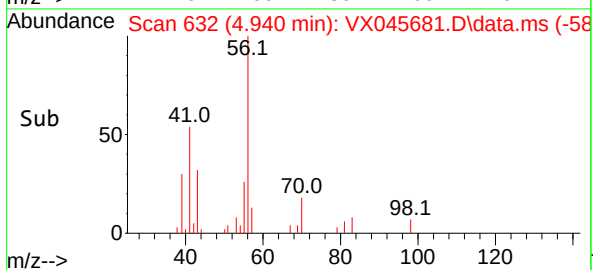
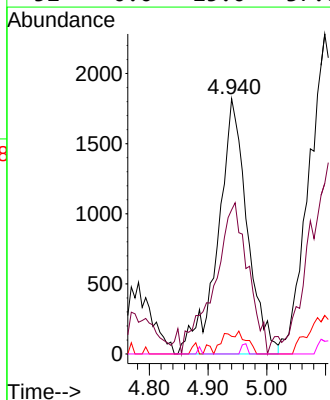
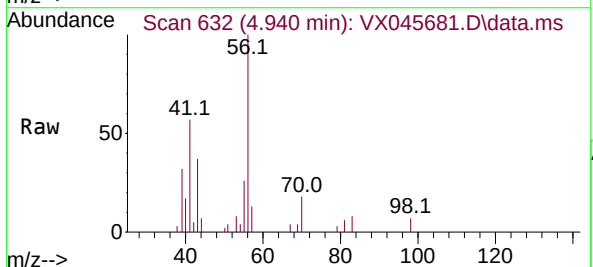
Instrument :
MSVOA_X
ClientSampleId :
MW4

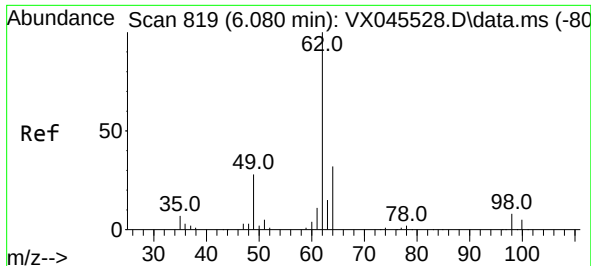
Tgt Ion: 78 Resp: 6348
Ion Ratio Lower Upper
78 100
77 25.6 19.0 28.6



#41
Methacrylonitrile
Concen: 7.263 ug/l
RT: 4.940 min Scan# 632
Delta R.T. 0.018 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 41 Resp: 6267
Ion Ratio Lower Upper
41 100
39 68.5 47.0 70.6
67 0.0 53.2 79.8#
52 0.0 25.0 37.6#





#42

1,2-Dichloroethane

Concen: 0.726 ug/l

RT: 6.153 min Scan# 819

Delta R.T. 0.073 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

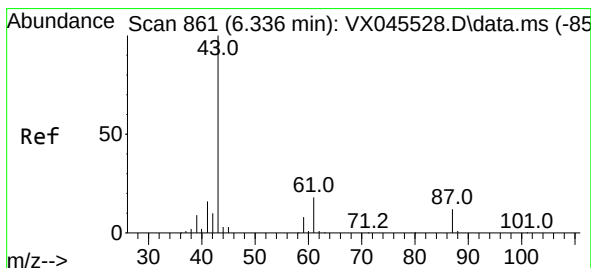
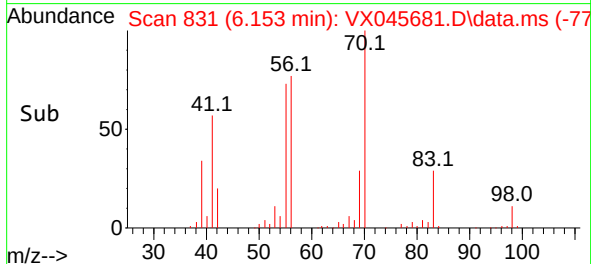
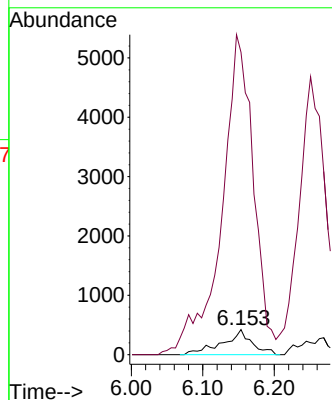
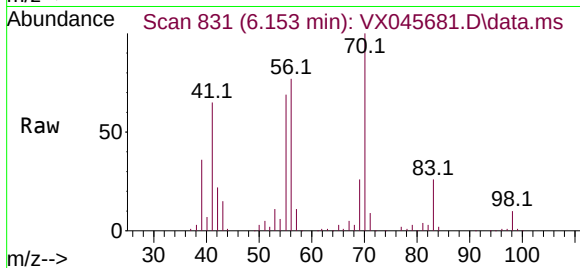
MW4

Tgt Ion: 62 Resp: 1188

Ion Ratio Lower Upper

62 100

98 1403.5 0.0 15.2#



#43

Isopropyl Acetate

Concen: 7.631 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.018 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

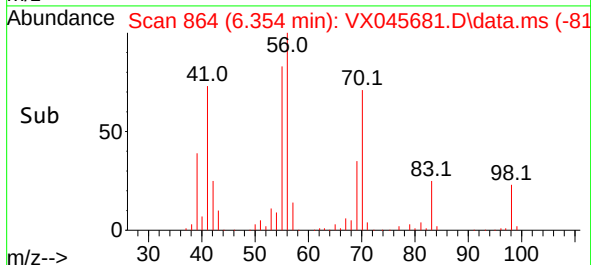
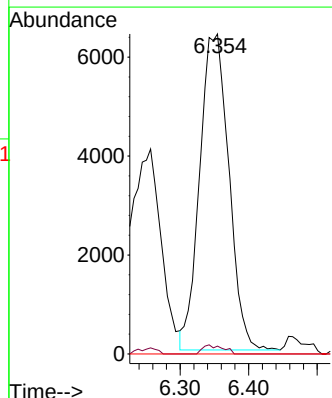
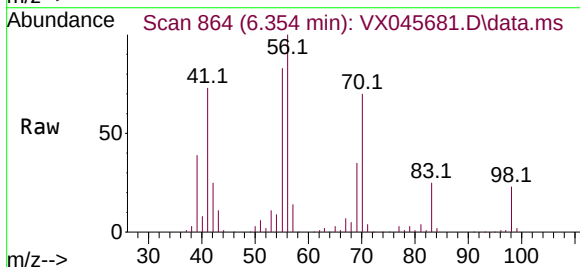
Tgt Ion: 43 Resp: 18915

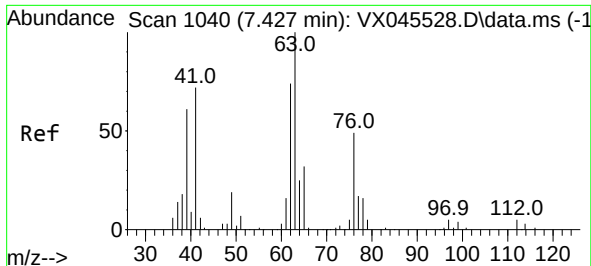
Ion Ratio Lower Upper

43 100

61 2.0 14.1 21.1#

87 0.0 9.2 13.8#

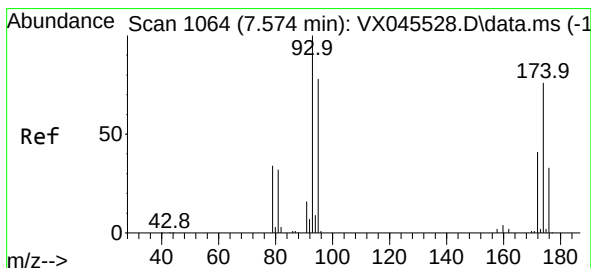
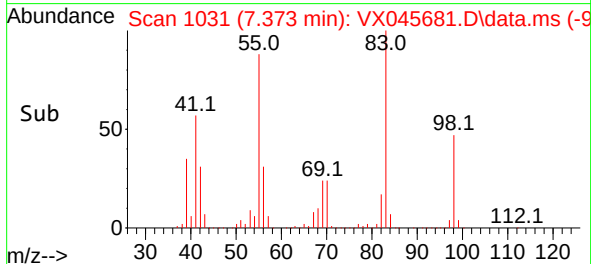
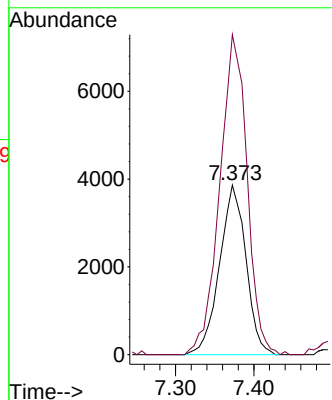
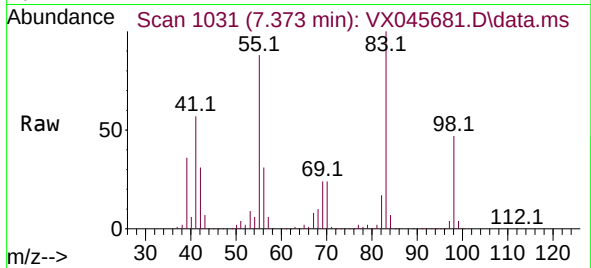




#45
1,2-Dichloropropane
Concen: 9.166 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.055 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

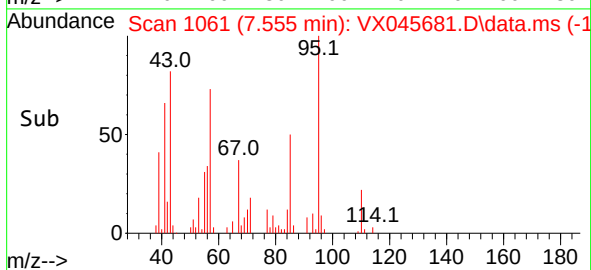
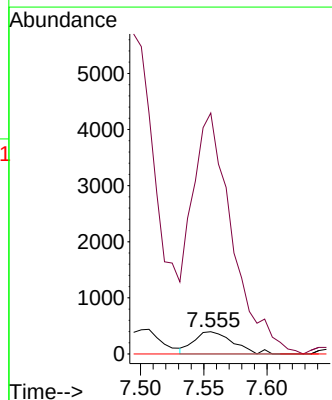
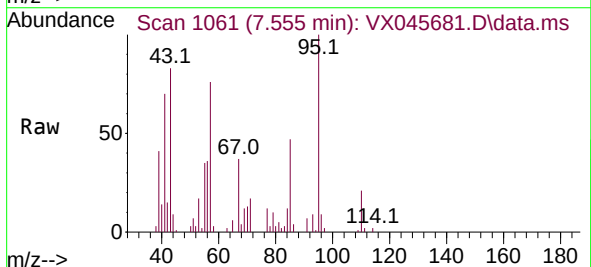
Instrument :
MSVOA_X
ClientSampleId :
MW4

