

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046177.D
 Acq On : 13 May 2025 19:28
 Operator : JC/MD
 Sample : Q2018-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2

Quant Time: May 14 01:46:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	68362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65123	51.097	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	102.200%	
35) Dibromofluoromethane	5.385	113	49215	50.091	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	100.180%	
50) Toluene-d8	8.647	98	170440	50.121	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	100.240%	
62) 4-Bromofluorobenzene	11.079	95	70733	54.226	ug/l	0.00
Spiked Amount 50.000	Range	77 - 121	Recovery	=	108.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	315	0.310	ug/l #	43
4) Vinyl Chloride	1.374	62	256	0.271	ug/l #	1
6) Chloroethane	1.618	64	2165	4.294	ug/l #	48
11) Tert butyl alcohol	2.971	59	1670293	9336.495	ug/l	100
13) Acrolein	2.215	56	433	2.125	ug/l #	1
14) Allyl chloride	2.776	41	147815	95.413	ug/l #	64
15) Acrylonitrile	3.093	53	10095	19.734	ug/l #	39
16) Acetone	2.380	43	10756	21.049	ug/l	98
17) Carbon Disulfide	2.508	76	770	0.401	ug/l #	76
18) Methyl Acetate	2.770	43	331552	279.600	ug/l #	55
19) Methyl tert-butyl Ether	3.117	73	37345	13.141	ug/l #	1
20) Methylene Chloride	2.770	84	1134	1.158	ug/l #	1
22) Diisopropyl ether	3.764	45	2373	0.793	ug/l #	50
23) Vinyl Acetate	3.758	43	2483	0.943	ug/l #	74
25) 2-Butanone	4.574	43	4782	6.446	ug/l	97
26) 2,2-Dichloropropane	4.288	77	989	0.758	ug/l #	55
27) cis-1,2-Dichloroethene	4.520	96	286	0.291	ug/l #	1
30) Chloroform	5.160	83	2633	1.516	ug/l #	47
31) Cyclohexane	5.477	56	21979	14.471	ug/l #	89
36) 1,1-Dichloropropene	5.550	75	6865	5.200	ug/l #	51
37) Ethyl Acetate	4.788	43	446	0.273	ug/l #	77
38) Carbon Tetrachloride	5.550	117	8452	5.698	ug/l #	16
39) Methylcyclohexane	7.373	83	23892	14.058	ug/l #	71
40) Benzene	6.038	78	214793	55.550	ug/l	100
41) Methacrylonitrile	4.940	41	892	1.045	ug/l #	25
42) 1,2-Dichloroethane	6.032	62	2309	1.384	ug/l #	78
43) Isopropyl Acetate	6.239	43	115131	46.272	ug/l #	63
45) 1,2-Dichloropropane	7.354	63	668	0.695	ug/l #	1
47) Bromodichloromethane	7.775	83	1142	0.765	ug/l #	71
48) Methyl methacrylate	7.653	41	3957	3.114	ug/l #	65
51) 4-Methyl-2-Pentanone	8.610	43	5427	3.286	ug/l #	39
52) Toluene	8.714	92	3417	1.441	ug/l	97
55) 1,1,2-Trichloroethane	9.196	97	566	0.605	ug/l #	1
56) Ethyl methacrylate	9.098	69	3139	2.107	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.104	63	1264	1.664	ug/l #	48
59) 2-Hexanone	9.446	43	1608	1.316	ug/l	88

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

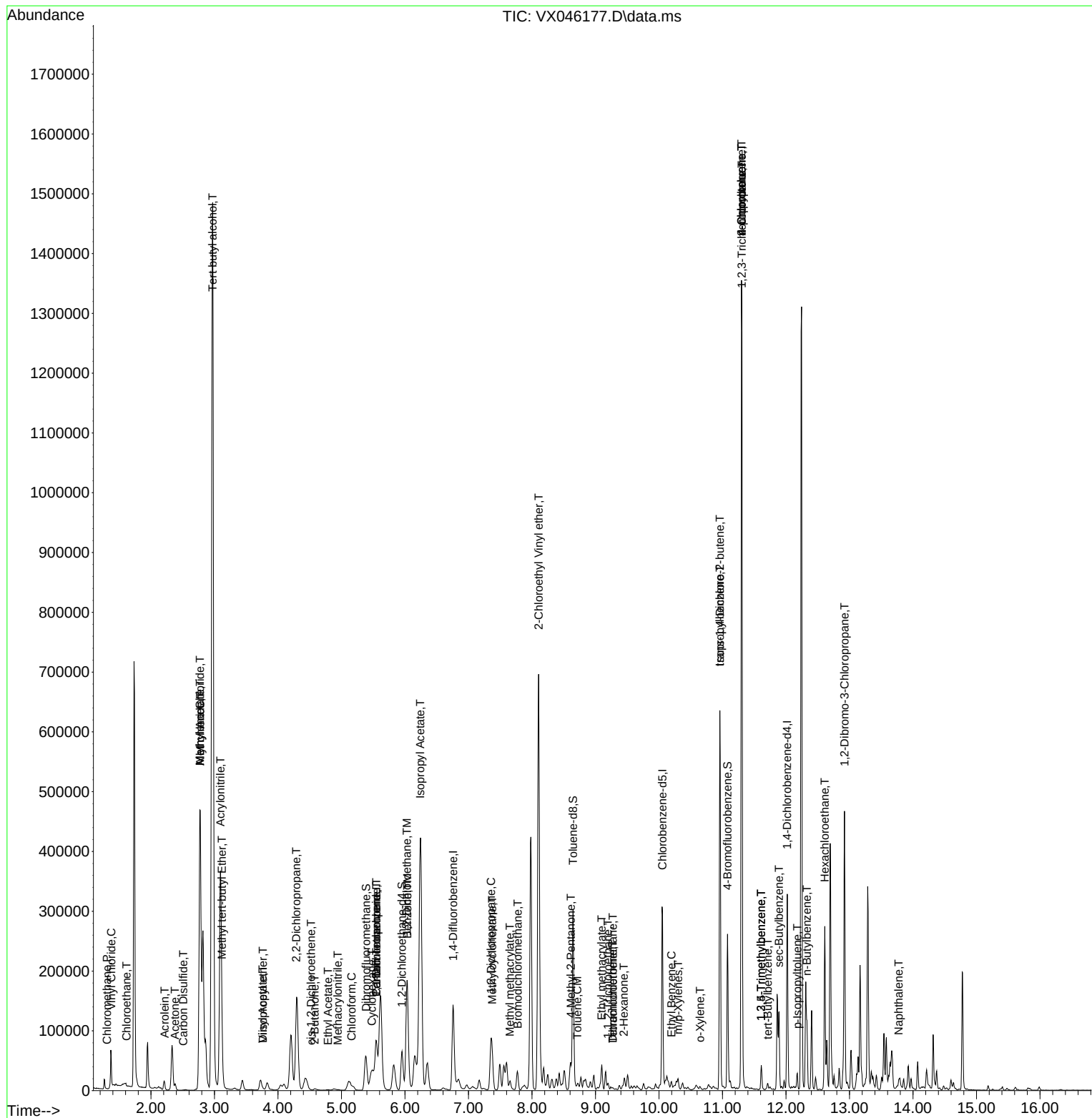
60) Dibromochloromethane	9.275	129	489	0.476	ug/l #	10
64) Tetrachloroethene	9.275	164	460	0.506	ug/l #	72
67) Ethyl Benzene	10.195	91	6026	1.216	ug/l	94
68) m/p-Xylenes	10.299	106	2958	1.632	ug/l	97
69) o-Xylene	10.647	106	674	0.381	ug/l	77
73) Isopropylbenzene	10.957	105	309541	68.179	ug/l	99
76) 1,2,3-Trichloropropane	11.305	75	6190	4.410	ug/l #	1
78) n-propylbenzene	11.299	91	821992	155.709	ug/l	99
79) 2-Chlorotoluene	11.299	91	821992	241.407	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.610	105	18504	4.878	ug/l	76
81) trans-1,4-Dichloro-2-b...	10.957	75	4324	10.029	ug/l #	62
82) 4-Chlorotoluene	11.299	91	821992	217.687	ug/l #	48
83) tert-Butylbenzene	11.713	119	3266	0.855	ug/l	86
84) 1,2,4-Trimethylbenzene	11.610	105	18504	4.817	ug/l	81
85) sec-Butylbenzene	11.890	105	66400	14.155	ug/l	93
86) p-Isopropyltoluene	12.177	119	10593	2.736	ug/l	97
89) n-Butylbenzene	12.329	91	58622	17.259	ug/l #	71
90) Hexachloroethane	12.610	117	10600	15.538	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	12.921	75	1764	5.005	ug/l #	10
95) Naphthalene	13.774	128	11449	2.815	ug/l #	85

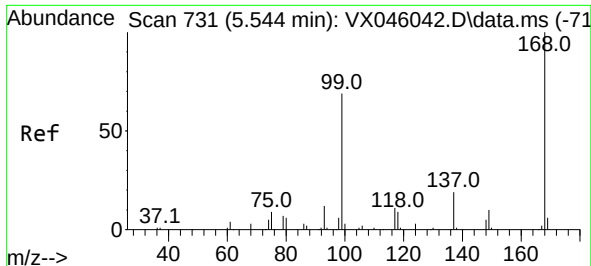
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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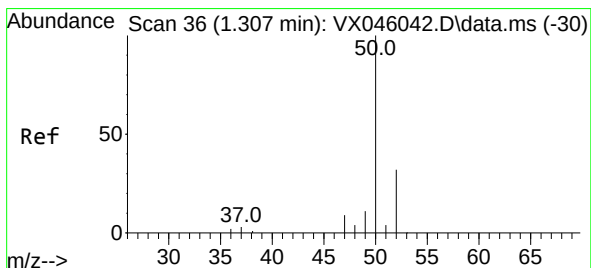
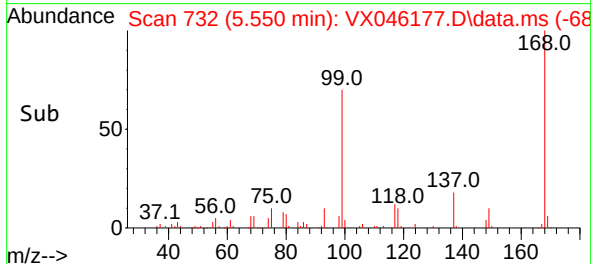
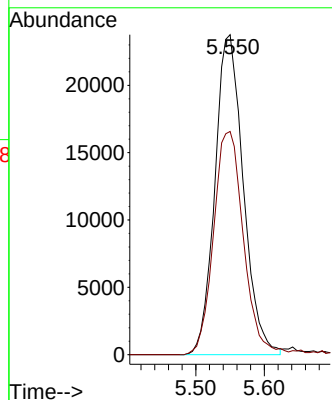
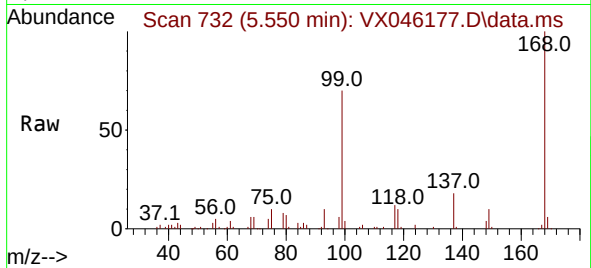




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

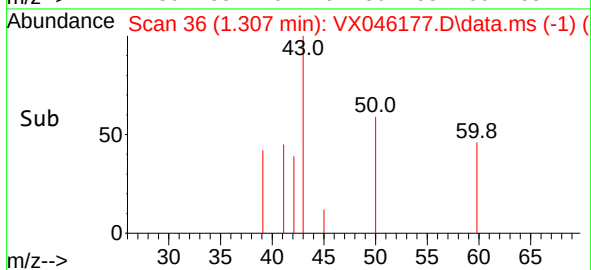
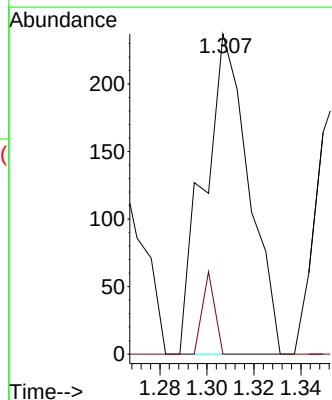
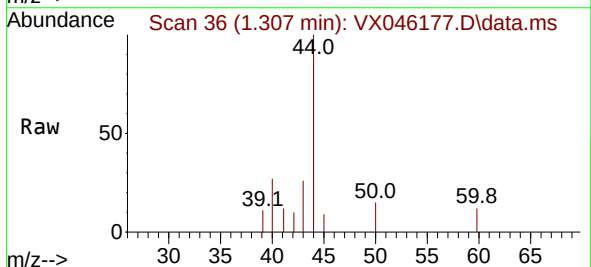
Instrument :
MSVOA_X
ClientSampleId :
MW2

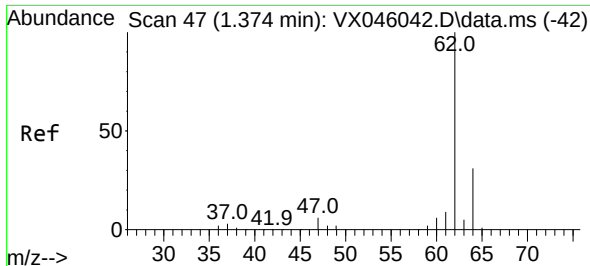
Tgt Ion:168 Resp: 68362
Ion Ratio Lower Upper
168 100
99 69.7 54.9 82.3



#3
Chloromethane
Concen: 0.310 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 50 Resp: 315
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

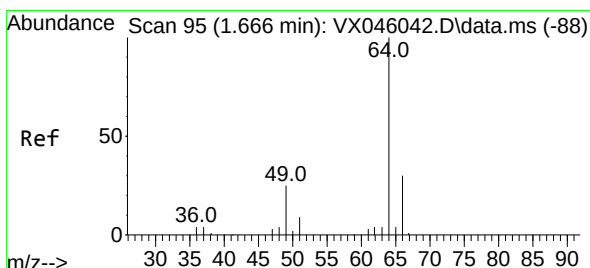
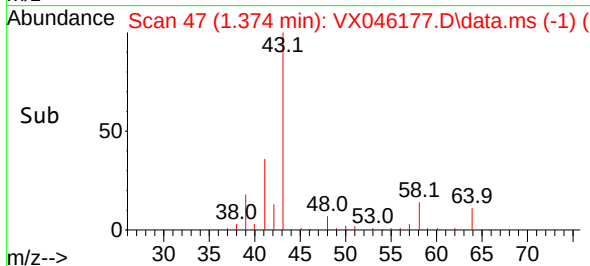
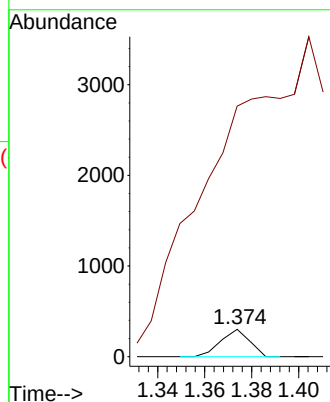
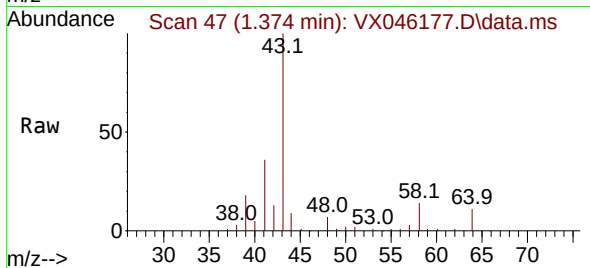




#4
 Vinyl Chloride
 Concen: 0.271 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX046177.D
 Acq: 13 May 2025 19:28

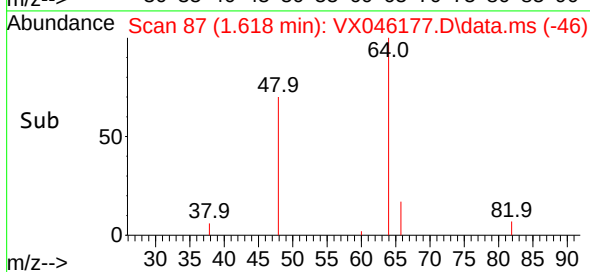
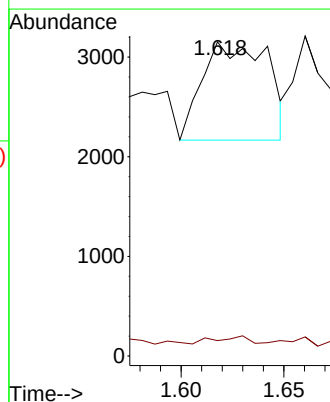
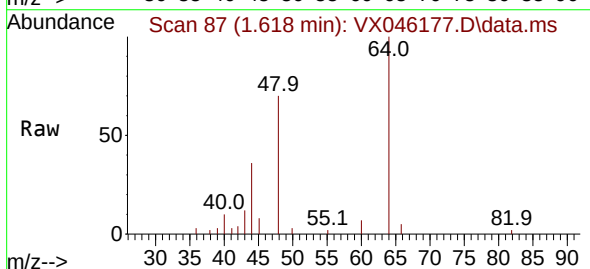
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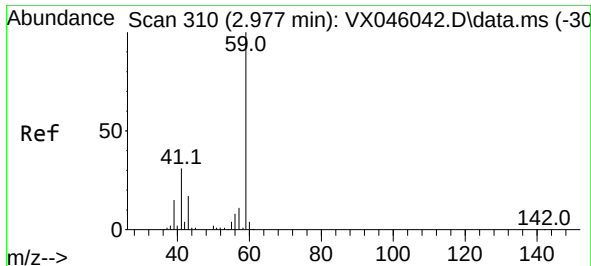
Tgt Ion: 62 Resp: 256
 Ion Ratio Lower Upper
 62 100
 64 428.8 25.2 37.8#



#6
 Chloroethane
 Concen: 4.294 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. -0.049 min
 Lab File: VX046177.D
 Acq: 13 May 2025 19:28

Tgt Ion: 64 Resp: 2165
 Ion Ratio Lower Upper
 64 100
 66 1.9 24.3 36.5#

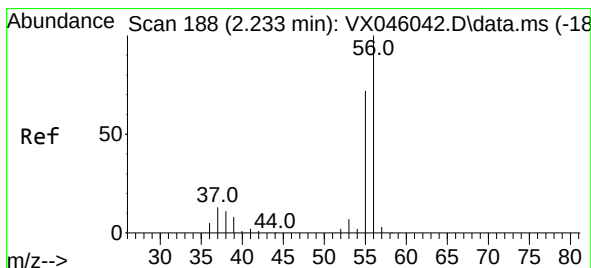
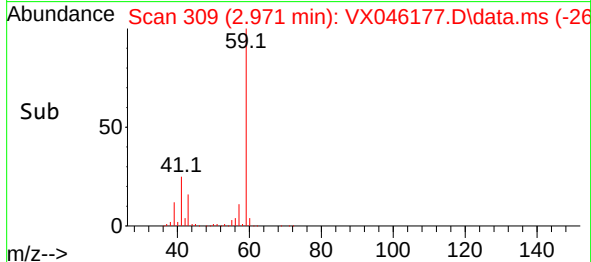
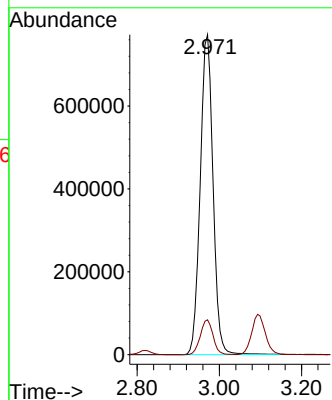
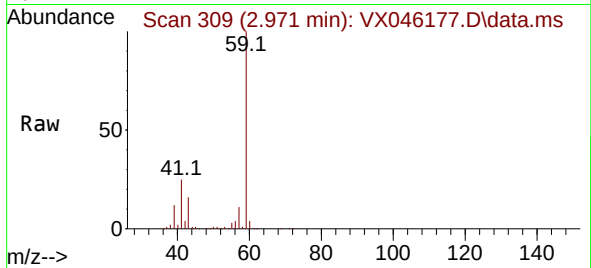




