

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
 Data File : VX045156.D
 Acq On : 06 Mar 2025 10:23
 Operator : JC/MD
 Sample : VX0306MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306MBL01

Quant Time: Mar 07 00:37:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	71414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53460	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	60397	53.169	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.340%
35) Dibromofluoromethane	5.379	113	49017	51.256	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	8.647	98	178591	51.512	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.020%
62) 4-Bromofluorobenzene	11.079	95	58415	50.847	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.700%

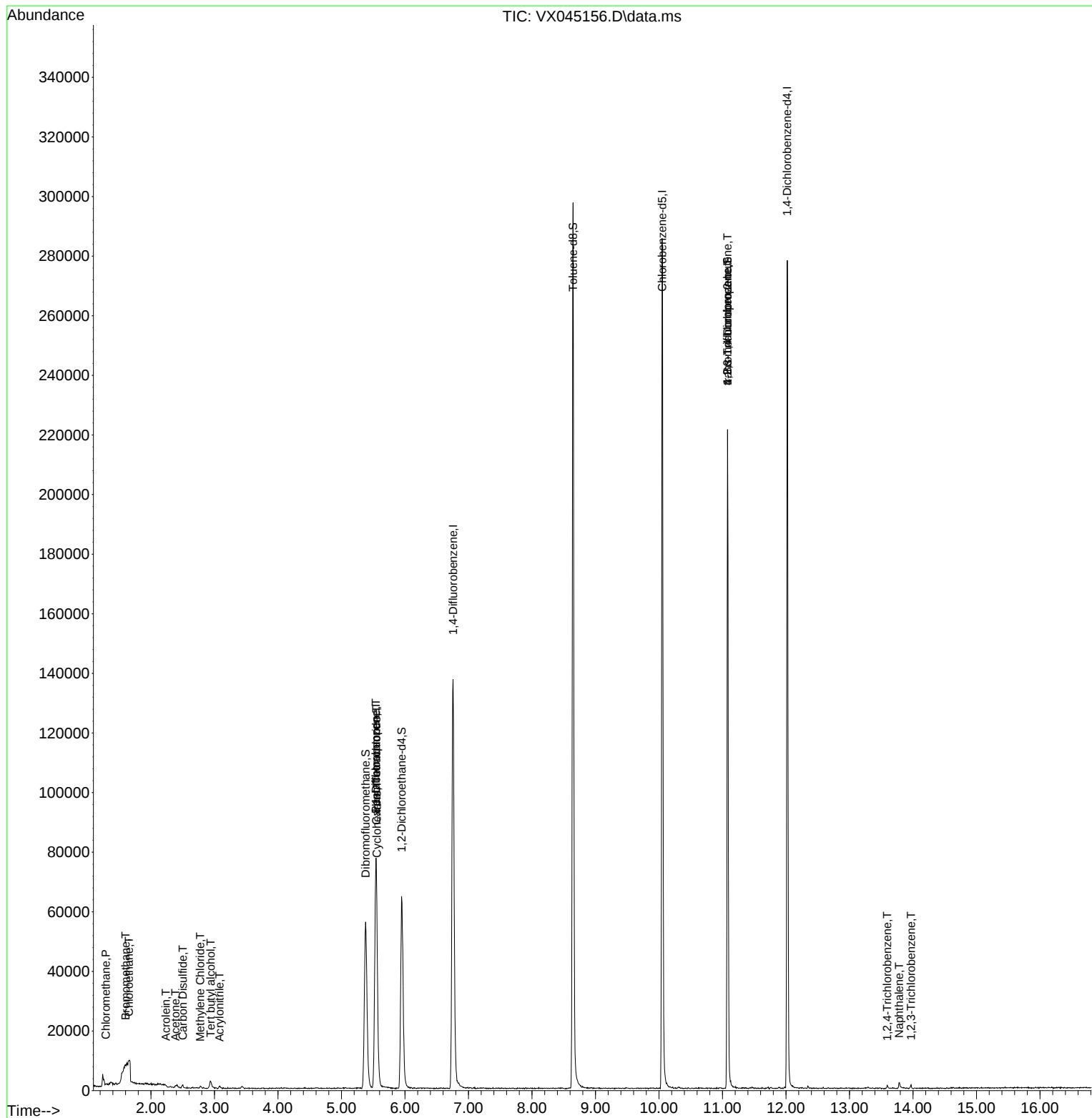
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	250	0.227	ug/l	# 43
5) Bromomethane	1.599	94	105	0.245	ug/l	93
6) Chloroethane	1.654	64	181	0.360	ug/l	# 41
11) Tert butyl alcohol	2.941	59	1447	6.725	ug/l	# 73
13) Acrolein	2.233	56	82	0.330	ug/l	# 58
15) Acrylonitrile	3.081	53	307	0.532	ug/l	# 74
16) Acetone	2.386	43	804	1.525	ug/l	92
17) Carbon Disulfide	2.502	76	1314	0.562	ug/l	98
20) Methylene Chloride	2.776	84	287	0.275	ug/l	# 73
31) Cyclohexane	5.556	56	1974	1.277	ug/l	# 44
36) 1,1-Dichloropropene	5.544	75	6629	5.055	ug/l	# 49
38) Carbon Tetrachloride	5.550	117	7786	5.848	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	31249	25.114	ug/l	# 36
81) trans-1,4-Dichloro-2-b...	11.079	75	31249	85.945	ug/l	# 6
93) 1,2,4-Trichlorobenzene	13.591	180	356	0.355	ug/l	91
95) Naphthalene	13.780	128	2176	0.565	ug/l	# 87
96) 1,2,3-Trichlorobenzene	13.969	180	395	0.373	ug/l	# 89

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

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Quant Time: Mar 07 00:37:11 2025
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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

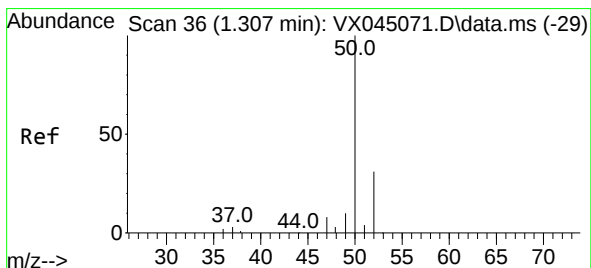
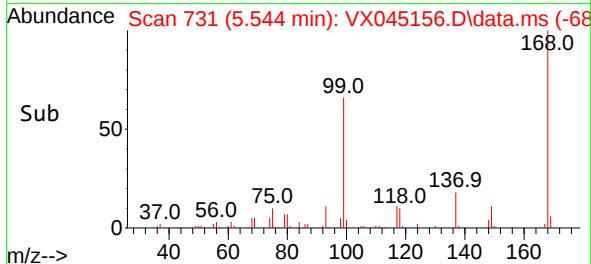
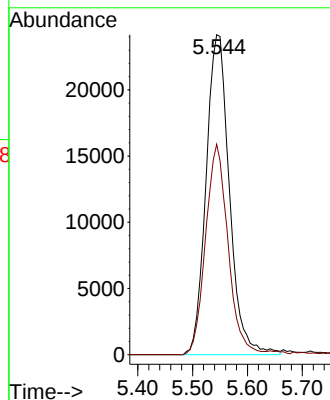
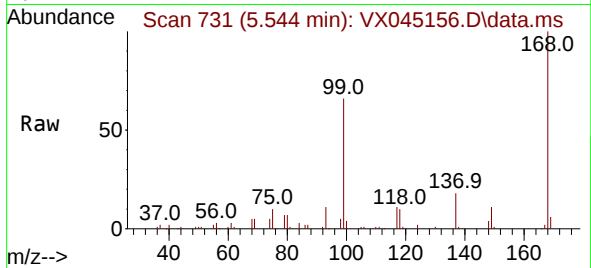