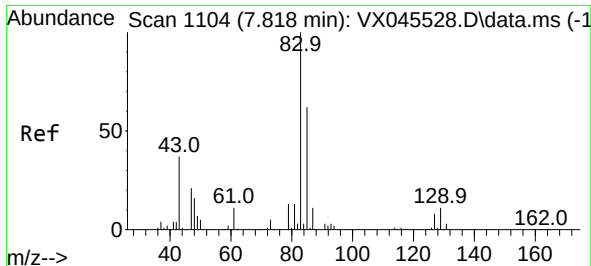
Tgt Ion: 63 Resp: 9064
Ion Ratio Lower Upper
63 100
65 188.8 25.8 38.6#



#46
Dibromomethane
Concen: 1.118 ug/l
RT: 7.555 min Scan# 1061
Delta R.T. -0.018 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 93 Resp: 849
Ion Ratio Lower Upper
93 100
95 1116.7 64.8 97.2#
174 0.0 65.4 98.0#

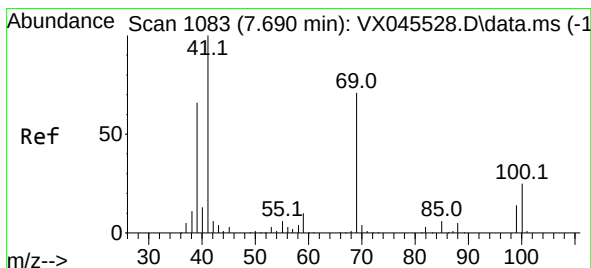
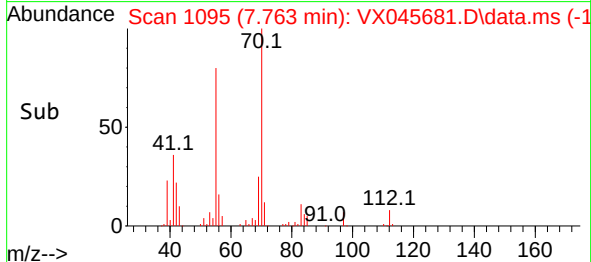
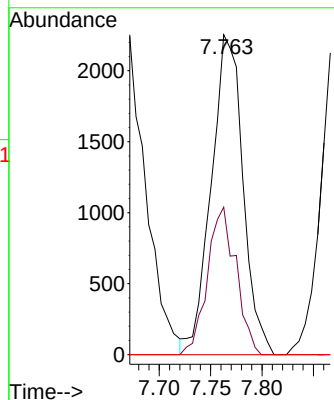
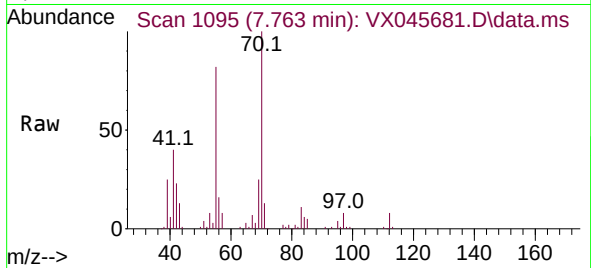




#47
Bromodichloromethane
Concen: 3.189 ug/l
RT: 7.763 min Scan# 1077
Delta R.T. -0.055 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

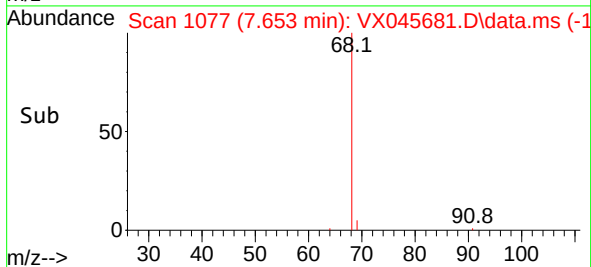
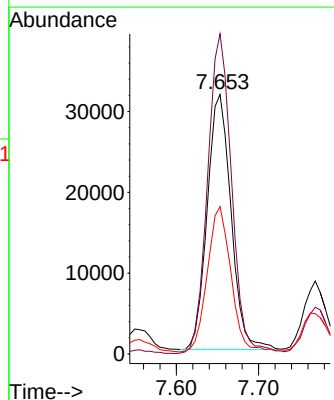
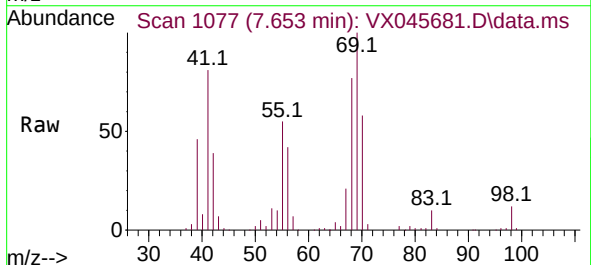
Instrument :
MSVOA_X
ClientSampleId :
MW4

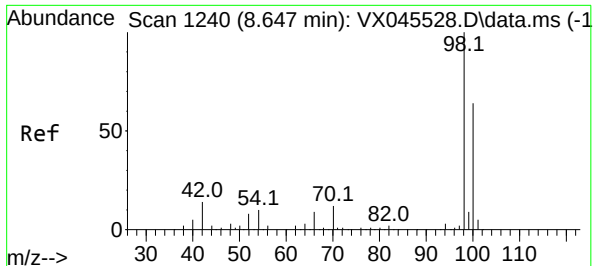
Tgt Ion: 83 Resp: 4835
Ion Ratio Lower Upper
83 100
85 46.1 49.7 74.5#
127 0.0 6.1 9.1#



#48
Methyl methacrylate
Concen: 49.769 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.037 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 41 Resp: 63695
Ion Ratio Lower Upper
41 100
69 125.8 58.2 87.2#
39 56.3 53.6 80.4

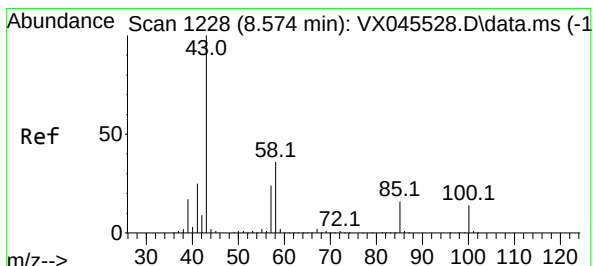
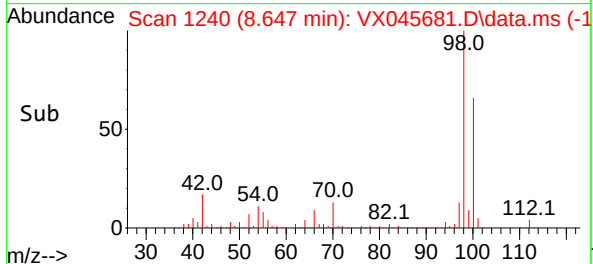
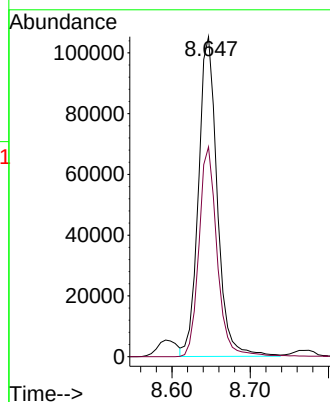
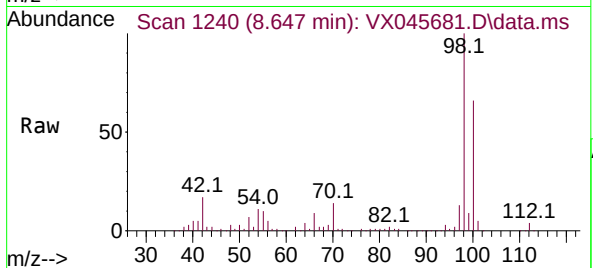




#50
Toluene-d8
Concen: 52.291 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

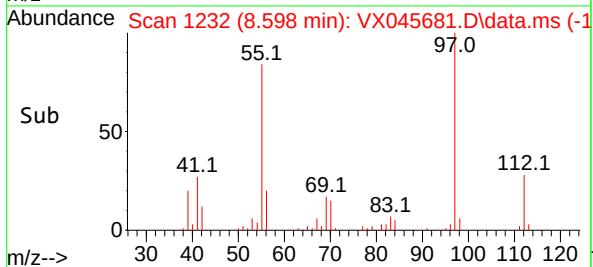
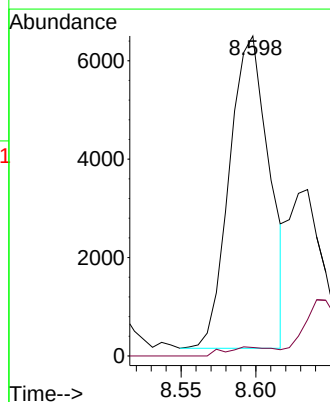
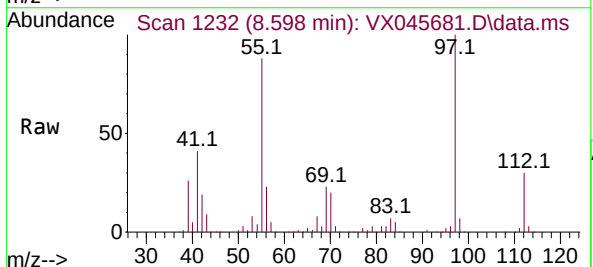
Instrument :
MSVOA_X
ClientSampleId :
MW4

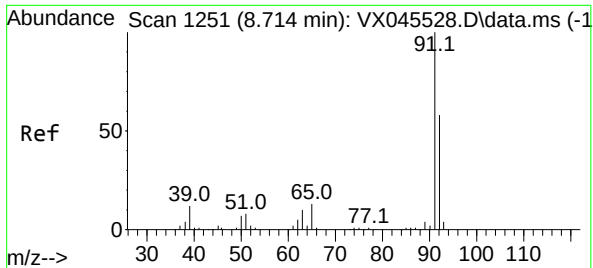
Tgt Ion: 98 Resp: 175427
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 7.173 ug/l
RT: 8.598 min Scan# 1232
Delta R.T. 0.024 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 43 Resp: 11787
Ion Ratio Lower Upper
43 100
58 3.5 28.5 42.7#