#11
Tert butyl alcohol
Concen: 9336.495 ug/l
RT: 2.971 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

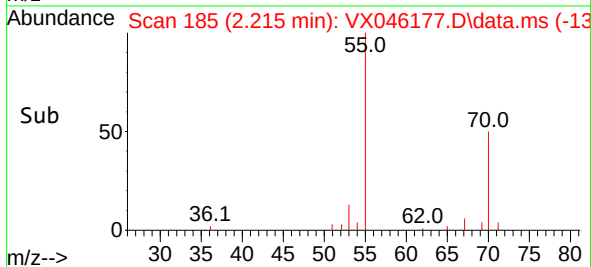
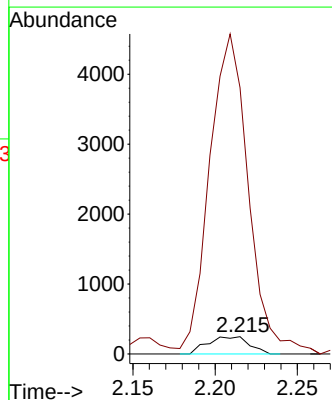
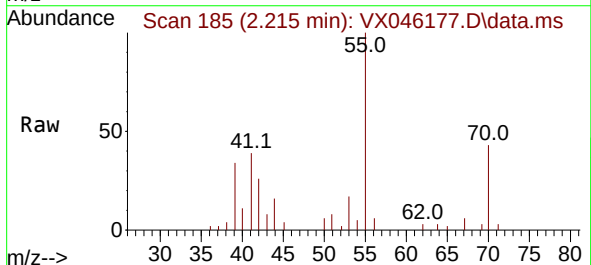
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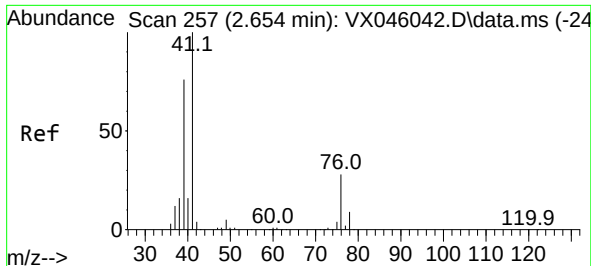
Tgt Ion: 59 Resp: 1670293
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#13
Acrolein
Concen: 2.125 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 56 Resp: 433
Ion Ratio Lower Upper
56 100
55 1741.1 56.2 84.4#

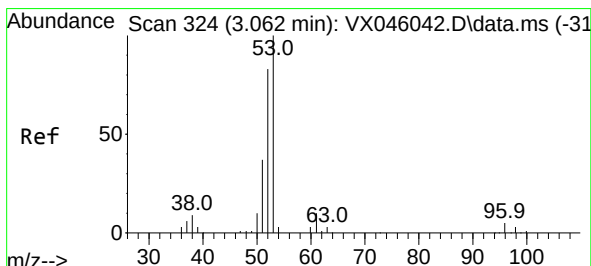
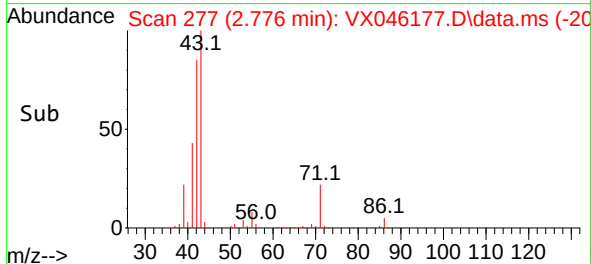
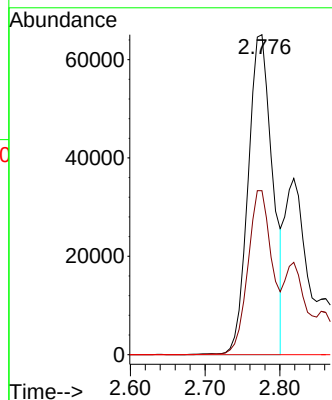
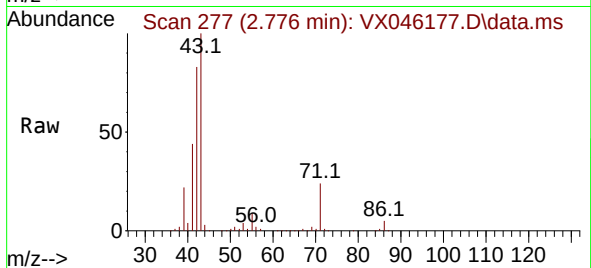




#14
 Allyl chloride
 Concen: 95.413 ug/l
 RT: 2.776 min Scan# 21
 Delta R.T. 0.122 min
 Lab File: VX046177.D
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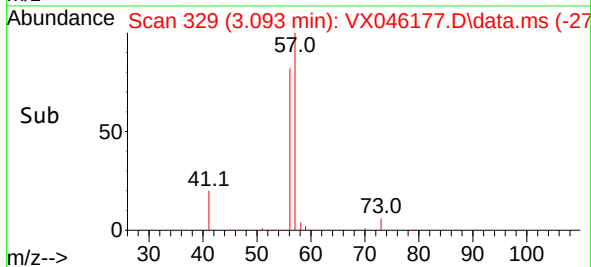
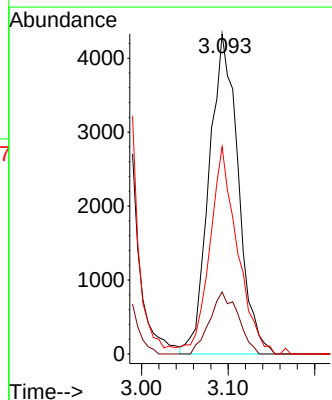
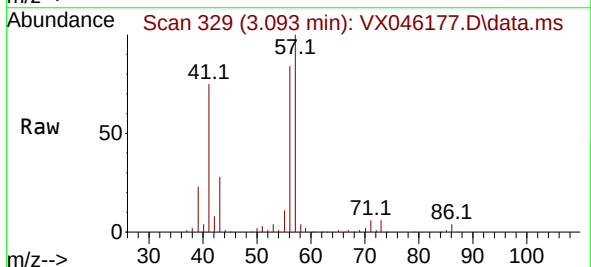
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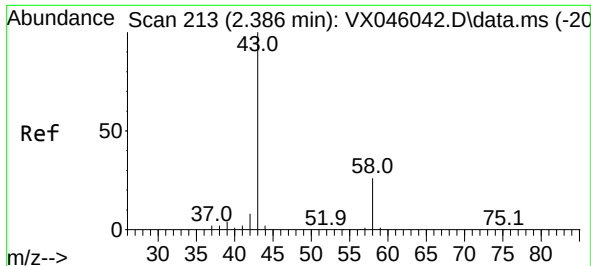
Tgt Ion: 41 Resp: 147815
 Ion Ratio Lower Upper
 41 100
 39 51.5 60.6 90.8#
 76 0.0 24.9 37.3#



#15
 Acrylonitrile
 Concen: 19.734 ug/l
 RT: 3.093 min Scan# 329
 Delta R.T. 0.031 min
 Lab File: VX046177.D
 Acq: 13 May 2025 19:28

Tgt Ion: 53 Resp: 10095
 Ion Ratio Lower Upper
 53 100
 52 19.0 65.3 97.9#
 51 61.8 29.8 44.8#

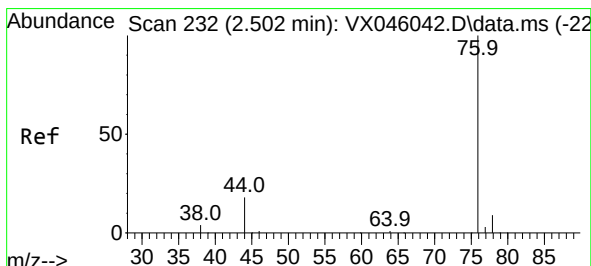
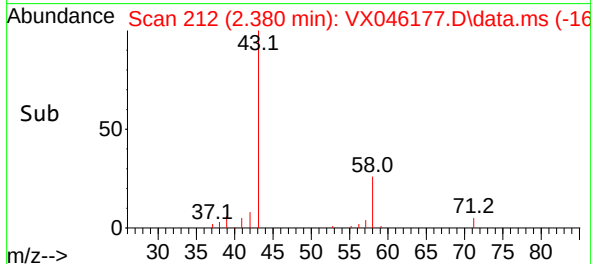
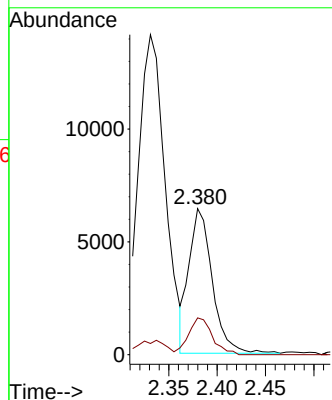
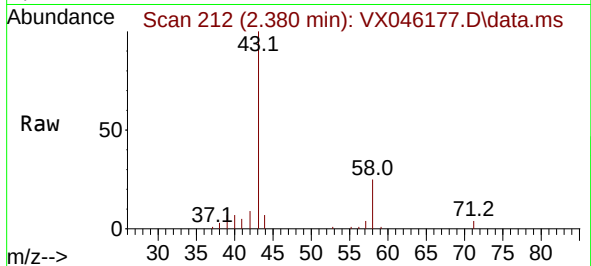




#16
Acetone
Concen: 21.049 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
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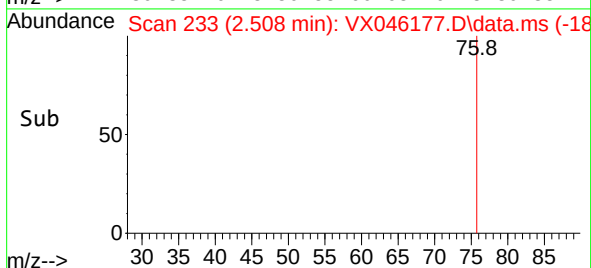
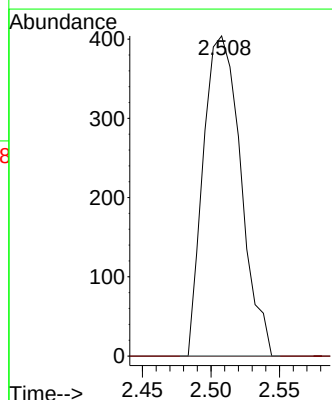
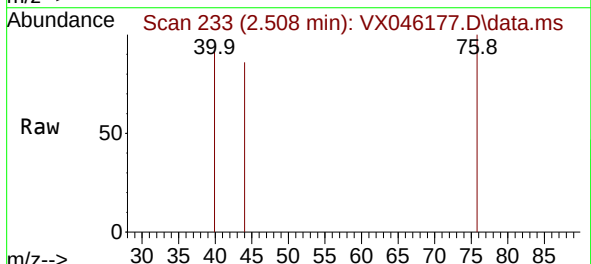
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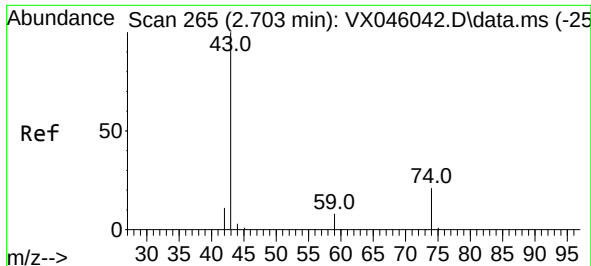
Tgt Ion: 43 Resp: 10756
Ion Ratio Lower Upper
43 100
58 25.4 21.2 31.8



#17
Carbon Disulfide
Concen: 0.401 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 76 Resp: 770
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

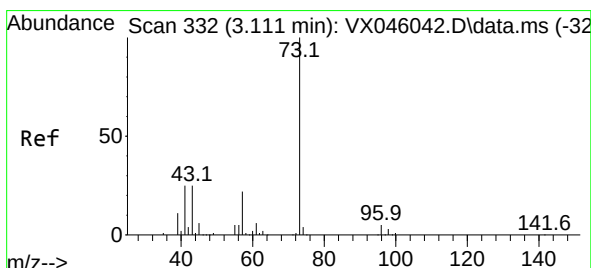
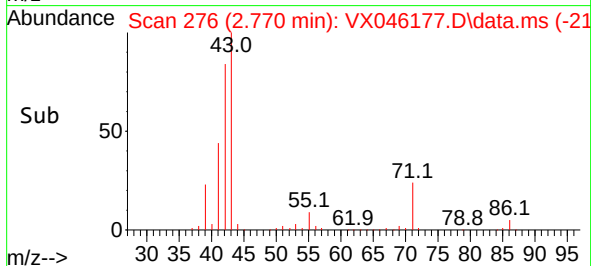
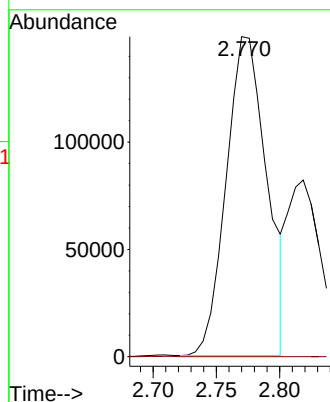
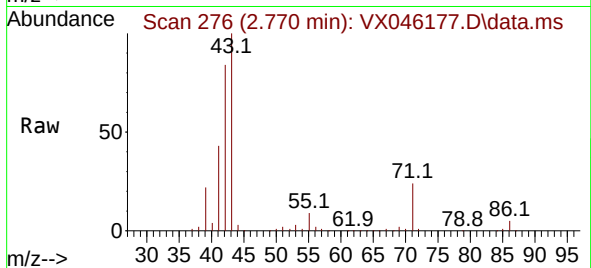




#18
Methyl Acetate
Concen: 279.600 ug/l
RT: 2.770 min Scan# 21
Delta R.T. 0.067 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

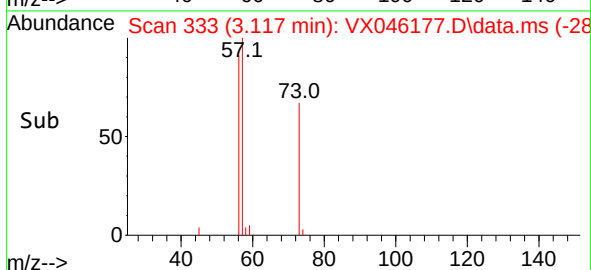
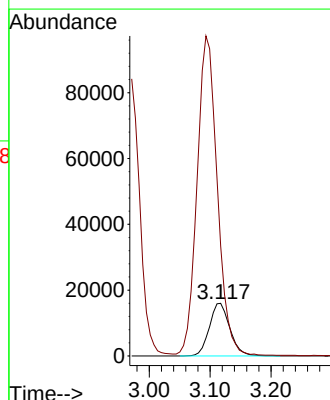
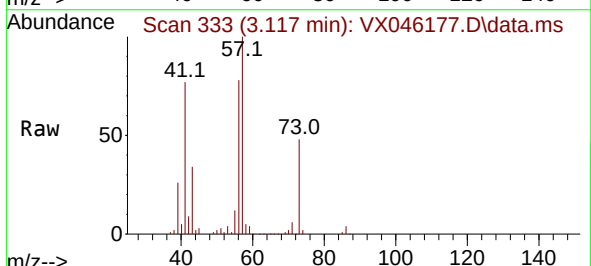
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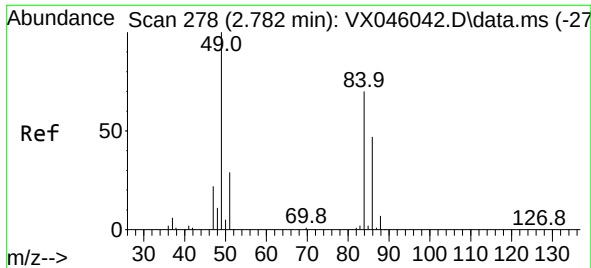
Tgt Ion: 43 Resp: 331552
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: 13.141 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 73 Resp: 37345
Ion Ratio Lower Upper
73 100
57 207.8 17.7 26.5#





#20

Methylene Chloride

Concen: 1.158 ug/l

RT: 2.770 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX046177.D

Acq: 13 May 2025 19:28

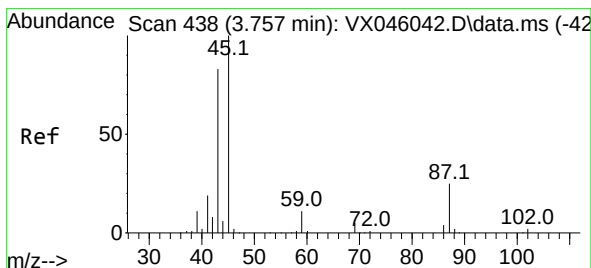
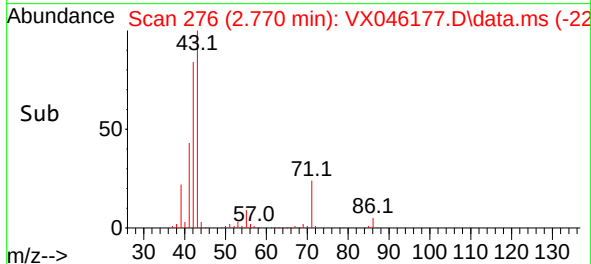
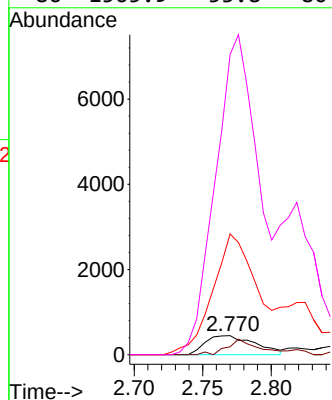
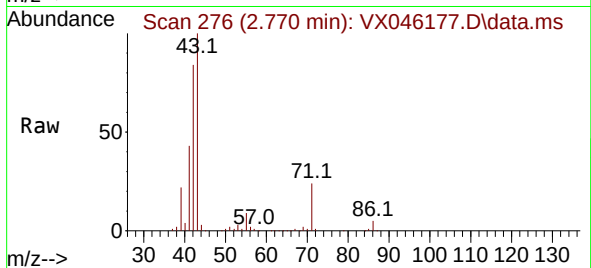
Instrument :

