

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045682.D
 Acq On : 09 Apr 2025 17:39
 Operator : JC/MD
 Sample : Q1762-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW5

Quant Time: Apr 10 01:37:04 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	5.544	168	66105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55077	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63851	52.818	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.640%	
35) Dibromofluoromethane	5.379	113	46585	50.634	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.260%	
50) Toluene-d8	8.647	98	163312	50.856	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.720%	
62) 4-Bromofluorobenzene	11.079	95	66536	56.883	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.760%	

Target Compounds				Qvalue		
6) Chloroethane	1.636	64	685	1.389	ug/l #	49
11) Tert butyl alcohol	2.971	59	64	0.394	ug/l #	72
13) Acrolein	2.203	56	1326	5.927	ug/l #	1
14) Allyl chloride	2.697	41	3281	2.179	ug/l #	64
15) Acrylonitrile	3.093	53	6397	12.474	ug/l #	39
16) Acetone	2.380	43	27855	56.114	ug/l	98
18) Methyl Acetate	2.776	43	46942	41.073	ug/l #	54
20) Methylene Chloride	2.776	84	423	0.455	ug/l #	1
23) Vinyl Acetate	3.721	43	1411	0.551	ug/l #	74
24) 1,1-Dichloroethane	3.727	63	435	0.259	ug/l #	83
25) 2-Butanone	4.428	43	1940	2.670	ug/l #	52
26) 2,2-Dichloropropane	4.288	77	1853	1.710	ug/l #	55
30) Chloroform	5.148	83	5440	3.152	ug/l #	32
31) Cyclohexane	5.458	56	91795	61.901	ug/l	97
36) 1,1-Dichloropropene	5.544	75	6988	5.625	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8093	6.028	ug/l #	15
39) Methylcyclohexane	7.373	83	113339	74.432	ug/l	94
40) Benzene	6.032	78	54686	14.414	ug/l	98
41) Methacrylonitrile	4.940	41	1396	1.690	ug/l #	52
43) Isopropyl Acetate	6.349	43	3952	1.666	ug/l #	64
45) 1,2-Dichloropropane	7.373	63	1685	1.780	ug/l #	1
46) Dibromomethane	7.537	93	147	0.202	ug/l #	1
47) Bromodichloromethane	7.763	83	1018	0.702	ug/l #	95
48) Methyl methacrylate	7.647	41	14004	11.431	ug/l #	62
51) 4-Methyl-2-Pentanone	8.592	43	2551	1.622	ug/l #	39
52) Toluene	8.714	92	5603	2.441	ug/l	95
53) t-1,3-Dichloropropene	8.726	75	23	2.305	ug/l #	43
55) 1,1,2-Trichloroethane	9.098	97	13119	14.341	ug/l #	17
56) Ethyl methacrylate	9.098	69	3221	2.275	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.196	63	352	0.491	ug/l #	49
67) Ethyl Benzene	10.195	91	9335	2.014	ug/l	99
68) m/p-Xylenes	10.299	106	6369	3.778	ug/l	91
69) o-Xylene	10.640	106	2384	1.435	ug/l	89
73) Isopropylbenzene	10.957	105	122812	27.838	ug/l	100
74) N-amyl acetate	10.854	43	522	0.247	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.214	83	786	0.507	ug/l #	31

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 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

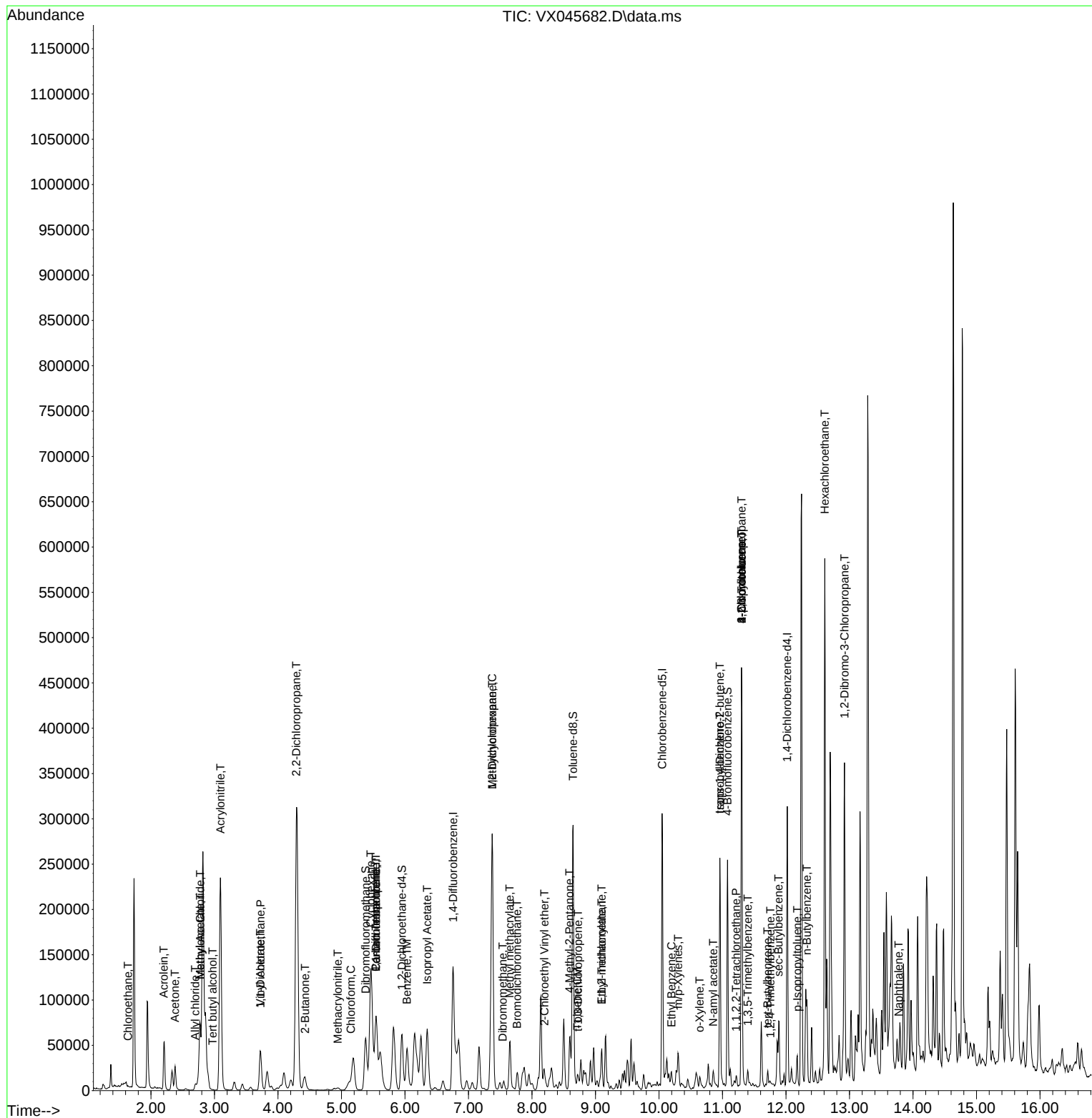
76) 1,2,3-Trichloropropane	11.299	75	2242	1.669	ug/l #	1
78) n-propylbenzene	11.299	91	280633	55.226	ug/l	100
79) 2-Chlorotoluene	11.299	91	280633	86.385	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.396	105	8041	2.204	ug/l	74
81) trans-1,4-Dichloro-2-b...	10.957	75	1789	4.519	ug/l #	67
82) 4-Chlorotoluene	11.299	91	280633	77.479	ug/l #	48
83) tert-Butylbenzene	11.707	119	4642	1.285	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1605	0.438	ug/l	89
85) sec-Butylbenzene	11.884	105	36522	8.233	ug/l	98
86) p-Isopropyltoluene	12.177	119	13313	3.640	ug/l	98
89) n-Butylbenzene	12.329	91	40738	12.845	ug/l #	81
90) Hexachloroethane	12.610	117	24467	38.927	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	12.921	75	1565	4.829	ug/l #	10
95) Naphthalene	13.774	128	5243	1.372	ug/l #	75

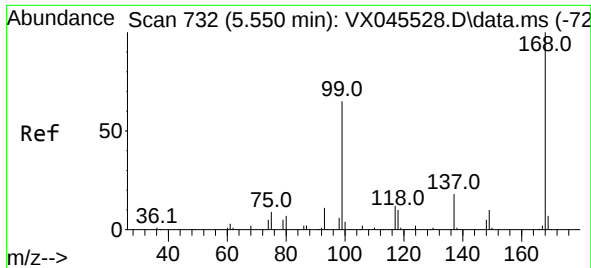
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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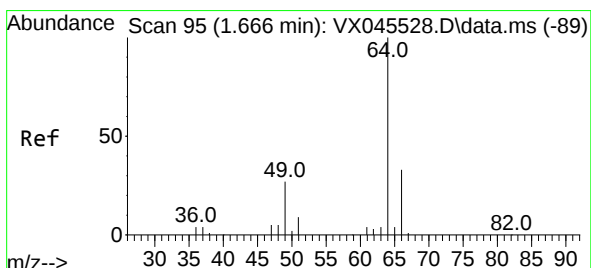
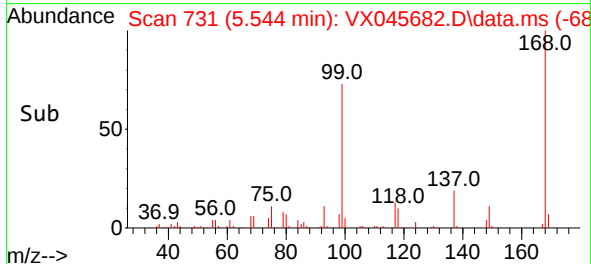
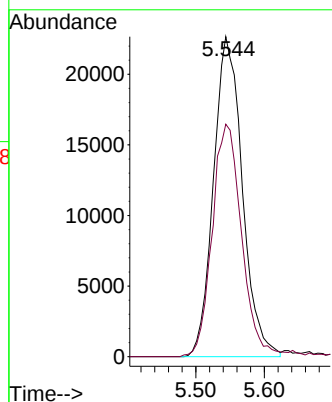
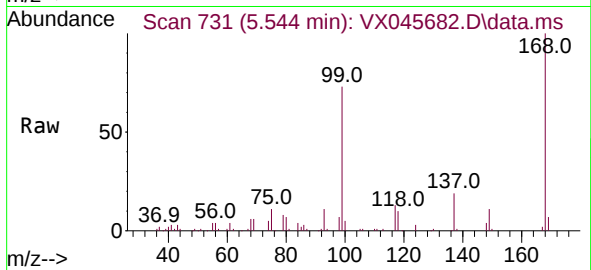




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

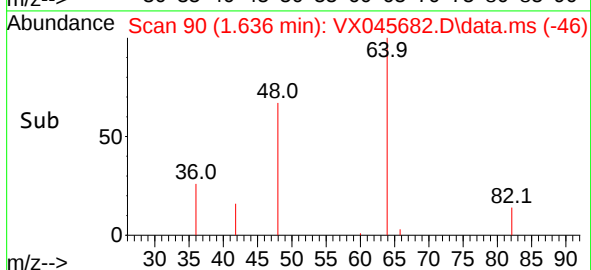
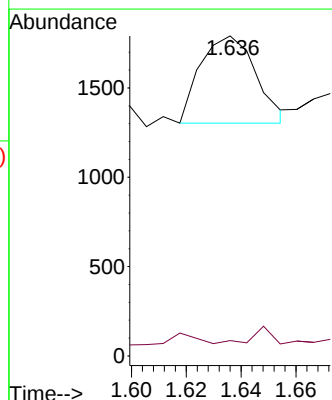
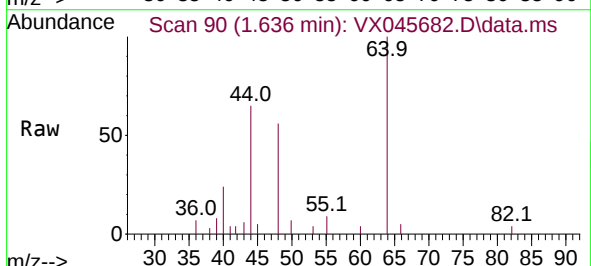
Instrument :
MSVOA_X
ClientSampleId :
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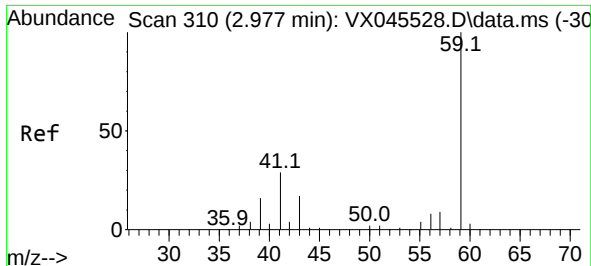
Tgt Ion:168 Resp: 66105
Ion Ratio Lower Upper
168 100
99 72.6 52.3 78.5



#6
Chloroethane
Concen: 1.389 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.030 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 64 Resp: 685
Ion Ratio Lower Upper
64 100
66 3.9 26.3 39.5#

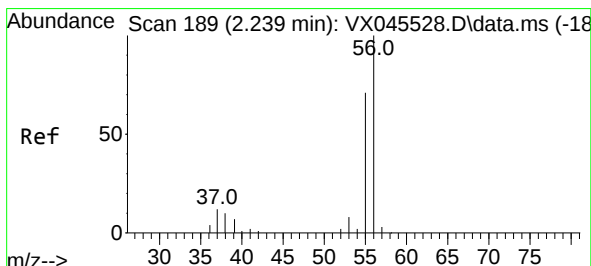
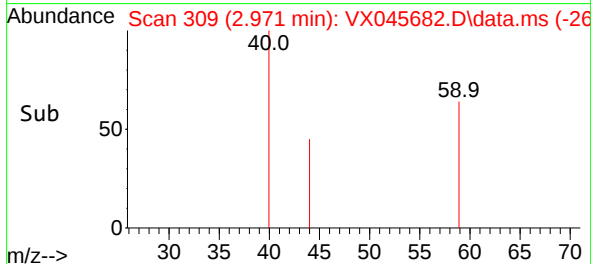
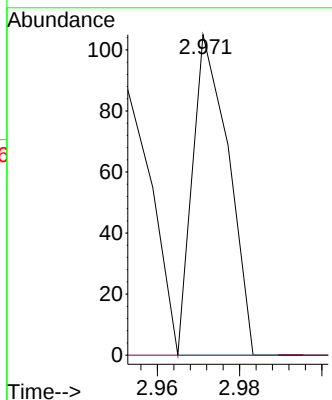
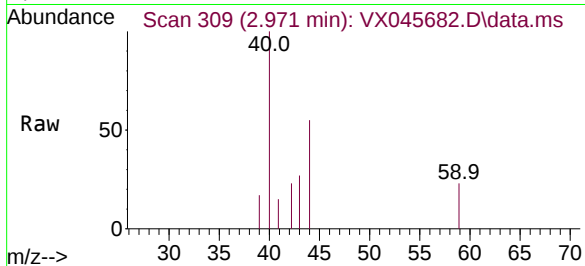




#11
Tert butyl alcohol
Concen: 0.394 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

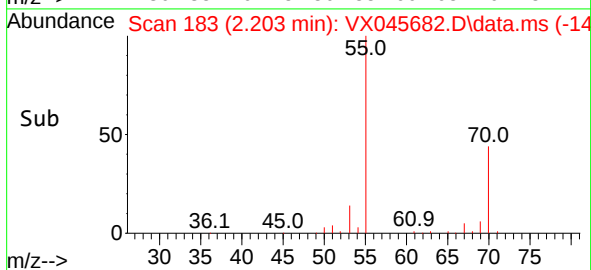
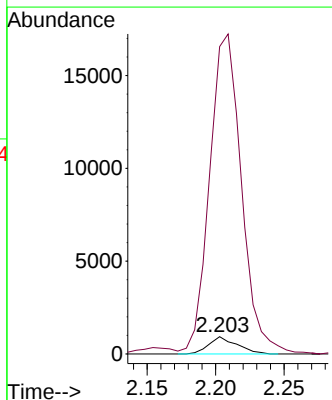
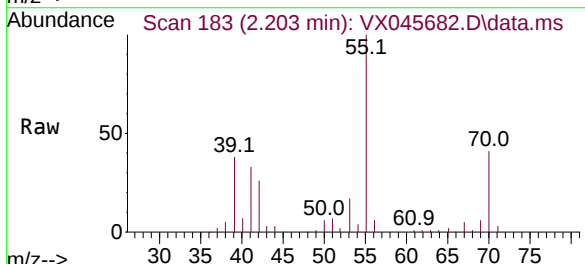
Instrument :
MSVOA_X
ClientSampleId :
MW5

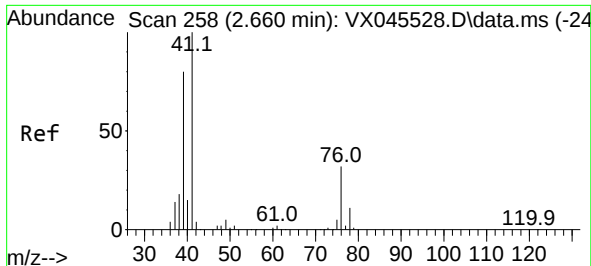
Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 5.927 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.036 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 56 Resp: 1326
Ion Ratio Lower Upper
56 100
55 2109.0 56.2 84.2#