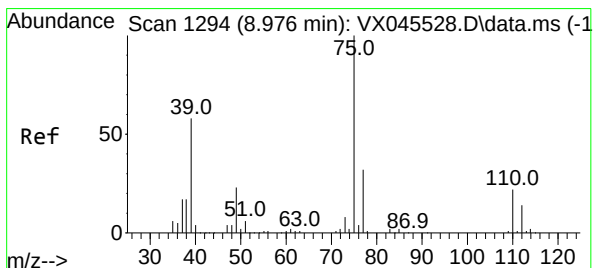
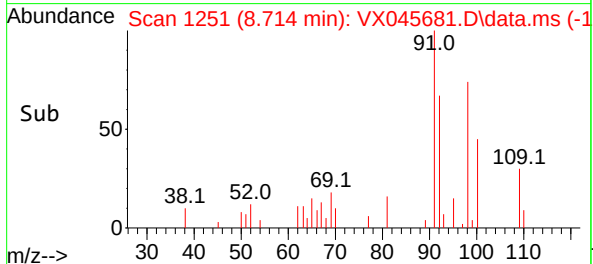
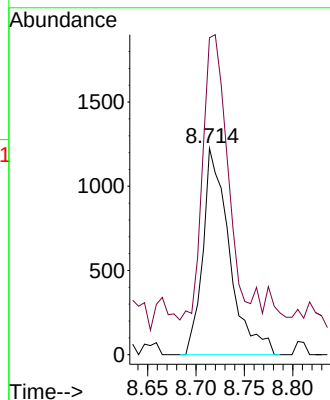
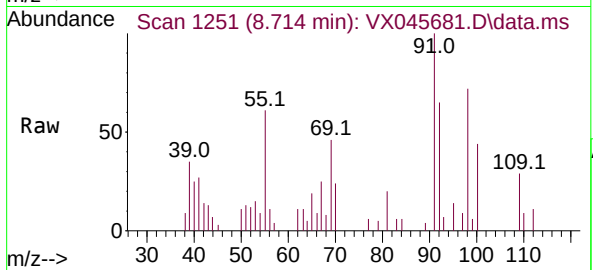




#52
Toluene
Concen: 0.976 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

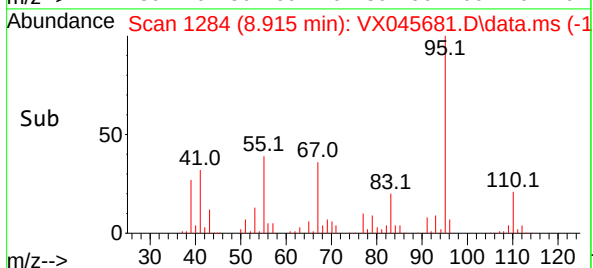
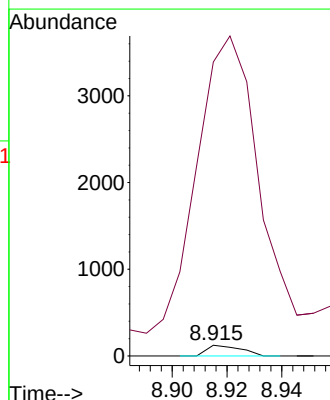
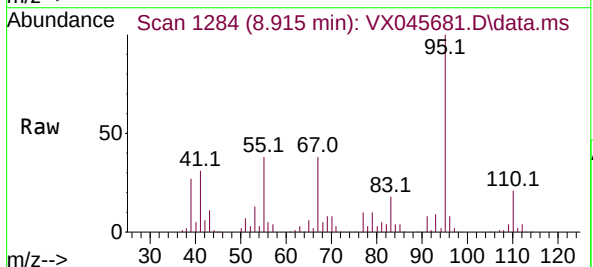
Instrument :
MSVOA_X
ClientSampleId :
MW4

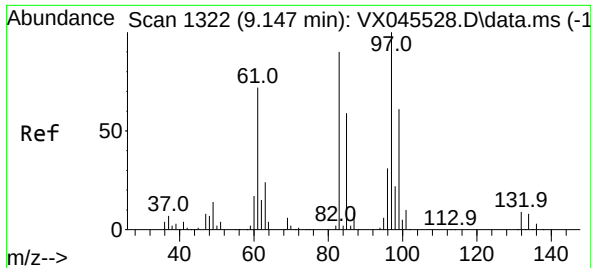
Tgt Ion: 92 Resp: 2340
Ion Ratio Lower Upper
92 100
91 128.4 138.7 208.1#



#53
t-1,3-Dichloropropene
Concen: 2.359 ug/l
RT: 8.915 min Scan# 1284
Delta R.T. -0.061 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 75 Resp: 107
Ion Ratio Lower Upper
75 100
77 1951.6 25.4 38.0#

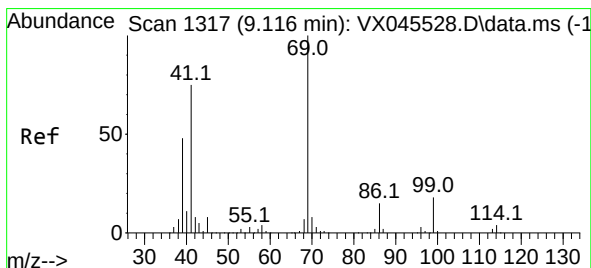
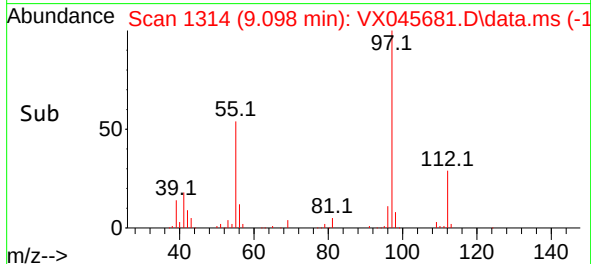
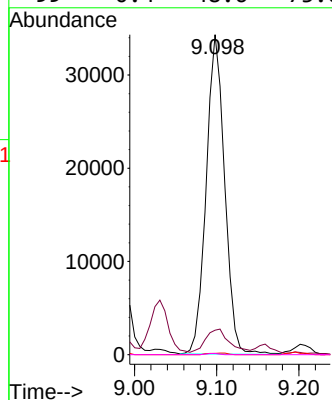
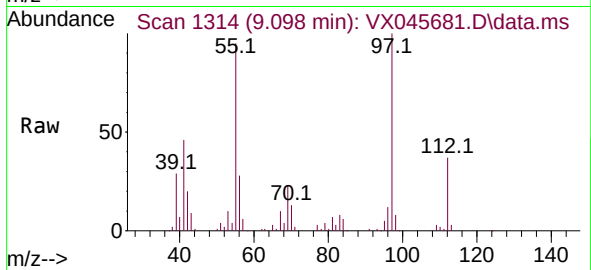




#55
1,1,2-Trichloroethane
Concen: 55.837 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.049 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

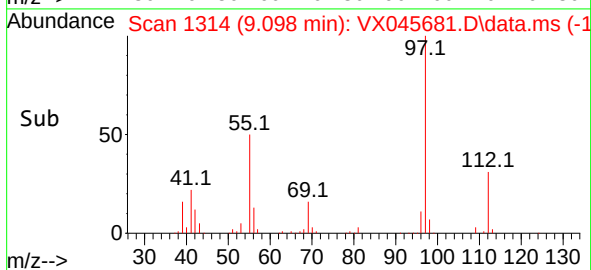
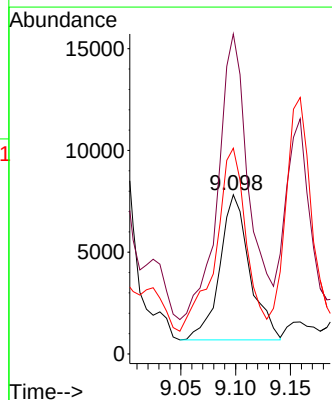
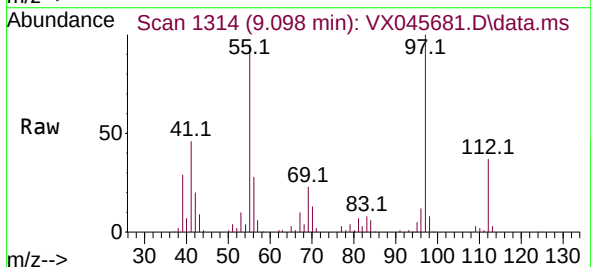
Instrument :
MSVOA_X
ClientSampleId :
MW4

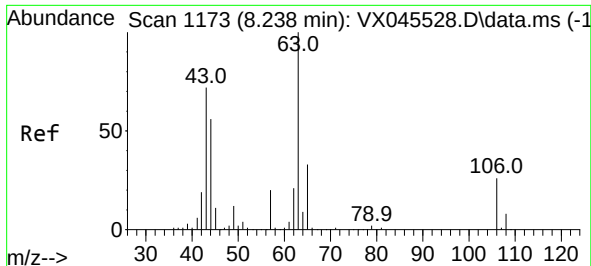
Tgt Ion:	97	Resp:	53363
Ion Ratio	Lower	Upper	
97	100		
83	6.9	71.8	107.8#
85	0.4	47.0	70.6#
99	0.4	48.6	73.0#



#56
Ethyl methacrylate
Concen: 9.166 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:	69	Resp:	13557
Ion Ratio	Lower	Upper	
69	100		
41	200.1	61.3	91.9#
39	128.2	40.2	60.2#

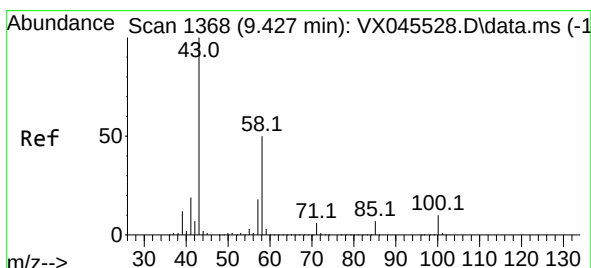
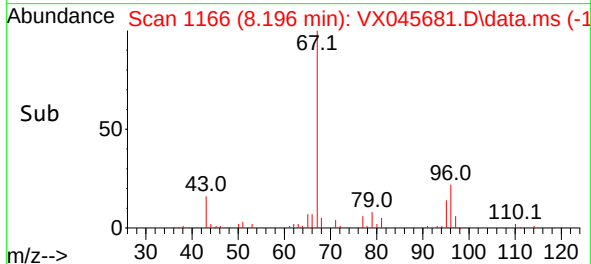
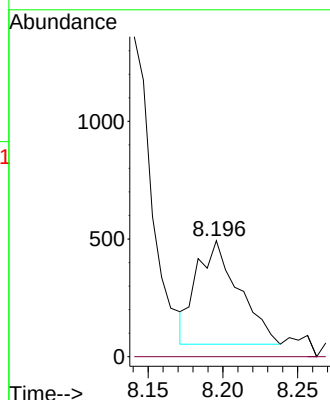
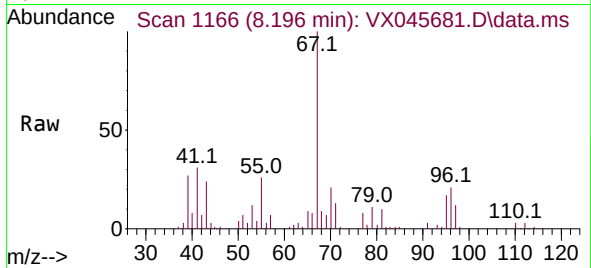




#58
2-Chloroethyl Vinyl ether
Concen: 1.148 ug/l
RT: 8.196 min Scan# 1173
Delta R.T. -0.043 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