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

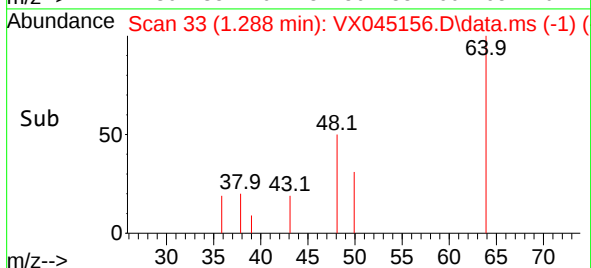
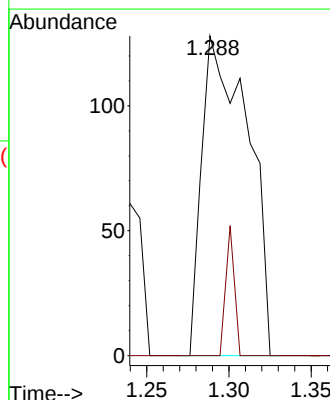
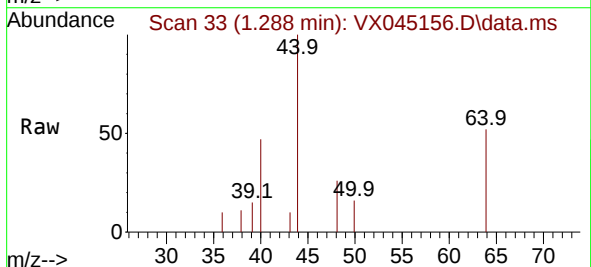
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

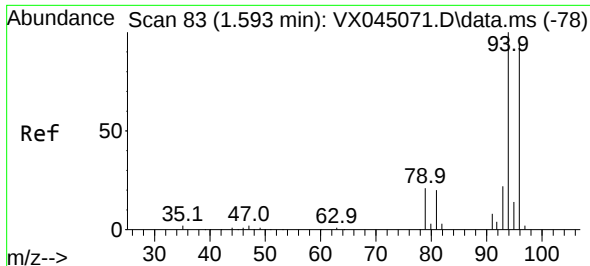
Tgt Ion:168 Resp: 71414
Ion Ratio Lower Upper
168 100
99 65.8 48.2 72.4



#3
Chloromethane
Concen: 0.227 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.018 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

Tgt Ion: 50 Resp: 250
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

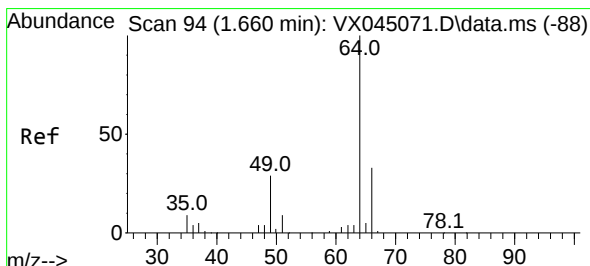
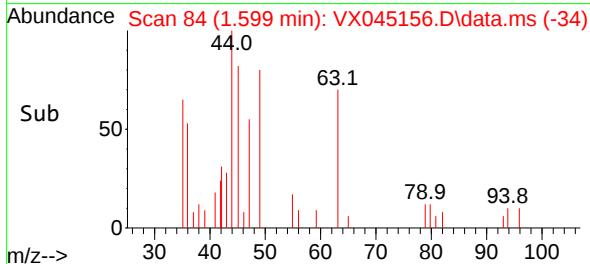
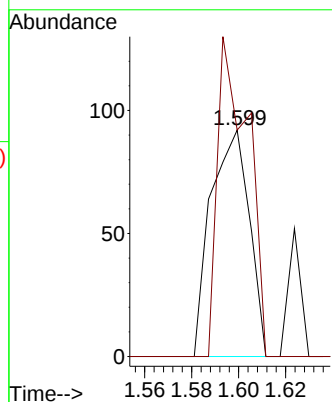
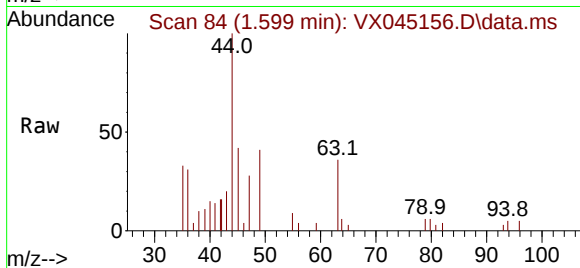




#5
Bromomethane
Concen: 0.245 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

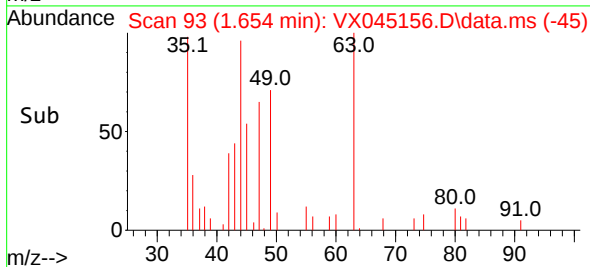
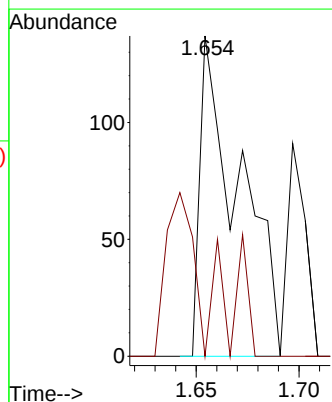
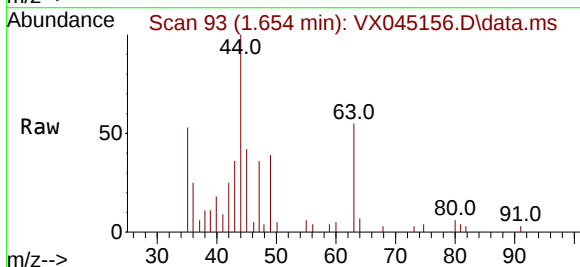
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

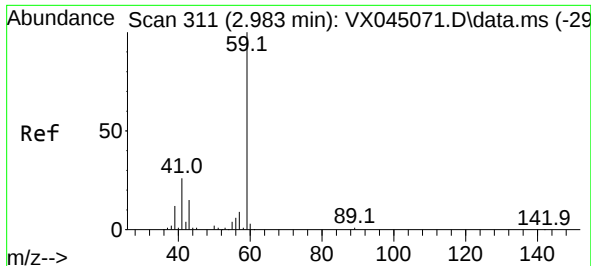
Tgt Ion: 94 Resp: 105
Ion Ratio Lower Upper
94 100
96 100.0 75.0 112.4



#6
Chloroethane
Concen: 0.360 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.006 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