MSVOA_X

ClientSampleId :

MW2

Tgt Ion:	84	Resp:	1134
Ion	Ratio	Lower	Upper
84	100		
49	41.3	113.9	170.9#
51	601.1	33.5	50.3#
86	1565.9	53.8	80.8#



#22

Diisopropyl ether

Concen: 0.793 ug/l

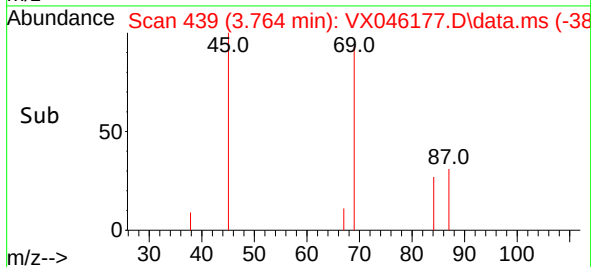
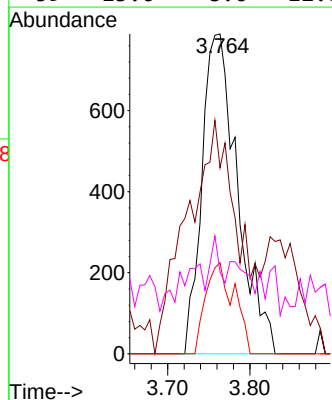
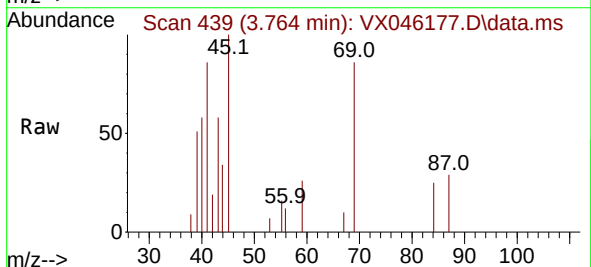
RT: 3.764 min Scan# 439

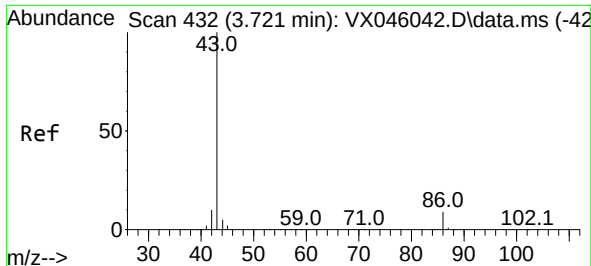
Delta R.T. 0.006 min

Lab File: VX046177.D

Acq: 13 May 2025 19:28

Tgt Ion:	45	Resp:	2373
Ion	Ratio	Lower	Upper
45	100		
43	22.6	66.6	100.0#
87	28.5	19.8	29.6
59	13.6	8.6	12.8#

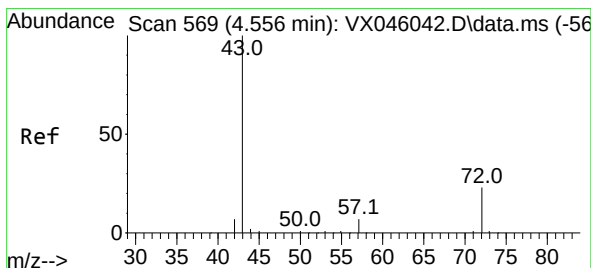
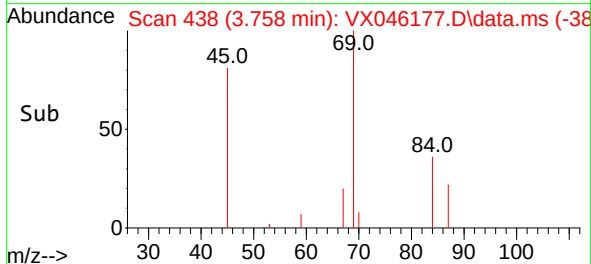
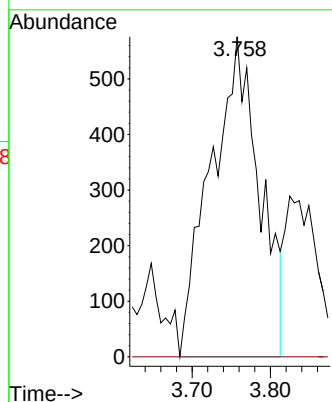
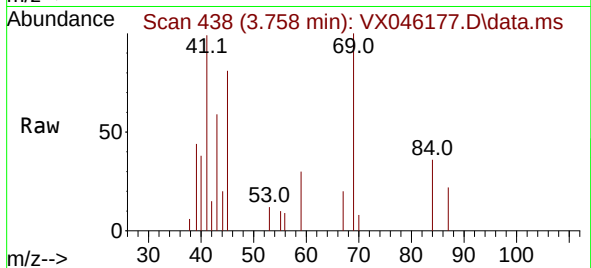




#23
 Vinyl Acetate
 Concen: 0.943 ug/l
 RT: 3.758 min Scan# 41
 Delta R.T. 0.037 min
 Lab File: VX046177.D
 Acq: 13 May 2025 19:28

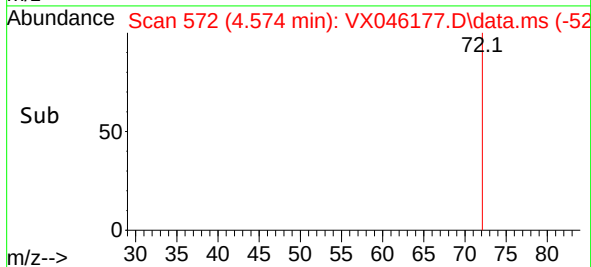
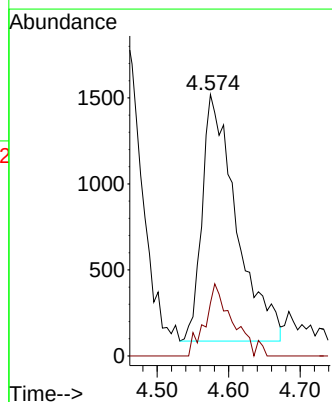
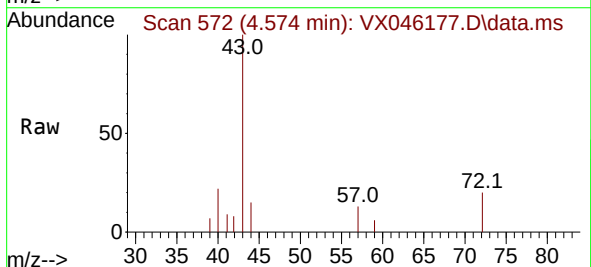
Instrument :
 MSVOA_X
 ClientSampleId :
 MW2

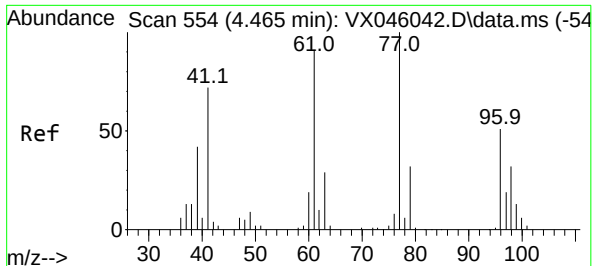
Tgt Ion: 43 Resp: 2483
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.5 11.3#



#25
 2-Butanone
 Concen: 6.446 ug/l
 RT: 4.574 min Scan# 572
 Delta R.T. 0.018 min
 Lab File: VX046177.D
 Acq: 13 May 2025 19:28

Tgt Ion: 43 Resp: 4782
 Ion Ratio Lower Upper
 43 100
 72 21.5 18.4 27.6





#26

2,2-Dichloropropane

Concen: 0.758 ug/l

RT: 4.288 min Scan# 51

Delta R.T. -0.177 min

Lab File: VX046177.D

Acq: 13 May 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

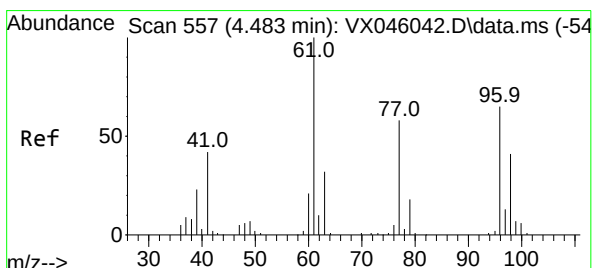
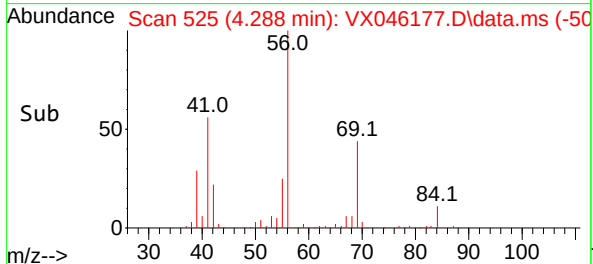
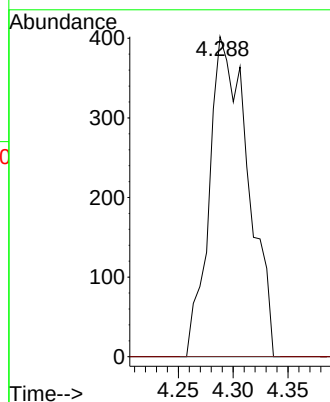
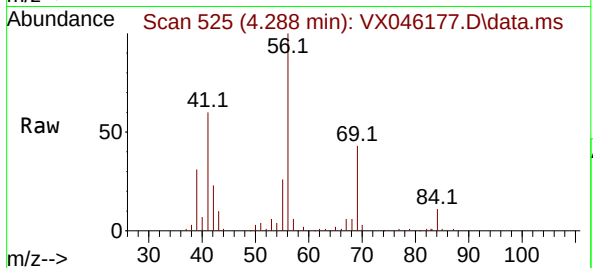
MW2

Tgt Ion: 77 Resp: 989

Ion Ratio Lower Upper

77 100

97 0.0 10.5 31.5#



#27

cis-1,2-Dichloroethene

Concen: 0.291 ug/l

RT: 4.520 min Scan# 563

Delta R.T. 0.037 min

Lab File: VX046177.D

Acq: 13 May 2025 19:28

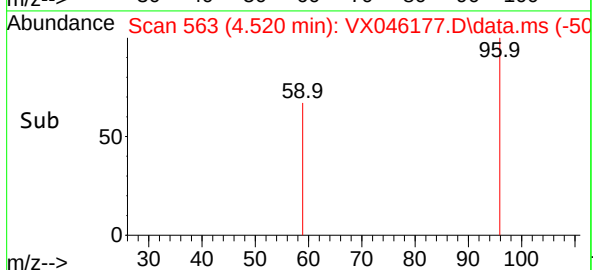
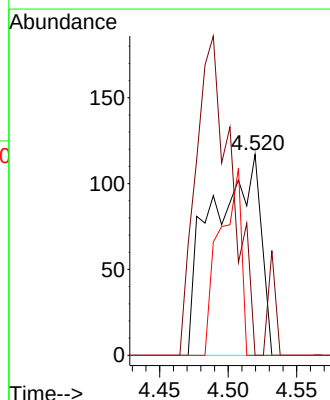
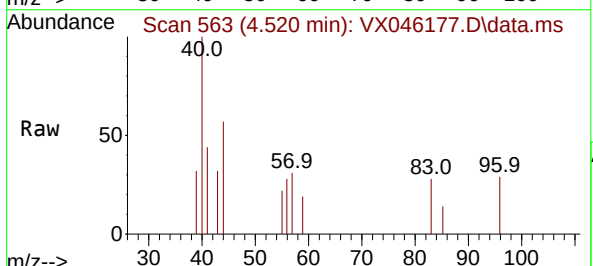
Tgt Ion: 96 Resp: 286

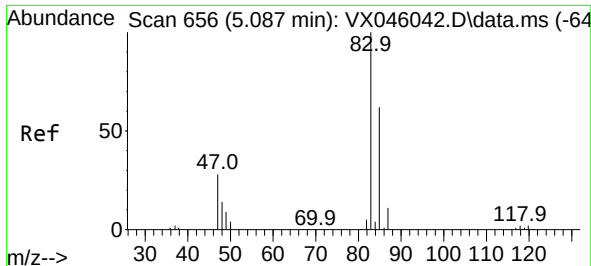
Ion Ratio Lower Upper

96 100

61 7.7 0.0 322.8

98 0.0 0.0 129.0

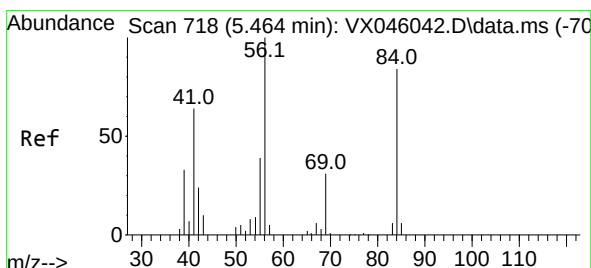
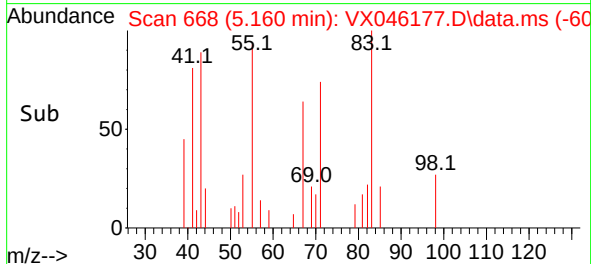
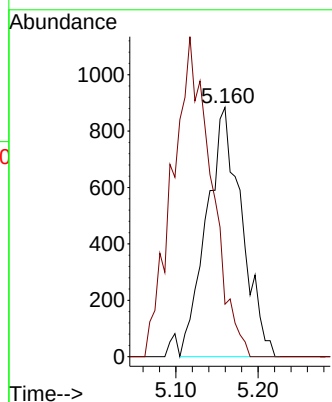
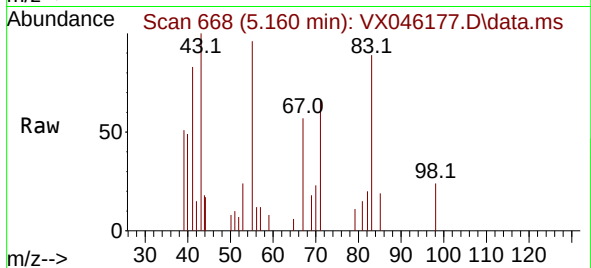




#30
Chloroform
Concen: 1.516 ug/l
RT: 5.160 min Scan# 60
Delta R.T. 0.073 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

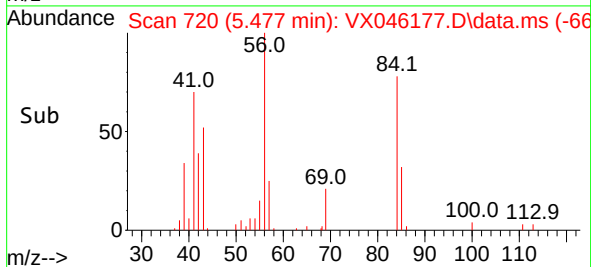
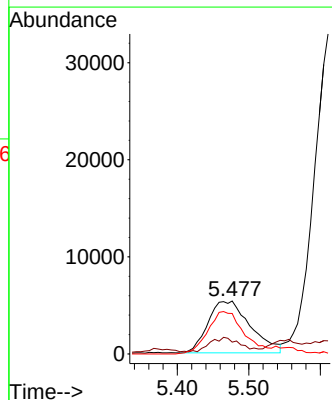
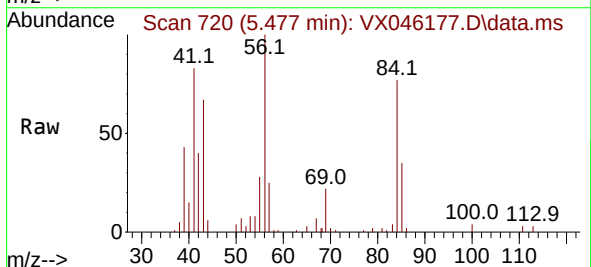
Instrument :
MSVOA_X
ClientSampleId :
MW2

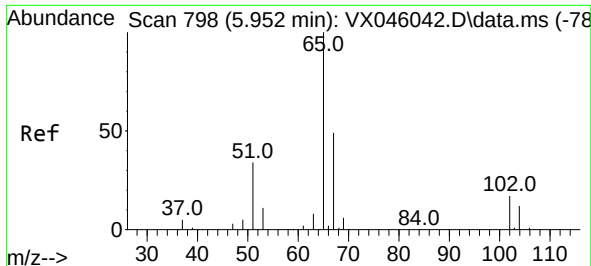
Tgt Ion: 83 Resp: 2633
Ion Ratio Lower Upper
83 100
85 21.0 49.3 73.9#



#31
Cyclohexane
Concen: 14.471 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.012 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 56 Resp: 21979
Ion Ratio Lower Upper
56 100
69 18.7 24.4 36.6#
84 77.1 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 51.097 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046177.D

Acq: 13 May 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

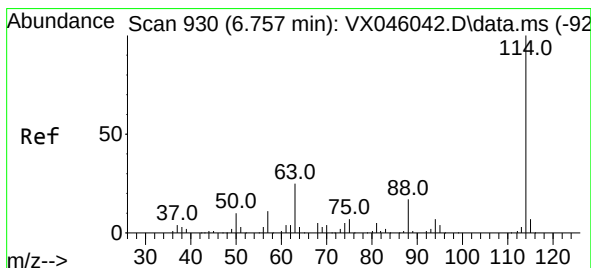
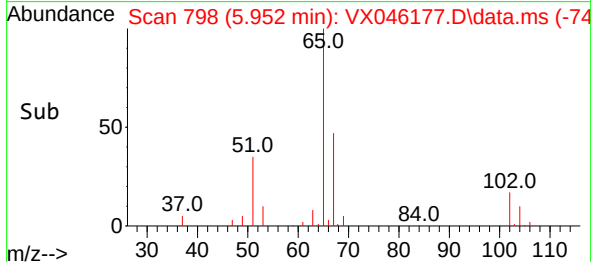
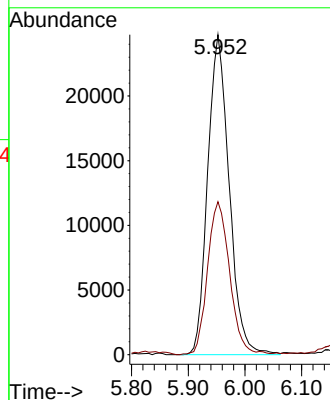
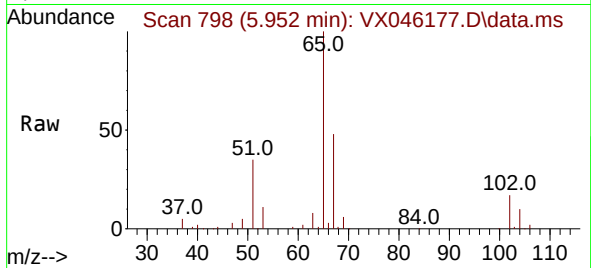
MW2

