

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
 Data File : VX045615.D
 Acq On : 07 Apr 2025 09:47
 Operator : JC/MD
 Sample : VX0407MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407MBL01

Quant Time: Apr 08 01:34:04 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)

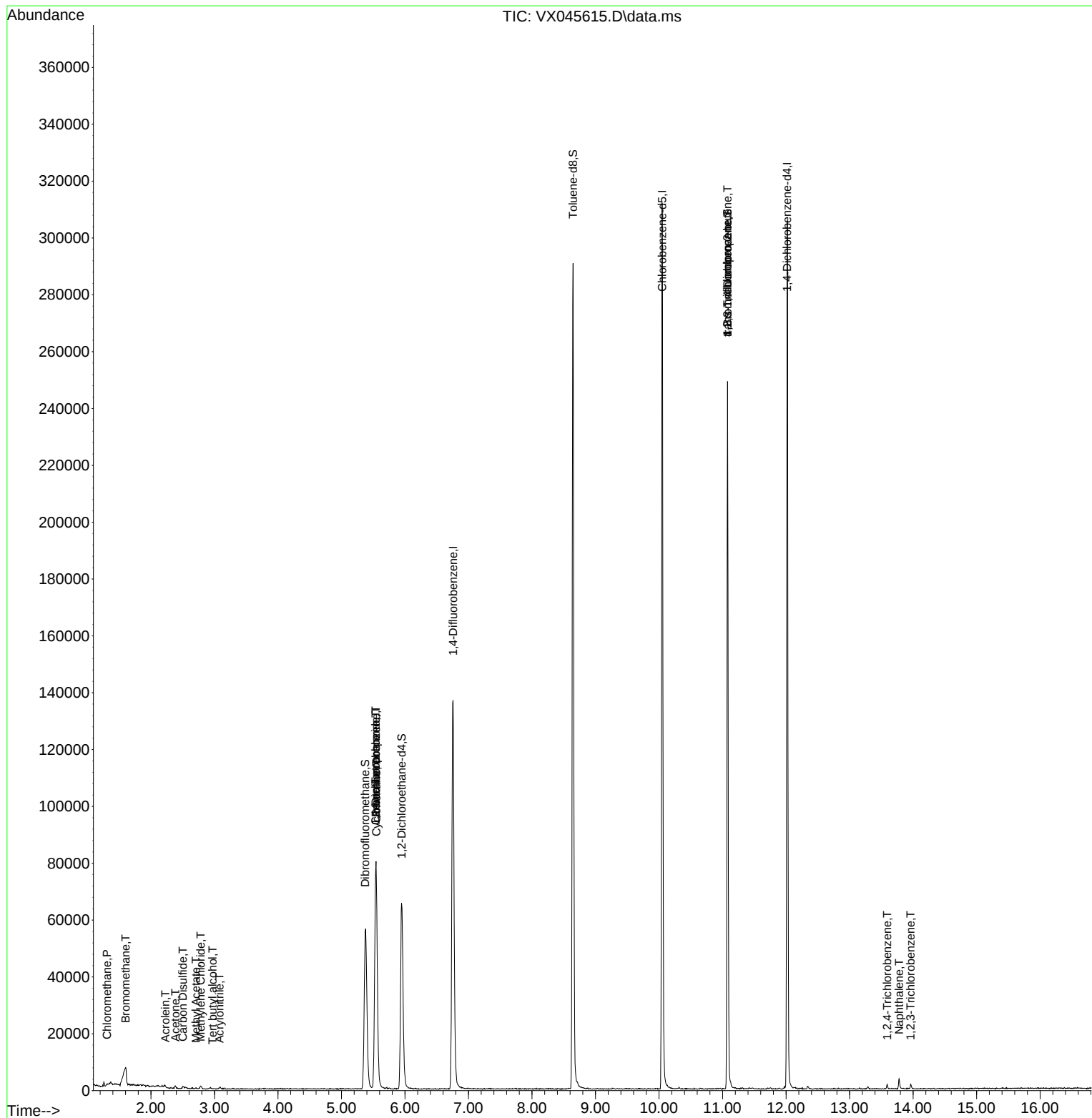
Internal Standards						
1) Pentafluorobenzene	5.544	168	67966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131749	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67575	54.368	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.740%			
35) Dibromofluoromethane	5.373	113	48914	52.328	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.660%			
50) Toluene-d8	8.647	98	167078	51.209	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.420%			
62) 4-Bromofluorobenzene	11.079	95	63193	53.173	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.340%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	1172	1.122	ug/l #	84
5) Bromomethane	1.599	94	178	0.393	ug/l #	74
11) Tert butyl alcohol	2.971	59	105	0.629	ug/l #	72
13) Acrolein	2.227	56	107	0.465	ug/l #	66
15) Acrylonitrile	3.081	53	222	0.421	ug/l #	91
16) Acetone	2.386	43	1059	2.075	ug/l	96
17) Carbon Disulfide	2.501	76	1145	0.568	ug/l #	90
18) Methyl Acetate	2.709	43	443	0.377	ug/l #	54
20) Methylene Chloride	2.782	84	417	0.436	ug/l #	81
31) Cyclohexane	5.550	56	2173	1.425	ug/l #	47
36) 1,1-Dichloropropene	5.537	75	6792	5.381	ug/l #	50
38) Carbon Tetrachloride	5.537	117	8452	6.196	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	37402	28.048	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37402	95.193	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	460	0.451	ug/l	83
95) Naphthalene	13.780	128	2940	0.775	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	549	0.514	ug/l	88