Tgt Ion: 64 Resp: 181
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#

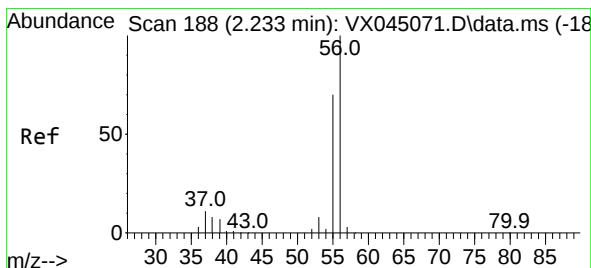
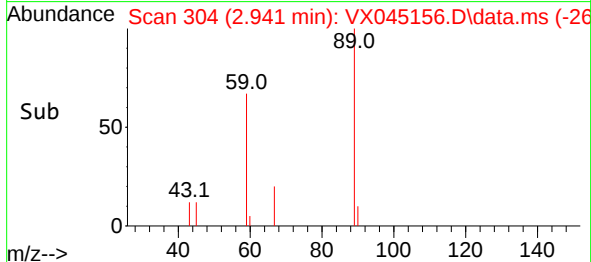
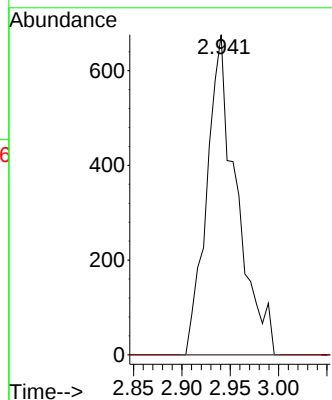
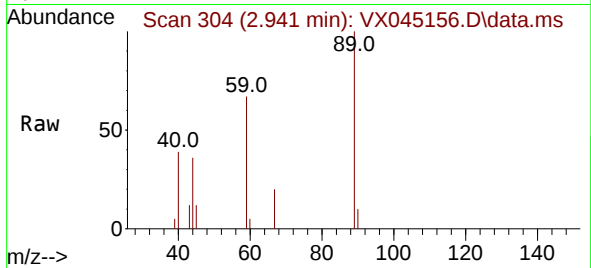




#11
Tert butyl alcohol
Concen: 6.725 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

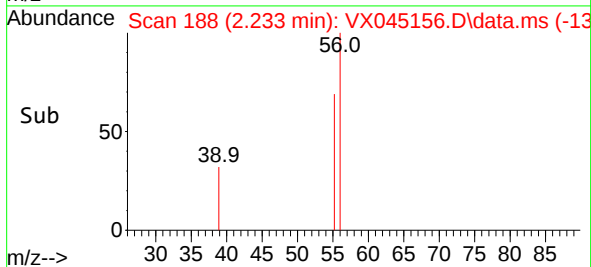
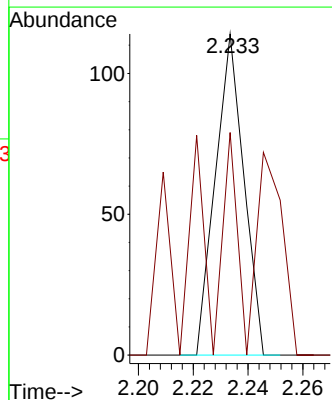
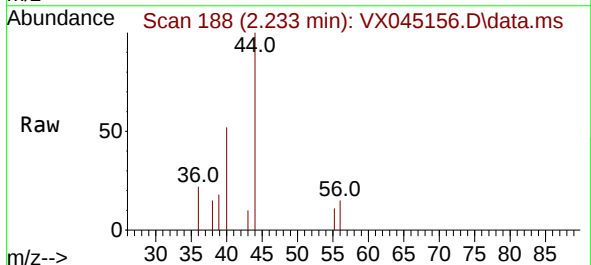
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

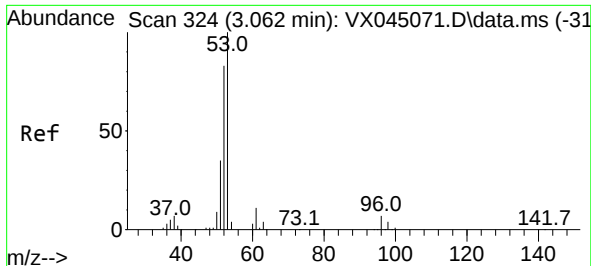
Tgt Ion: 59 Resp: 1447
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.330 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

Tgt Ion: 56 Resp: 82
Ion Ratio Lower Upper
56 100
55 35.4 56.2 84.4#

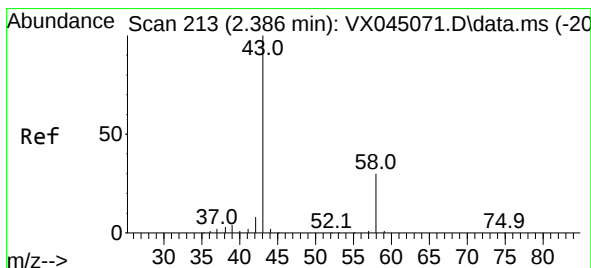
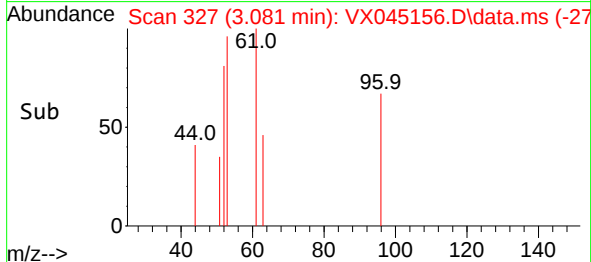
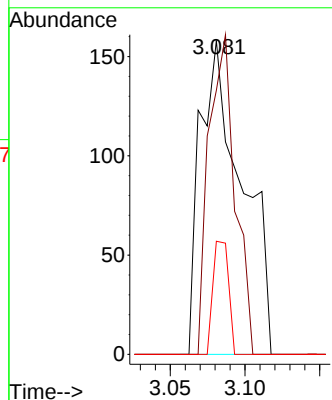
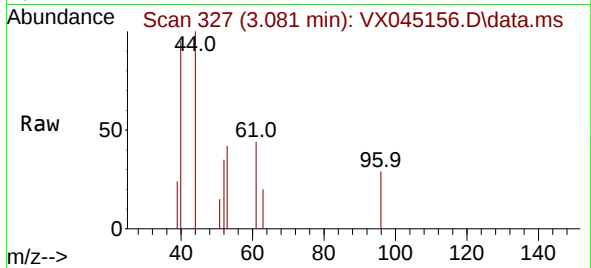




#15
Acrylonitrile
Concen: 0.532 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

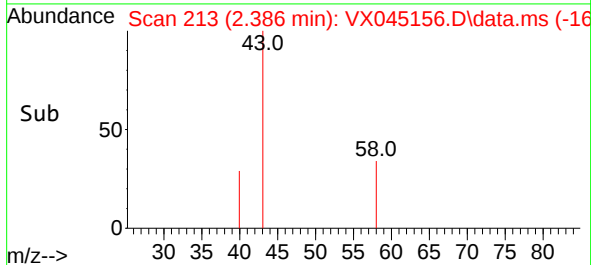
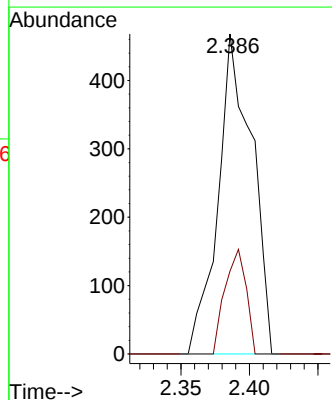
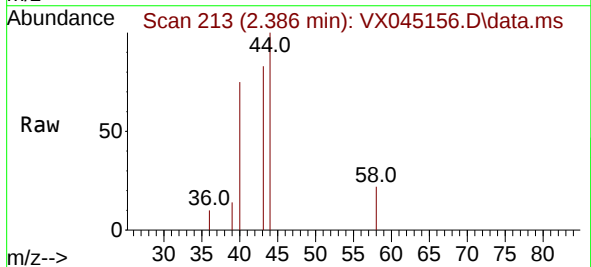
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