Tgt Ion: 65 Resp: 65123

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX046177.D

Acq: 13 May 2025 19:28

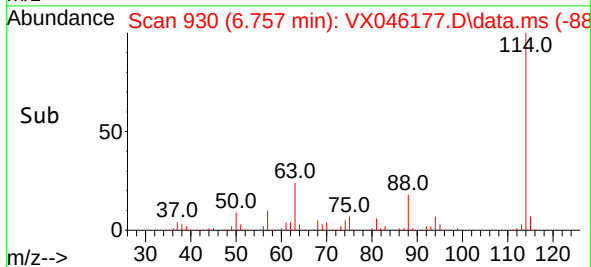
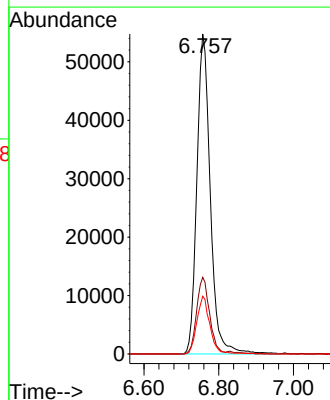
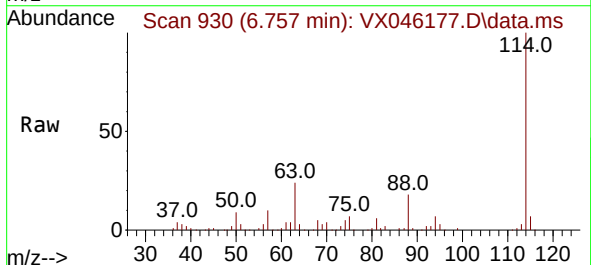
Tgt Ion: 114 Resp: 136439

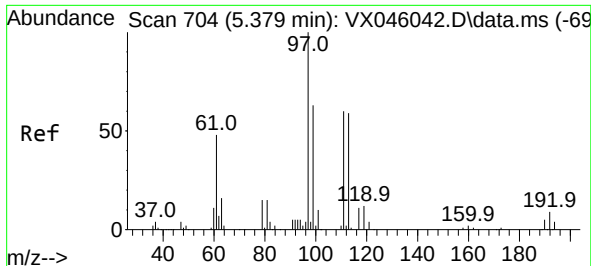
Ion Ratio Lower Upper

114 100

63 24.0 0.0 49.2

88 18.0 0.0 33.6

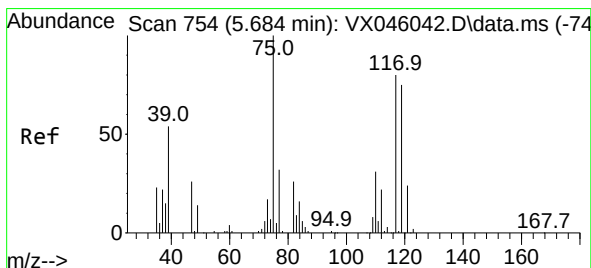
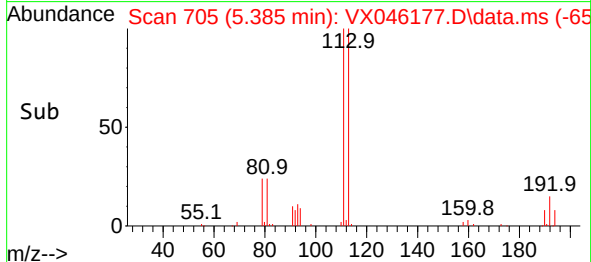
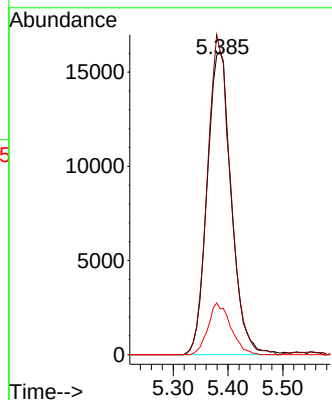
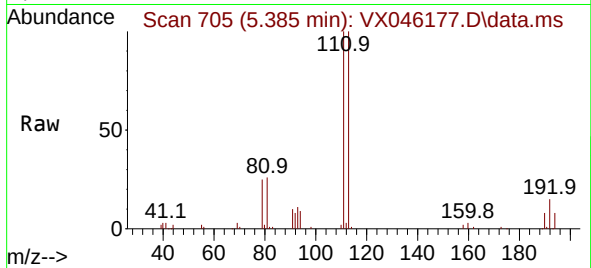




#35
Dibromofluoromethane
Concen: 50.091 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

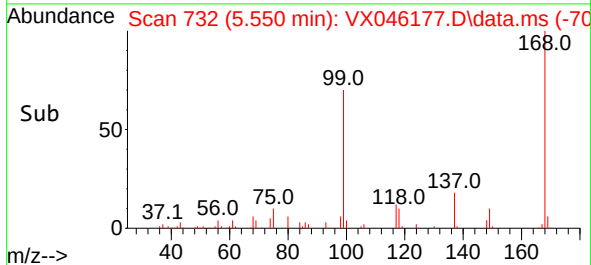
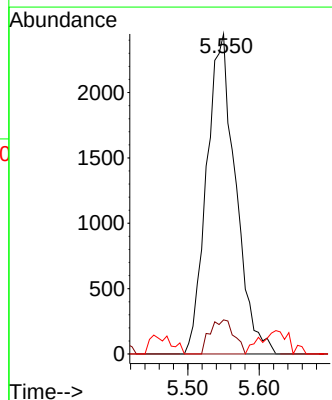
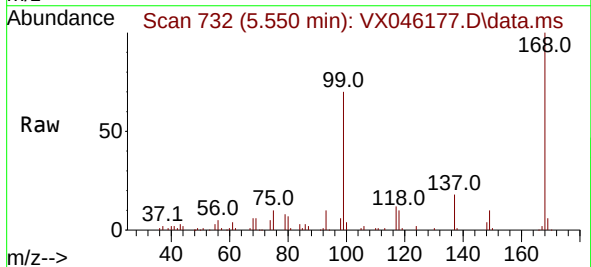
Instrument :
MSVOA_X
ClientSampleId :
MW2

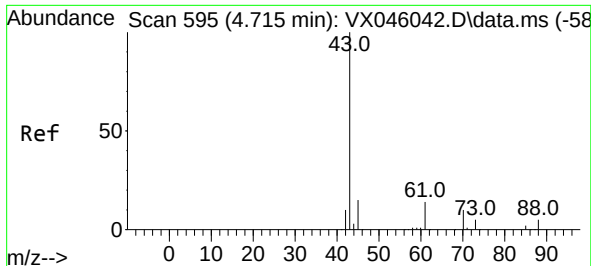
Tgt Ion:113 Resp: 49215
Ion Ratio Lower Upper
113 100
111 101.4 83.1 124.7
192 16.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.200 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 75 Resp: 6865
Ion Ratio Lower Upper
75 100
110 8.8 16.3 48.9#
77 0.0 24.3 36.5#

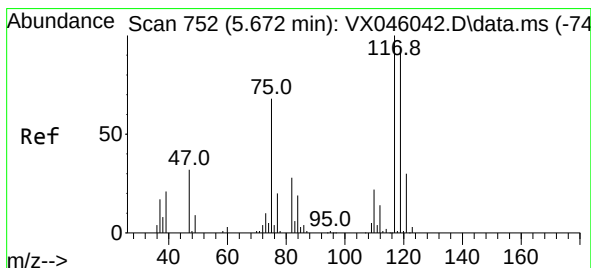
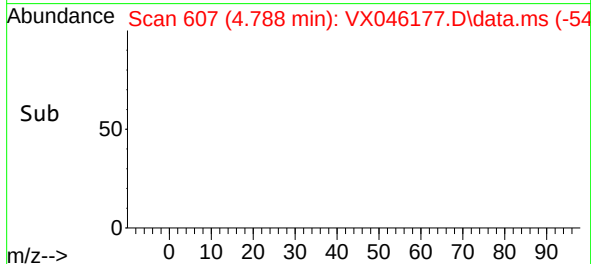
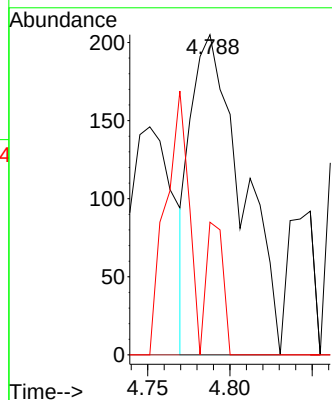
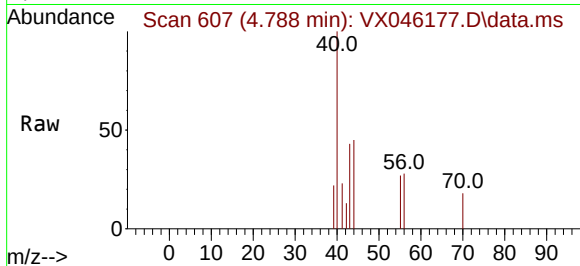




#37
Ethyl Acetate
Concen: 0.273 ug/l
RT: 4.788 min Scan# 607
Delta R.T. 0.073 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

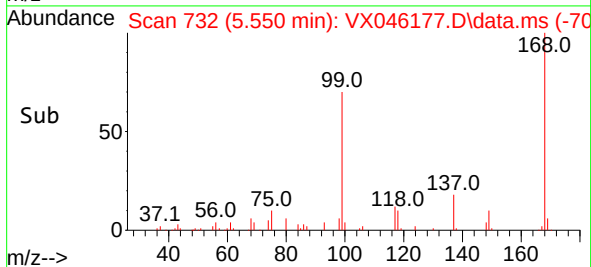
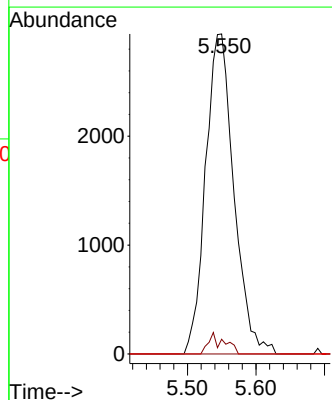
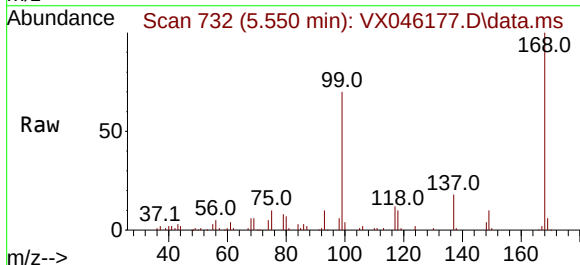
Instrument :
MSVOA_X
ClientSampleId :
MW2

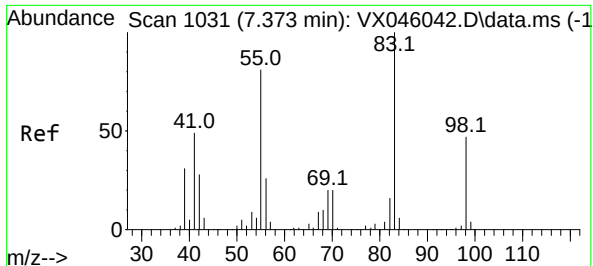
Tgt Ion: 43 Resp: 446
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 13.5 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.698 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 117 Resp: 8452
Ion Ratio Lower Upper
117 100
119 4.6 75.2 112.8#
121 0.0 24.2 36.4#





#39

Methylcyclohexane

Concen: 14.058 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX046177.D

Acq: 13 May 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW2

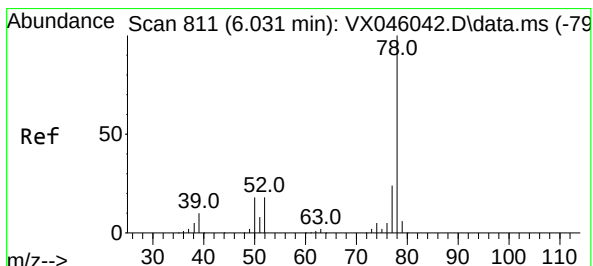
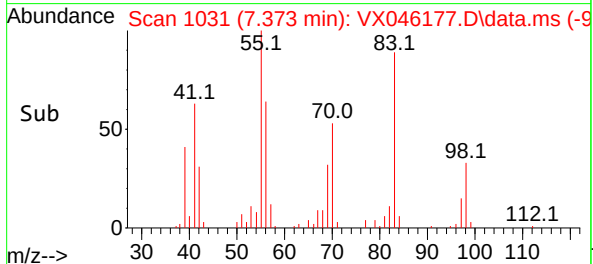
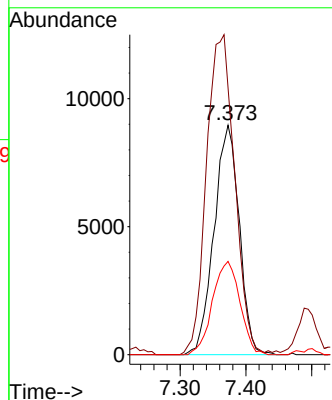
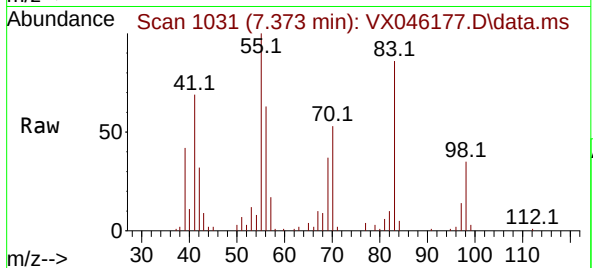
Tgt Ion: 83 Resp: 23892

Ion Ratio Lower Upper

83 100

55 116.3 64.7 97.1#

98 40.7 37.4 56.2



#40

Benzene

Concen: 55.550 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX046177.D

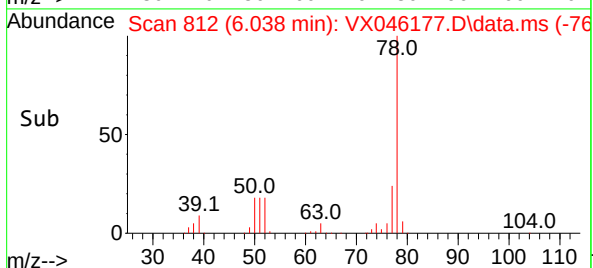
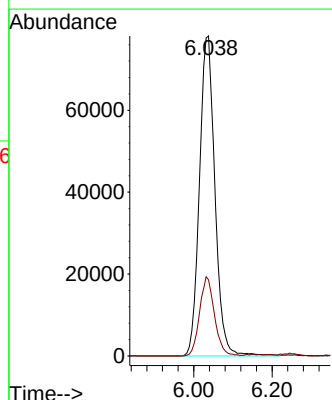
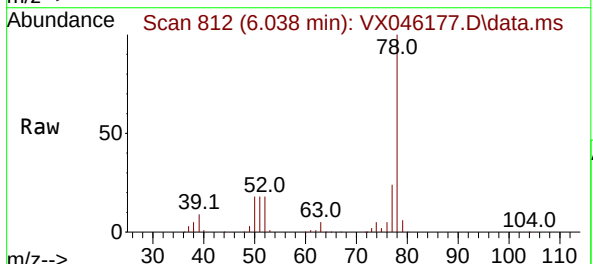
Acq: 13 May 2025 19:28

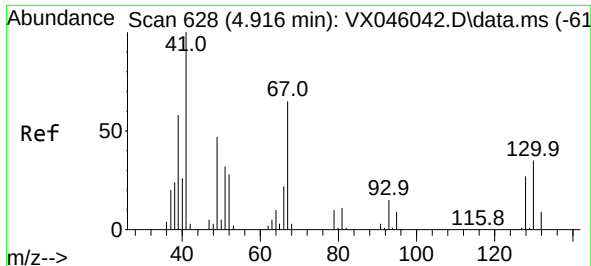
Tgt Ion: 78 Resp: 214793

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4



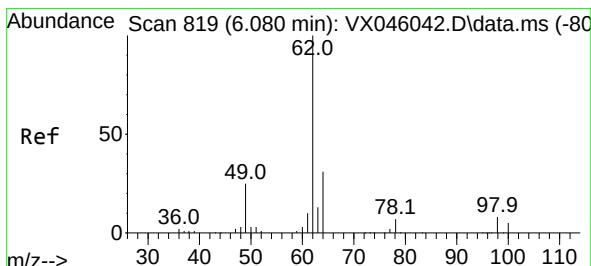
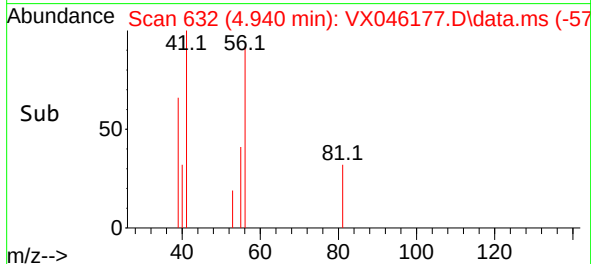
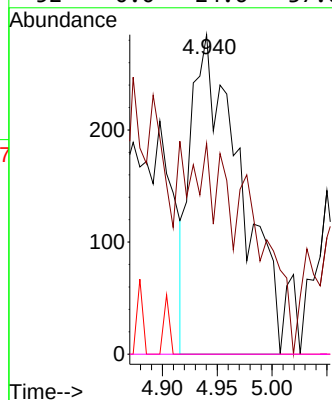
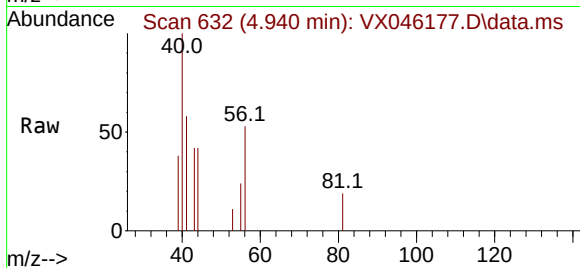


#41
Methacrylonitrile
Concen: 1.045 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion: 41 Resp: 892

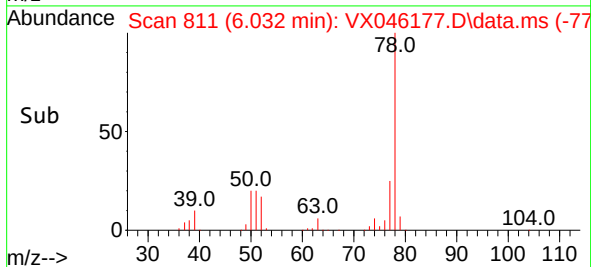
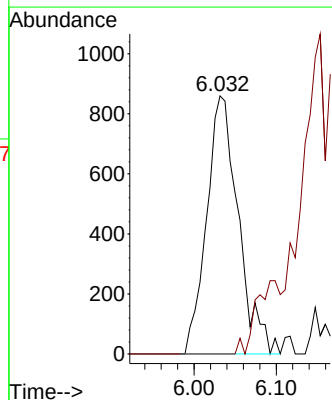
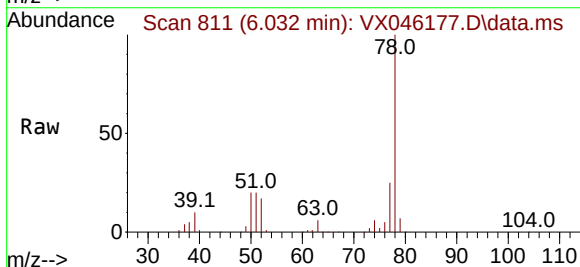
Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.2	70.8#
67	0.0	50.7	76.1#
52	0.0	24.6	37.0#