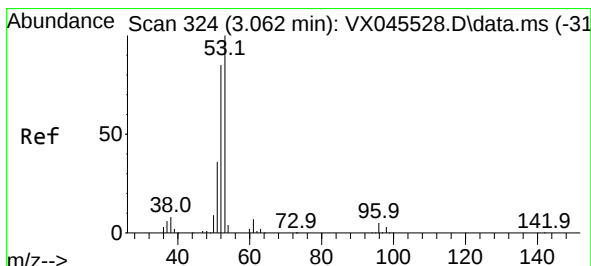
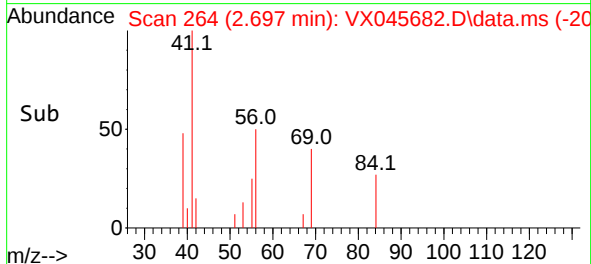
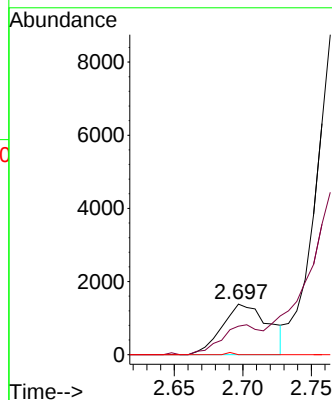
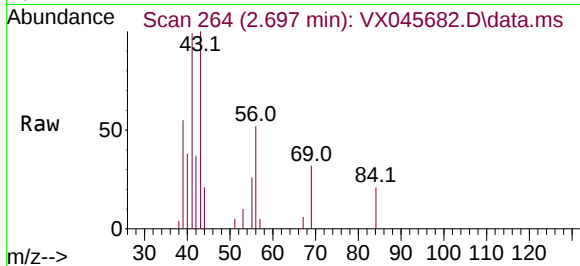




#14
 Allyl chloride
 Concen: 2.179 ug/l
 RT: 2.697 min Scan# 214
 Delta R.T. 0.037 min
 Lab File: VX045682.D
 Acq: 09 Apr 2025 17:39

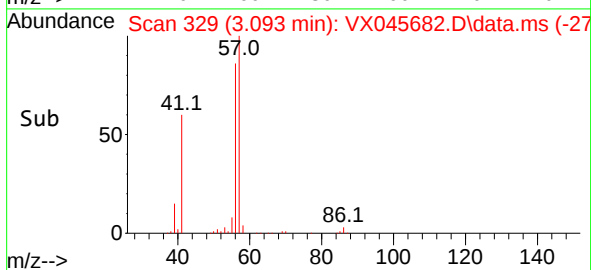
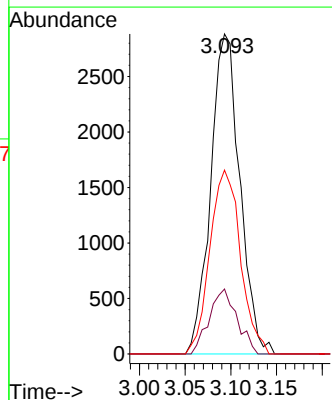
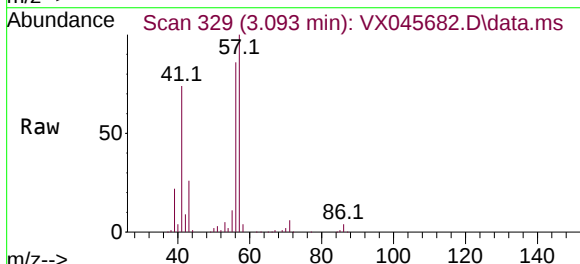
Instrument :
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 ClientSampleId :
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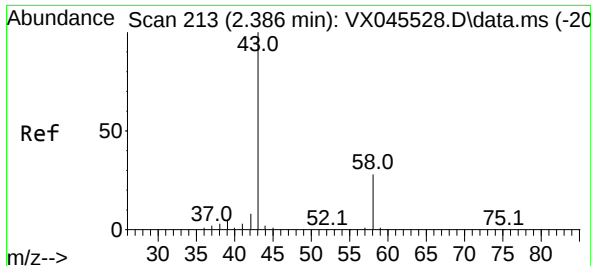
Tgt Ion: 41 Resp: 3281
 Ion Ratio Lower Upper
 41 100
 39 50.5 60.2 90.2#
 76 0.7 24.6 36.8#



#15
 Acrylonitrile
 Concen: 12.474 ug/l
 RT: 3.093 min Scan# 329
 Delta R.T. 0.031 min
 Lab File: VX045682.D
 Acq: 09 Apr 2025 17:39

Tgt Ion: 53 Resp: 6397
 Ion Ratio Lower Upper
 53 100
 52 19.4 67.4 101.2#
 51 60.3 29.9 44.9#

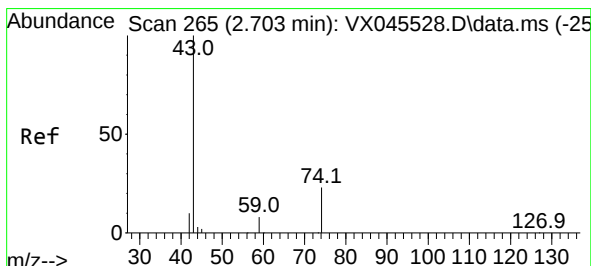
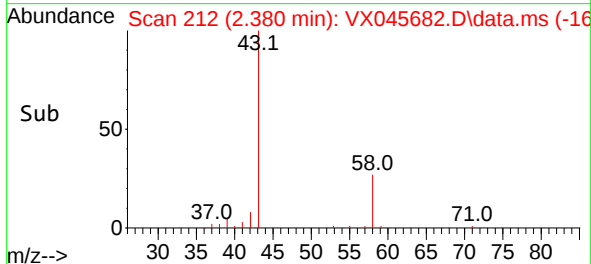
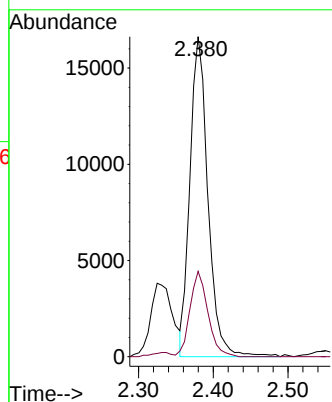
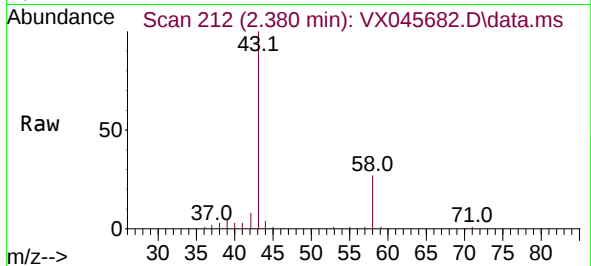




#16
Acetone
Concen: 56.114 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

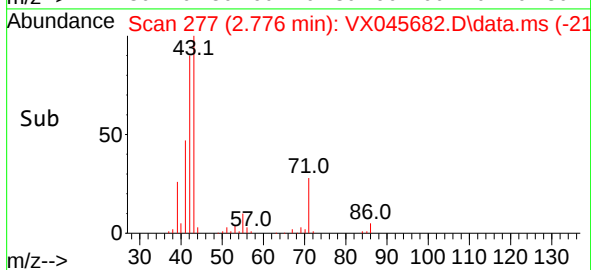
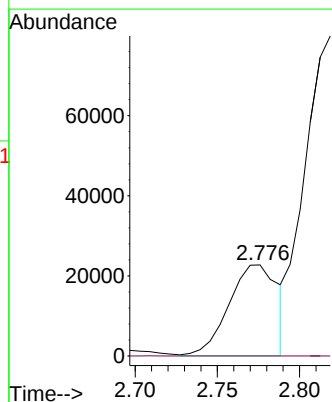
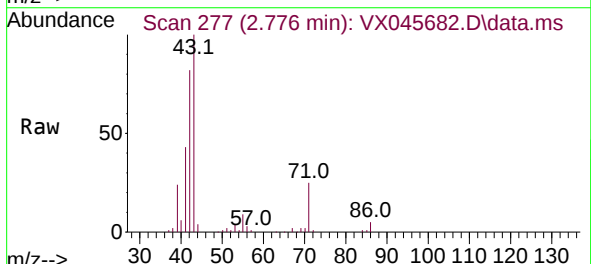
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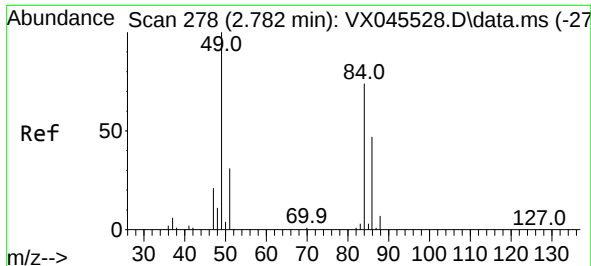
Tgt Ion: 43 Resp: 27855
Ion Ratio Lower Upper
43 100
58 26.7 22.3 33.5



#18
Methyl Acetate
Concen: 41.073 ug/l
RT: 2.776 min Scan# 277
Delta R.T. 0.073 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 43 Resp: 46942
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

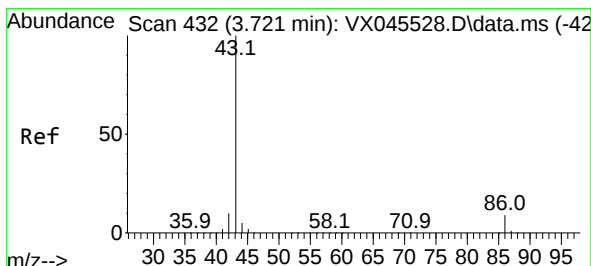
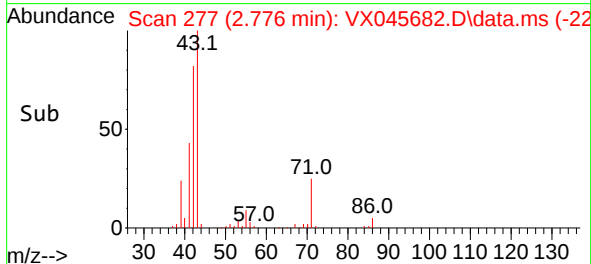
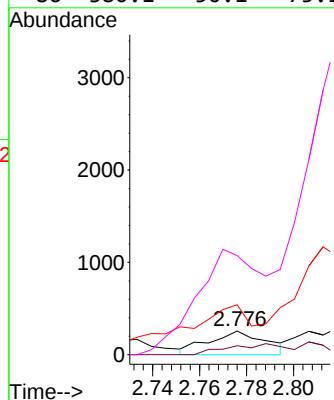
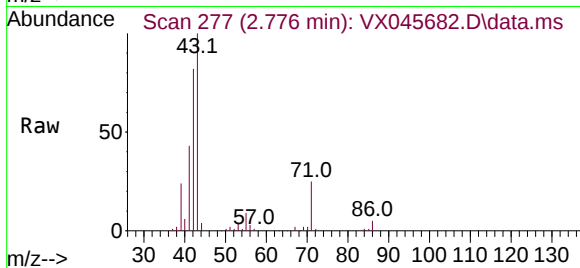




#20
Methylene Chloride
Concen: 0.455 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045682.D
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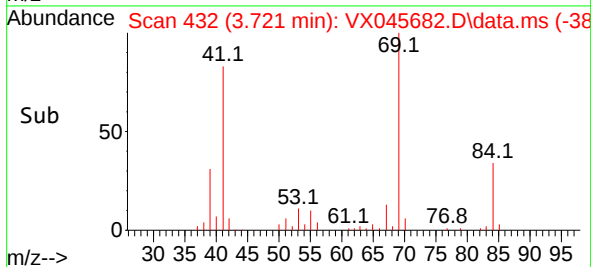
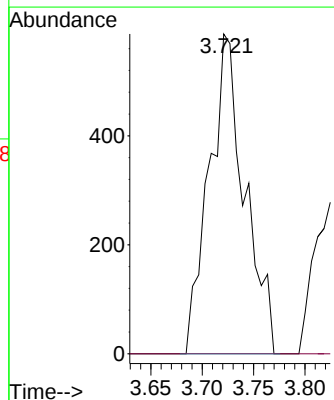
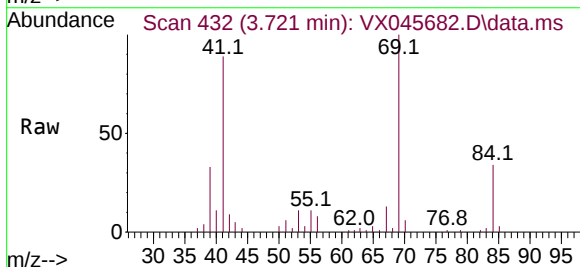
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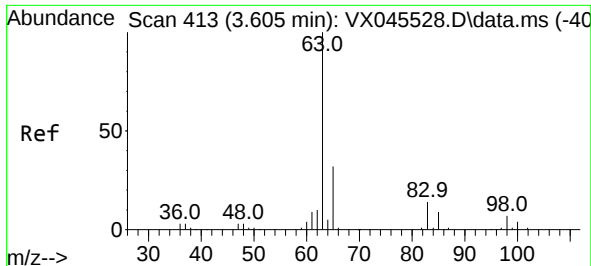
Tgt Ion: 84 Resp: 423
Ion Ratio Lower Upper
84 100
49 49.5 107.5 161.3#
51 121.9 33.0 49.6#
86 380.1 50.1 75.1#



#23
Vinyl Acetate
Concen: 0.551 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 43 Resp: 1411
Ion Ratio Lower Upper
43 100
86 0.0 7.5 11.3#

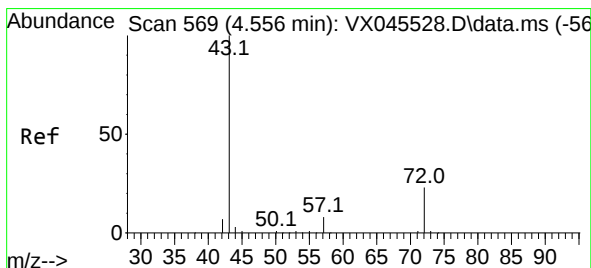
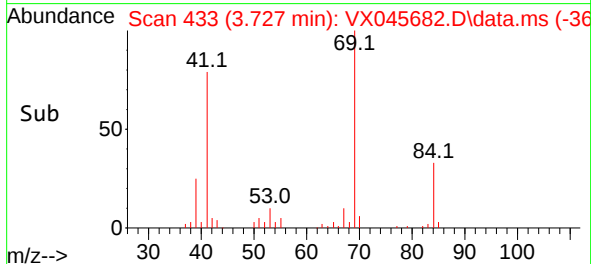
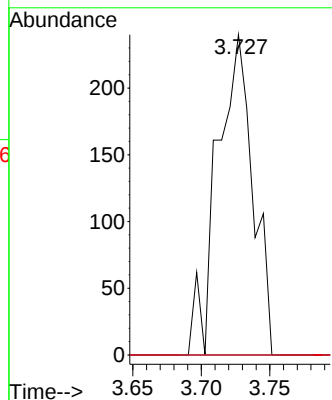
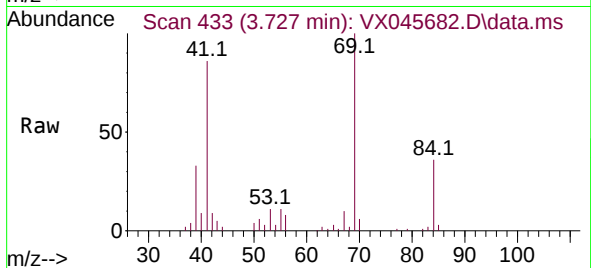




#24
1,1-Dichloroethane
Concen: 0.259 ug/l
RT: 3.727 min Scan# 413
Delta R.T. 0.122 min
Lab File: VX045682.D
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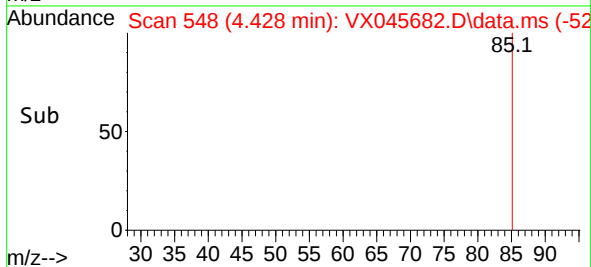
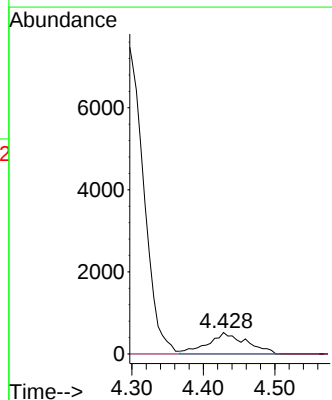
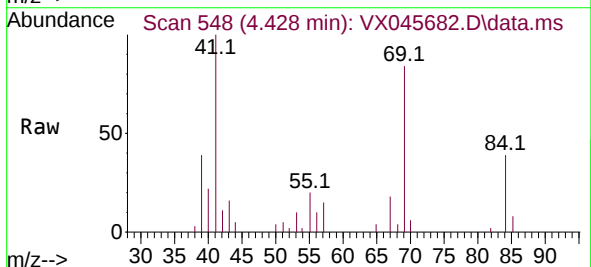
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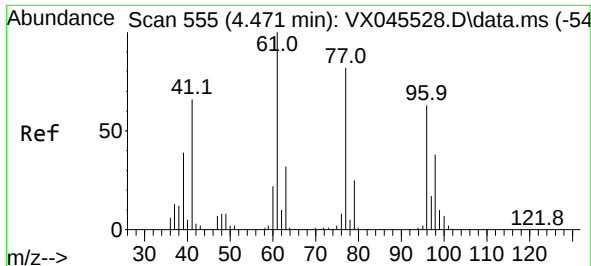
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Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.1#
100 0.0 2.2 6.6#