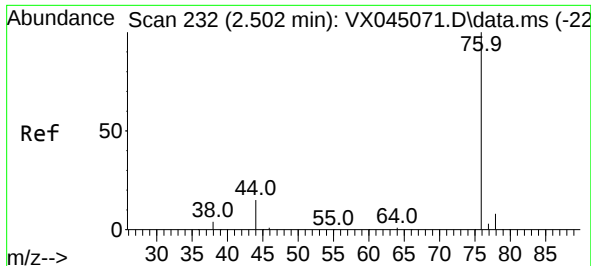
Tgt Ion: 53 Resp: 307
Ion Ratio Lower Upper
53 100
52 63.8 66.2 99.2#
51 13.4 29.0 43.4#



#16
Acetone
Concen: 1.525 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

Tgt Ion: 43 Resp: 804
Ion Ratio Lower Upper
43 100
58 25.9 24.2 36.4

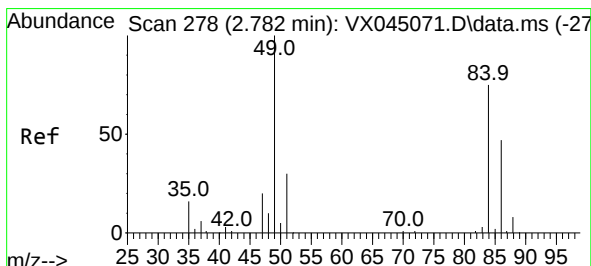
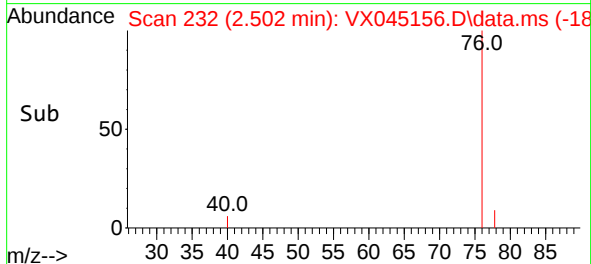
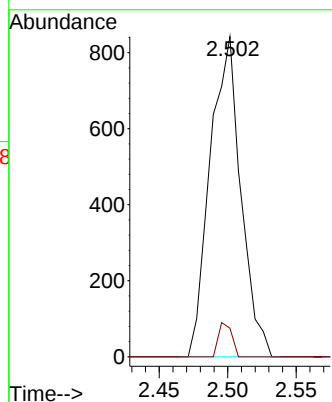
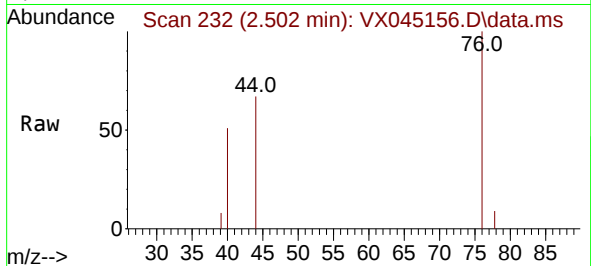




#17
Carbon Disulfide
Concen: 0.562 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

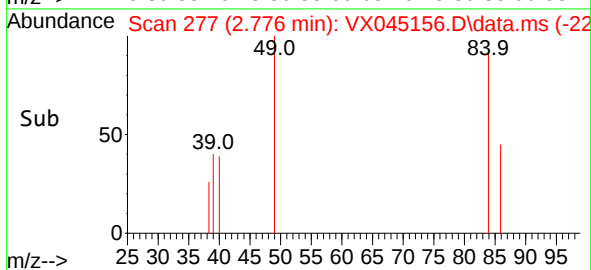
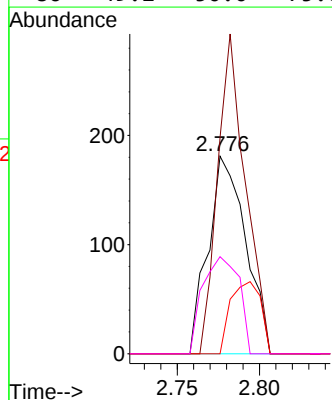
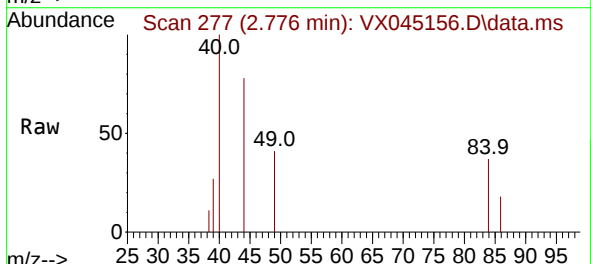
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

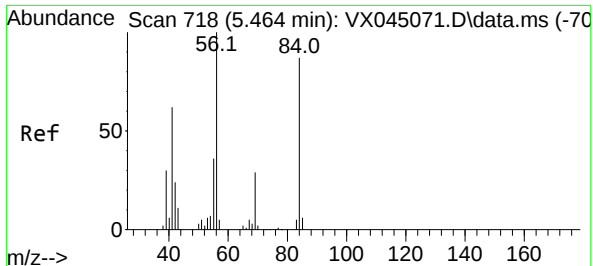
Tgt Ion: 76 Resp: 1314
Ion Ratio Lower Upper
76 100
78 8.9 6.6 9.8



#20
Methylene Chloride
Concen: 0.275 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

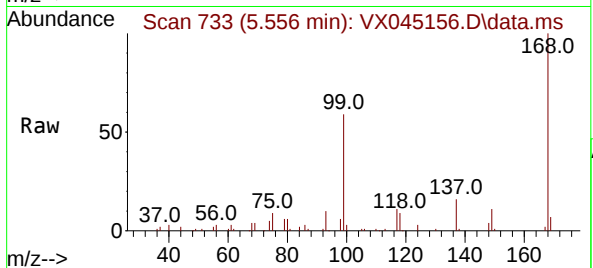
Tgt Ion: 84 Resp: 287
Ion Ratio Lower Upper
84 100
49 109.4 106.5 159.7
51 0.0 32.1 48.1#
86 49.2 50.0 75.0#





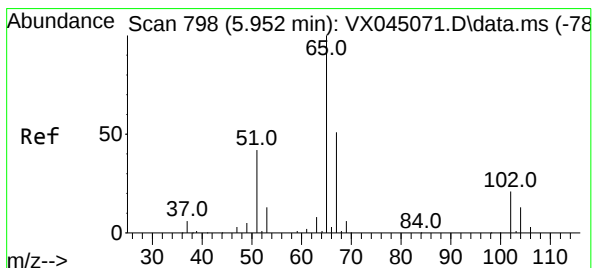
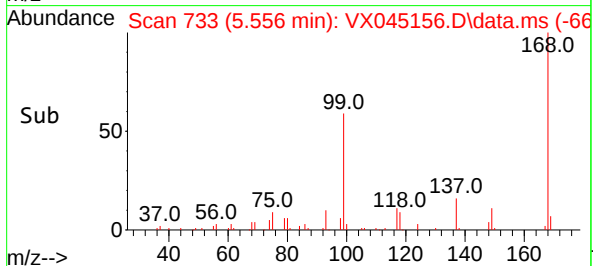
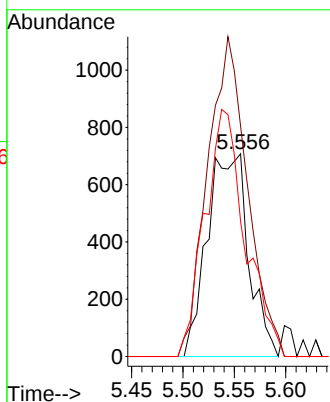
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Cyclohexane
Concen: 1.277 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01