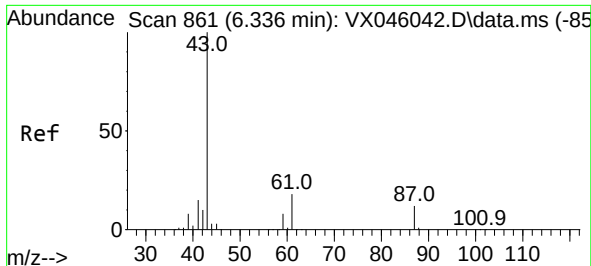


#42
1,2-Dichloroethane
Concen: 1.384 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.049 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 62 Resp: 2309

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.2

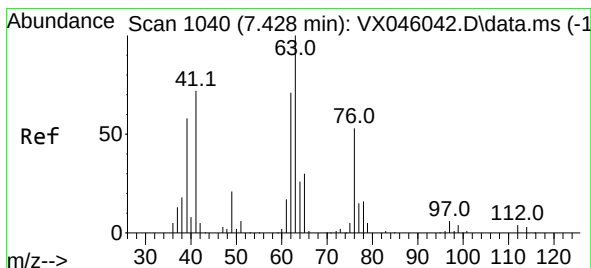
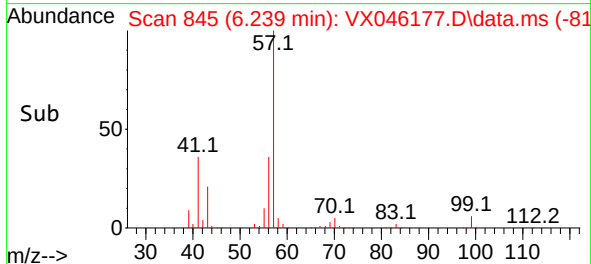
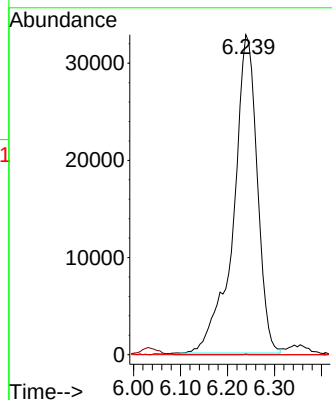
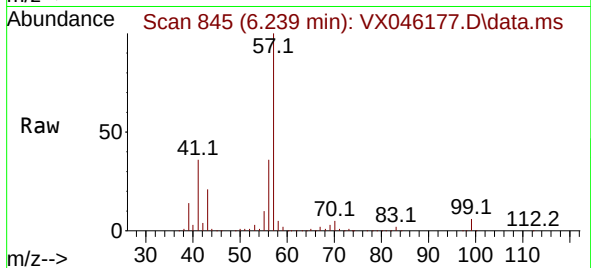




#43
Isopropyl Acetate
Concen: 46.272 ug/l
RT: 6.239 min Scan# 84
Delta R.T. -0.097 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

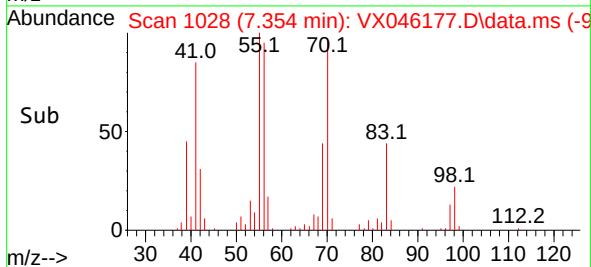
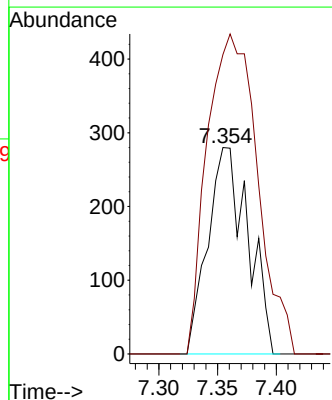
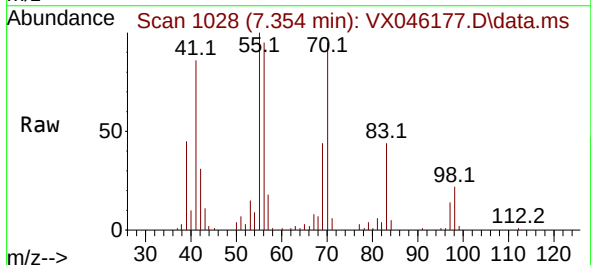
Instrument :
MSVOA_X
ClientSampleId :
MW2

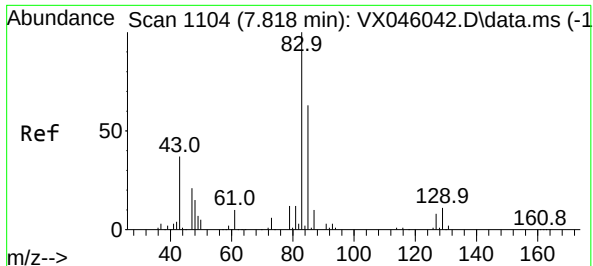
Tgt Ion: 43 Resp: 115131
Ion Ratio Lower Upper
43 100
61 0.0 14.3 21.5#
87 0.0 9.5 14.3#



#45
1,2-Dichloropropane
Concen: 0.695 ug/l
RT: 7.354 min Scan# 1028
Delta R.T. -0.073 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 63 Resp: 668
Ion Ratio Lower Upper
63 100
65 145.0 24.1 36.1#

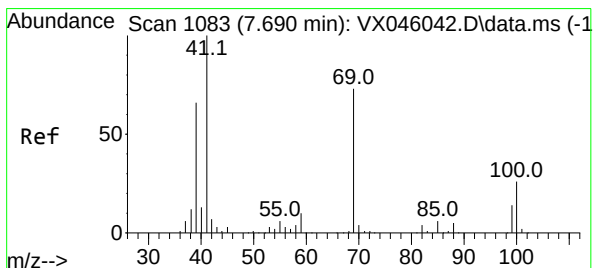
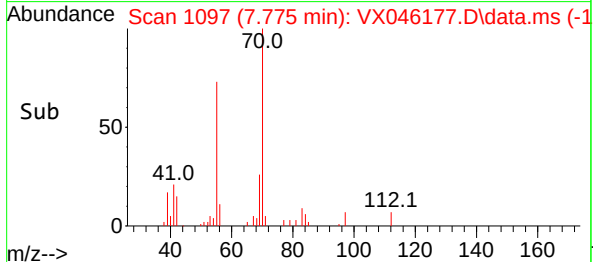
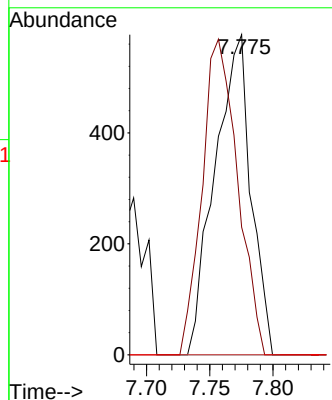
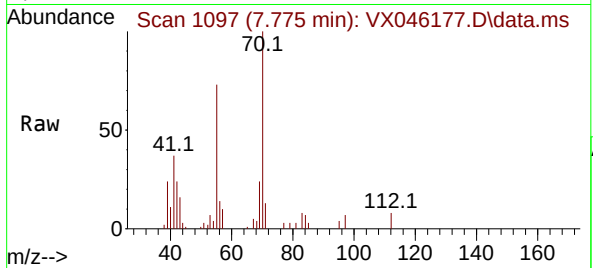




#47
Bromodichloromethane
Concen: 0.765 ug/l
RT: 7.775 min Scan# 1097
Delta R.T. -0.043 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

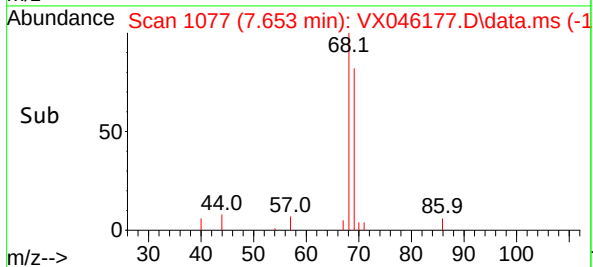
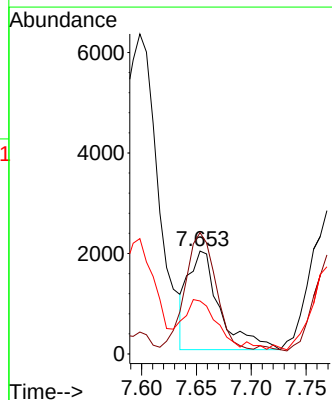
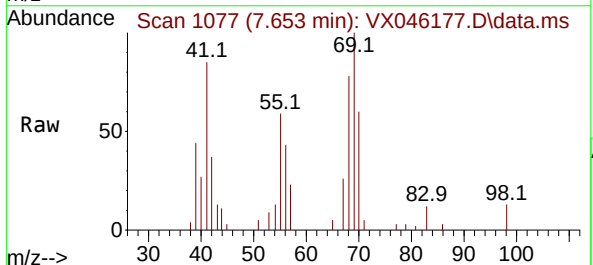
Instrument :
MSVOA_X
ClientSampleId :
MW2

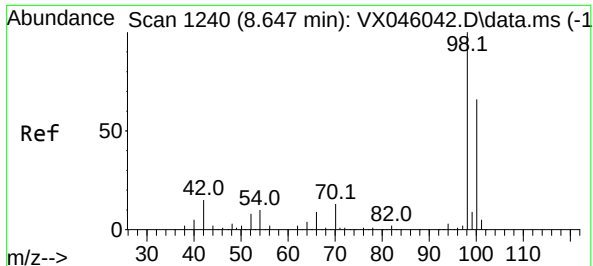
Tgt Ion: 83 Resp: 1142
Ion Ratio Lower Upper
83 100
85 39.9 50.5 75.7#
127 0.0 6.5 9.7#



#48
Methyl methacrylate
Concen: 3.114 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.036 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 41 Resp: 3957
Ion Ratio Lower Upper
41 100
69 113.4 58.5 87.7#
39 48.1 51.7 77.5#

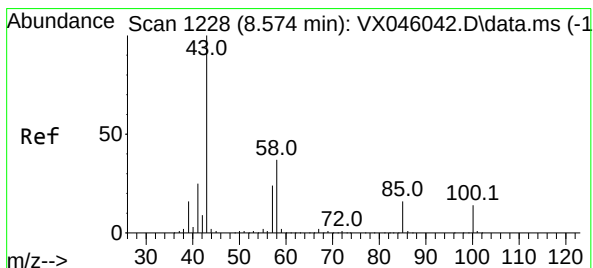
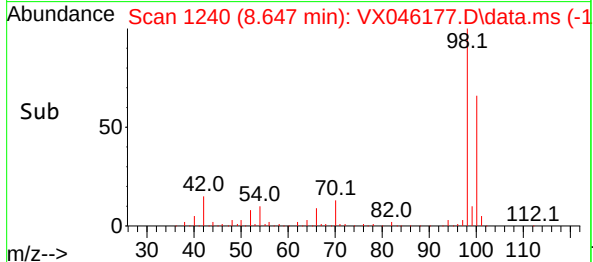
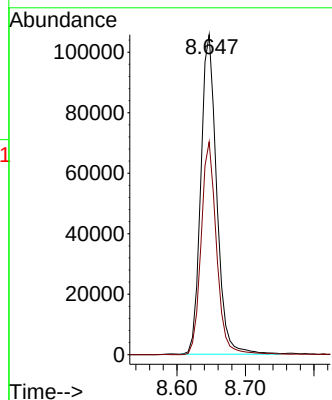
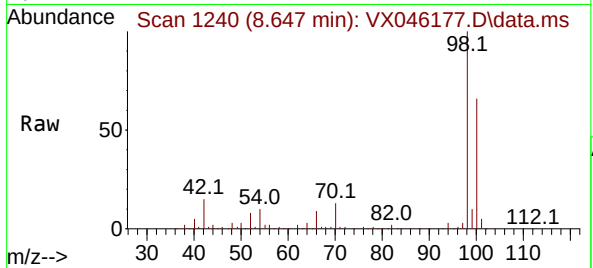




#50
Toluene-d8
Concen: 50.121 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

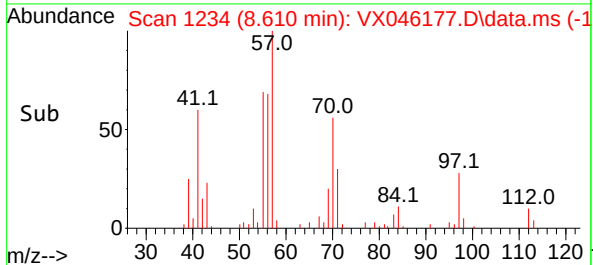
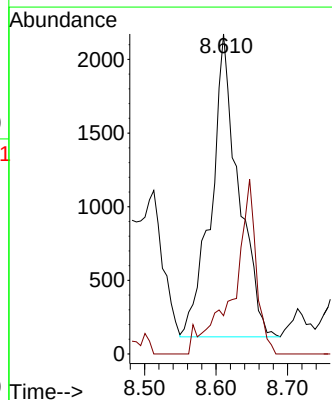
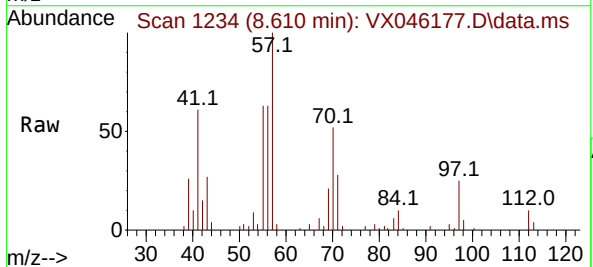
Instrument :
MSVOA_X
ClientSampleId :
MW2

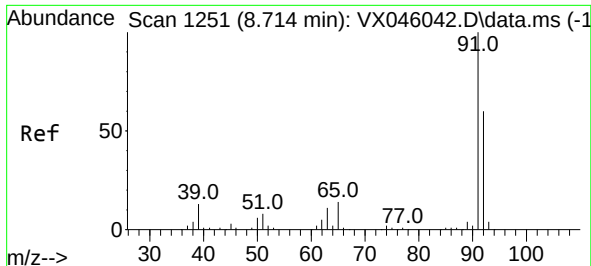
Tgt Ion: 98 Resp: 170440
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 3.286 ug/l
RT: 8.610 min Scan# 1234
Delta R.T. 0.037 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 43 Resp: 5427
Ion Ratio Lower Upper
43 100
58 0.0 28.9 43.3#





#52

Toluene

Concen: 1.441 ug/l

RT: 8.714 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046177.D

Acq: 13 May 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

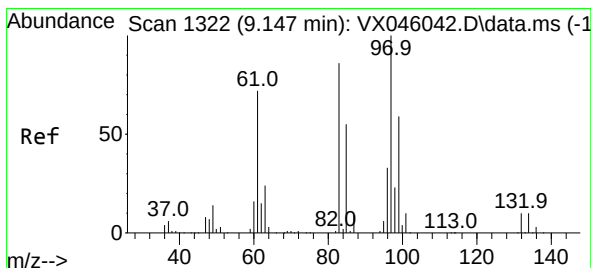
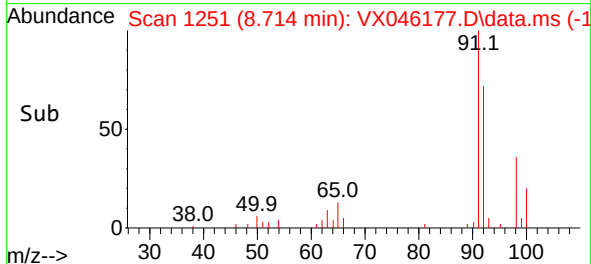
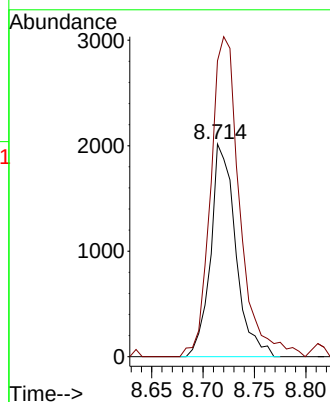
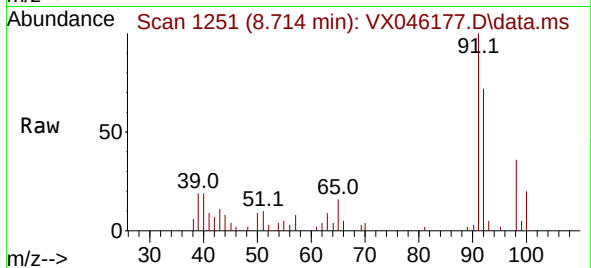
MW2

Tgt Ion: 92 Resp: 3417

Ion Ratio Lower Upper

92 100

91 174.8 136.6 205.0



#55

1,1,2-Trichloroethane

Concen: 0.605 ug/l

RT: 9.196 min Scan# 1330

Delta R.T. 0.049 min

Lab File: VX046177.D

Acq: 13 May 2025 19:28

Tgt Ion: 97 Resp: 566

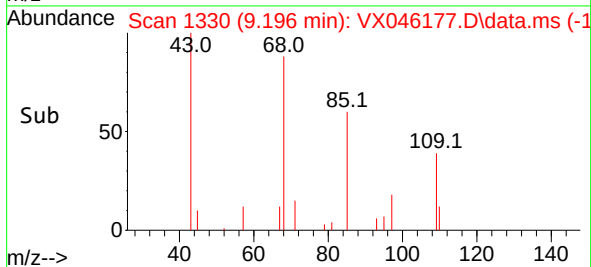
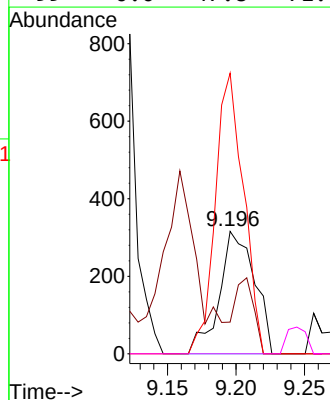
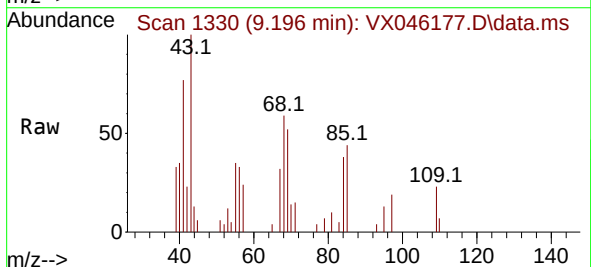
Ion Ratio Lower Upper