#25
2-Butanone
Concen: 2.670 ug/l
RT: 4.428 min Scan# 548
Delta R.T. -0.128 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 43 Resp: 1940
Ion Ratio Lower Upper
43 100
72 0.0 18.6 28.0#





#26

2,2-Dichloropropane

Concen: 1.710 ug/l

RT: 4.288 min Scan# 51

Delta R.T. -0.183 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

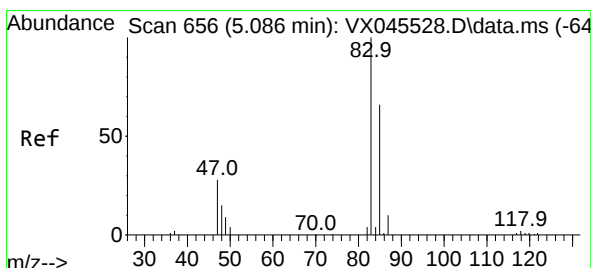
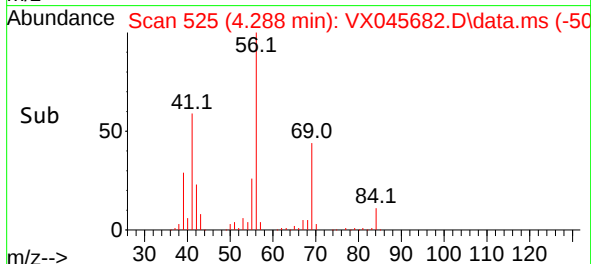
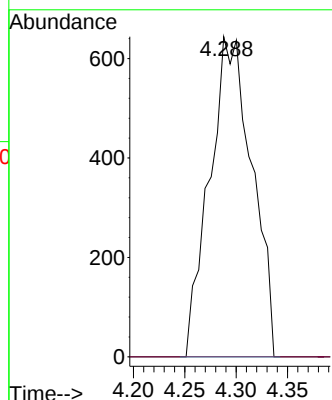
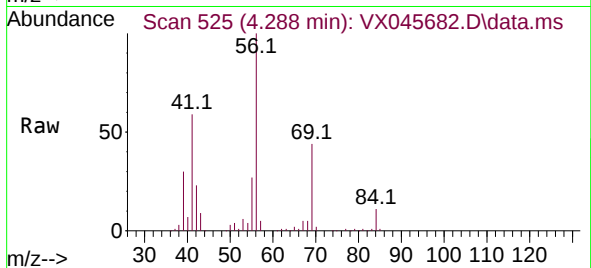
MW5

Tgt Ion: 77 Resp: 1853

Ion Ratio Lower Upper

77 100

97 0.0 10.6 31.8#



#30

Chloroform

Concen: 3.152 ug/l

RT: 5.148 min Scan# 666

Delta R.T. 0.061 min

Lab File: VX045682.D

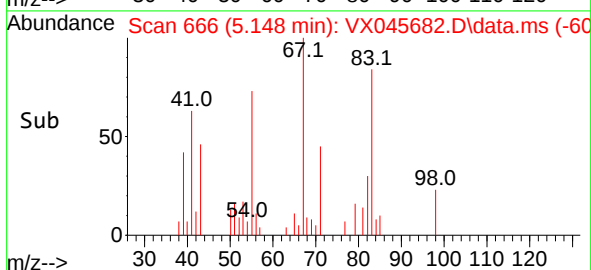
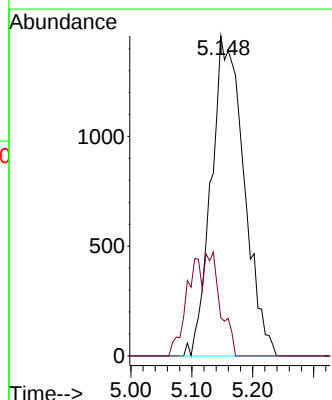
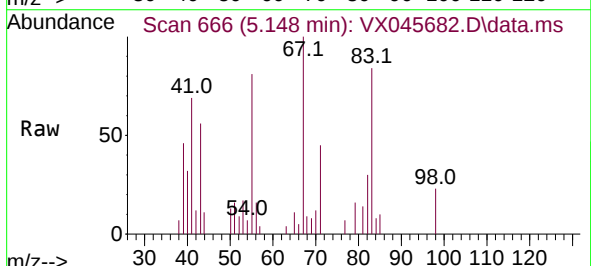
Acq: 09 Apr 2025 17:39

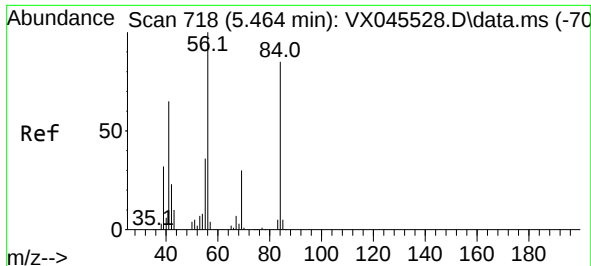
Tgt Ion: 83 Resp: 5440

Ion Ratio Lower Upper

83 100

85 11.9 52.8 79.2#

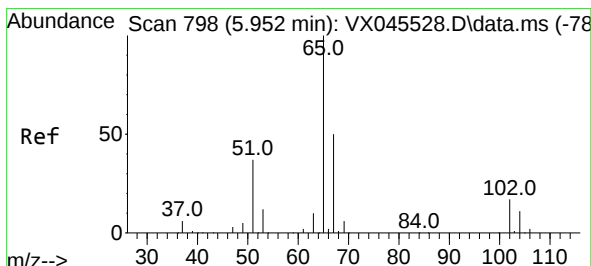
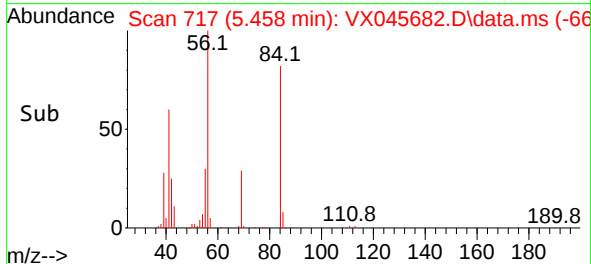
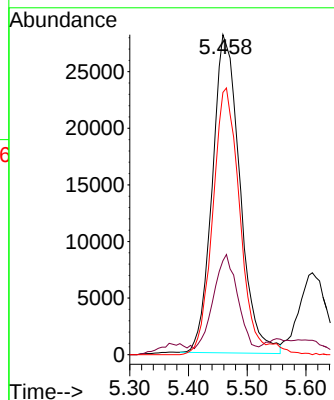
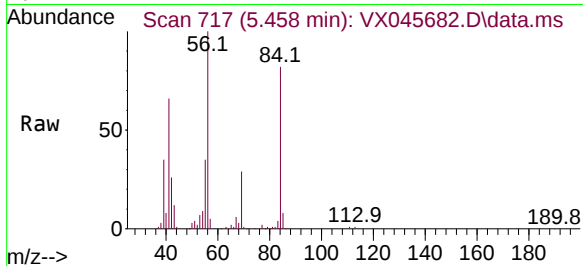




#31
Cyclohexane
Concen: 61.901 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

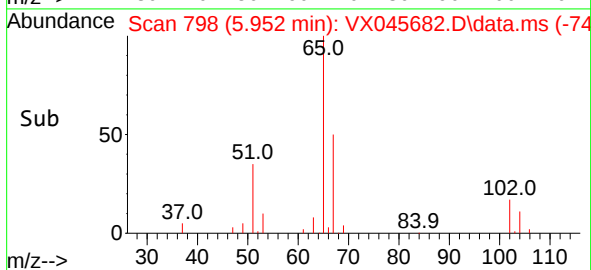
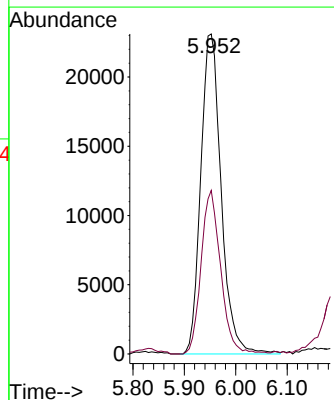
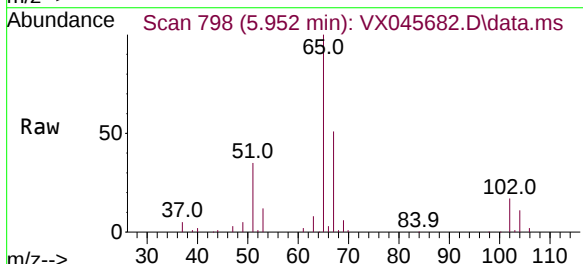
Instrument :
MSVOA_X
ClientSampleId :
MW5

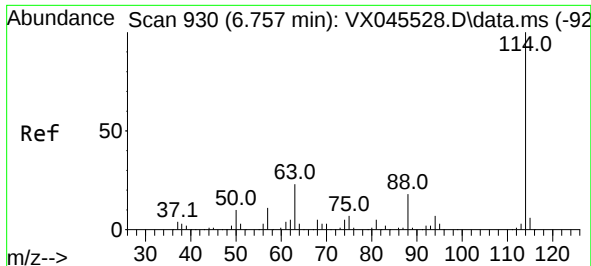
Tgt Ion: 56 Resp: 91795
Ion Ratio Lower Upper
56 100
69 26.1 23.6 35.4
84 82.6 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 52.818 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 65 Resp: 63851
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

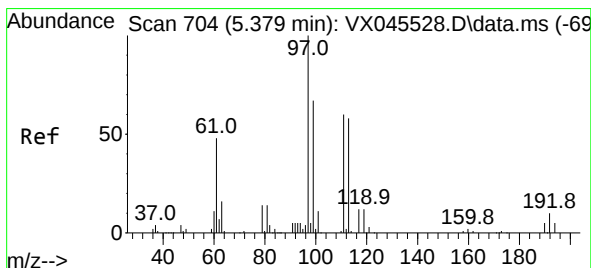
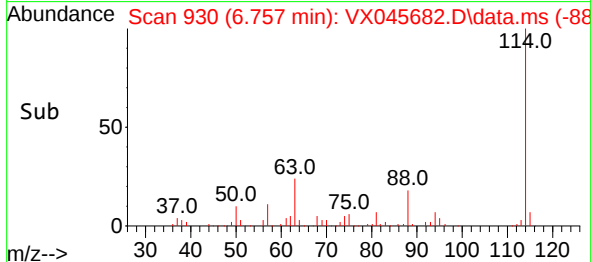
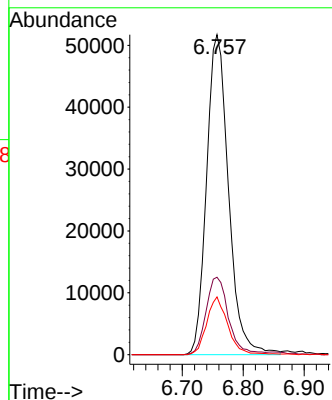
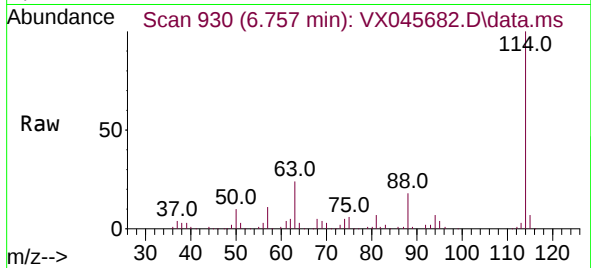




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

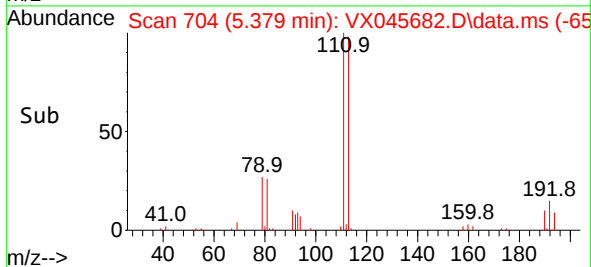
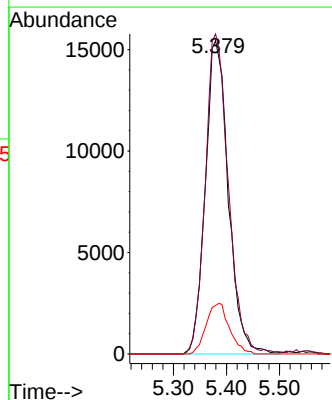
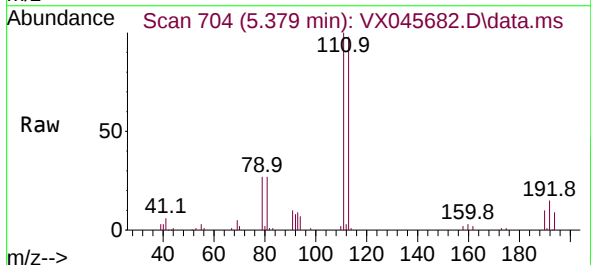
Instrument :
MSVOA_X
ClientSampleId :
MW5

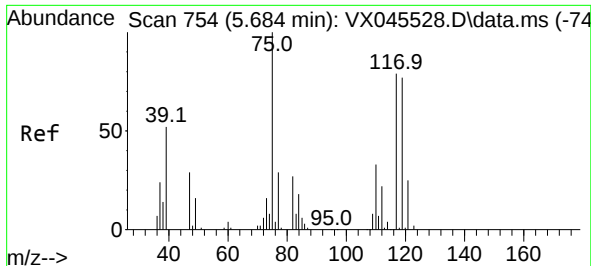
Tgt Ion:114 Resp: 129673
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.8
88 18.0 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.634 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion:113 Resp: 46585
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 16.3 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.625 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW5

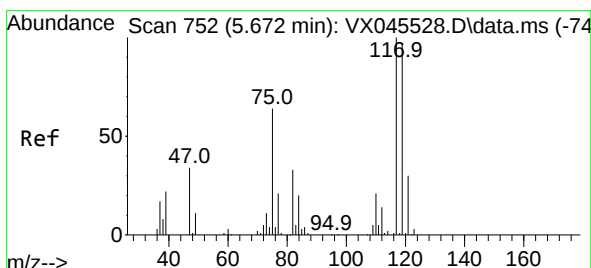
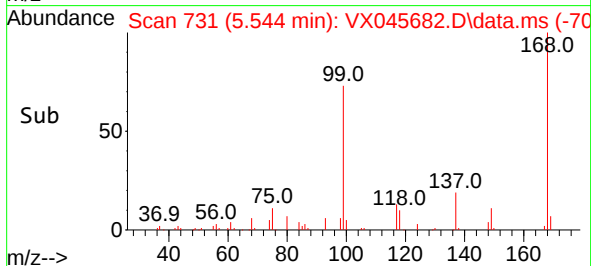
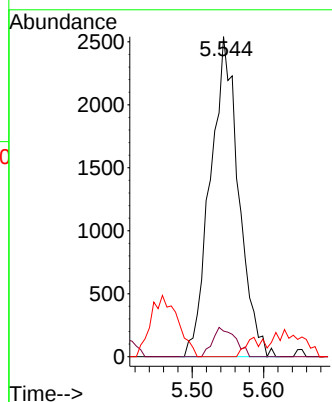
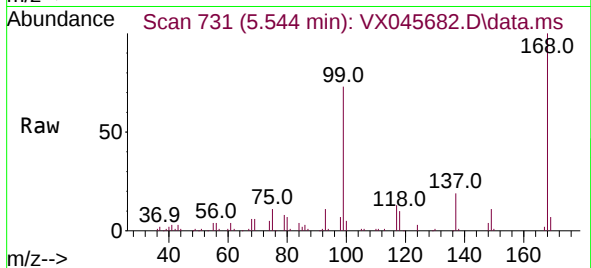
Tgt Ion: 75 Resp: 6988

Ion Ratio Lower Upper

75 100

110 7.3 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.028 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