Tgt Ion: 56 Resp: 1974

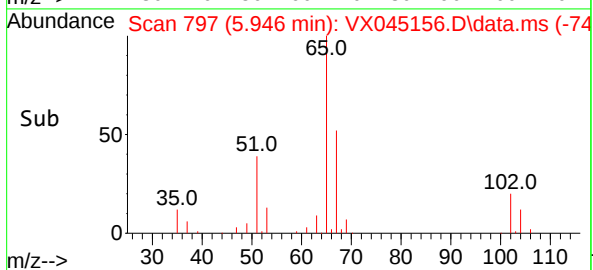
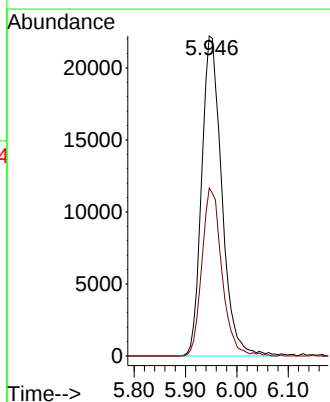
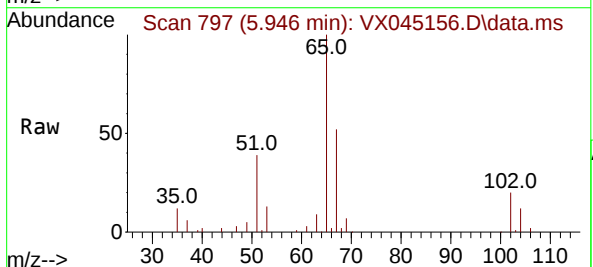
Ion	Ratio	Lower	Upper
56	100		
69	113.6	23.4	35.2#
84	66.5	69.4	104.2#

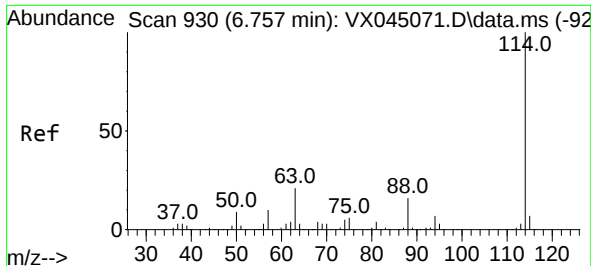


#33
1,2-Dichloroethane-d4
Concen: 53.169 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

Tgt Ion: 65 Resp: 60397

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.2

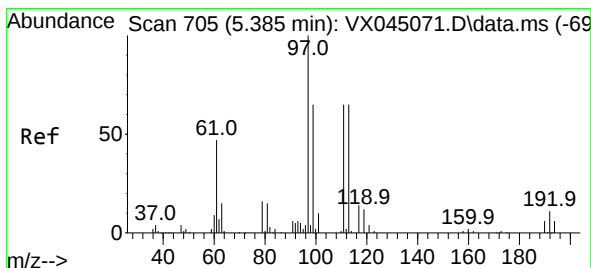
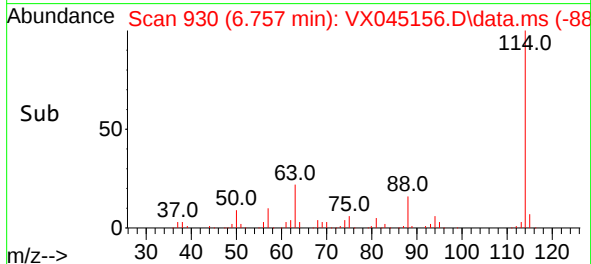
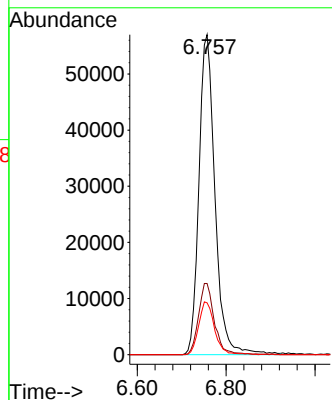
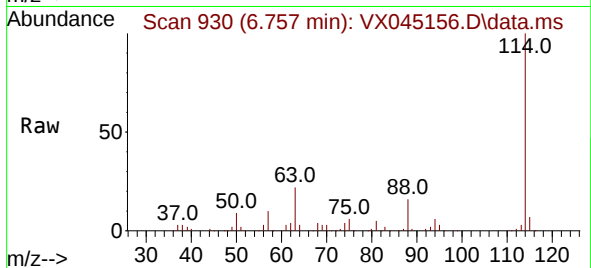




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

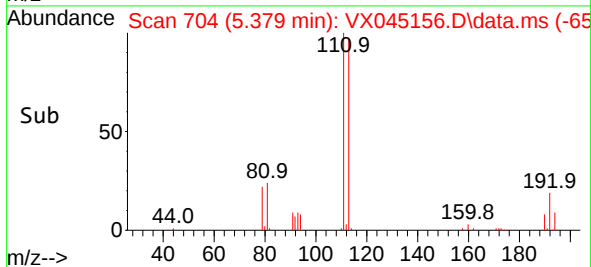
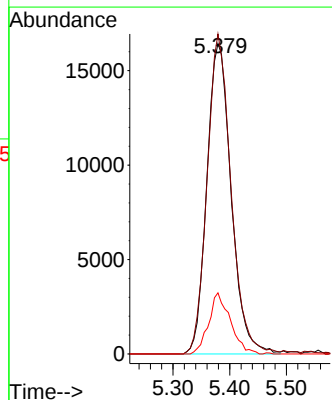
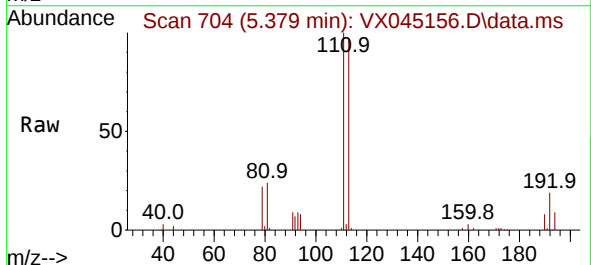
Instrument :
MSVOA_X
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VX0306MBL01

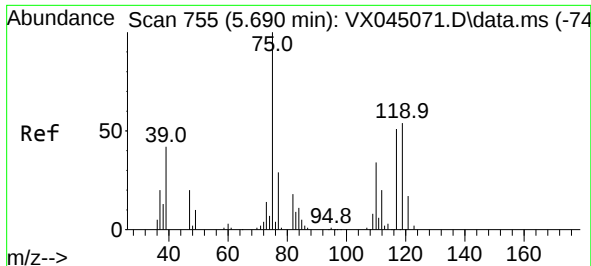
Tgt Ion:114 Resp: 143016
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.256 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

Tgt Ion:113 Resp: 49017
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.6
192 17.5 14.3 21.5