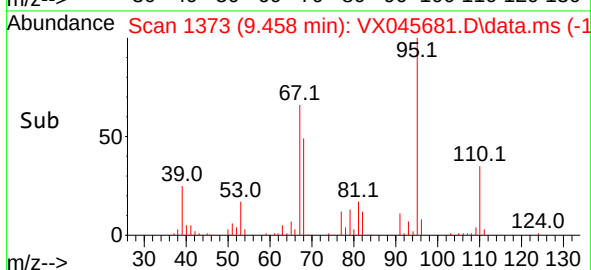
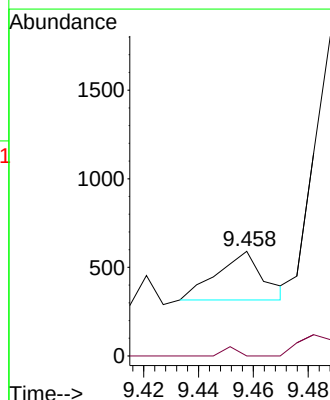
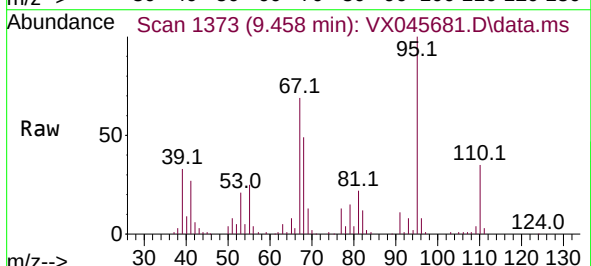
Instrument :
MSVOA_X
ClientSampleId :
MW4

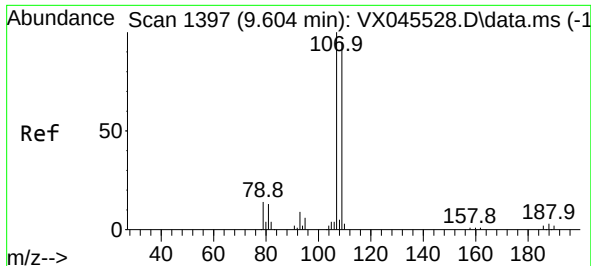
Tgt Ion: 63 Resp: 859
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.6#



#59
2-Hexanone
Concen: 0.264 ug/l
RT: 9.458 min Scan# 1373
Delta R.T. 0.031 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 43 Resp: 321
Ion Ratio Lower Upper
43 100
58 5.9 24.9 74.6#

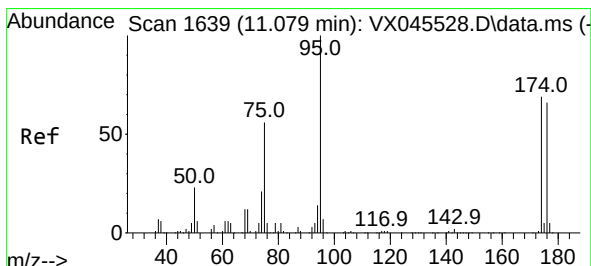
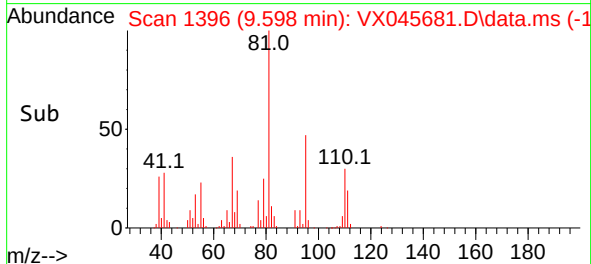
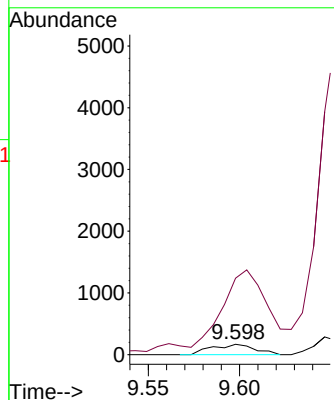
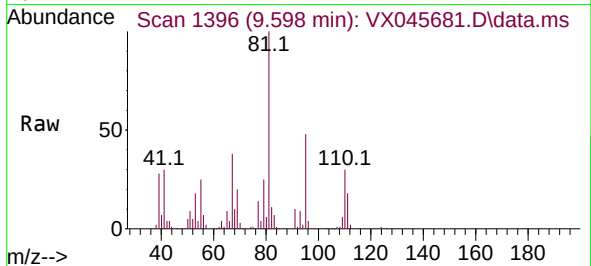




#61
1,2-Dibromoethane
Concen: 0.289 ug/l
RT: 9.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

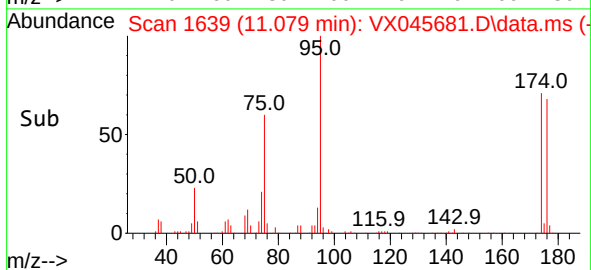
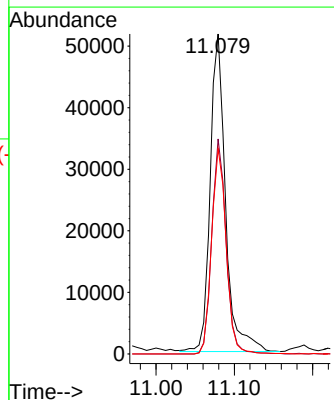
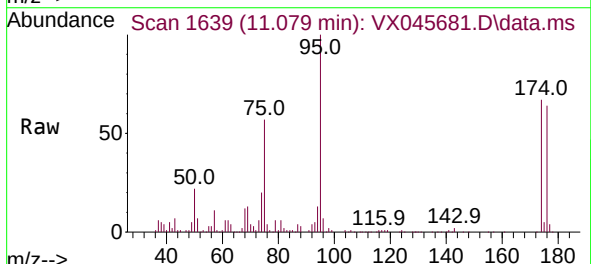
Instrument :
MSVOA_X
ClientSampleId :
MW4

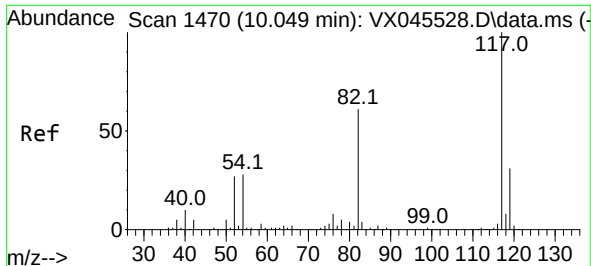
Tgt Ion:107 Resp: 280
Ion Ratio Lower Upper
107 100
109 1000.0 75.7 113.5#



#62
4-Bromofluorobenzene
Concen: 57.411 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 95 Resp: 70156
Ion Ratio Lower Upper
95 100
174 62.7 0.0 135.8
176 61.6 0.0 131.4

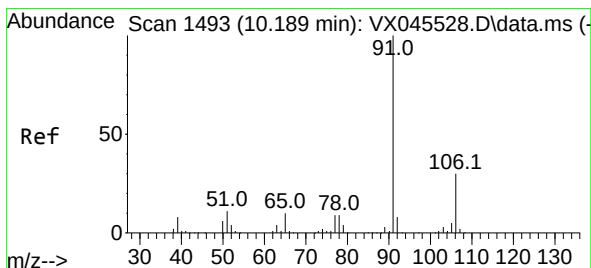
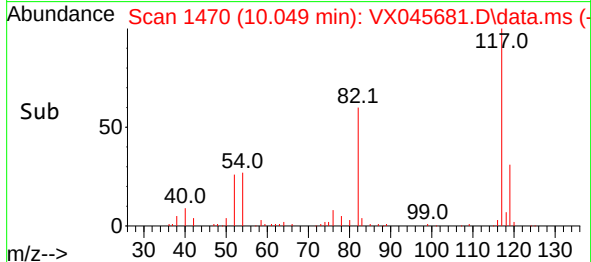
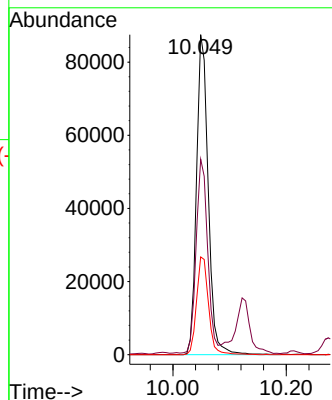
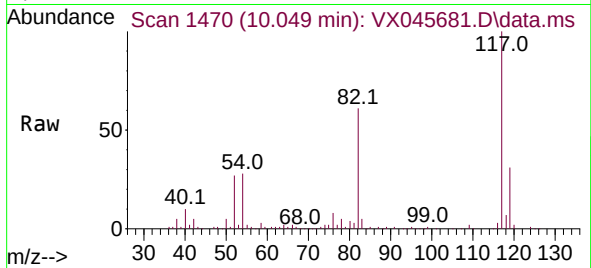




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

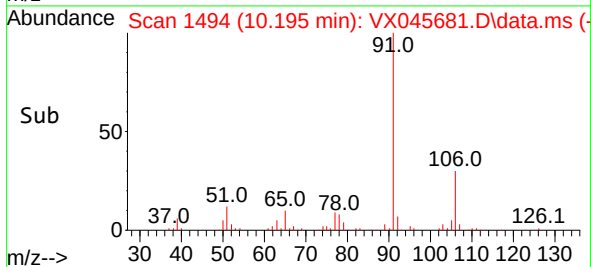
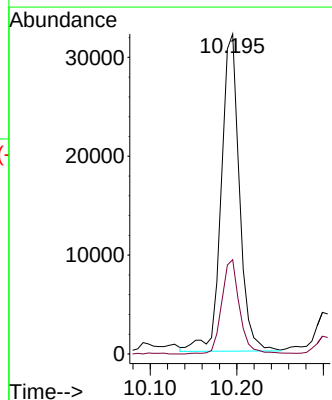
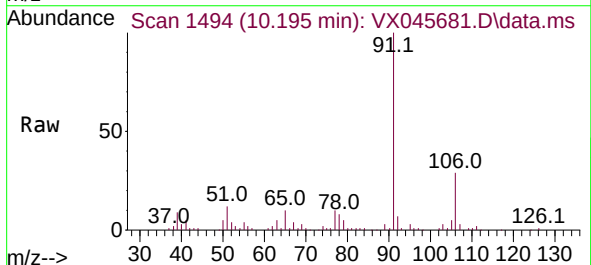
Instrument :
MSVOA_X
ClientSampleId :
MW4

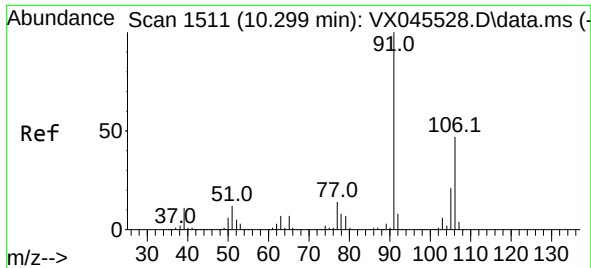
Tgt Ion:117 Resp: 125359
Ion Ratio Lower Upper
117 100
82 60.7 49.2 73.8
119 30.5 25.1 37.7