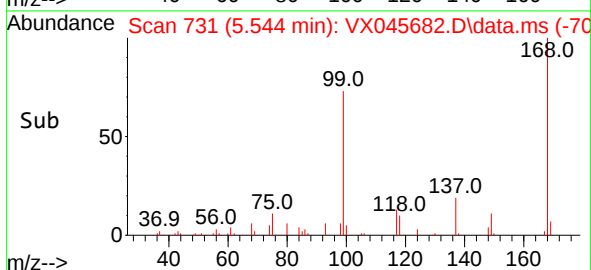
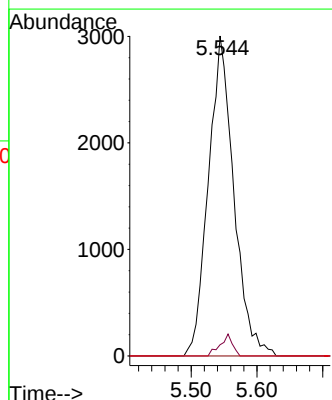
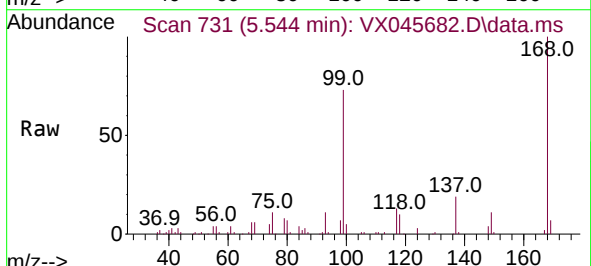
Tgt Ion: 117 Resp: 8093

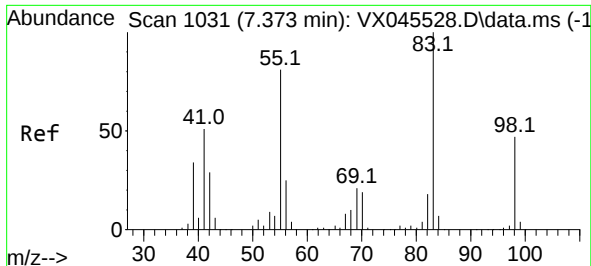
Ion Ratio Lower Upper

117 100

119 3.5 76.9 115.3#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 74.432 ug/l

RT: 7.373 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW5

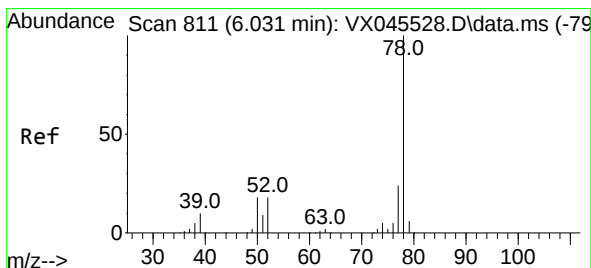
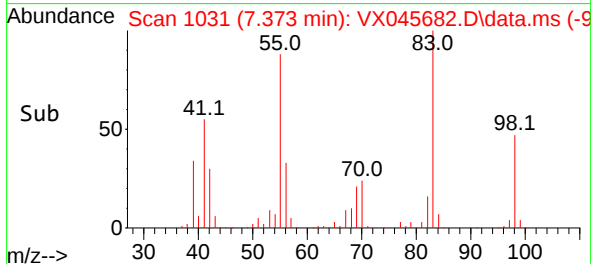
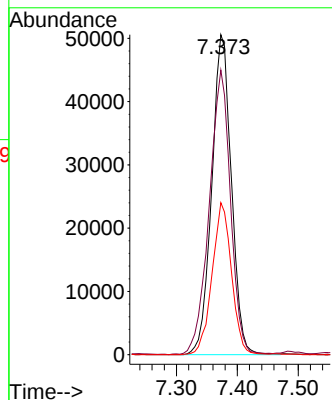
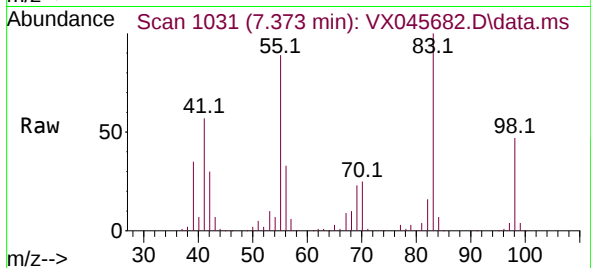
Tgt Ion: 83 Resp: 113339

Ion Ratio Lower Upper

83 100

55 88.8 64.9 97.3

98 47.5 37.4 56.0



#40

Benzene

Concen: 14.414 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045682.D

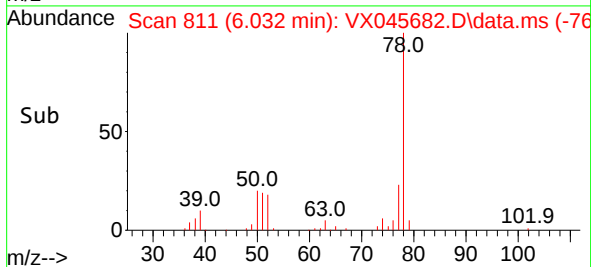
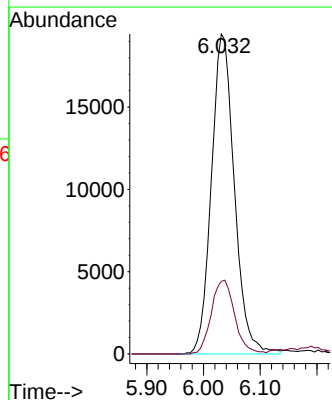
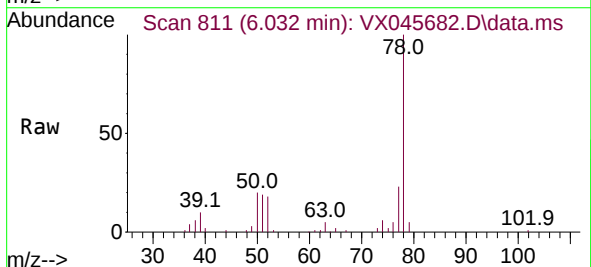
Acq: 09 Apr 2025 17:39

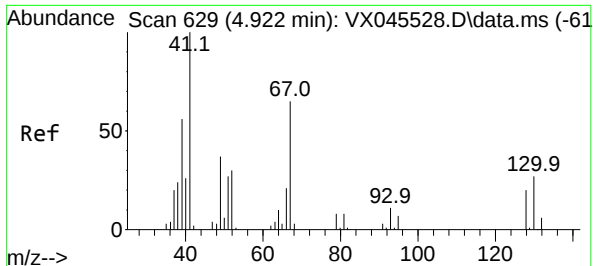
Tgt Ion: 78 Resp: 54686

Ion Ratio Lower Upper

78 100

77 22.7 19.0 28.6

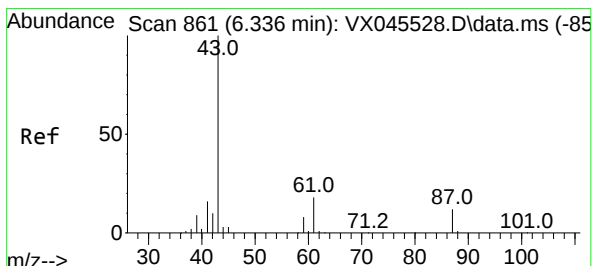
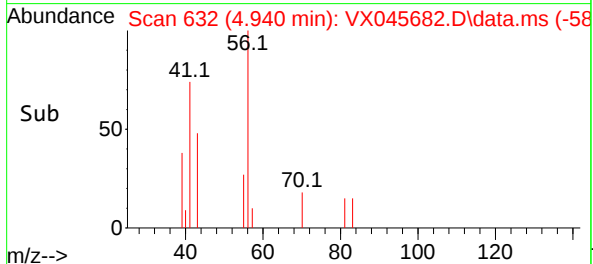
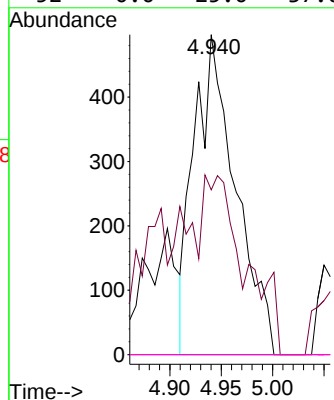
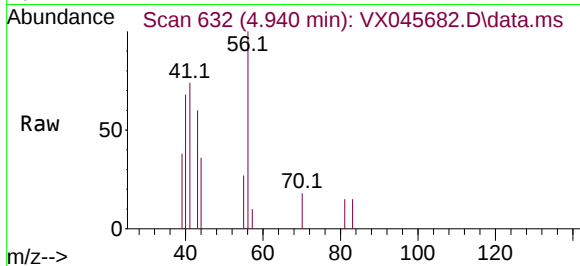




#41
Methacrylonitrile
Concen: 1.690 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

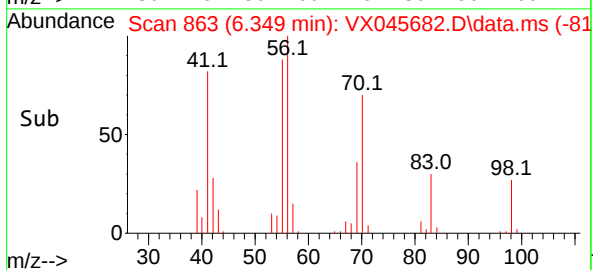
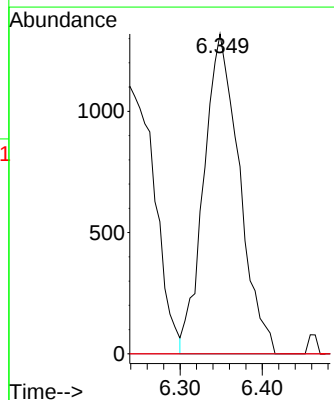
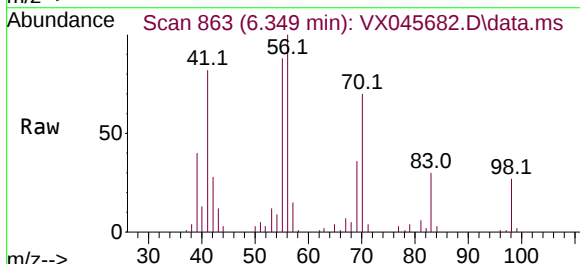
Instrument :
MSVOA_X
ClientSampleId :
MW5

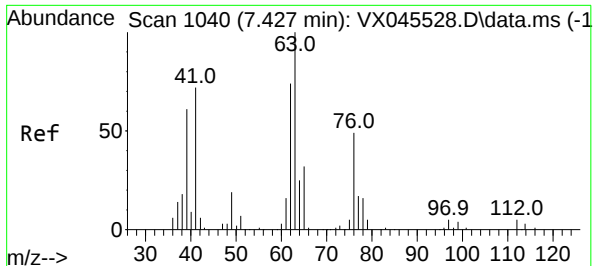
Tgt Ion: 41	Resp: 1396
Ion Ratio	Lower Upper
41 100	
39 56.3	47.0 70.6
67 0.0	53.2 79.8#
52 0.0	25.0 37.6#



#43
Isopropyl Acetate
Concen: 1.666 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 43	Resp: 3952
Ion Ratio	Lower Upper
43 100	
61 0.0	14.1 21.1#
87 0.0	9.2 13.8#





#45

1,2-Dichloropropane

Concen: 1.780 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.055 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

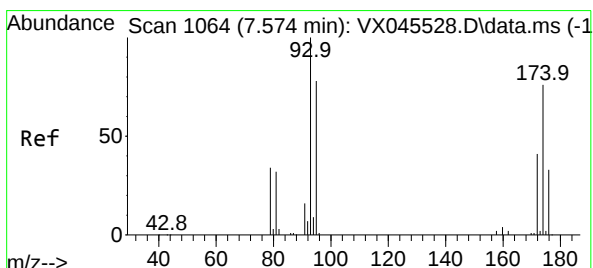
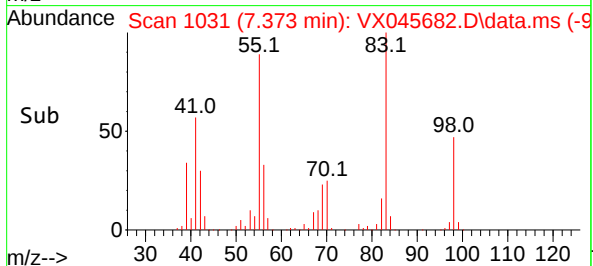
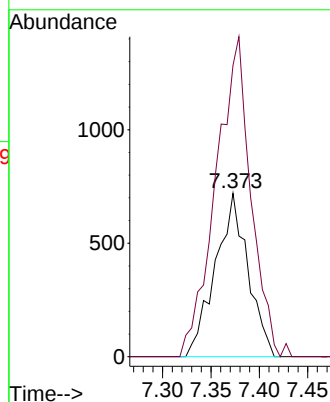
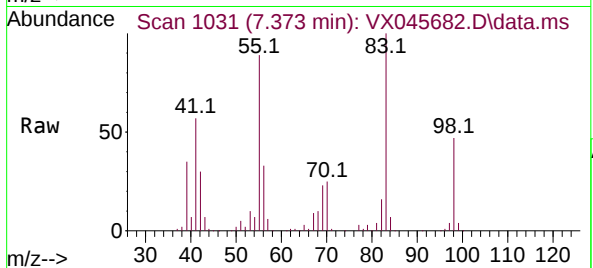
MW5

Tgt Ion: 63 Resp: 1685

Ion Ratio Lower Upper

63 100

65 178.3 25.8 38.6#



#46

Dibromomethane

Concen: 0.202 ug/l

RT: 7.537 min Scan# 1058

Delta R.T. -0.036 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

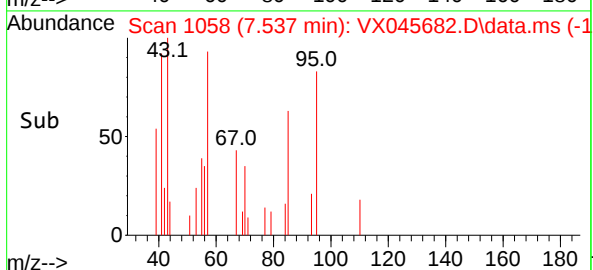
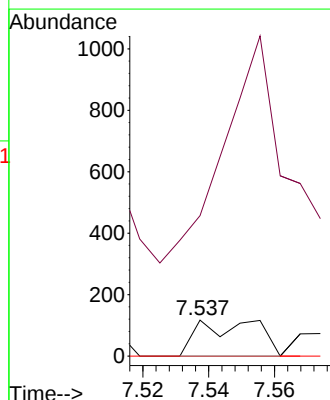
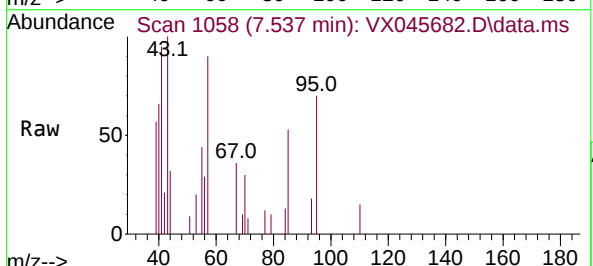
Tgt Ion: 93 Resp: 147

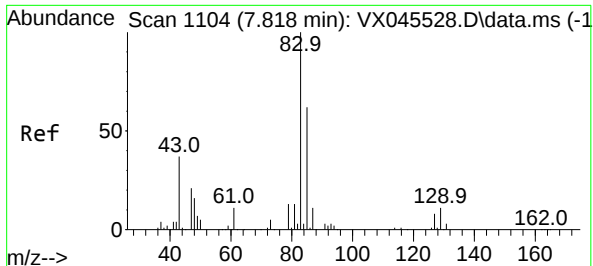
Ion Ratio Lower Upper

93 100

95 1488.4 64.8 97.2#

174 0.0 65.4 98.0#

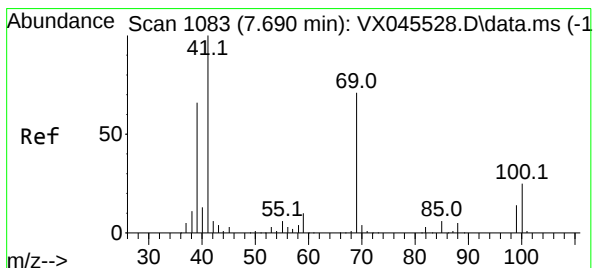
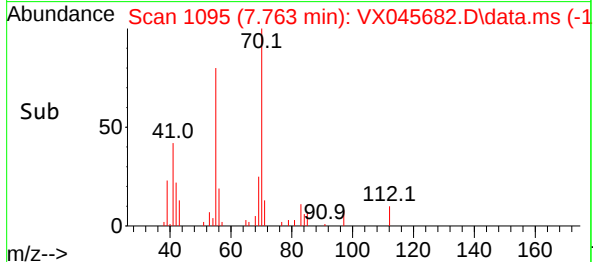
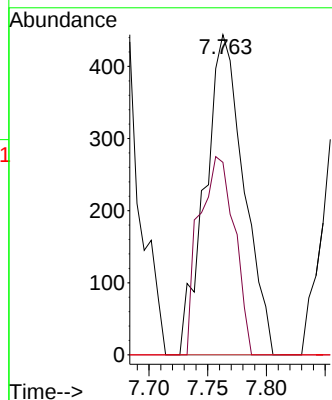
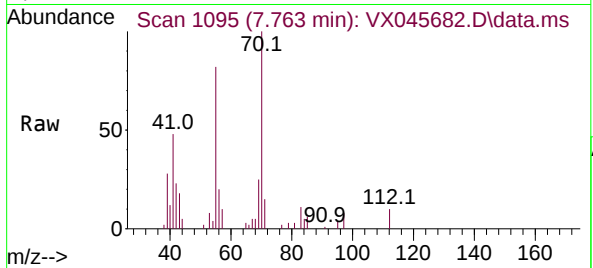