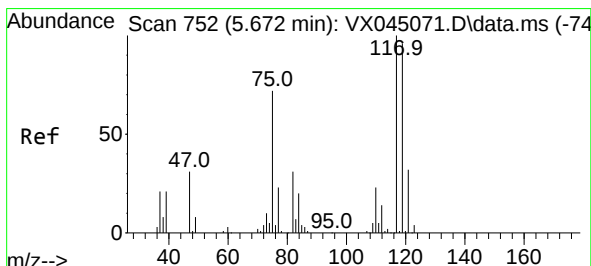
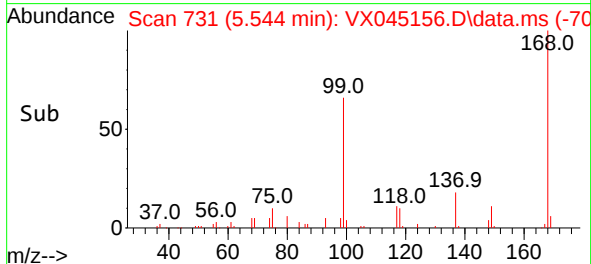
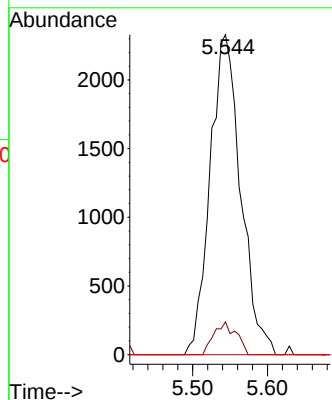
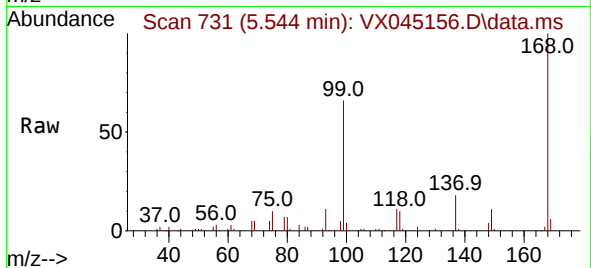




#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

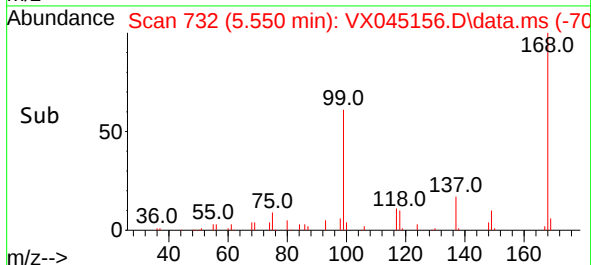
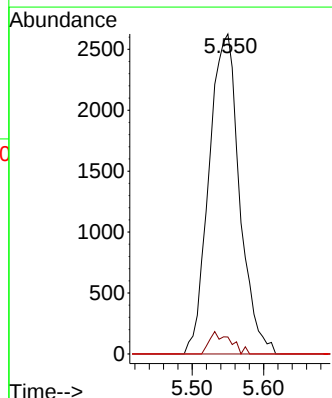
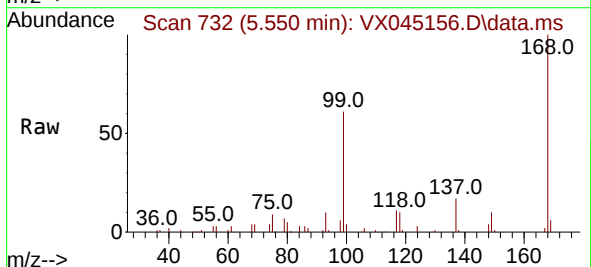
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

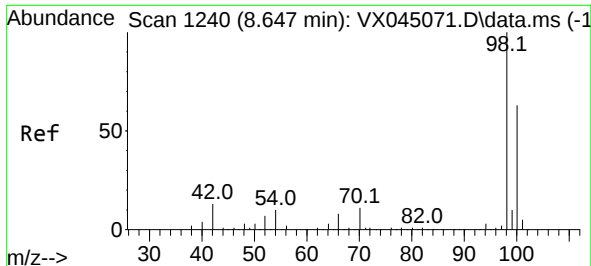
Tgt Ion: 75 Resp: 6629
Ion Ratio Lower Upper
75 100
110 7.4 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.848 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

Tgt Ion: 117 Resp: 7786
Ion Ratio Lower Upper
117 100
119 5.3 76.7 115.1#
121 0.0 25.5 38.3#

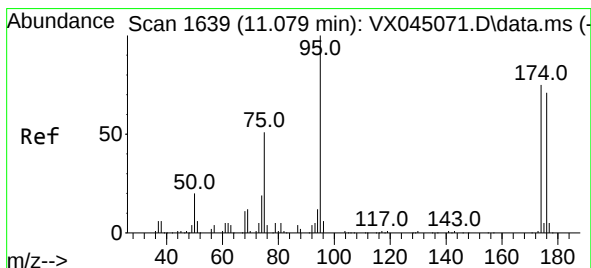
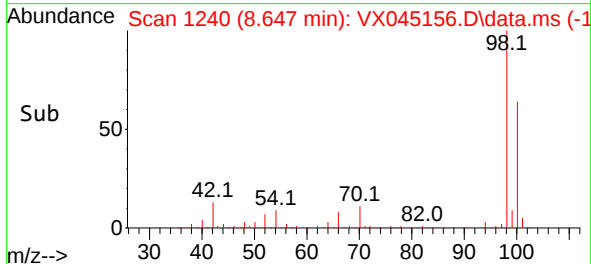
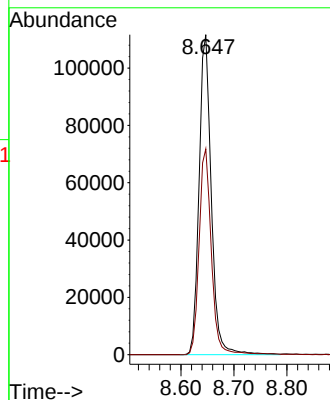
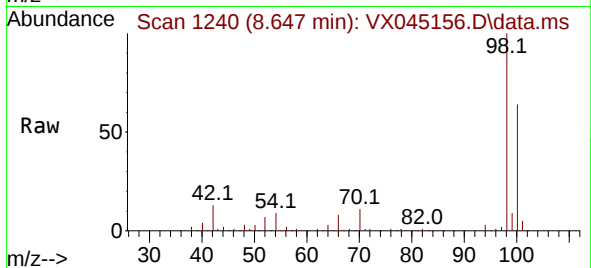




#50
Toluene-d8
Concen: 51.512 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

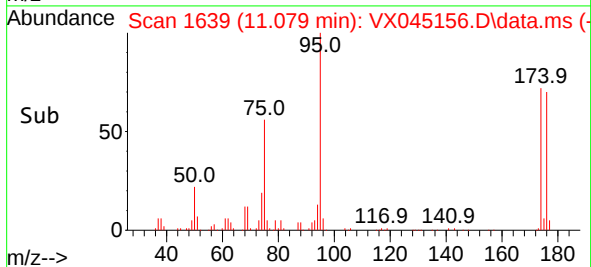
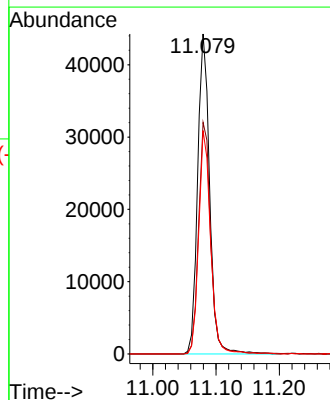
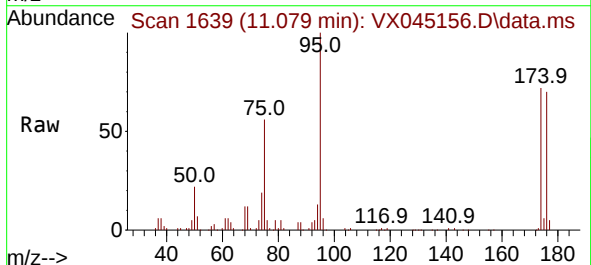
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