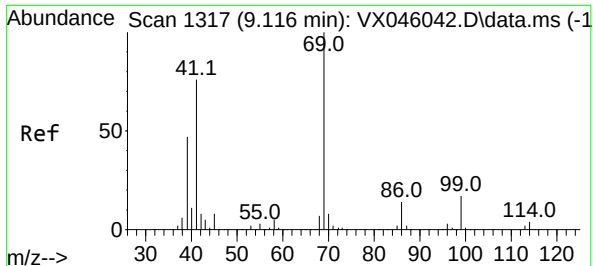
97 100

83 25.9 69.0 103.6#

85 229.1 44.3 66.5#

99 0.0 47.8 71.6#

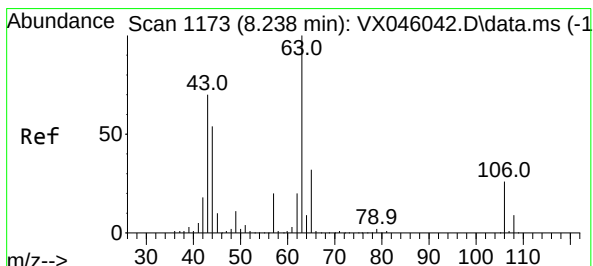
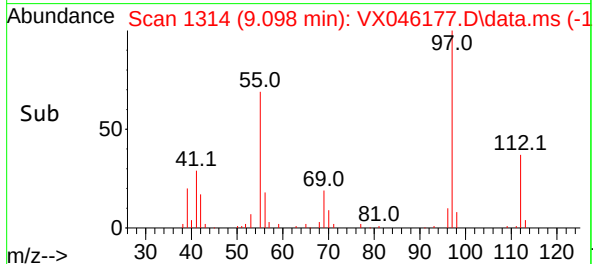
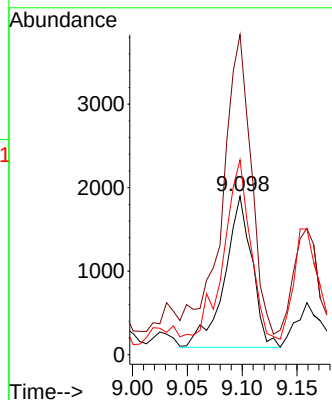
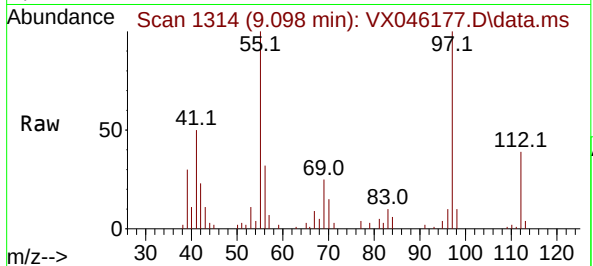




#56
Ethyl methacrylate
Concen: 2.107 ug/l
RT: 9.098 min Scan# 1151
Delta R.T. -0.018 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

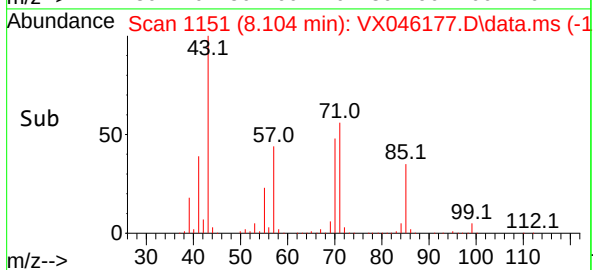
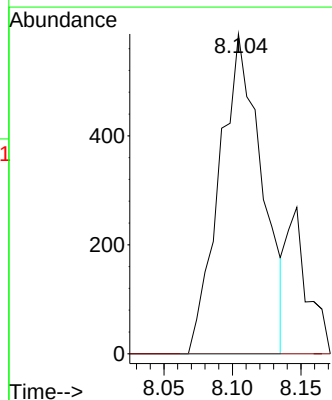
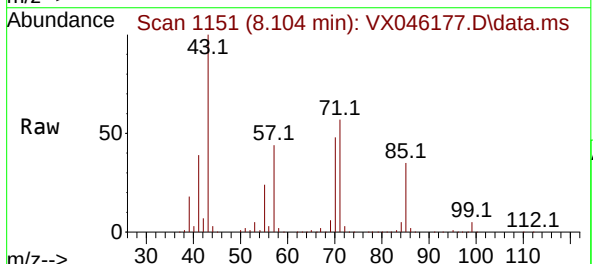
Instrument :
MSVOA_X
ClientSampleId :
MW2

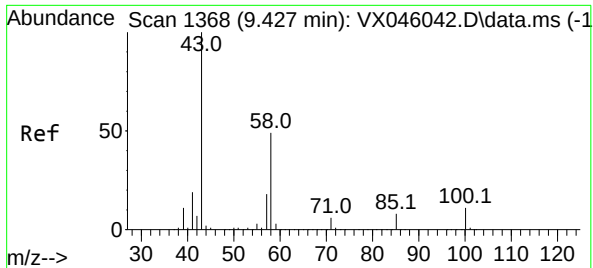
Tgt Ion: 69 Resp: 3139
Ion Ratio Lower Upper
69 100
41 206.5 60.8 91.2#
39 114.5 39.0 58.6#



#58
2-Chloroethyl Vinyl ether
Concen: 1.664 ug/l
RT: 8.104 min Scan# 1151
Delta R.T. -0.134 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 63 Resp: 1264
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

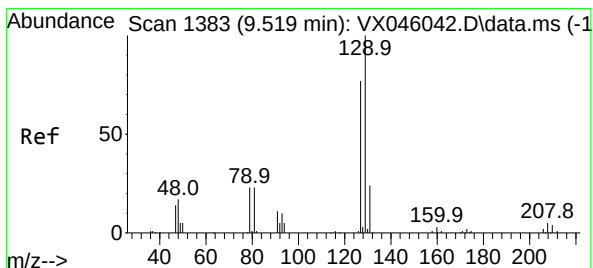
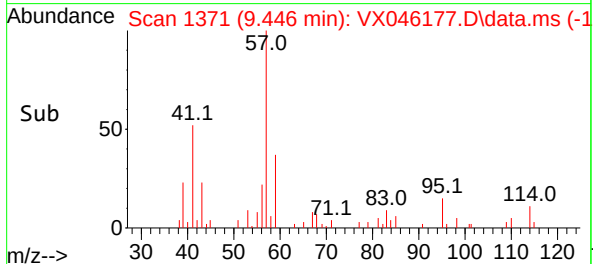
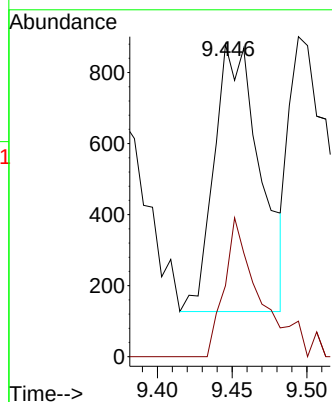
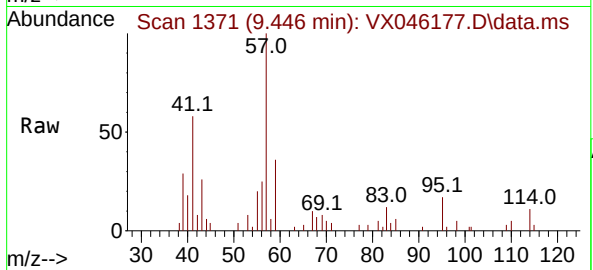




#59
2-Hexanone
Concen: 1.316 ug/l
RT: 9.446 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

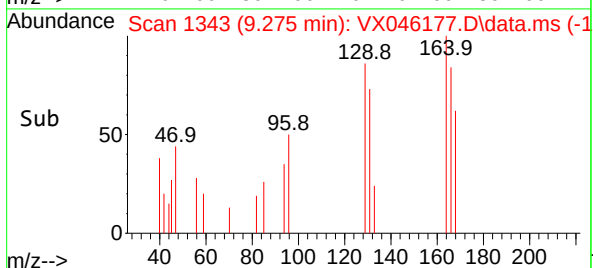
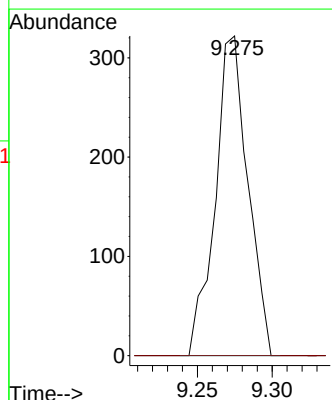
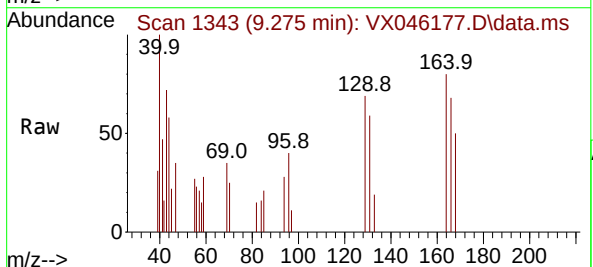
Instrument :
MSVOA_X
ClientSampleId :
MW2

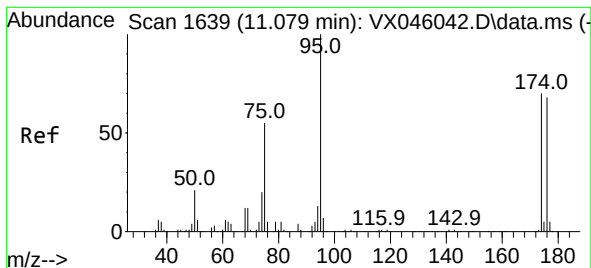
Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
58 41.6 24.9 74.6



#60
Dibromochloromethane
Concen: 0.476 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 129 Resp: 489
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.8#

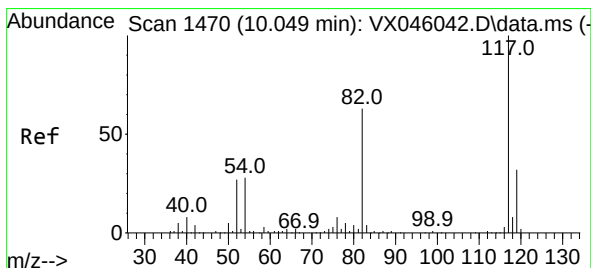
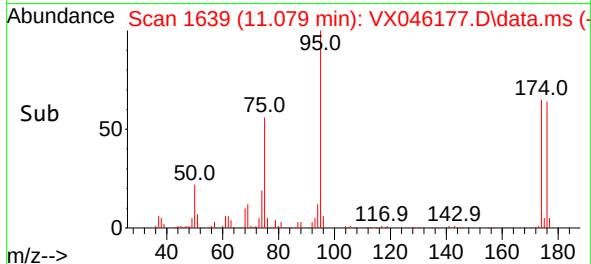
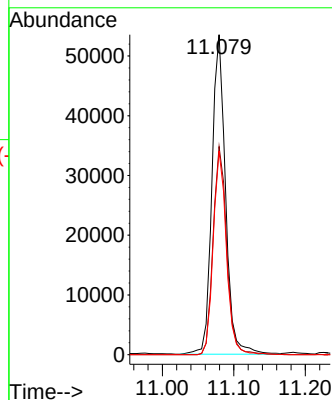
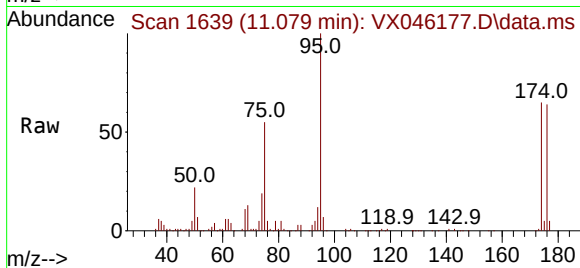




#62
4-Bromofluorobenzene
Concen: 54.226 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

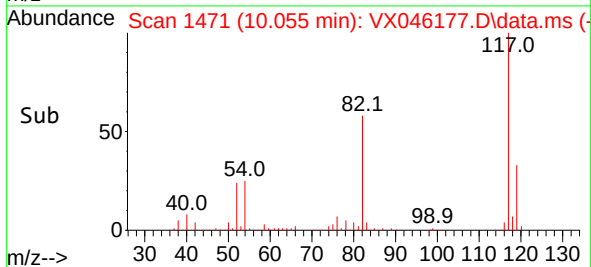
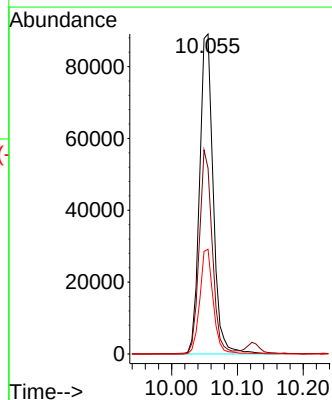
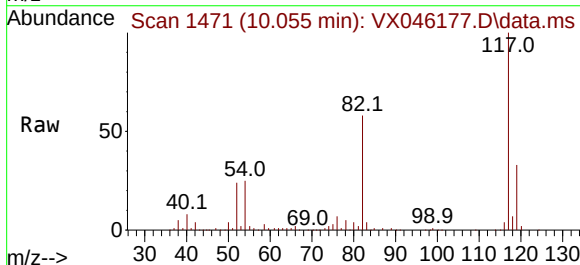
Instrument :
MSVOA_X
ClientSampleId :
MW2

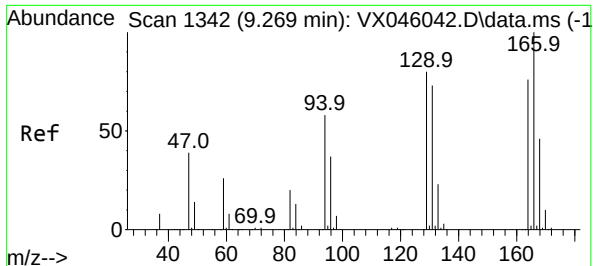
Tgt Ion: 95 Resp: 70733
Ion Ratio Lower Upper
95 100
174 65.3 0.0 135.8
176 61.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 117 Resp: 128432
Ion Ratio Lower Upper
117 100
82 57.8 50.6 76.0
119 32.7 25.8 38.6

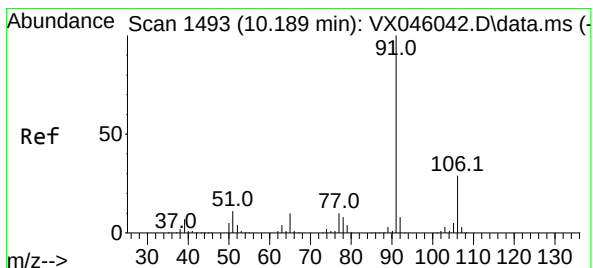
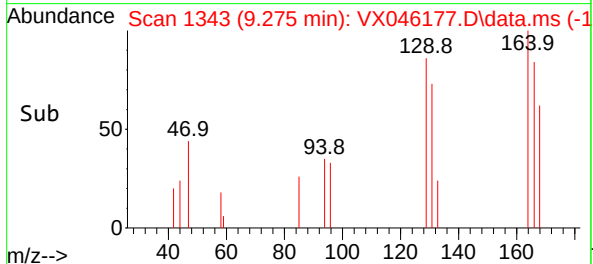
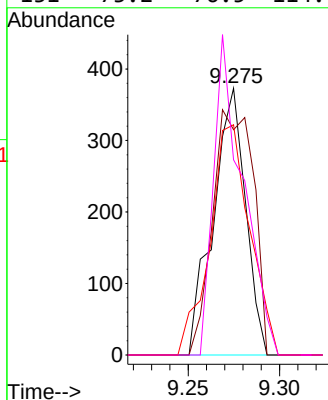
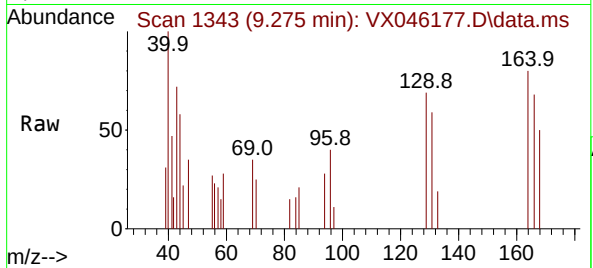




#64
Tetrachloroethene
Concen: 0.506 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

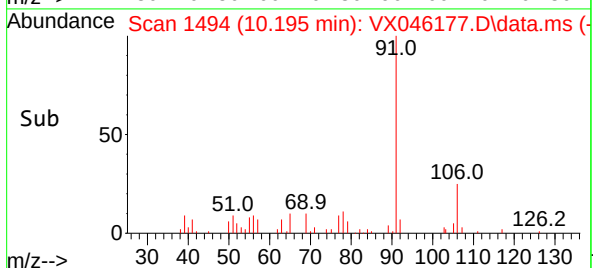
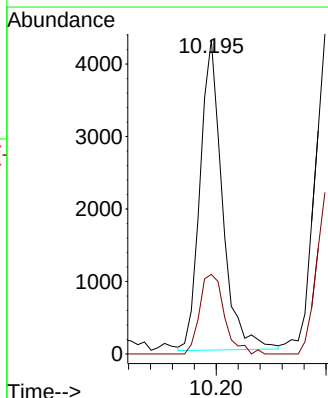
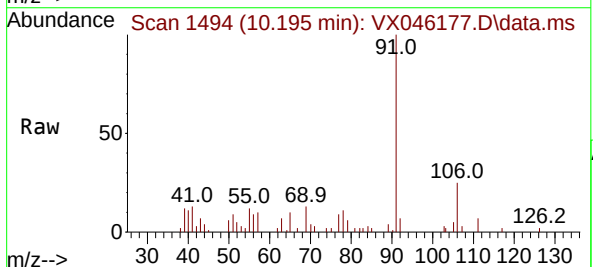
Instrument :
MSVOA_X
ClientSampleId :
MW2

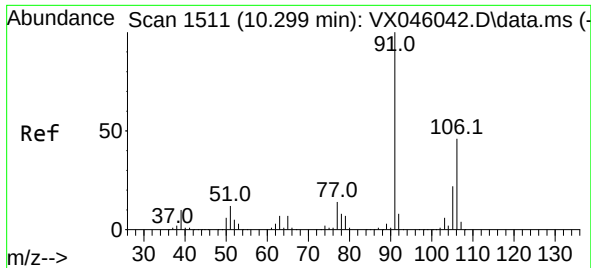
Tgt Ion:164 Resp: 460
Ion Ratio Lower Upper
164 100
166 84.5 105.0 157.6#
129 86.3 83.5 125.3
131 73.2 76.5 114.7#



#67
Ethyl Benzene
Concen: 1.216 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 91 Resp: 6026
Ion Ratio Lower Upper
91 100
106 25.8 23.4 35.2