#47
Bromodichloromethane
Concen: 0.702 ug/l
RT: 7.763 min Scan# 1095
Delta R.T. -0.055 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

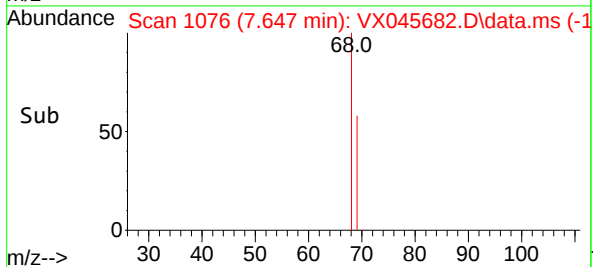
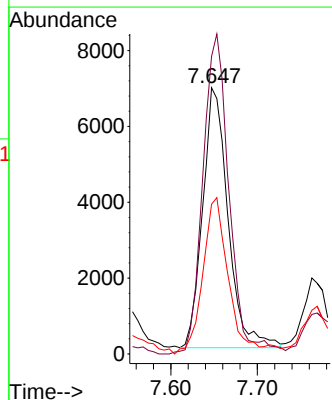
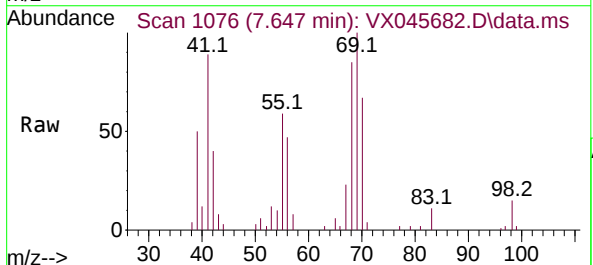
Instrument :
MSVOA_X
ClientSampleId :
MW5

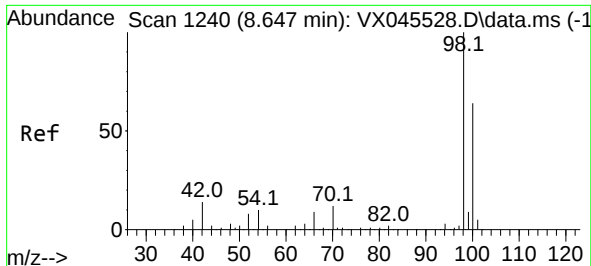
Tgt Ion: 83 Resp: 1018
Ion Ratio Lower Upper
83 100
85 60.1 49.7 74.5
127 0.0 6.1 9.1#



#48
Methyl methacrylate
Concen: 11.431 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.043 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 41 Resp: 14004
Ion Ratio Lower Upper
41 100
69 126.5 58.2 87.2#
39 59.8 53.6 80.4

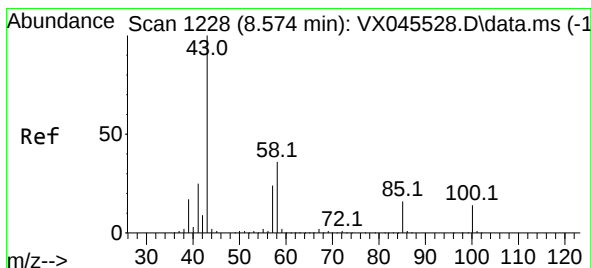
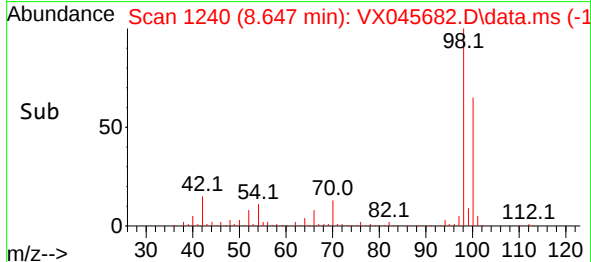
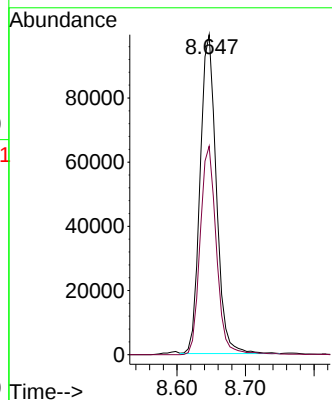
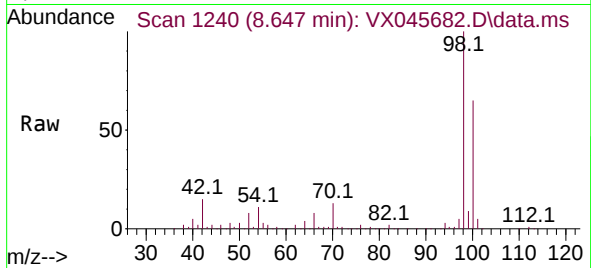




#50
Toluene-d8
Concen: 50.856 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

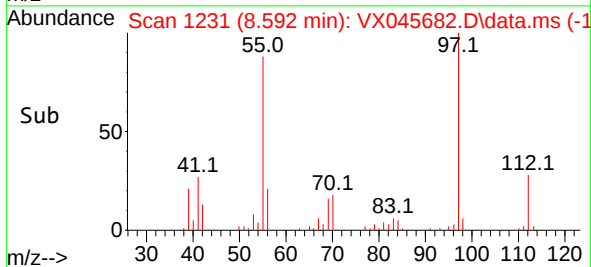
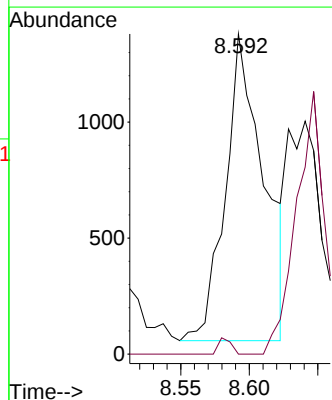
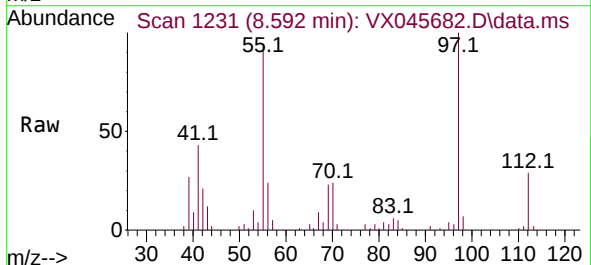
Instrument :
MSVOA_X
ClientSampleId :
MW5

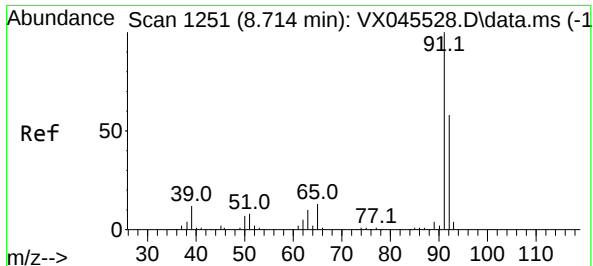
Tgt Ion: 98 Resp: 163312
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.622 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.018 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 43 Resp: 2551
Ion Ratio Lower Upper
43 100
58 0.0 28.5 42.7#





#52

Toluene

Concen: 2.441 ug/l

RT: 8.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

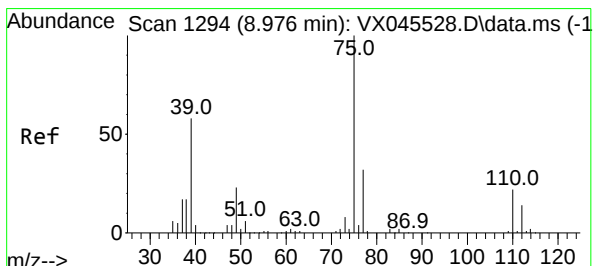
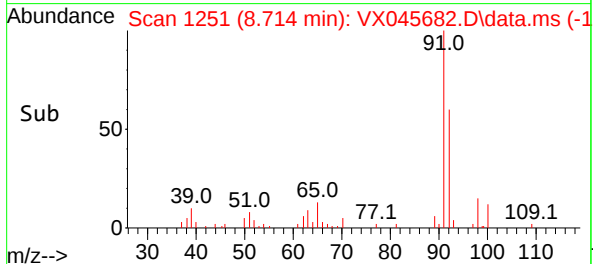
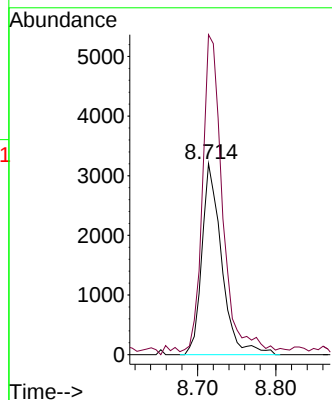
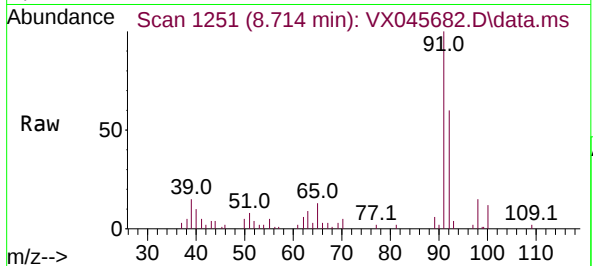
MW5

Tgt Ion: 92 Resp: 5603

Ion Ratio Lower Upper

92 100

91 166.4 138.7 208.1



#53

t-1,3-Dichloropropene

Concen: 2.305 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. -0.250 min

Lab File: VX045682.D

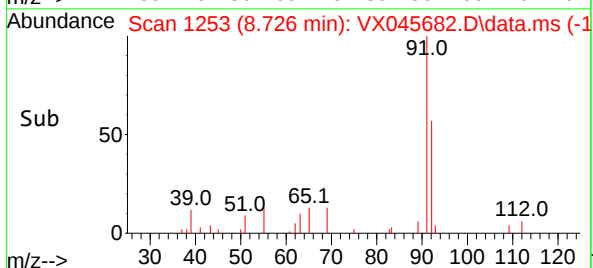
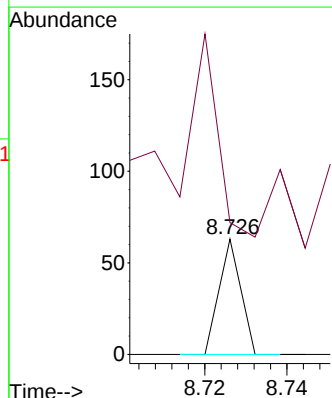
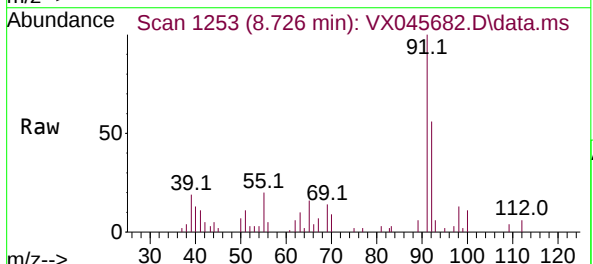
Acq: 09 Apr 2025 17:39

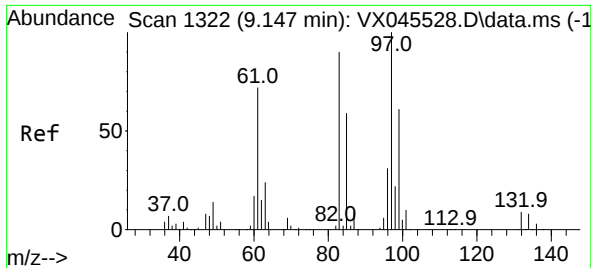
Tgt Ion: 75 Resp: 23

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

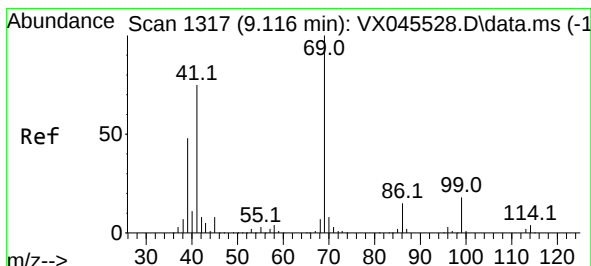
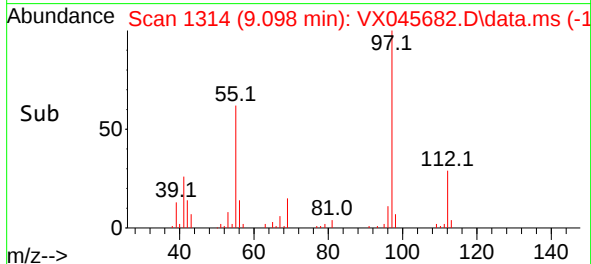
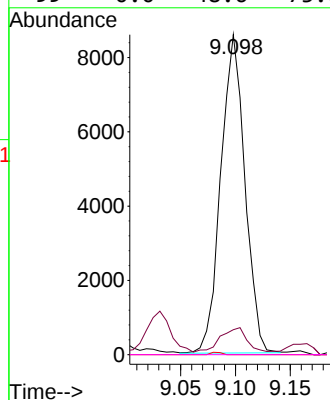
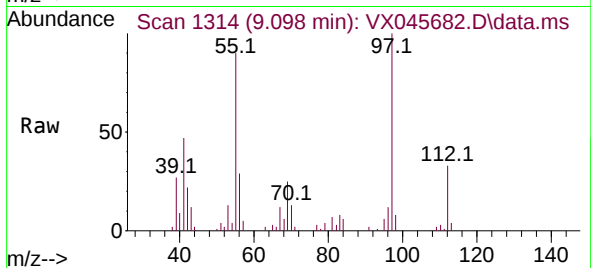




#55
1,1,2-Trichloroethane
Concen: 14.341 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.049 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

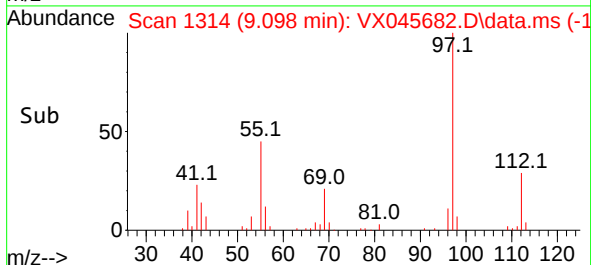
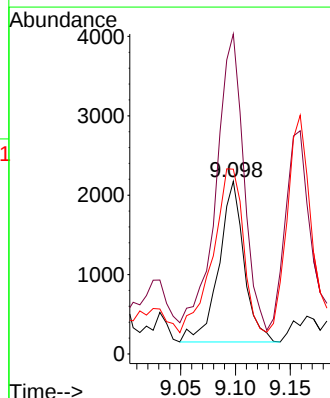
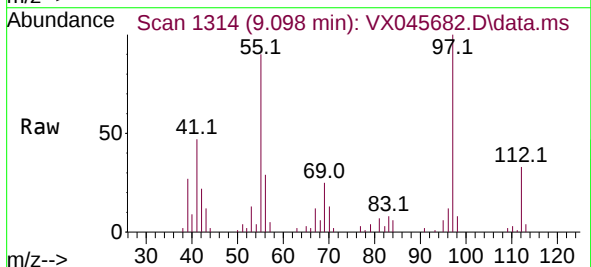
Instrument :
MSVOA_X
ClientSampleId :
MW5

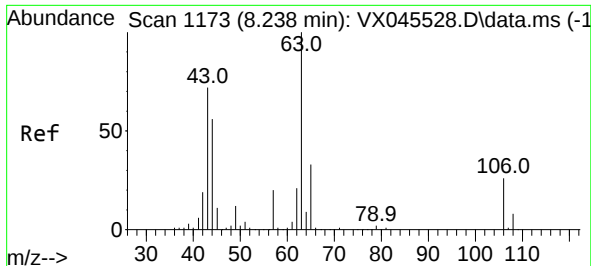
Tgt Ion:	97	Resp:	13119
Ion	Ratio	Lower	Upper
97	100		
83	6.7	71.8	107.8#
85	0.0	47.0	70.6#
99	0.0	48.6	73.0#



#56
Ethyl methacrylate
Concen: 2.275 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion:	69	Resp:	3221
Ion	Ratio	Lower	Upper
69	100		
41	204.2	61.3	91.9#
39	136.6	40.2	60.2#