#67
Ethyl Benzene
Concen: 9.760 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 91 Resp: 46826
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5

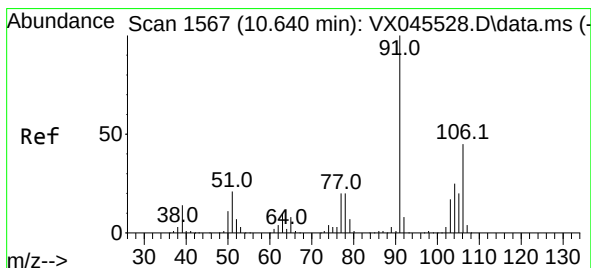
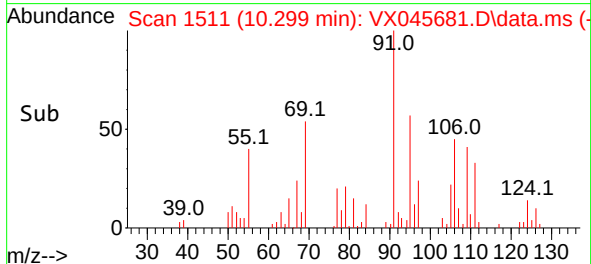
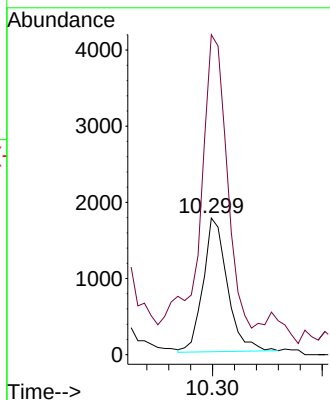
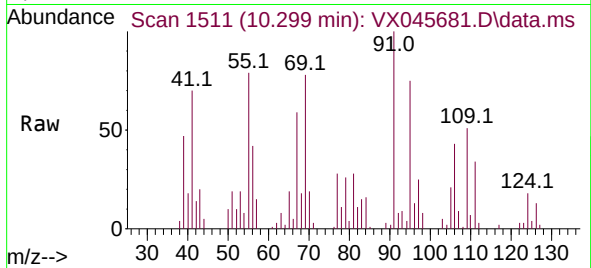




#68
m/p-Xylenes
Concen: 1.543 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

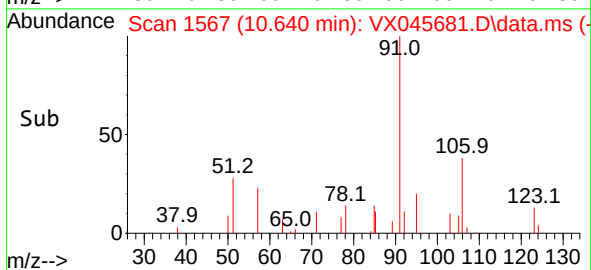
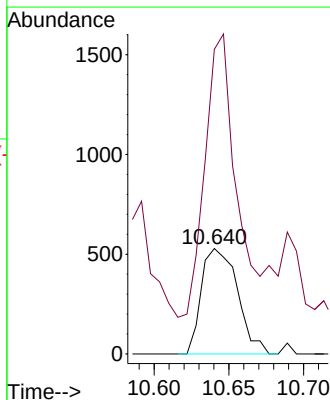
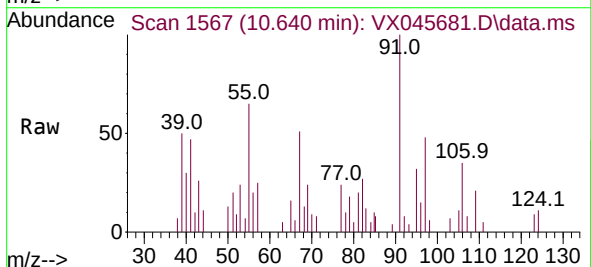
Instrument :
MSVOA_X
ClientSampleId :
MW4

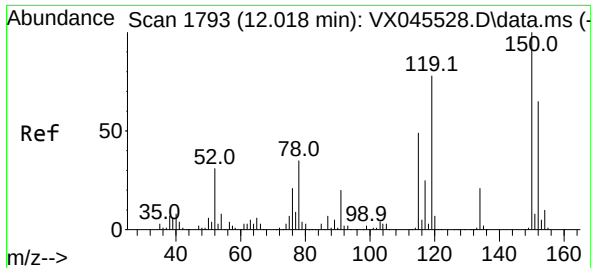
Tgt Ion:106 Resp: 2692
Ion Ratio Lower Upper
106 100
91 236.0 172.6 258.8



#69
o-Xylene
Concen: 0.516 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:106 Resp: 887
Ion Ratio Lower Upper
106 100
91 245.3 113.6 340.6

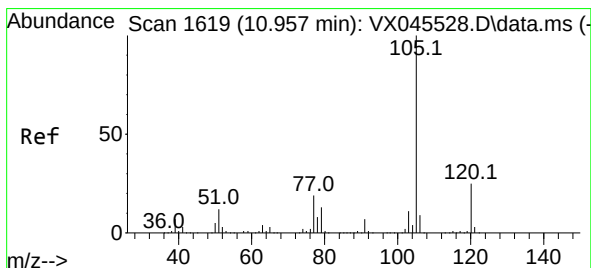
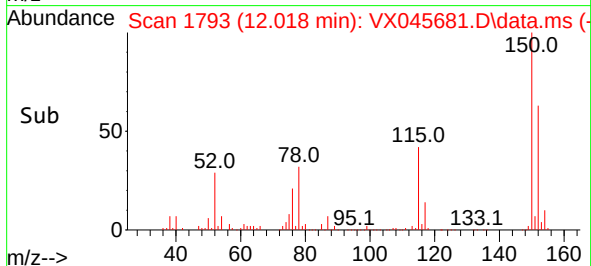
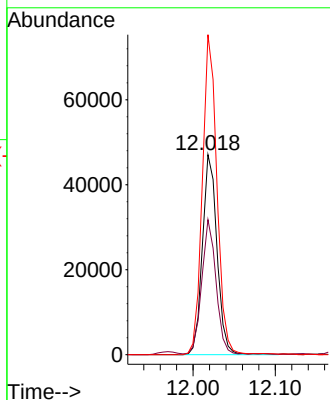
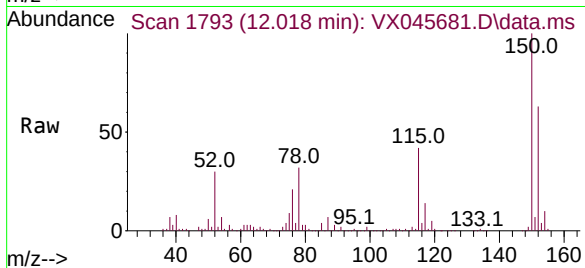




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

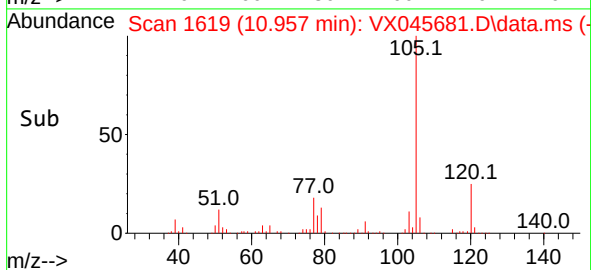
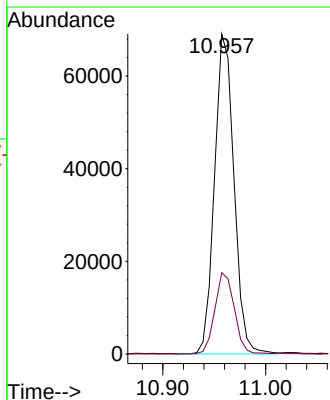
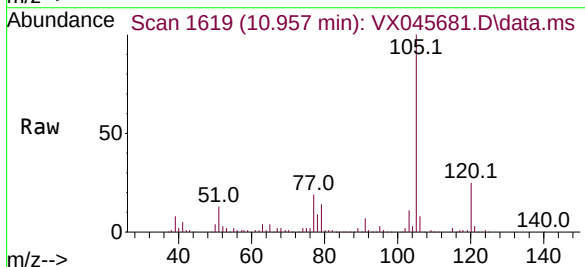
Instrument :
MSVOA_X
ClientSampleId :
MW4

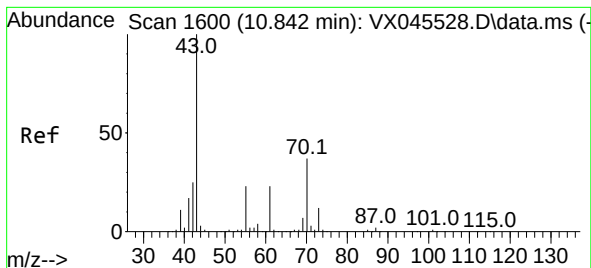
Tgt Ion:152 Resp: 58214
Ion Ratio Lower Upper
152 100
115 65.4 46.9 140.7
150 158.8 0.0 349.4



#73
Isopropylbenzene
Concen: 19.479 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:105 Resp: 90832
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0





#74

N-amy1 acetate

Concen: 0.512 ug/l

RT: 10.854 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

MW4

Tgt Ion: 43 Resp: 1141

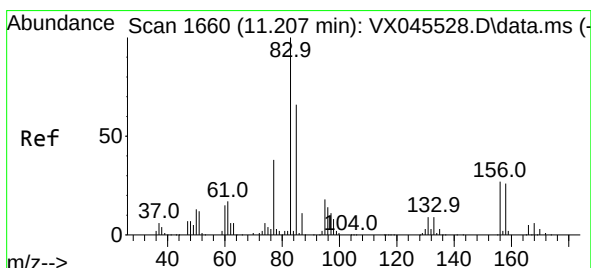
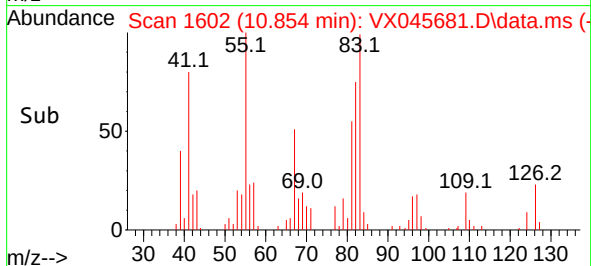
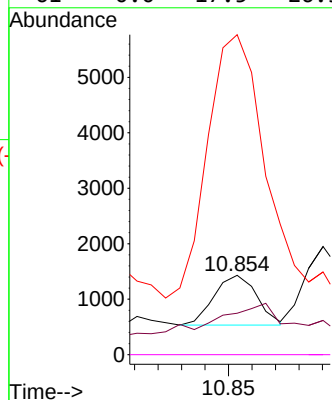
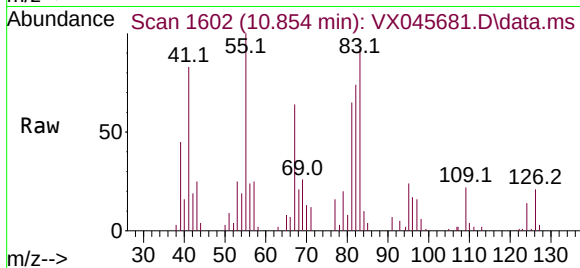
Ion Ratio Lower Upper