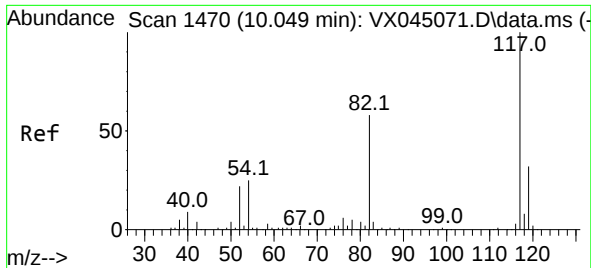
Tgt Ion: 98 Resp: 178591
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.847 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

Tgt Ion: 95 Resp: 58415
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.2
176 69.3 0.0 141.4

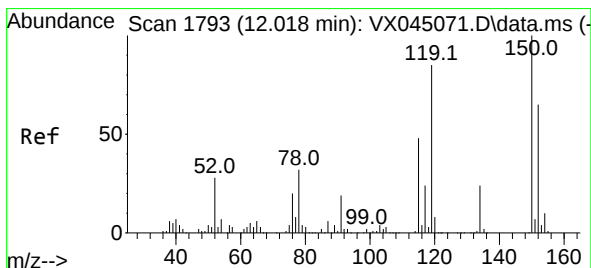
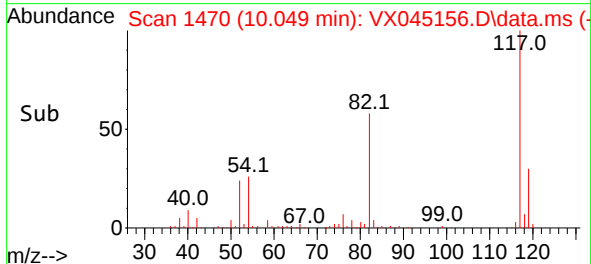
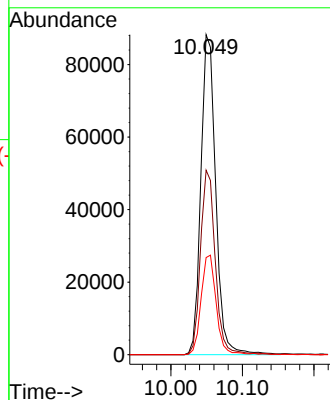
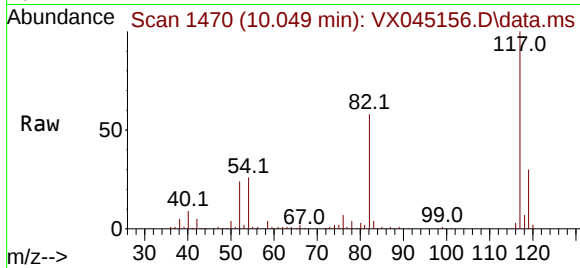




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

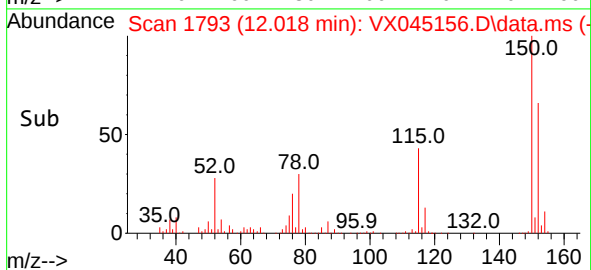
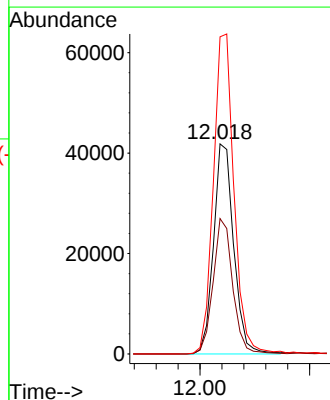
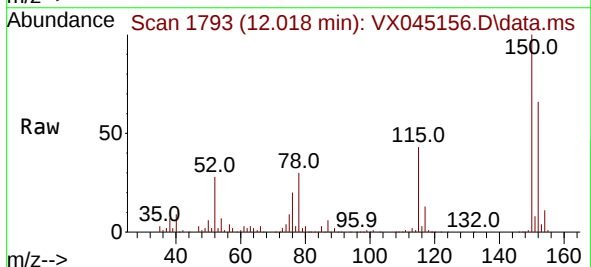
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

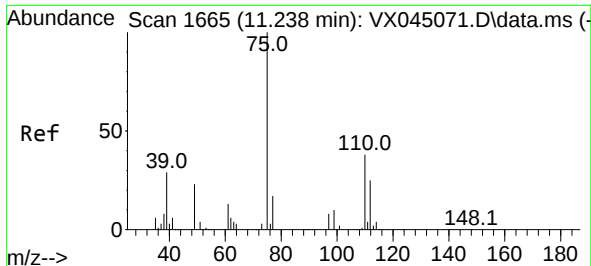
Tgt Ion:117 Resp: 127340
Ion Ratio Lower Upper
117 100
82 57.7 46.3 69.5
119 30.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

Tgt Ion:152 Resp: 53460
Ion Ratio Lower Upper
152 100
115 62.6 44.2 132.6
150 156.4 0.0 349.0

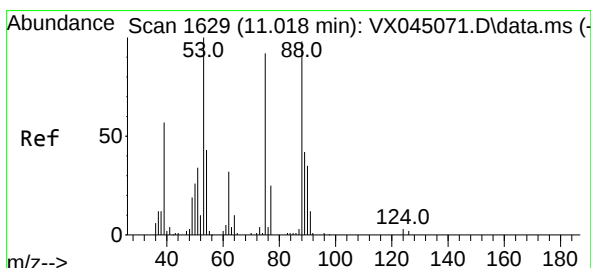
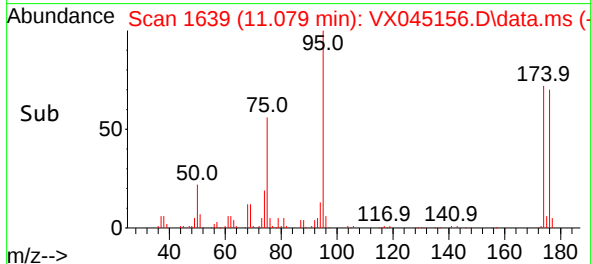
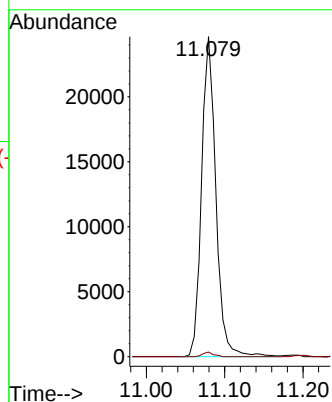
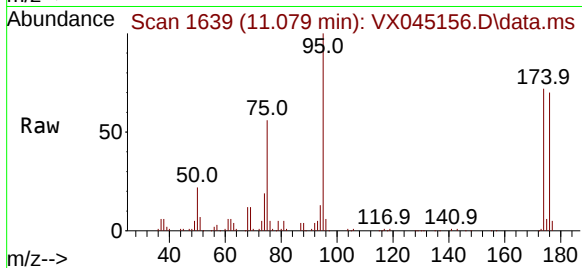




#76
1,2,3-Trichloropropane
Concen: 25.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