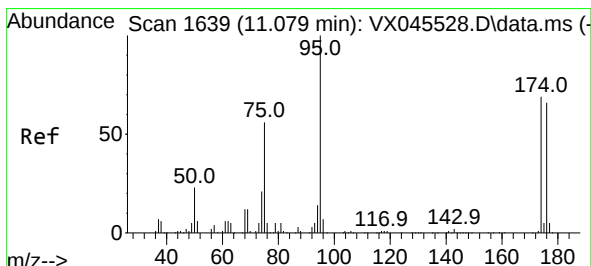
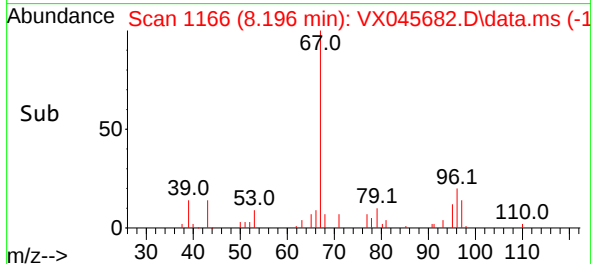
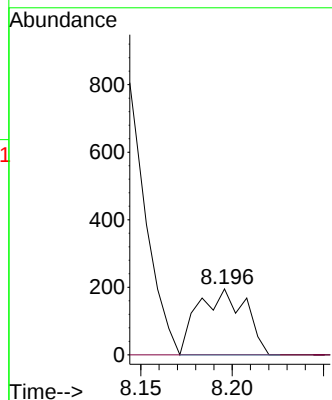
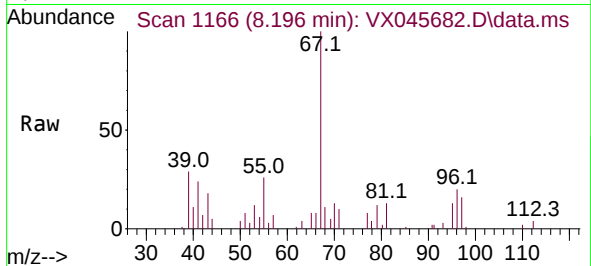




#58
2-Chloroethyl Vinyl ether
Concen: 0.491 ug/l
RT: 8.196 min Scan# 1166
Delta R.T. -0.043 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

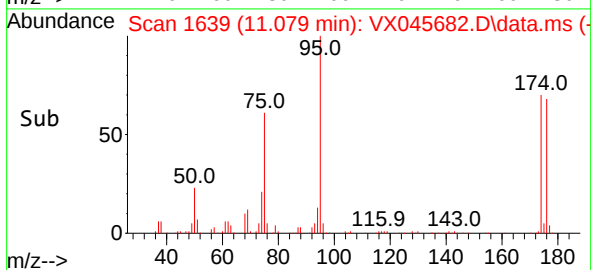
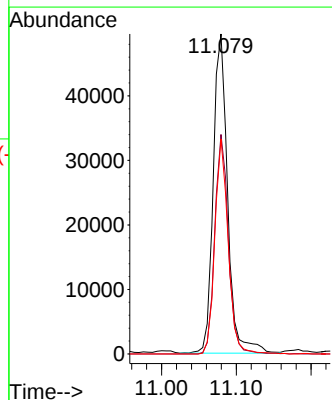
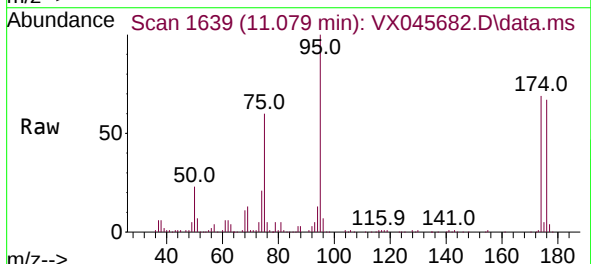
Instrument :
MSVOA_X
ClientSampleId :
MW5

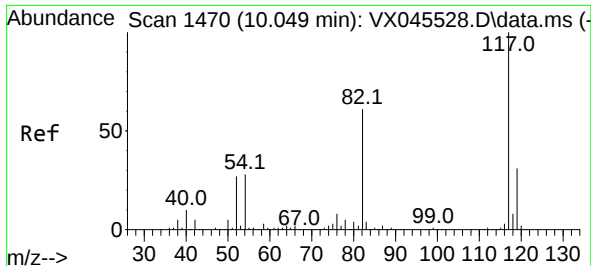
Tgt Ion: 63 Resp: 352
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.6#



#62
4-Bromofluorobenzene
Concen: 56.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 95 Resp: 66536
Ion Ratio Lower Upper
95 100
174 64.7 0.0 135.8
176 62.3 0.0 131.4

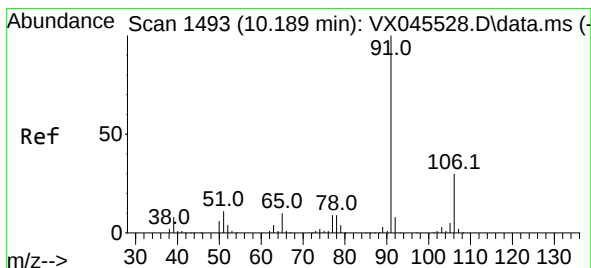
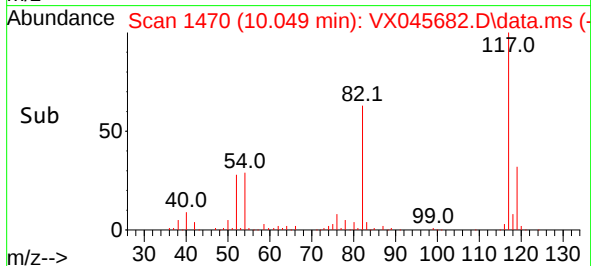
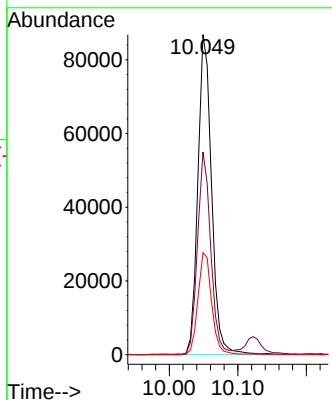
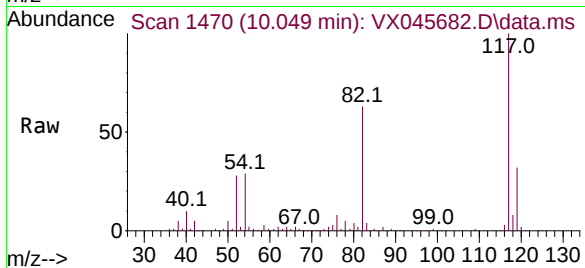




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

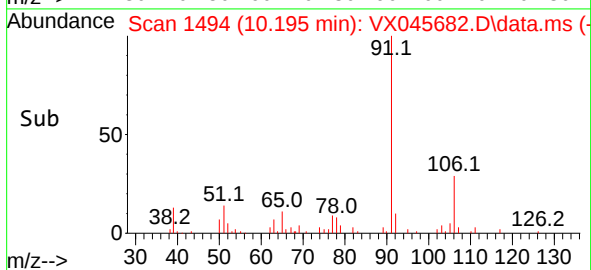
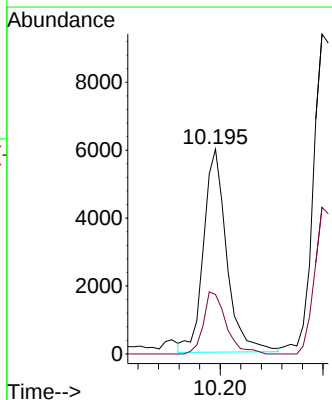
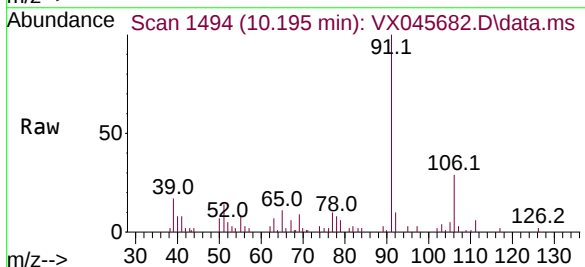
Instrument :
MSVOA_X
ClientSampleId :
MW5

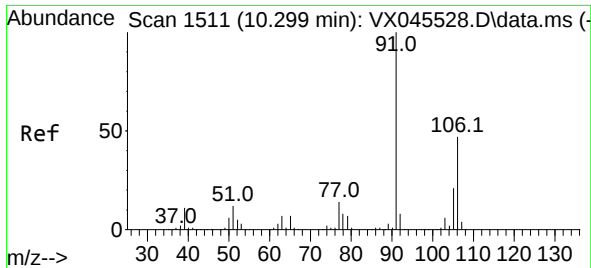
Tgt Ion:117 Resp: 121124
Ion Ratio Lower Upper
117 100
82 63.1 49.2 73.8
119 31.9 25.1 37.7



#67
Ethyl Benzene
Concen: 2.014 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 91 Resp: 9335
Ion Ratio Lower Upper
91 100
106 29.9 23.7 35.5

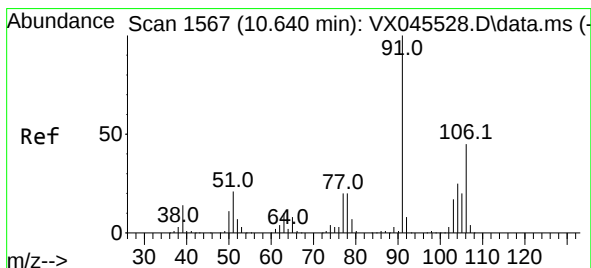
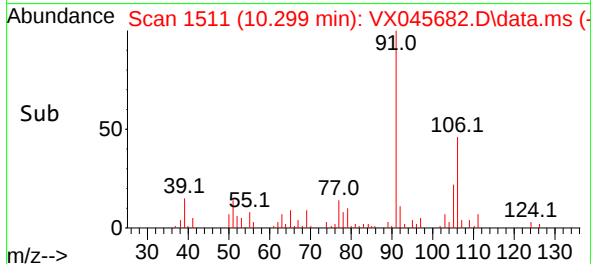
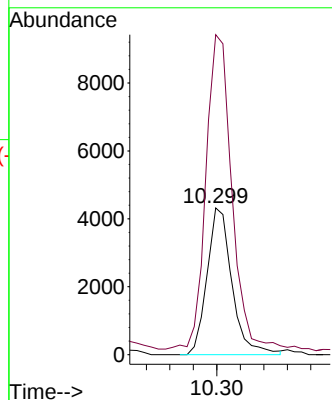
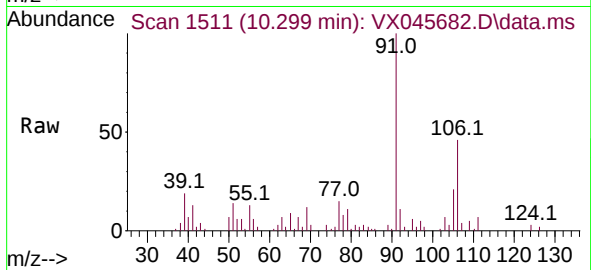




#68
m/p-Xylenes
Concen: 3.778 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

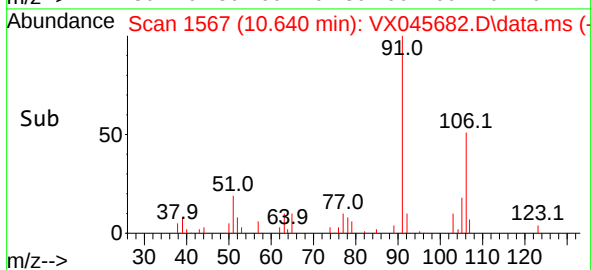
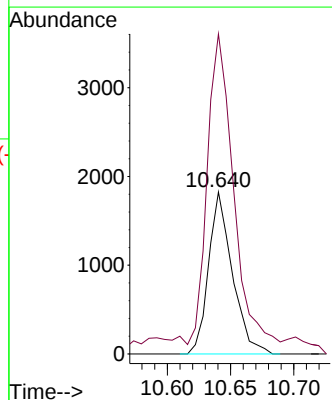
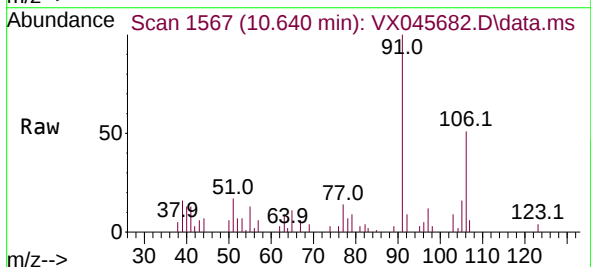
Instrument :
MSVOA_X
ClientSampleId :
MW5

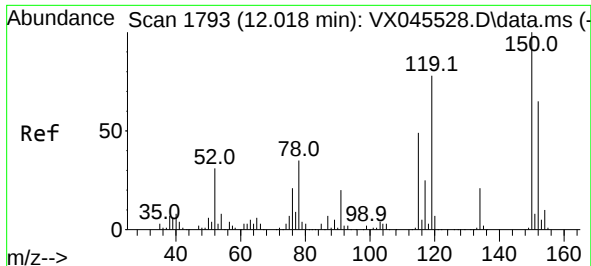
Tgt Ion:106 Resp: 6369
Ion Ratio Lower Upper
106 100
91 230.5 172.6 258.8



#69
o-Xylene
Concen: 1.435 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion:106 Resp: 2384
Ion Ratio Lower Upper
106 100
91 209.4 113.6 340.6

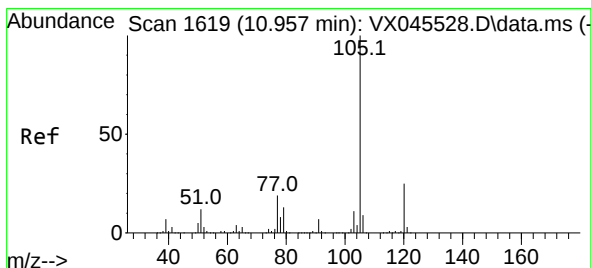
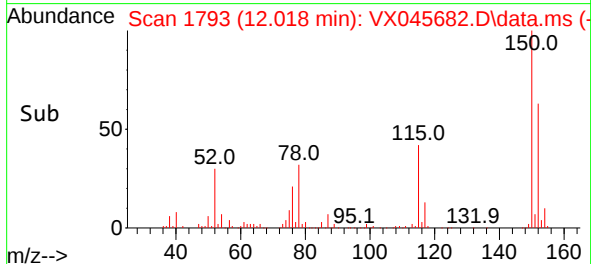
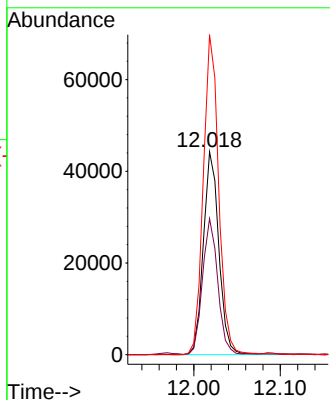
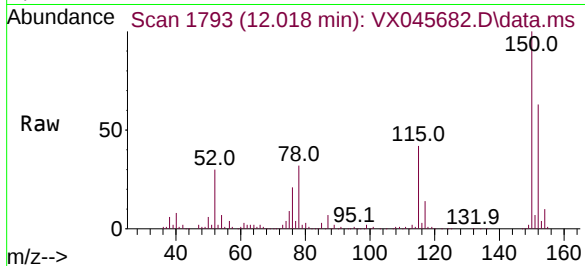




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

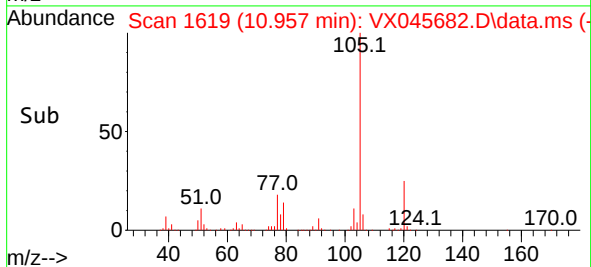
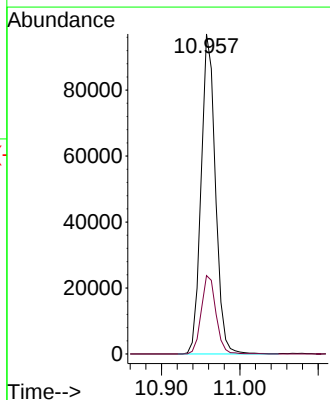
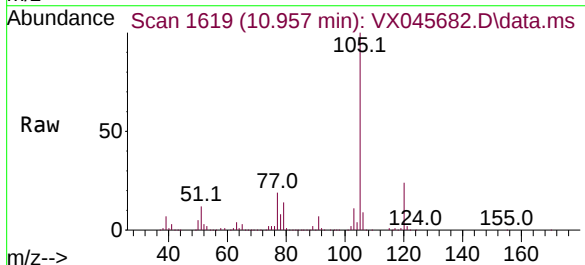
Instrument :
MSVOA_X
ClientSampleId :
MW5

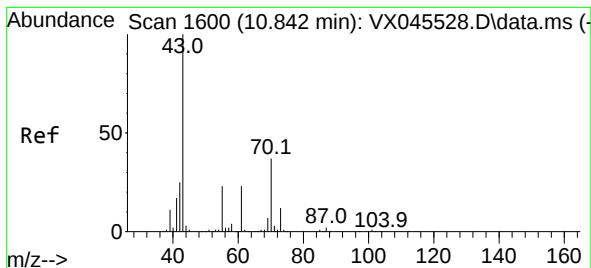
Tgt Ion:152 Resp: 55077
Ion Ratio Lower Upper
152 100
115 65.4 46.9 140.7
150 157.0 0.0 349.4



#73
Isopropylbenzene
Concen: 27.838 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion:105 Resp: 122812
Ion Ratio Lower Upper
105 100
120 25.2 12.7 38.0