43 100

70 174.9 30.1 45.1#

55 936.5 18.3 27.5#

61 0.0 17.5 26.3#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.883 ug/l

RT: 11.219 min Scan# 1662

Delta R.T. 0.012 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

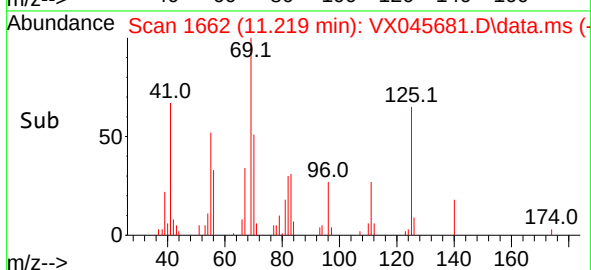
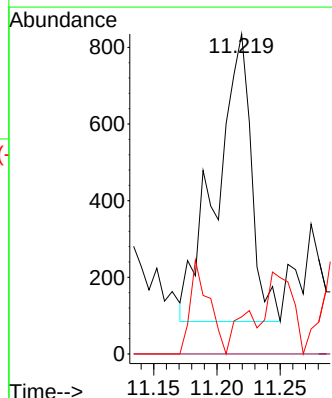
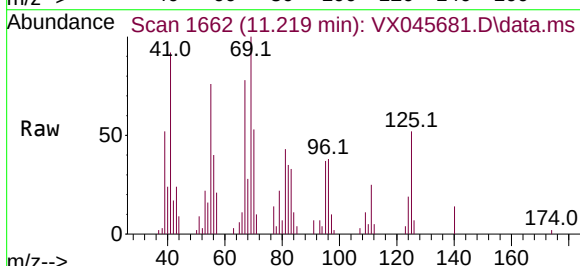
Tgt Ion: 83 Resp: 1446

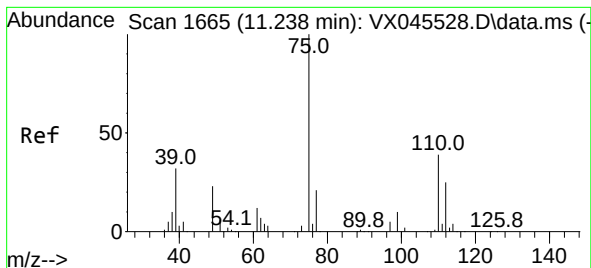
Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 9.2 32.4 97.2#





#76

1,2,3-Trichloropropane

Concen: 2.127 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.061 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

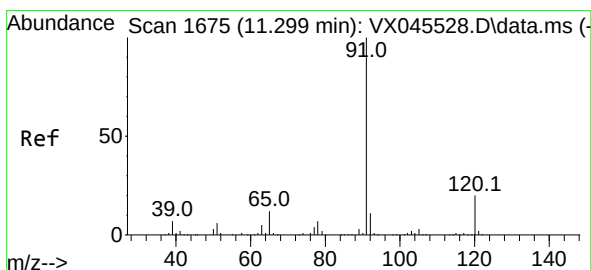
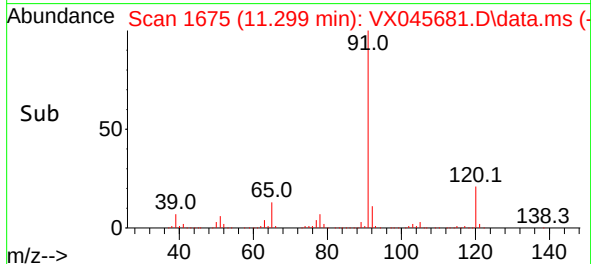
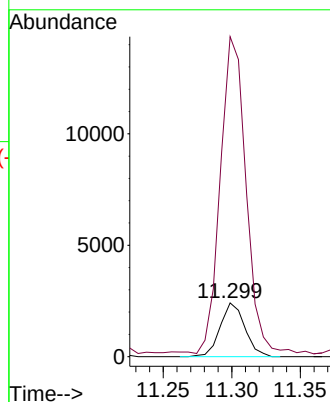
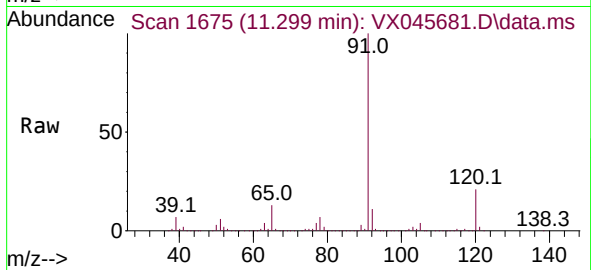
MW4

Tgt Ion: 75 Resp: 3021

Ion Ratio Lower Upper

75 100

77 616.1 20.0 59.9#



#78

n-propylbenzene

Concen: 77.378 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX045681.D

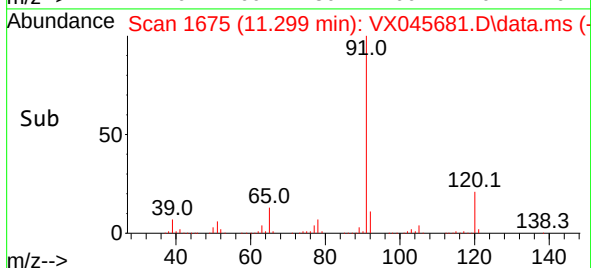
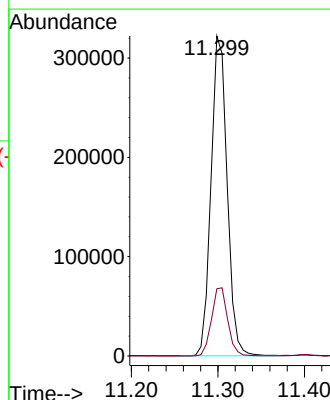
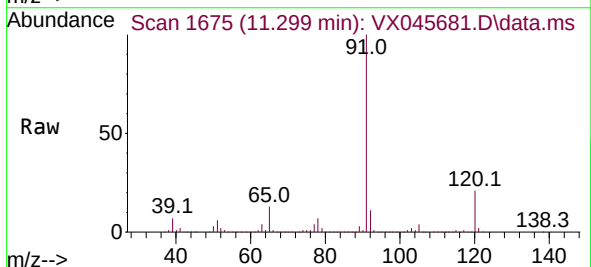
Acq: 09 Apr 2025 17:16

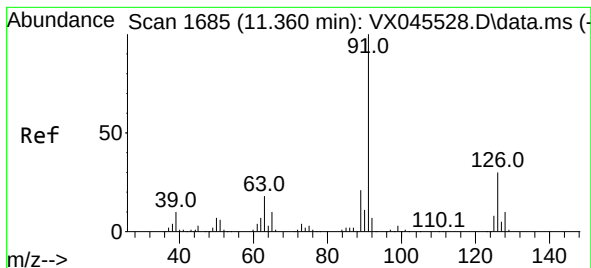
Tgt Ion: 91 Resp: 415596

Ion Ratio Lower Upper

91 100

120 21.4 10.8 32.3





#79

2-Chlorotoluene

Concen: 121.036 ug/l

RT: 11.299 min Scan# 1

Delta R.T. -0.061 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

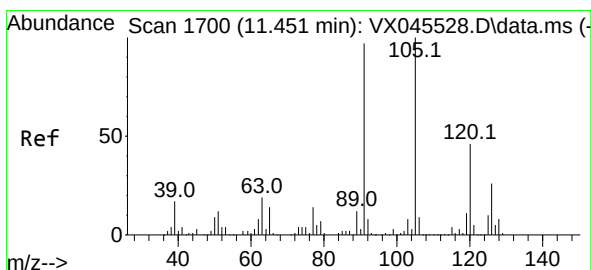
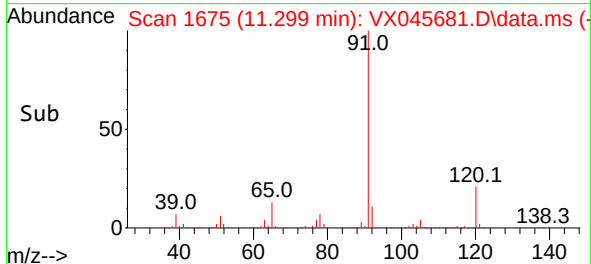
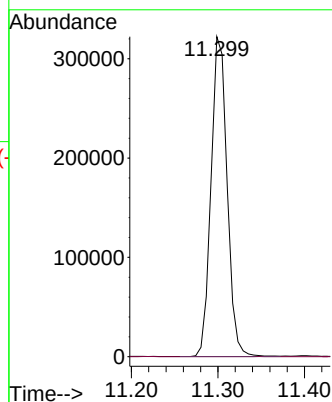
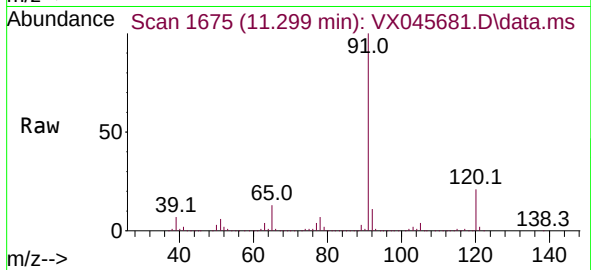
MW4

Tgt Ion: 91 Resp: 415596

Ion Ratio Lower Upper

91 100

126 0.0 15.8 47.4#



#80

1,3,5-Trimethylbenzene

Concen: 5.857 ug/l

RT: 11.610 min Scan# 1726

Delta R.T. 0.158 min

Lab File: VX045681.D

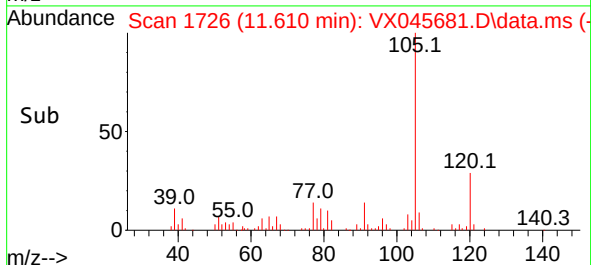
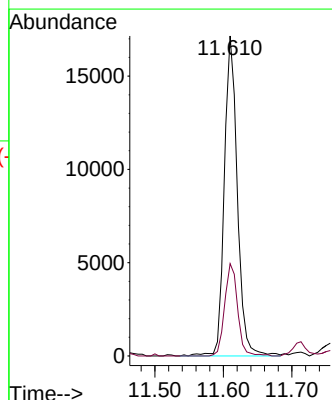
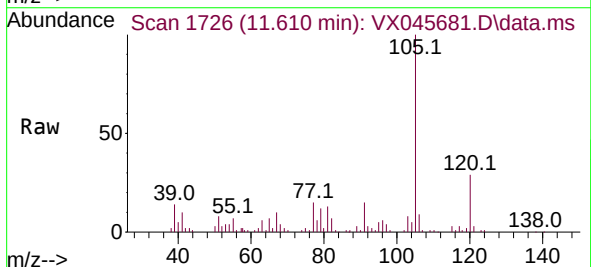
Acq: 09 Apr 2025 17:16