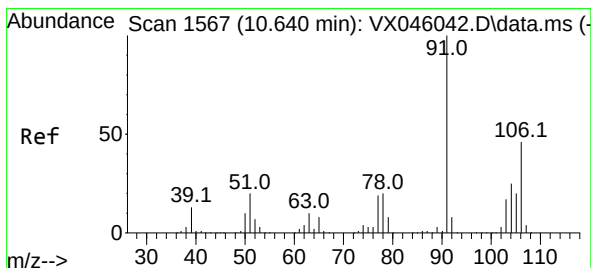
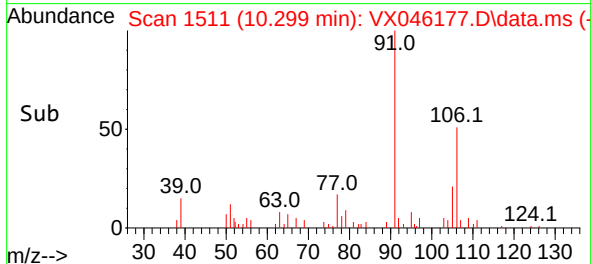
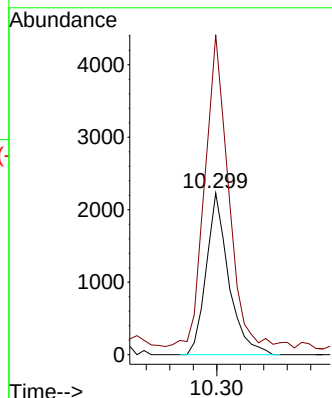
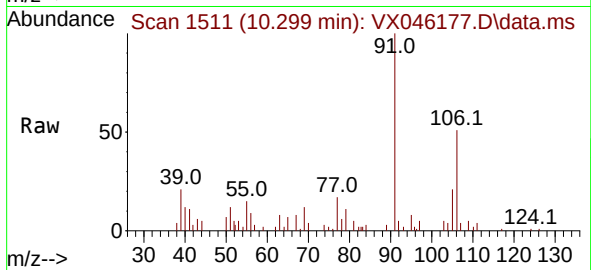




#68
m/p-Xylenes
Concen: 1.632 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

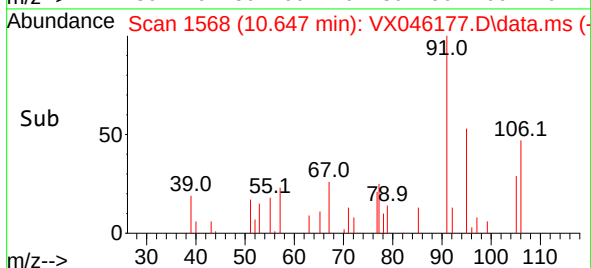
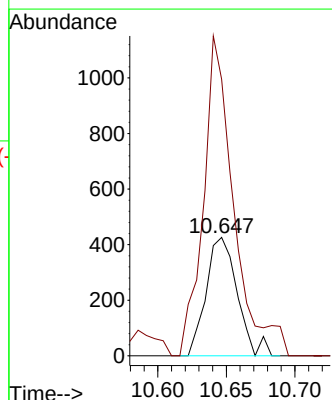
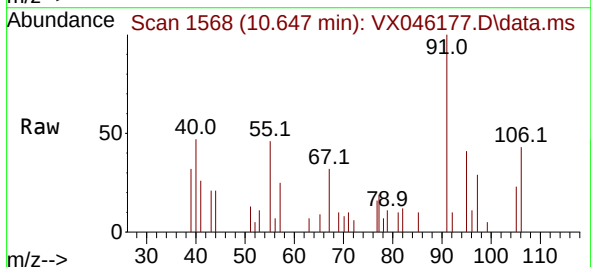
Instrument :
MSVOA_X
ClientSampleId :
MW2

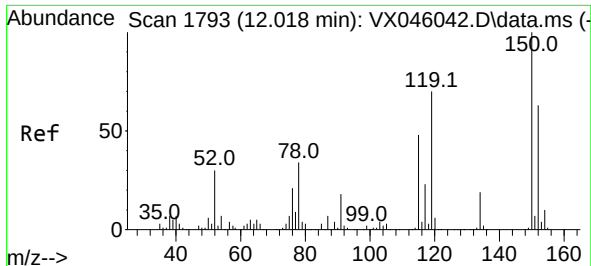
Tgt Ion:106 Resp: 2958
Ion Ratio Lower Upper
106 100
91 209.0 171.2 256.8



#69
o-Xylene
Concen: 0.381 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion:106 Resp: 674
Ion Ratio Lower Upper
106 100
91 263.2 112.7 338.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046177.D

Acq: 13 May 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW2

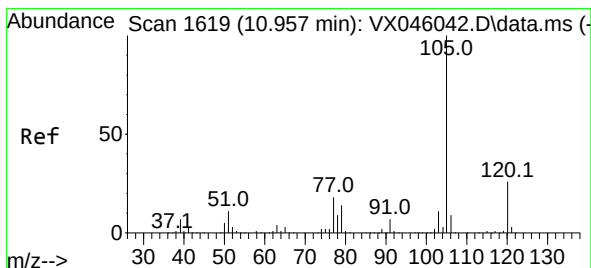
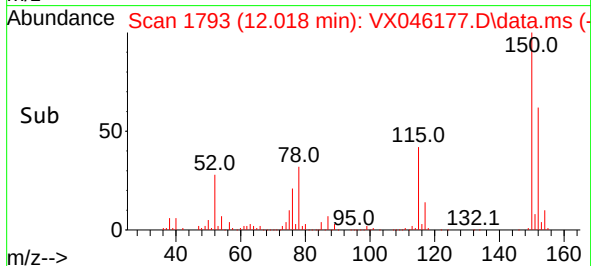
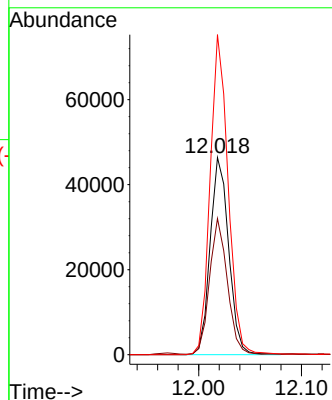
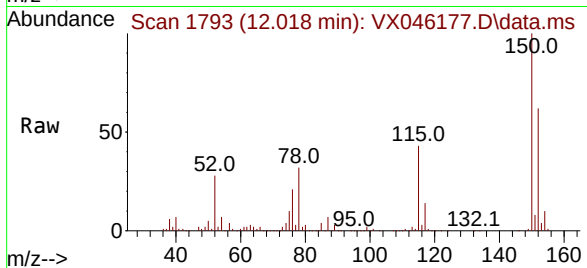
Tgt Ion:152 Resp: 58317

Ion Ratio Lower Upper

152 100

115 65.5 46.9 140.7

150 157.1 0.0 351.0



#73

Isopropylbenzene

Concen: 68.179 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX046177.D

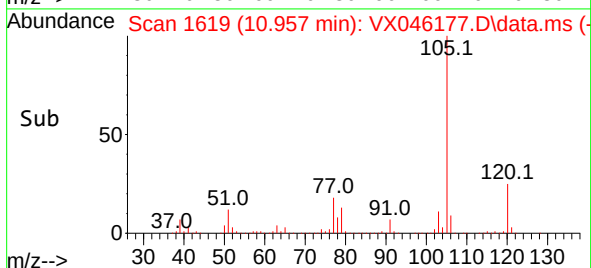
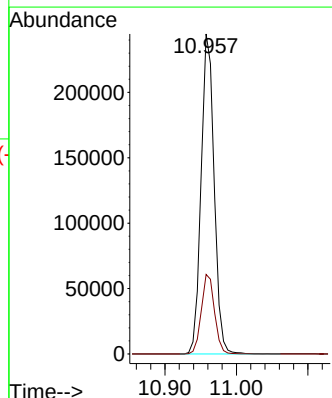
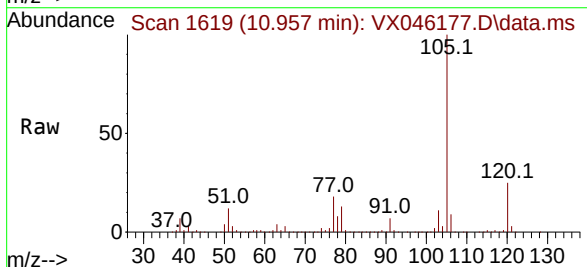
Acq: 13 May 2025 19:28

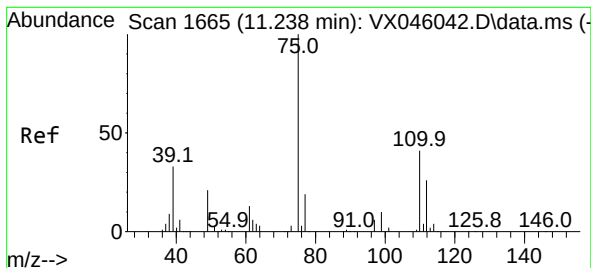
Tgt Ion:105 Resp: 309541

Ion Ratio Lower Upper

105 100

120 25.1 12.8 38.4





#76

1,2,3-Trichloropropane

Concen: 4.410 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.067 min

Lab File: VX046177.D

Acq: 13 May 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

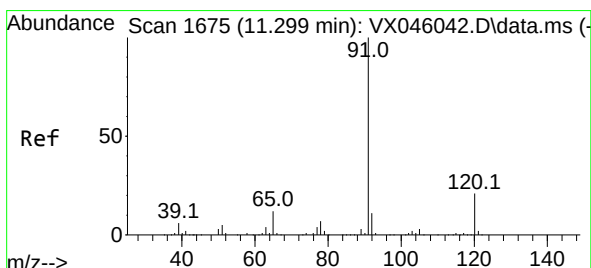
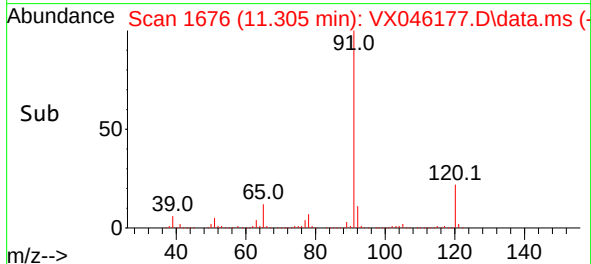
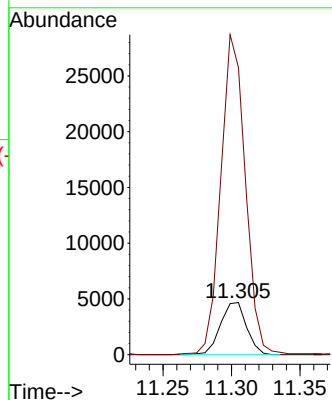
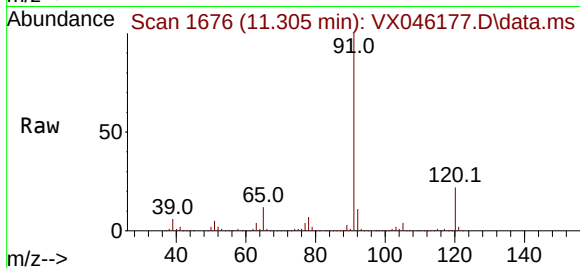
MW2

Tgt Ion: 75 Resp: 6190

Ion Ratio Lower Upper

75 100

77 579.4 20.5 61.5#



#78

n-propylbenzene

Concen: 155.709 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX046177.D

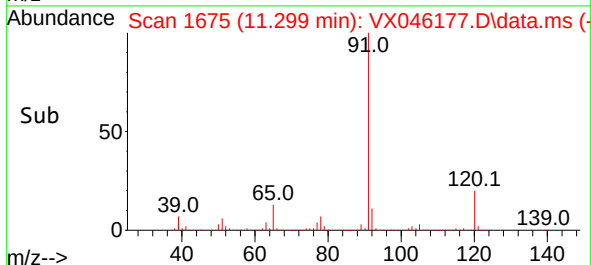
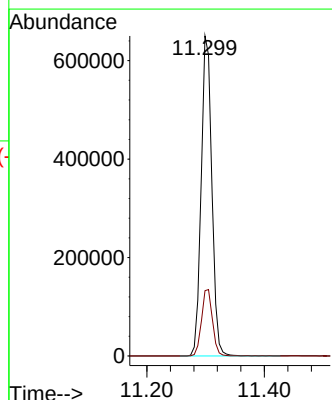
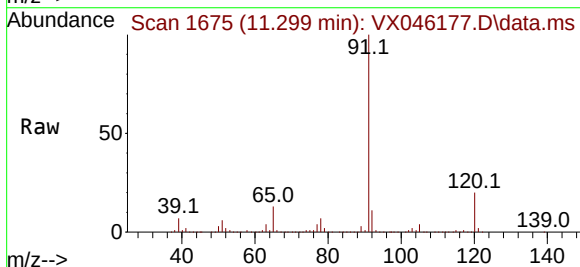
Acq: 13 May 2025 19:28

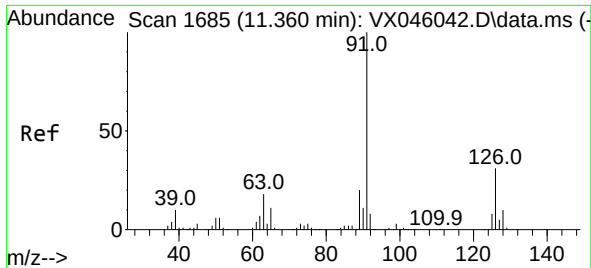
Tgt Ion: 91 Resp: 821992

Ion Ratio Lower Upper

91 100

120 21.2 10.8 32.4

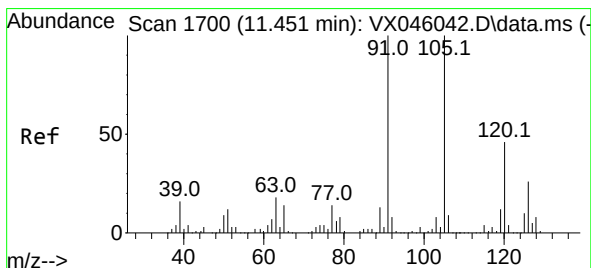
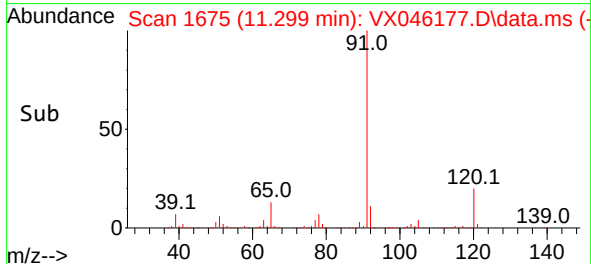
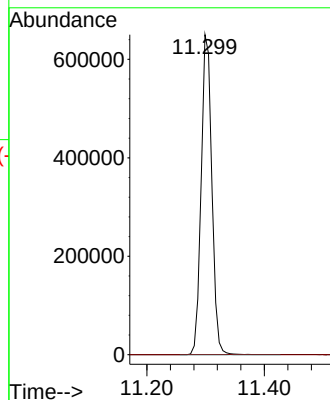
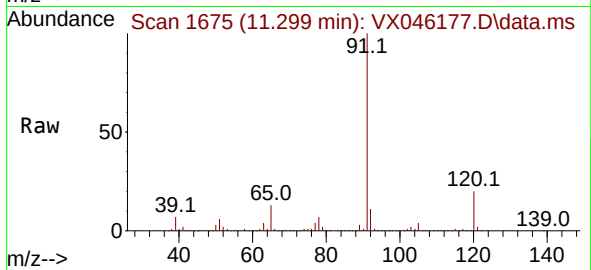




#79
2-Chlorotoluene
Concen: 241.407 ug/l
RT: 11.299 min Scan# 11
Delta R.T. -0.061 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

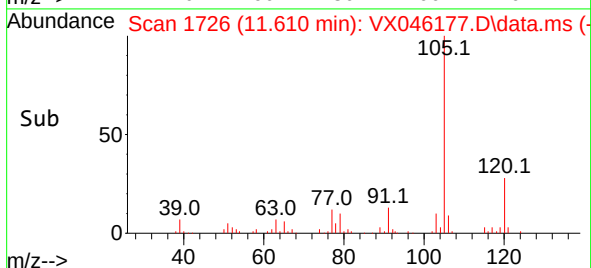
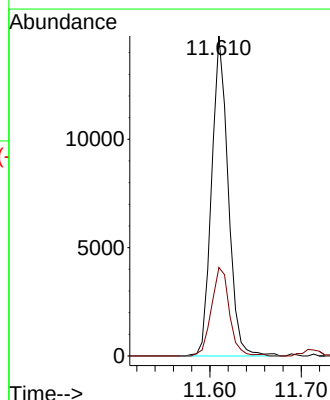
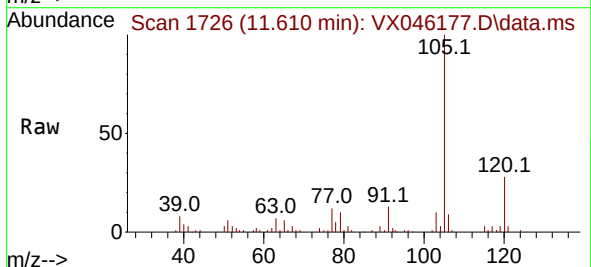
Instrument :
MSVOA_X
ClientSampleId :
MW2

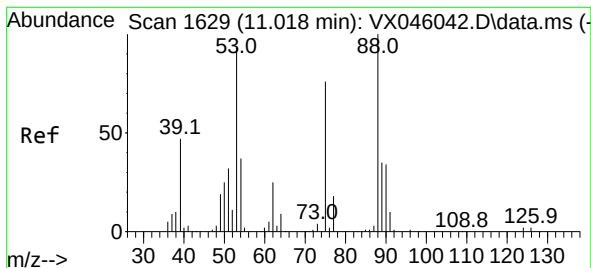
Tgt Ion: 91 Resp: 821992
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#



#80
1,3,5-Trimethylbenzene
Concen: 4.878 ug/l
RT: 11.610 min Scan# 1726
Delta R.T. 0.159 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 105 Resp: 18504
Ion Ratio Lower Upper
105 100
120 30.1 23.1 69.2

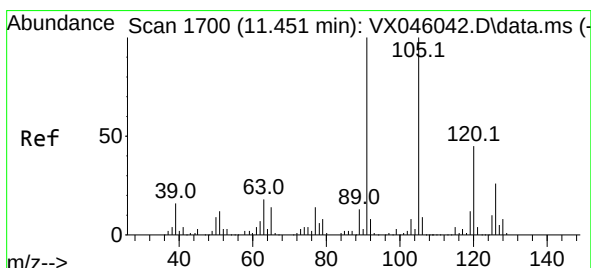
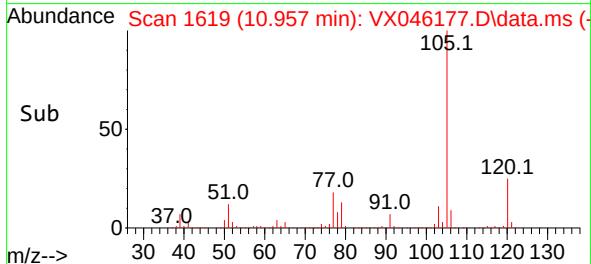
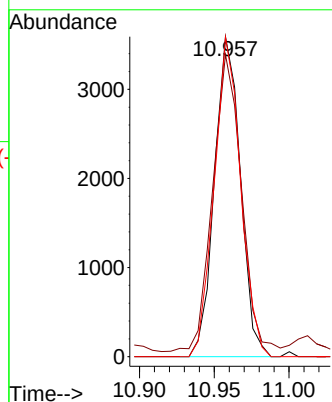
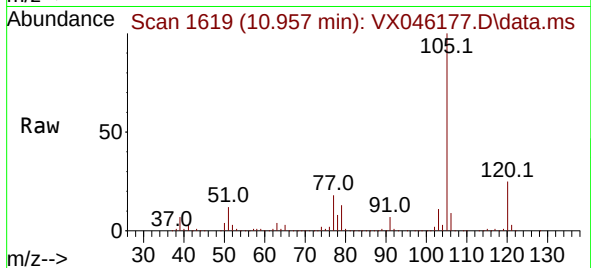