#74

N-amy1 acetate

Concen: 0.247 ug/l

RT: 10.854 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW5

Tgt Ion: 43 Resp: 522

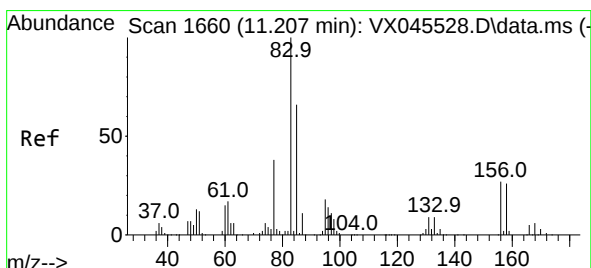
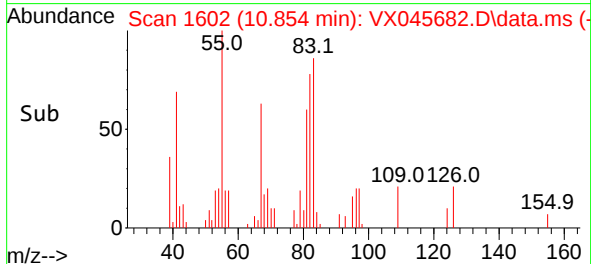
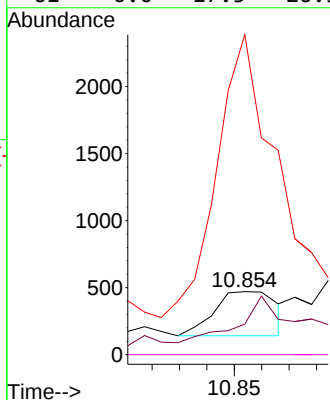
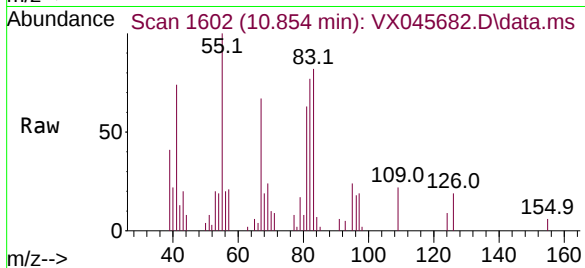
Ion Ratio Lower Upper

43 100

70 212.1 30.1 45.1#

55 665.5 18.3 27.5#

61 0.0 17.5 26.3#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.507 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

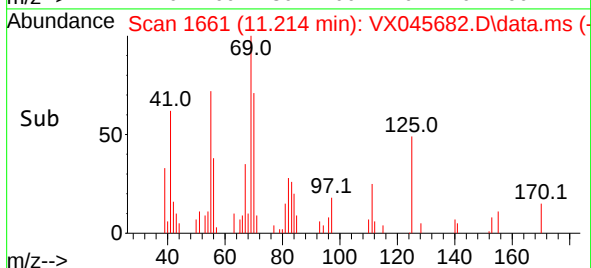
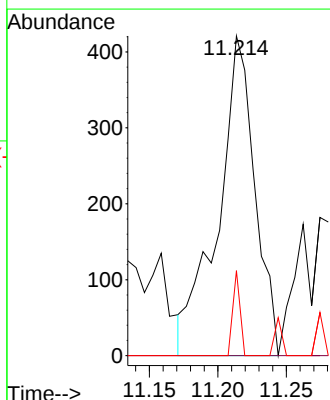
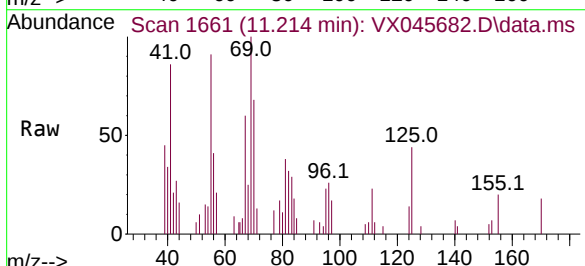
Tgt Ion: 83 Resp: 786

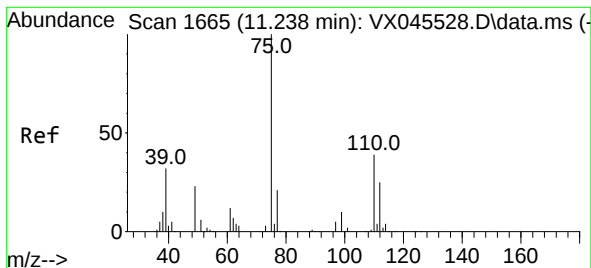
Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 5.2 32.4 97.2#





#76

1,2,3-Trichloropropane

Concen: 1.669 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.061 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

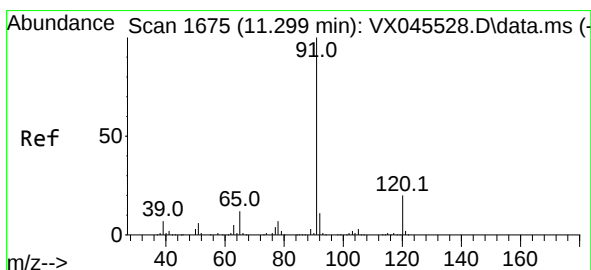
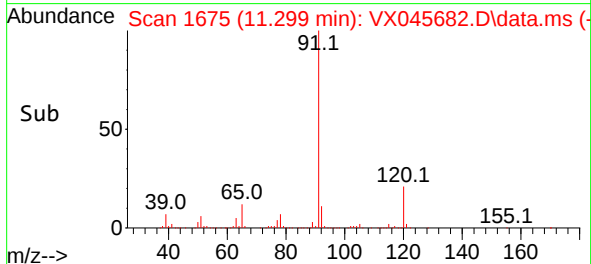
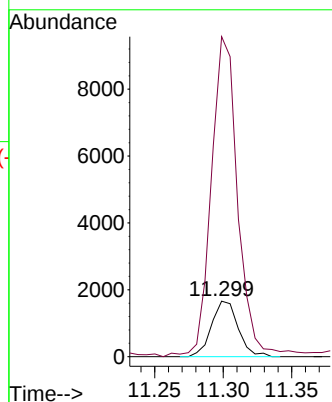
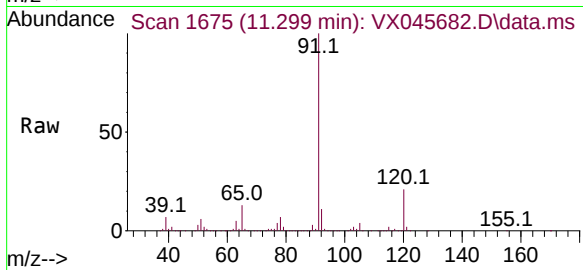
MW5

Tgt Ion: 75 Resp: 2242

Ion Ratio Lower Upper

75 100

77 576.3 20.0 59.9#



#78

n-propylbenzene

Concen: 55.226 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX045682.D

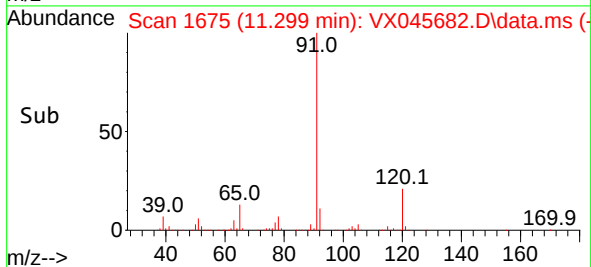
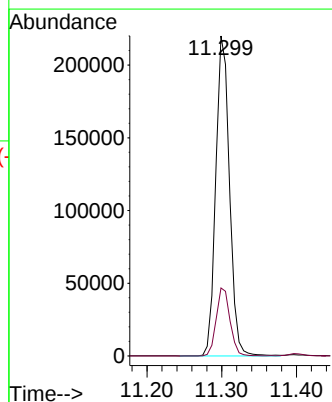
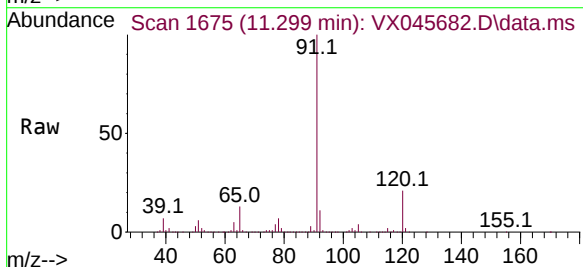
Acq: 09 Apr 2025 17:39

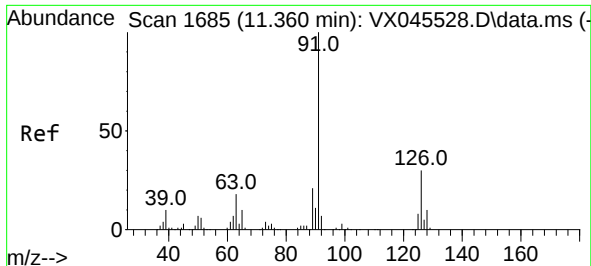
Tgt Ion: 91 Resp: 280633

Ion Ratio Lower Upper

91 100

120 21.3 10.8 32.3





#79

2-Chlorotoluene

Concen: 86.385 ug/l

RT: 11.299 min Scan# 1

Delta R.T. -0.061 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

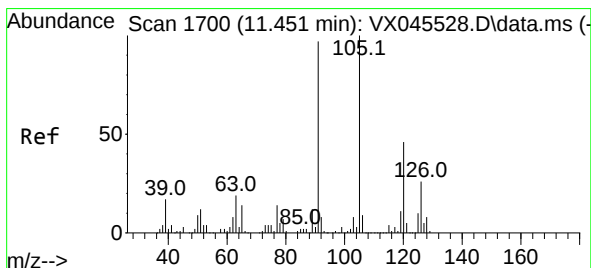
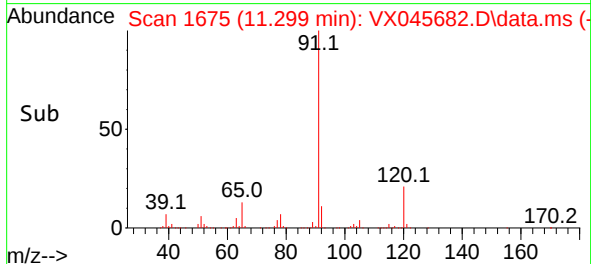
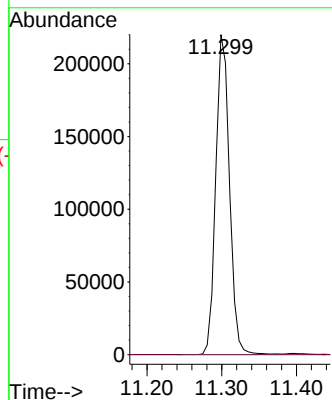
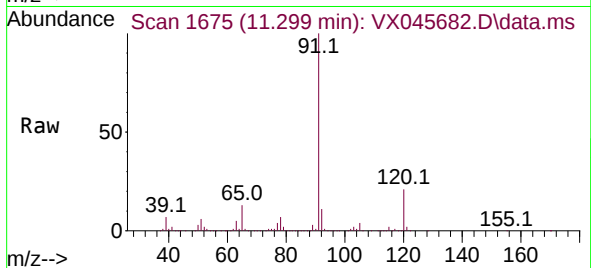
MW5

Tgt Ion: 91 Resp: 280633

Ion Ratio Lower Upper

91 100

126 0.0 15.8 47.4#



#80

1,3,5-Trimethylbenzene

Concen: 2.204 ug/l

RT: 11.396 min Scan# 1691

Delta R.T. -0.055 min

Lab File: VX045682.D

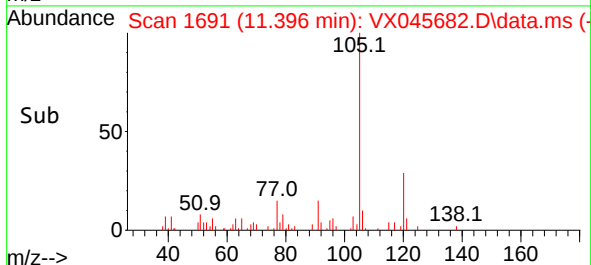
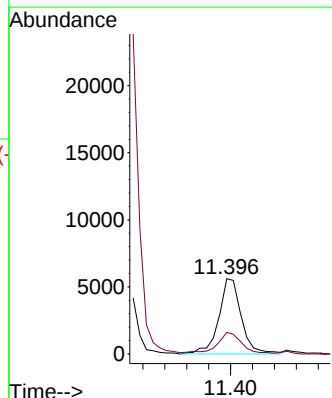
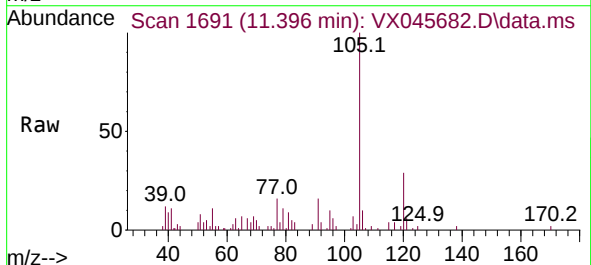
Acq: 09 Apr 2025 17:39

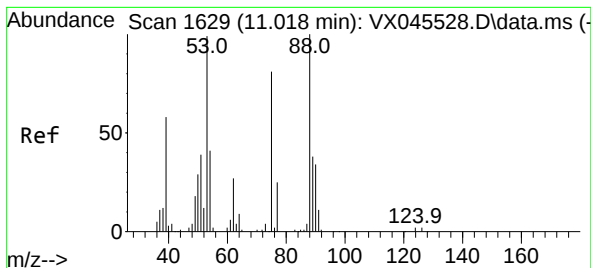
Tgt Ion:105 Resp: 8041

Ion Ratio Lower Upper

105 100

120 29.1 23.0 69.0

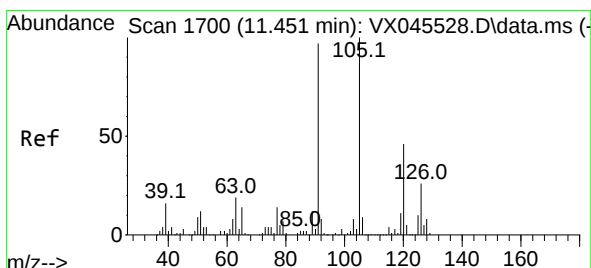
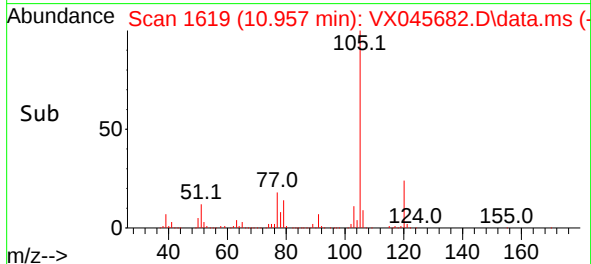
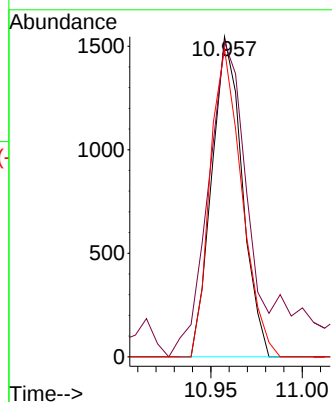
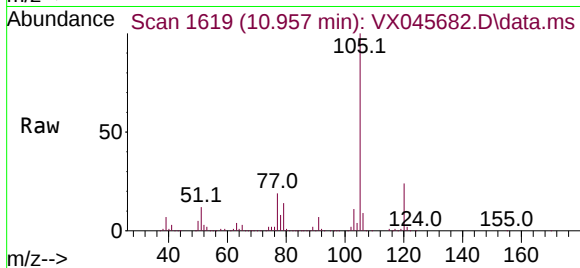




#81
trans-1,4-Dichloro-2-butene
Concen: 4.519 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.061 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

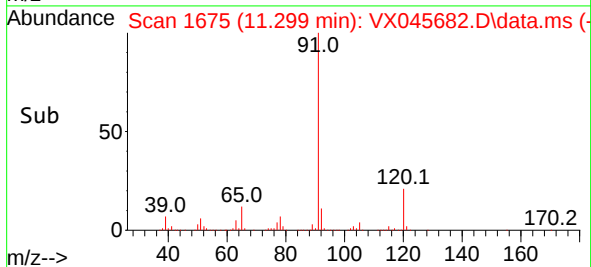
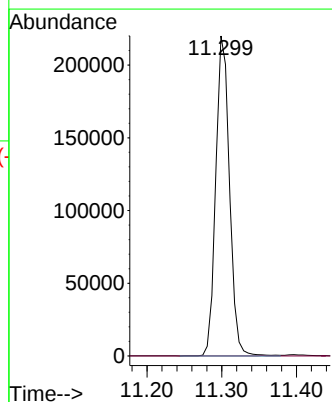
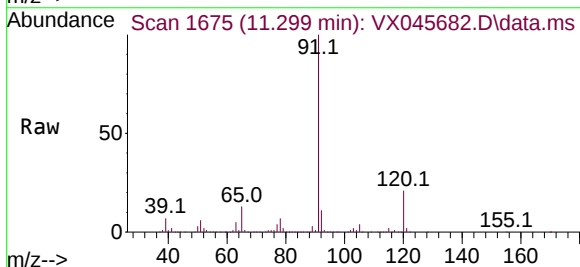
Instrument :
MSVOA_X
ClientSampleId :
MW5