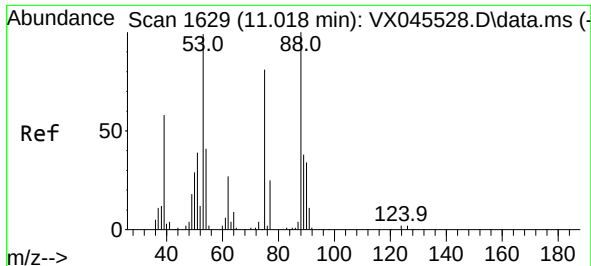
Tgt Ion:105 Resp: 22583

Ion Ratio Lower Upper

105 100

120 28.6 23.0 69.0

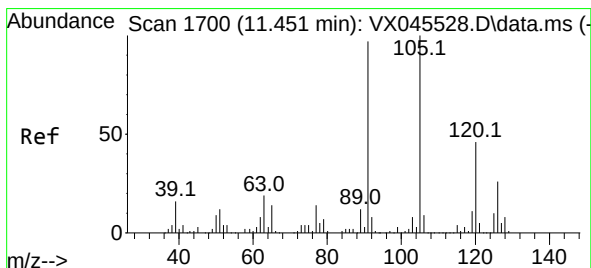
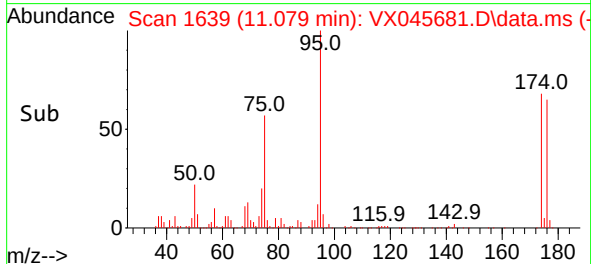
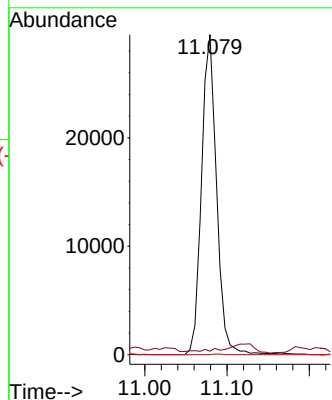
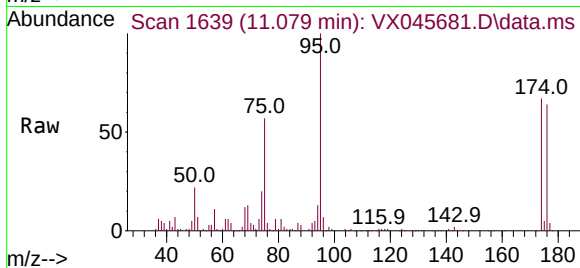




#81
trans-1,4-Dichloro-2-butene
Concen: 90.044 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

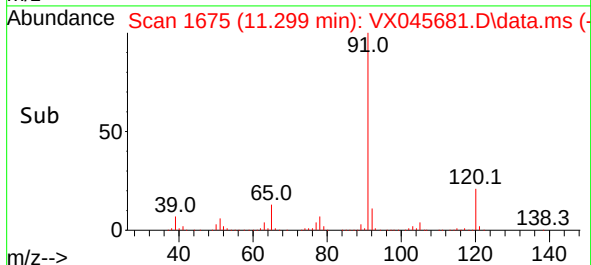
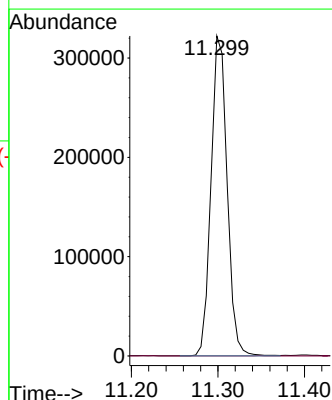
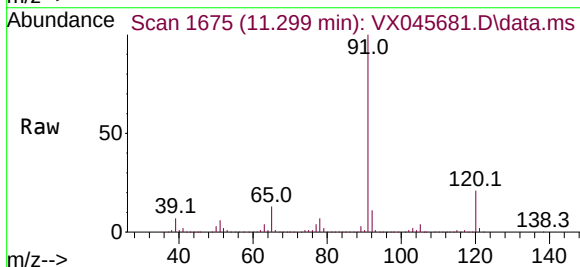
Instrument :
MSVOA_X
ClientSampleId :
MW4

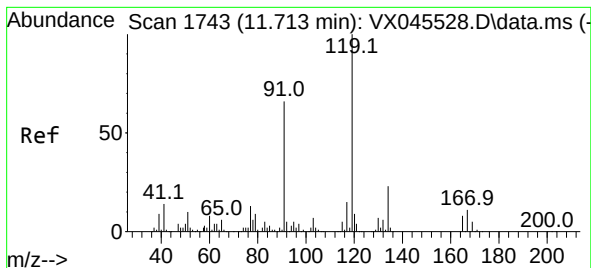
Tgt Ion: 75 Resp: 37674
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 108.558 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.152 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 91 Resp: 415596
Ion Ratio Lower Upper
91 100
126 0.0 13.3 39.9#





#83

tert-Butylbenzene

Concen: 2.687 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

MW4

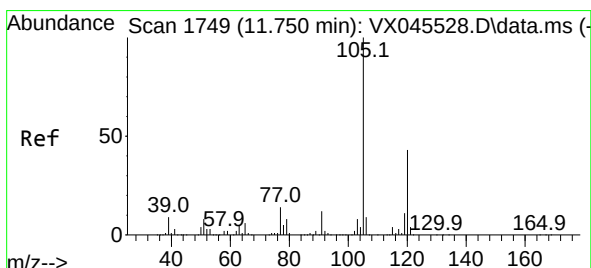
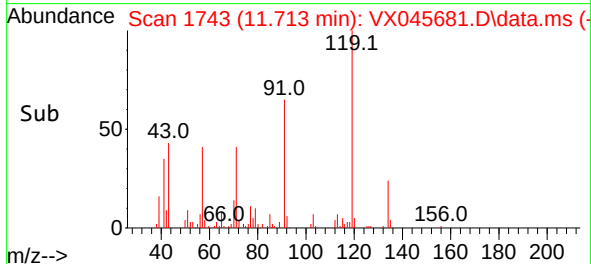
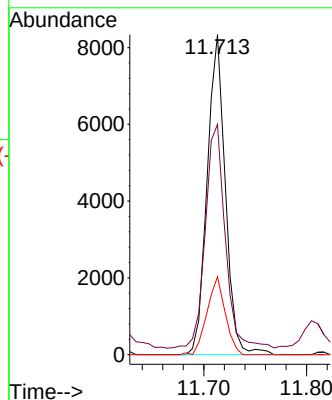
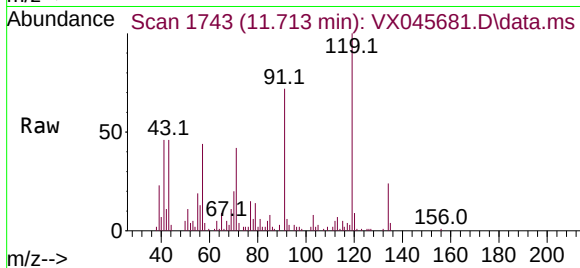
Tgt Ion:119 Resp: 10259

Ion Ratio Lower Upper

119 100

91 76.3 32.4 97.2

134 24.3 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 5.835 ug/l

RT: 11.610 min Scan# 1726

Delta R.T. -0.140 min

Lab File: VX045681.D

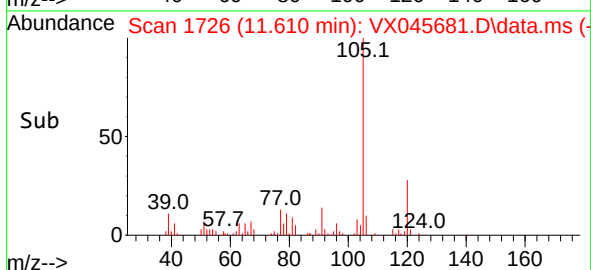
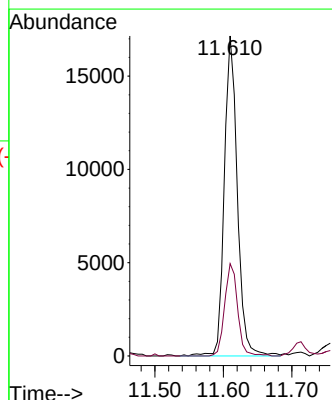
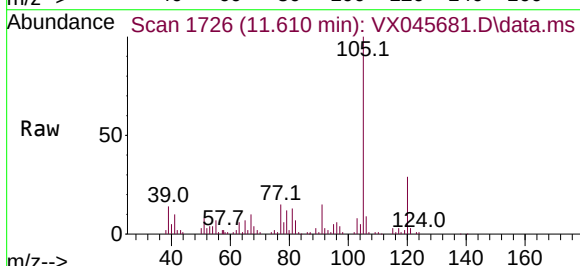
Acq: 09 Apr 2025 17:16