#81
trans-1,4-Dichloro-2-butene
Concen: 10.029 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.061 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

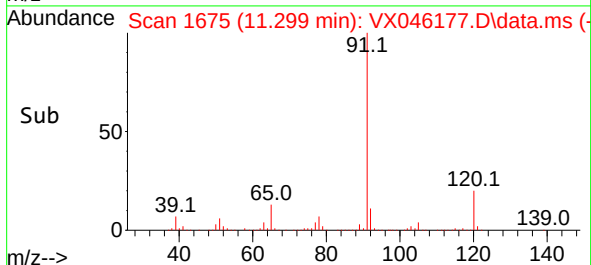
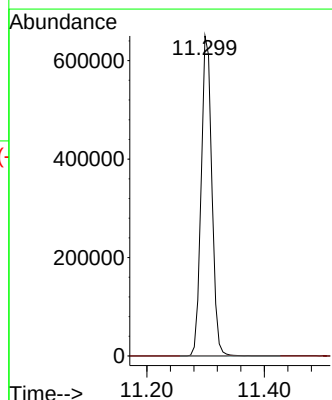
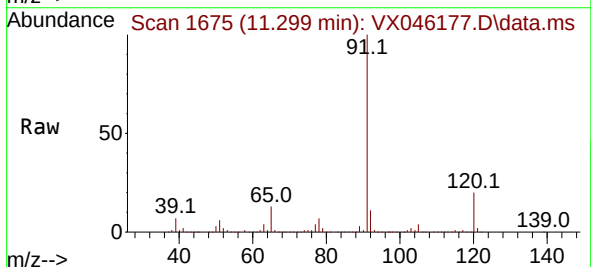
Instrument :
MSVOA_X
ClientSampleId :
MW2

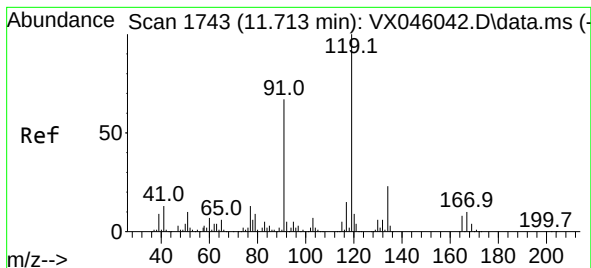
Tgt Ion: 75 Resp: 4324
Ion Ratio Lower Upper
75 100
53 102.1 100.5 150.7
89 102.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 217.687 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.152 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 91 Resp: 821992
Ion Ratio Lower Upper
91 100
126 0.0 13.3 39.8#





#83

tert-Butylbenzene

Concen: 0.855 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046177.D

Acq: 13 May 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW2

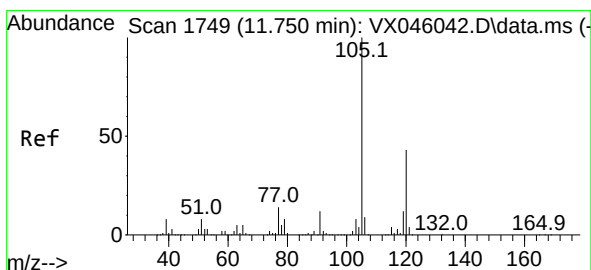
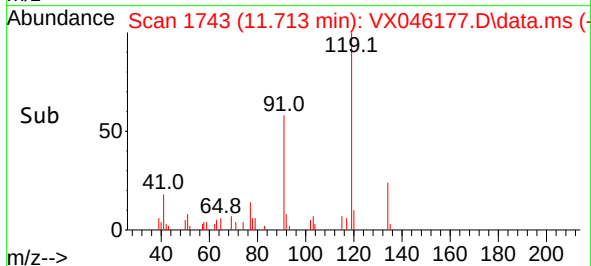
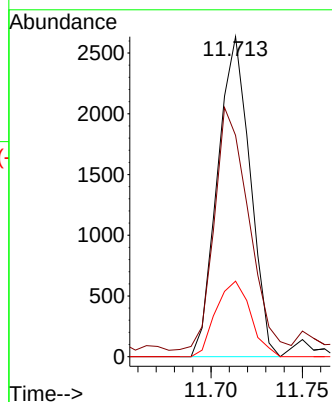
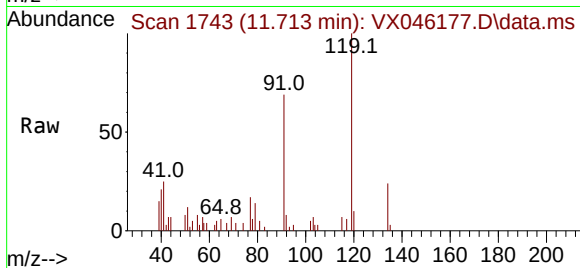
Tgt Ion:119 Resp: 3266

Ion Ratio Lower Upper

119 100

91 79.6 32.9 98.7

134 25.1 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 4.817 ug/l

RT: 11.610 min Scan# 1726

Delta R.T. -0.140 min

Lab File: VX046177.D

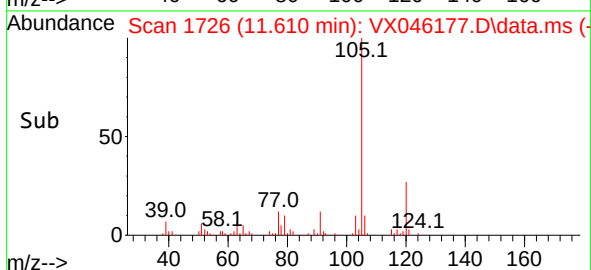
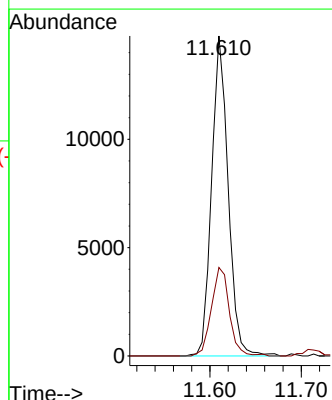
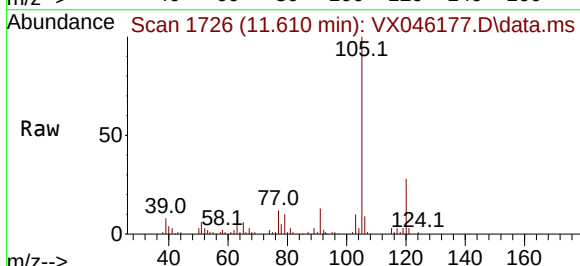
Acq: 13 May 2025 19:28

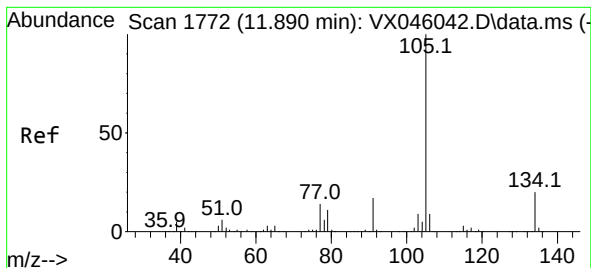
Tgt Ion:105 Resp: 18504

Ion Ratio Lower Upper

105 100

120 30.1 21.2 63.6





#85

sec-Butylbenzene

Concen: 14.155 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046177.D

Acq: 13 May 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

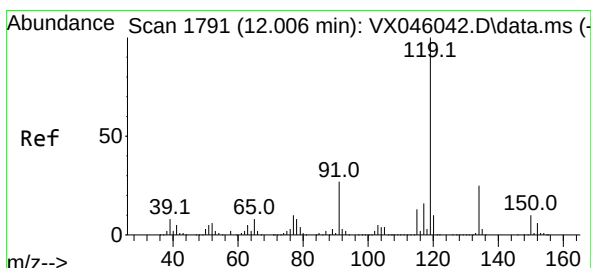
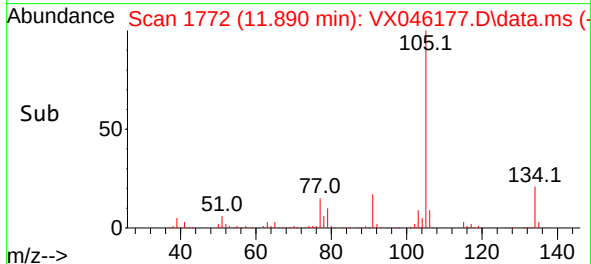
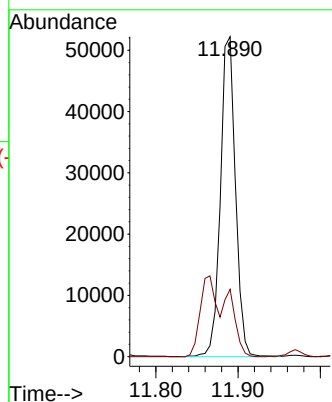
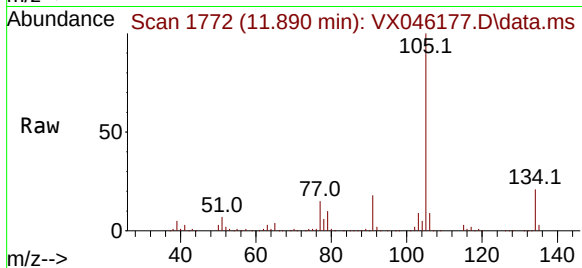
MW2

Tgt Ion:105 Resp: 66400

Ion Ratio Lower Upper

105 100

134 16.2 9.7 29.1



#86

p-Isopropyltoluene

Concen: 2.736 ug/l

RT: 12.177 min Scan# 1819

Delta R.T. 0.171 min

Lab File: VX046177.D

Acq: 13 May 2025 19:28

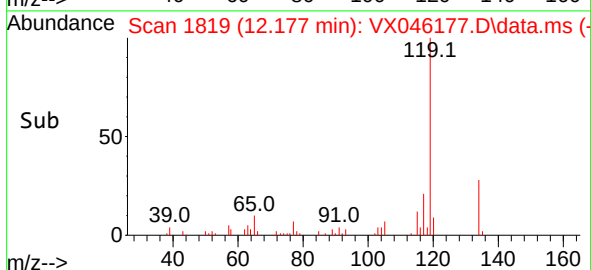
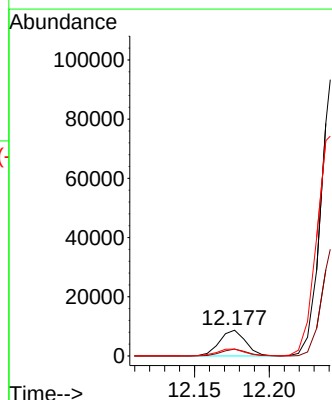
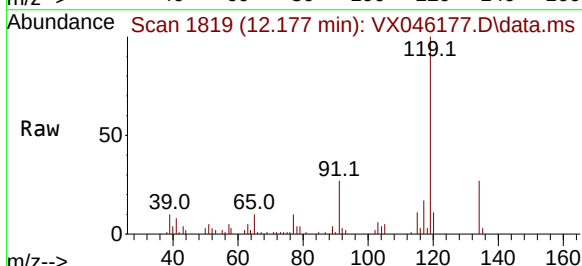
Tgt Ion:119 Resp: 10593

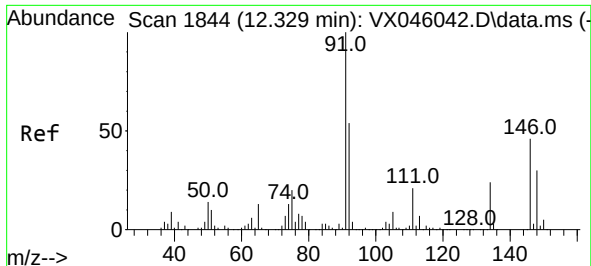
Ion Ratio Lower Upper

119 100

134 26.0 12.5 37.5

91 29.8 13.8 41.4





#89

n-Butylbenzene

Concen: 17.259 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX046177.D

Acq: 13 May 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW2

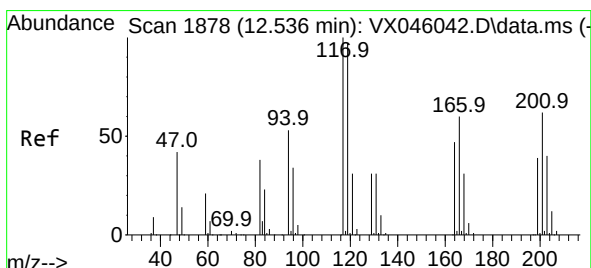
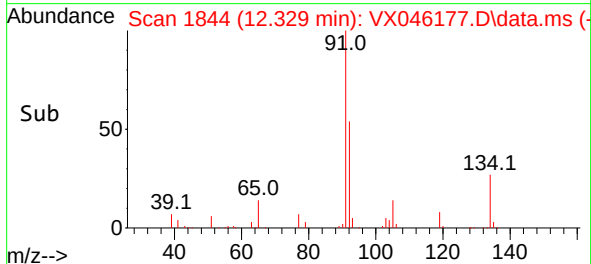
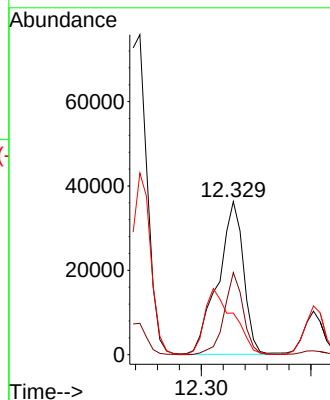
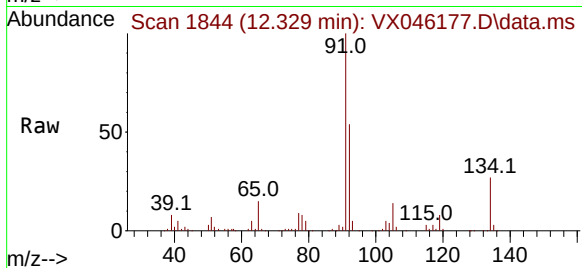
Tgt Ion: 91 Resp: 58622

Ion Ratio Lower Upper

91 100

92 40.4 26.9 80.7

134 48.7 11.8 35.3#



#90

Hexachloroethane

Concen: 15.538 ug/l

RT: 12.610 min Scan# 1890

Delta R.T. 0.073 min

Lab File: VX046177.D

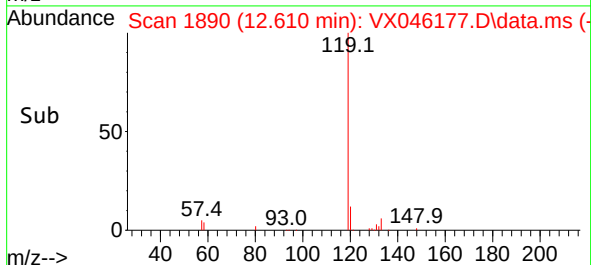
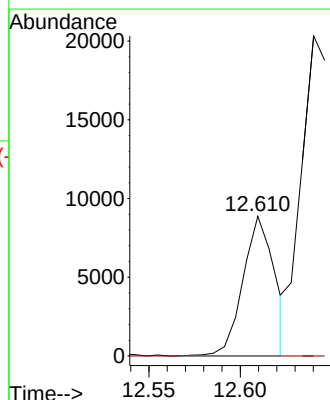
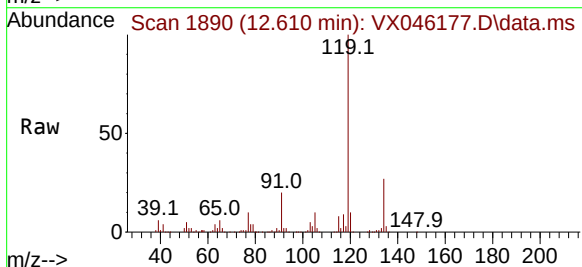
Acq: 13 May 2025 19:28

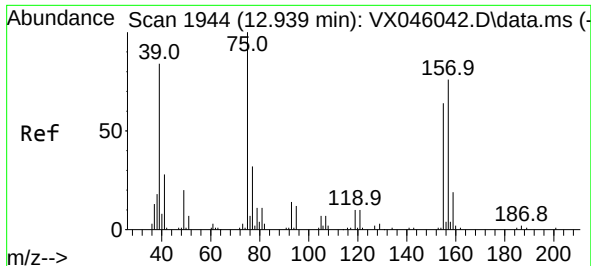
Tgt Ion: 117 Resp: 10600

Ion Ratio Lower Upper

117 100

201 0.0 31.6 94.7#

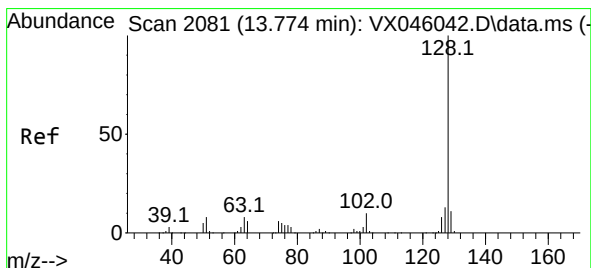
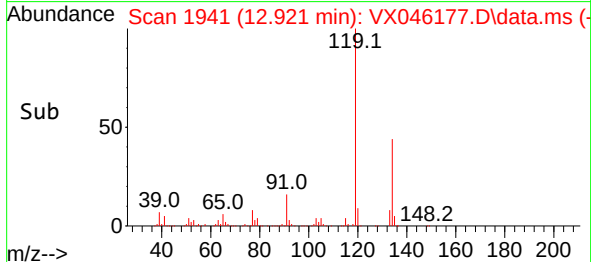
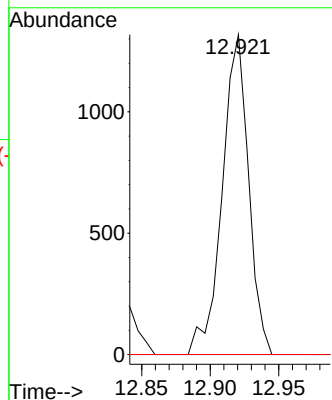
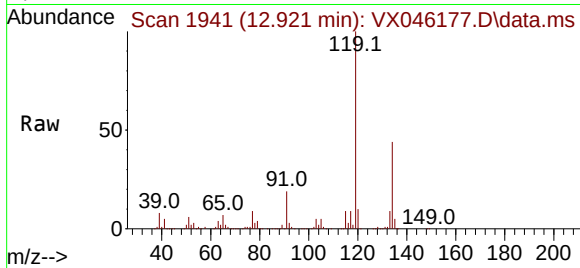




#92
1,2-Dibromo-3-Chloropropane
Concen: 5.005 ug/l
RT: 12.921 min Scan# 1944
Delta R.T. -0.018 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion: 75 Resp: 1764
Ion Ratio Lower Upper
75 100
155 0.0 34.9 104.8#
157 0.0 43.8 131.4#



#95
Naphthalene
Concen: 2.815 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 128 Resp: 11449
Ion Ratio Lower Upper
128 100
127 14.7 10.4 15.6
129 21.7 8.6 13.0#