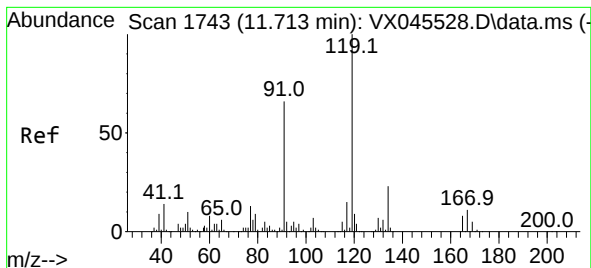
Tgt Ion: 75 Resp: 1789
Ion Ratio Lower Upper
75 100
53 144.6 101.8 152.6
89 100.8 37.2 55.8#



#82
4-Chlorotoluene
Concen: 77.479 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.152 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 91 Resp: 280633
Ion Ratio Lower Upper
91 100
126 0.0 13.3 39.9#





#83

tert-Butylbenzene

Concen: 1.285 ug/l

RT: 11.707 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW5

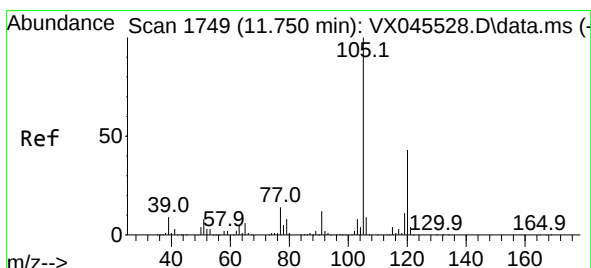
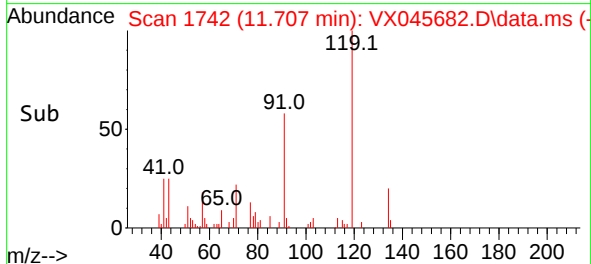
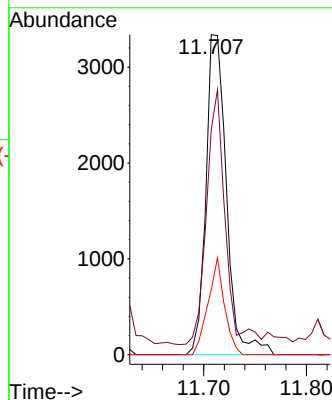
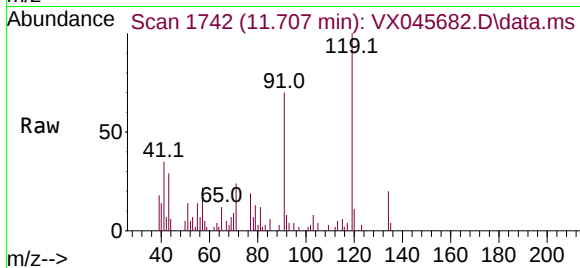
Tgt Ion:119 Resp: 4642

Ion Ratio Lower Upper

119 100

91 69.3 32.4 97.2

134 24.3 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 0.438 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX045682.D

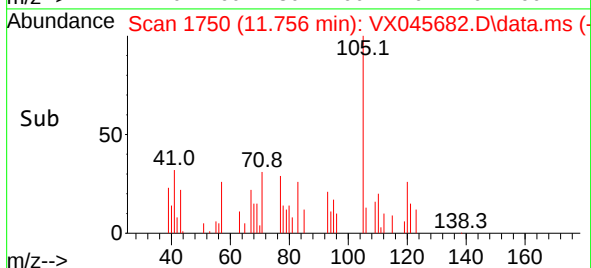
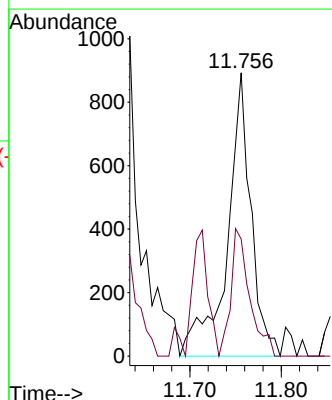
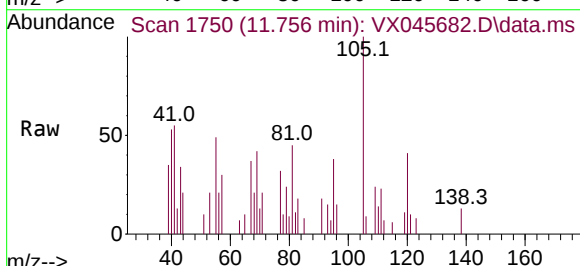
Acq: 09 Apr 2025 17:39

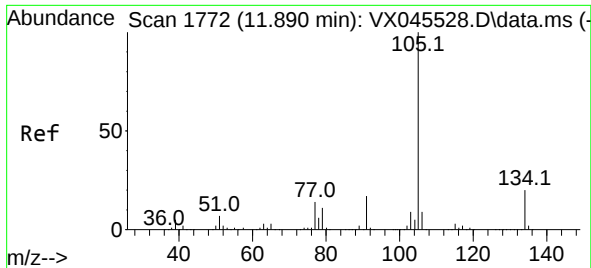
Tgt Ion:105 Resp: 1605

Ion Ratio Lower Upper

105 100

120 35.8 21.4 64.3

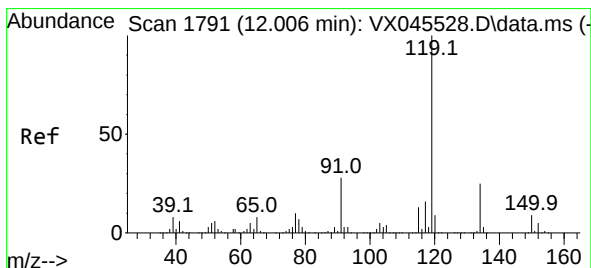
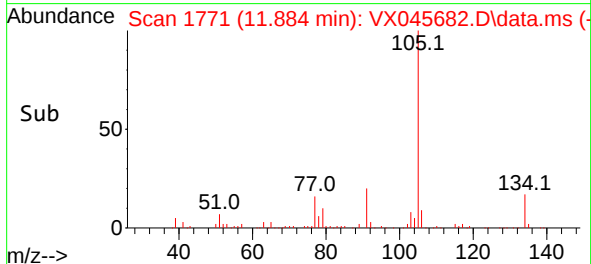
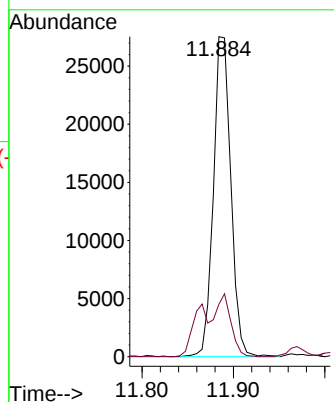
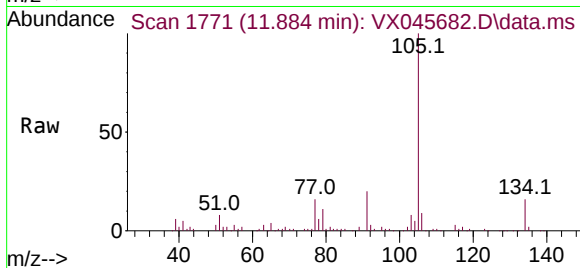




#85
 sec-Butylbenzene
 Concen: 8.233 ug/l
 RT: 11.884 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX045682.D
 Acq: 09 Apr 2025 17:39

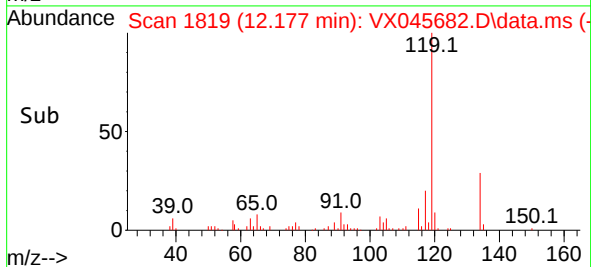
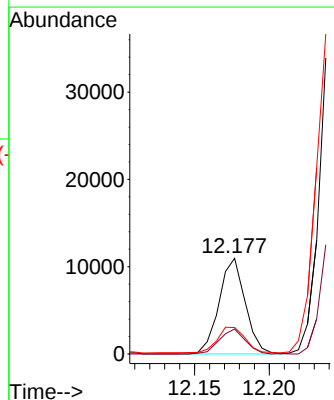
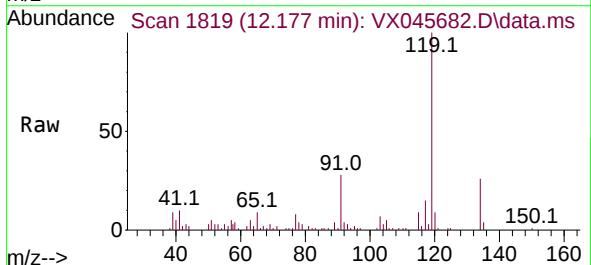
Instrument :
 MSVOA_X
 ClientSampleId :
 MW5

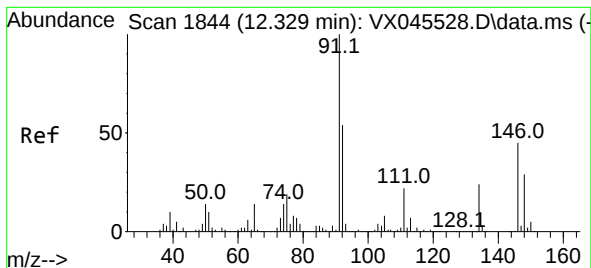
Tgt Ion:105 Resp: 36522
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 3.640 ug/l
 RT: 12.177 min Scan# 1819
 Delta R.T. 0.171 min
 Lab File: VX045682.D
 Acq: 09 Apr 2025 17:39

Tgt Ion:119 Resp: 13313
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 28.3 13.7 41.1





#89

n-Butylbenzene

Concen: 12.845 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW5

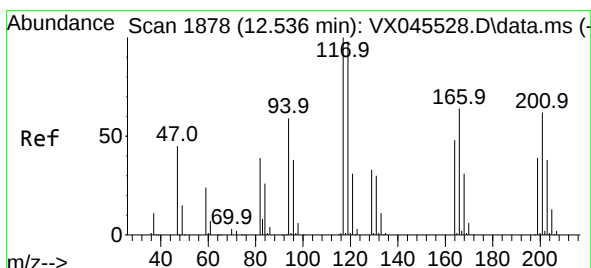
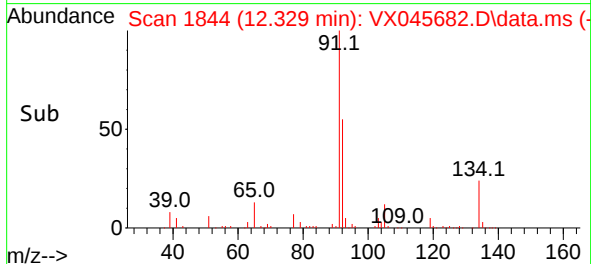
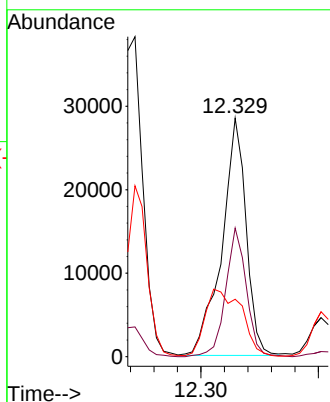
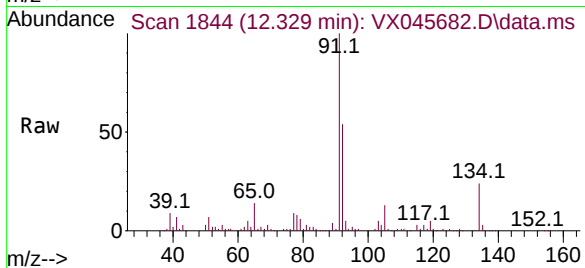
Tgt Ion: 91 Resp: 40738

Ion Ratio Lower Upper

91 100

92 46.2 26.9 80.6

134 42.9 11.9 35.7#



#90

Hexachloroethane

Concen: 38.927 ug/l

RT: 12.610 min Scan# 1890

Delta R.T. 0.073 min

Lab File: VX045682.D

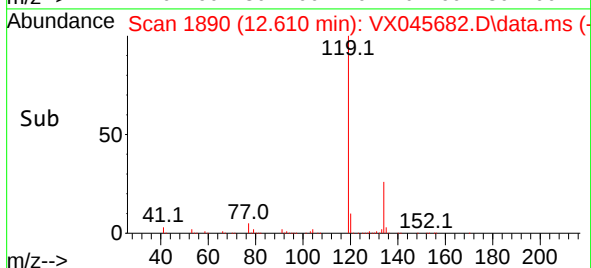
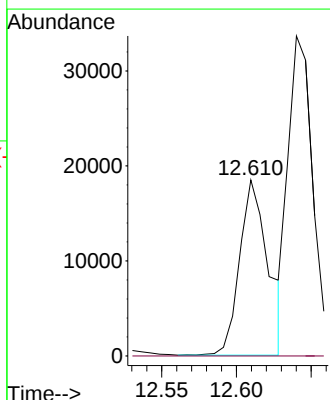
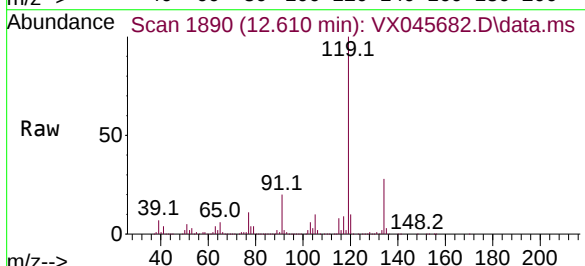
Acq: 09 Apr 2025 17:39

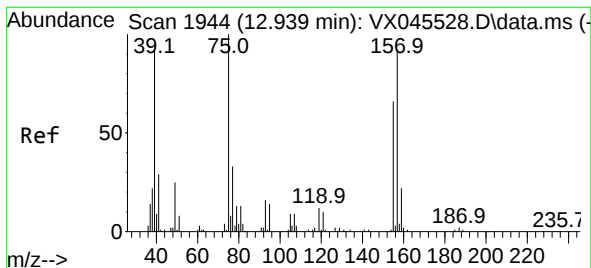
Tgt Ion: 117 Resp: 24467

Ion Ratio Lower Upper

117 100

201 0.0 31.2 93.6#

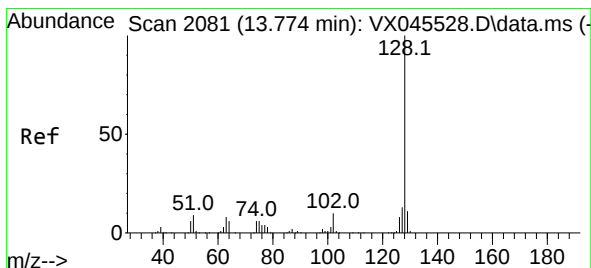
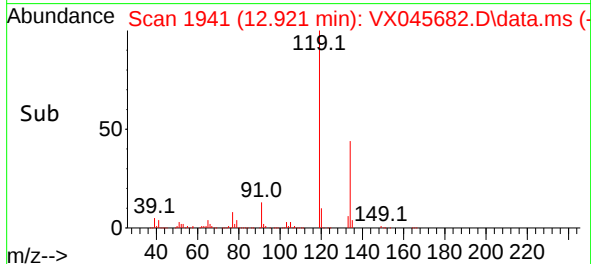
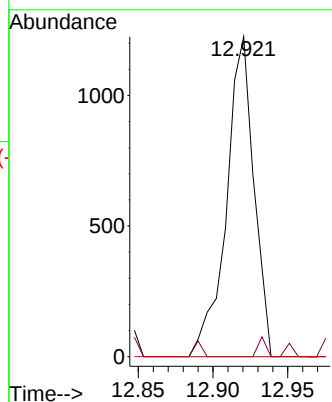
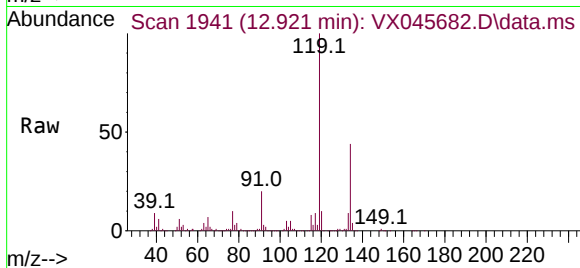




#92
1,2-Dibromo-3-Chloropropane
Concen: 4.829 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. -0.018 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Instrument :
MSVOA_X
ClientSampleId :
MW5

Tgt Ion: 75 Resp: 1565
Ion Ratio Lower Upper
75 100
155 1.8 34.9 104.7#
157 0.0 44.9 134.7#



#95
Naphthalene
Concen: 1.372 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 128 Resp: 5243
Ion Ratio Lower Upper
128 100
127 21.4 10.3 15.5#
129 0.0 8.6 12.8#