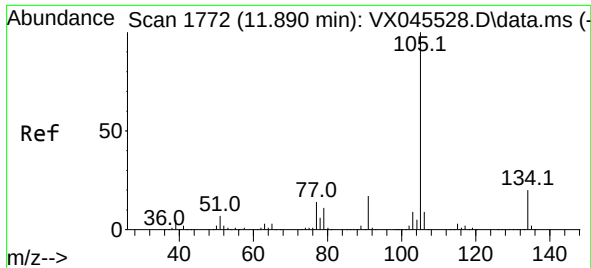
Tgt Ion:105 Resp: 22583

Ion Ratio Lower Upper

105 100

120 28.6 21.4 64.3

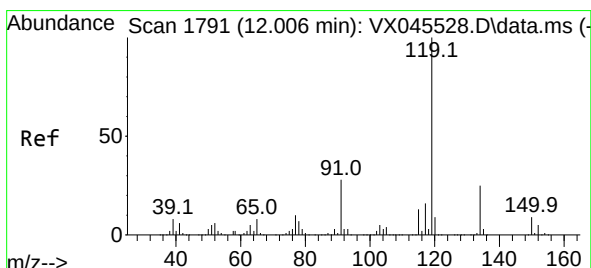
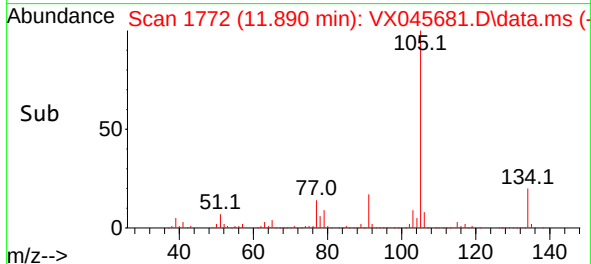
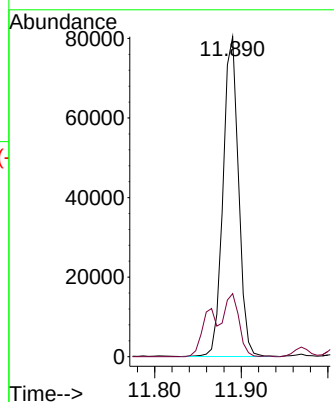
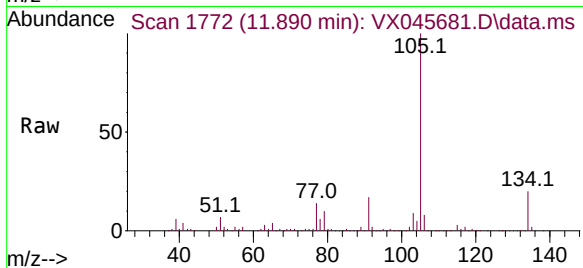




#85
 sec-Butylbenzene
 Concen: 21.245 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045681.D
 Acq: 09 Apr 2025 17:16

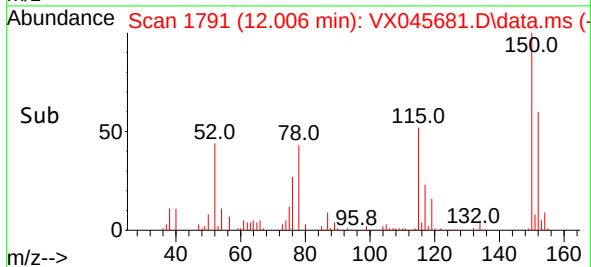
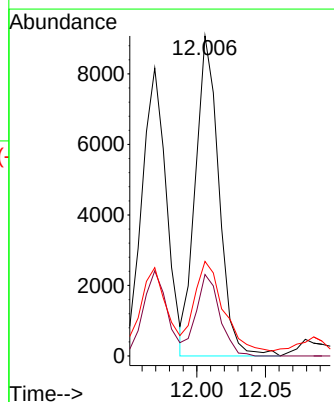
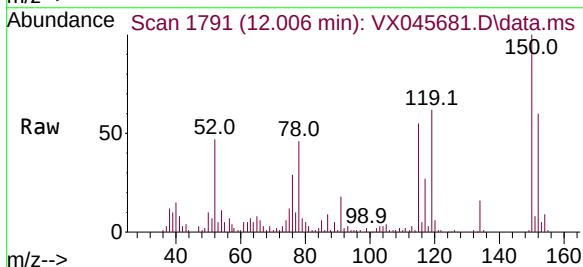
Instrument :
 MSVOA_X
 ClientSampleId :
 MW4

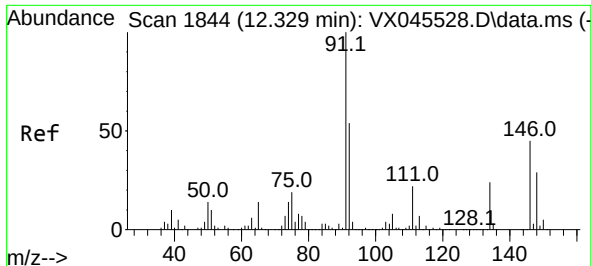
Tgt Ion:105 Resp: 99614
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 2.803 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045681.D
 Acq: 09 Apr 2025 17:16

Tgt Ion:119 Resp: 10835
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 33.8 13.7 41.1





#89

n-Butylbenzene

Concen: 46.435 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

MW4

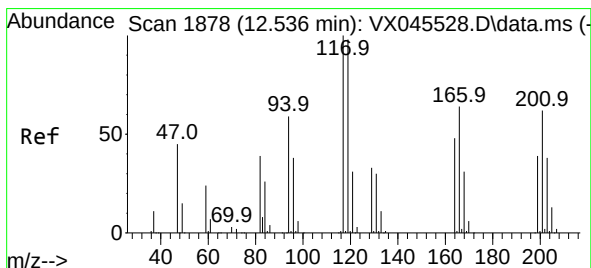
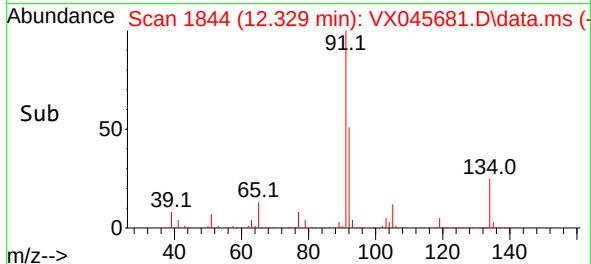
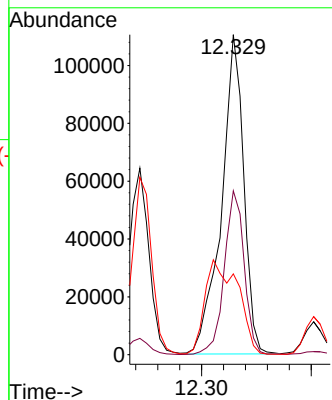
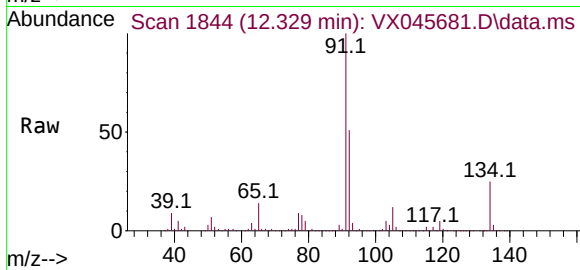
Tgt Ion: 91 Resp: 155654

Ion Ratio Lower Upper

91 100

92 45.9 26.9 80.6

134 44.0 11.9 35.7#



#90

Hexachloroethane

Concen: 105.322 ug/l

RT: 12.609 min Scan# 1890

Delta R.T. 0.073 min

Lab File: VX045681.D

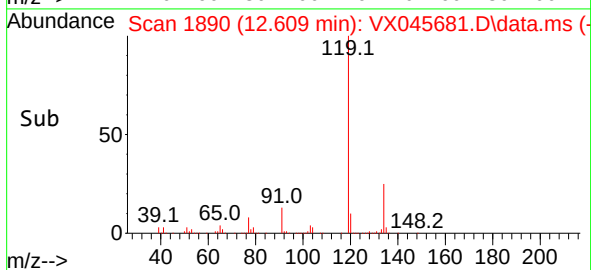
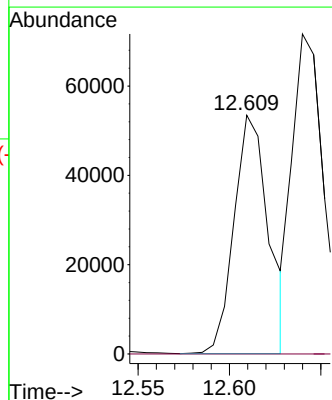
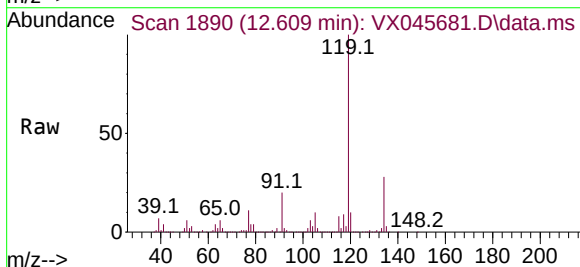
Acq: 09 Apr 2025 17:16

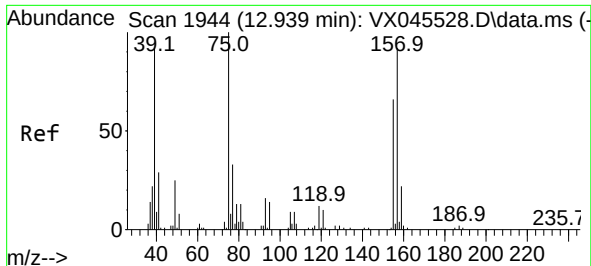
Tgt Ion: 117 Resp: 69969

Ion Ratio Lower Upper

117 100

201 0.0 31.2 93.6#

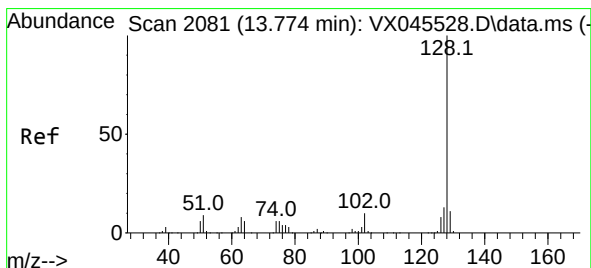
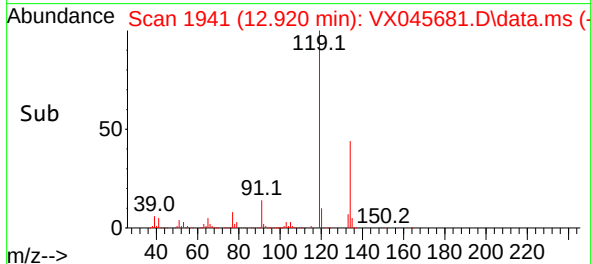
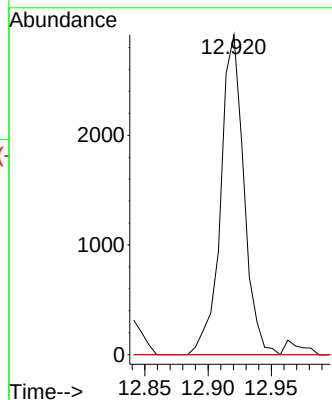
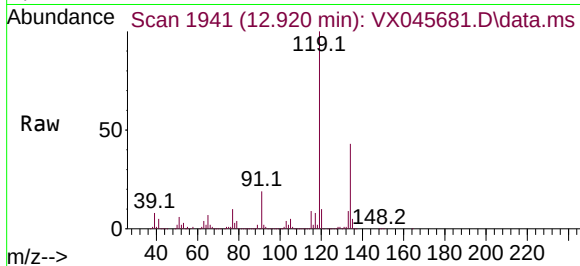




#92
1,2-Dibromo-3-Chloropropane
Concen: 10.847 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.018 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
MW4

Tgt Ion: 75 Resp: 3716
Ion Ratio Lower Upper
75 100
155 0.0 34.9 104.7#
157 0.0 44.9 134.7#



#95
Naphthalene
Concen: 2.801 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 128 Resp: 11315
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 15.6 8.6 12.8#