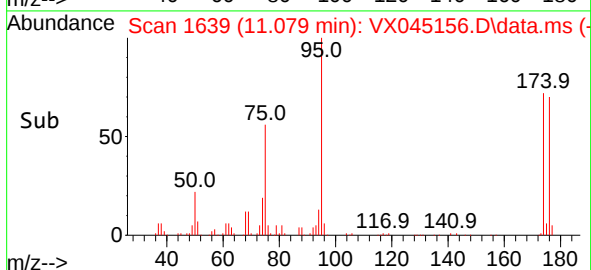
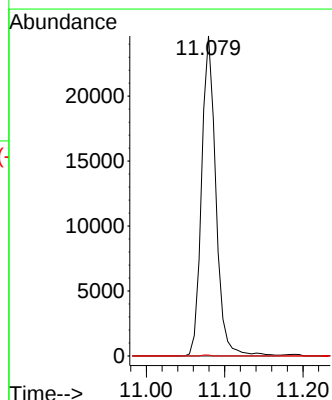
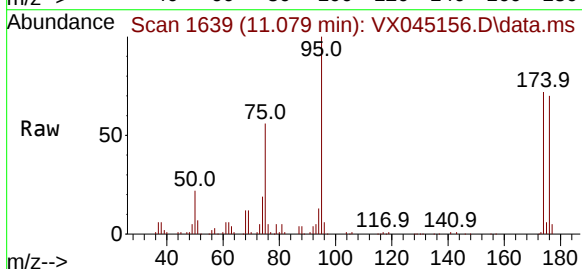
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

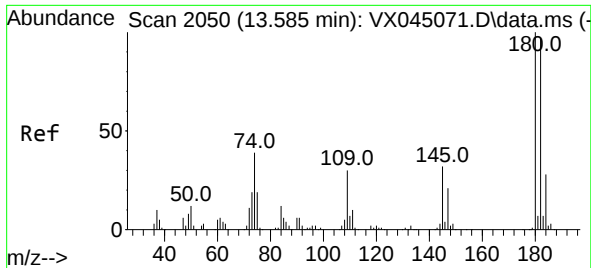
Tgt Ion: 75 Resp: 31249
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

Tgt Ion: 75 Resp: 31249
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.2 36.2 54.4#

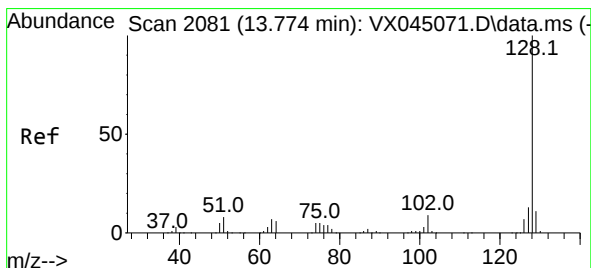
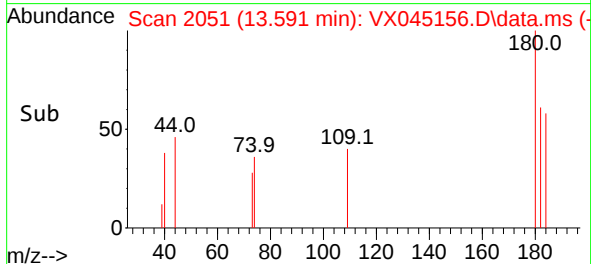
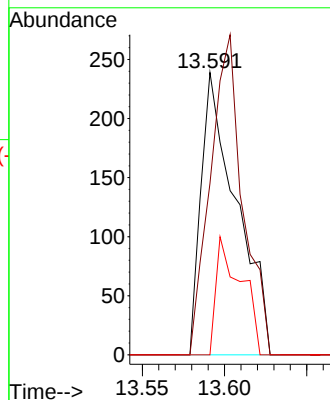
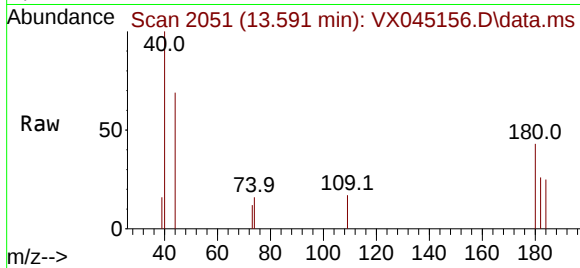




#93
1,2,4-Trichlorobenzene
Concen: 0.355 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

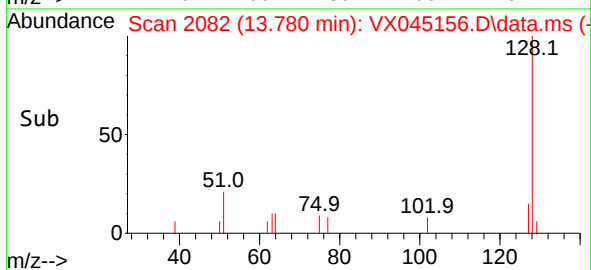
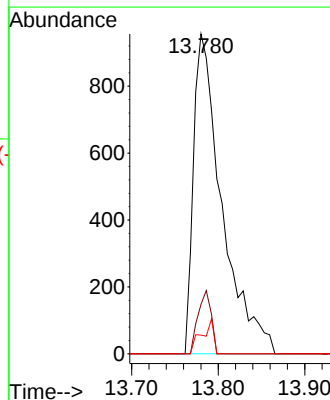
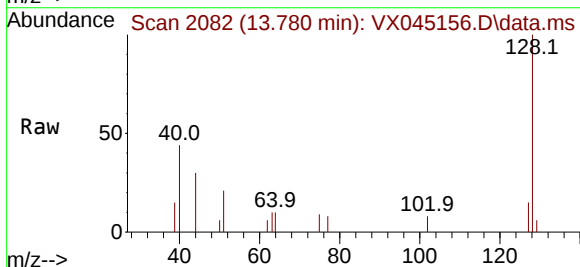
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

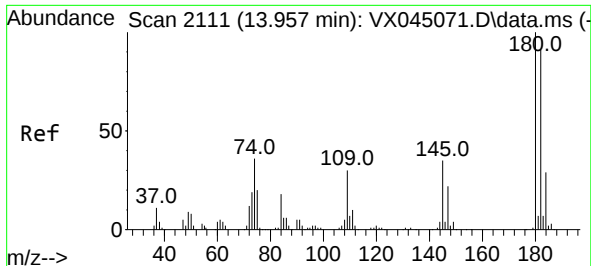
Tgt Ion:180 Resp: 356
Ion Ratio Lower Upper
180 100
182 104.8 47.3 141.9
145 29.8 16.3 48.9



#95
Naphthalene
Concen: 0.565 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045156.D
Acq: 06 Mar 2025 10:23

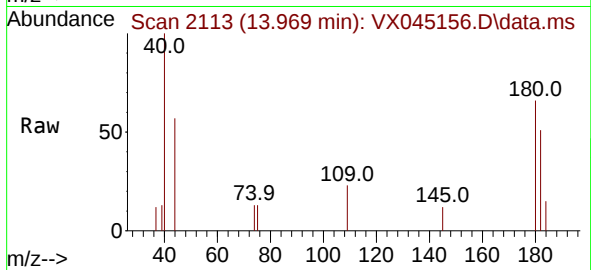
Tgt Ion:128 Resp: 2176
Ion Ratio Lower Upper
128 100
127 9.1 10.3 15.5#
129 4.5 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.373 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.012 min
 Lab File: VX045156.D
 Acq: 06 Mar 2025 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306MBL01



Tgt Ion:180 Resp: 395
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.5 142.6
 145 13.4 17.0 50.9#