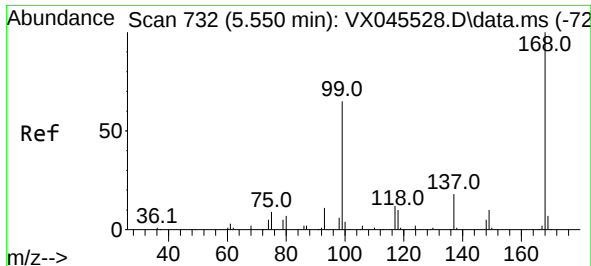
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 08 01:34:04 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

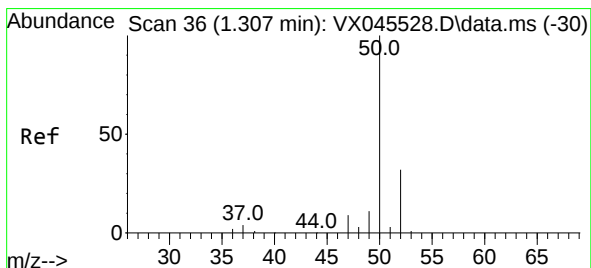
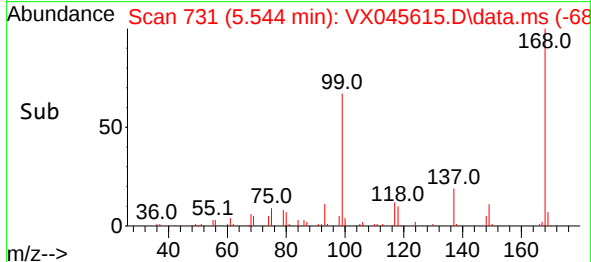
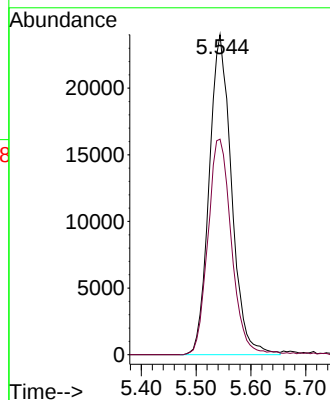
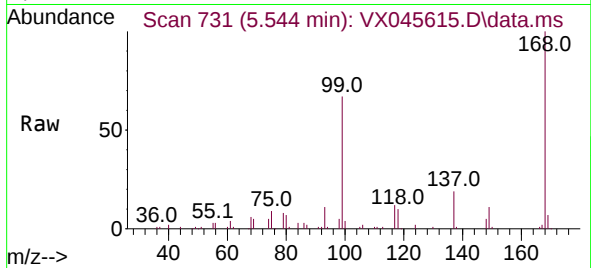




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

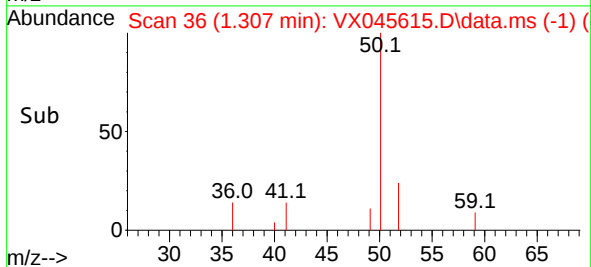
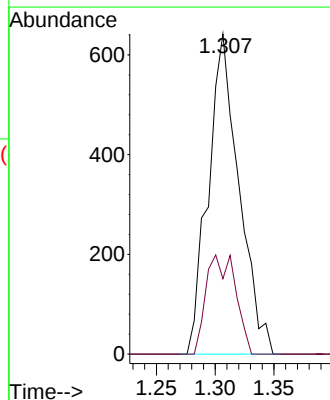
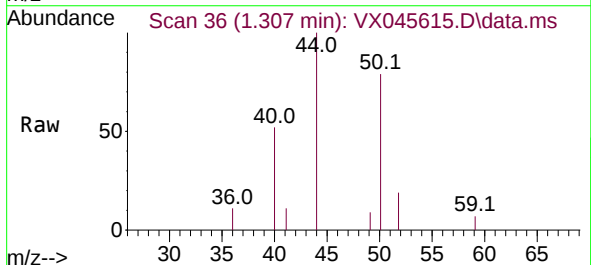
Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

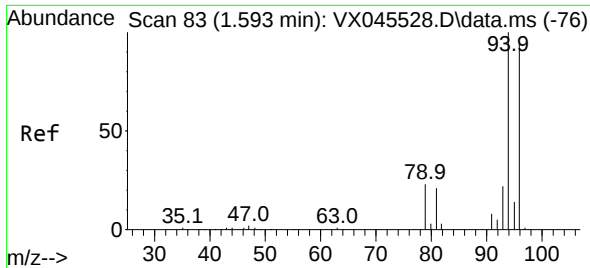
Tgt Ion:168 Resp: 67966
Ion Ratio Lower Upper
168 100
99 67.3 52.3 78.5



#3
Chloromethane
Concen: 1.122 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

Tgt Ion: 50 Resp: 1172
Ion Ratio Lower Upper
50 100
52 23.5 25.9 38.9#

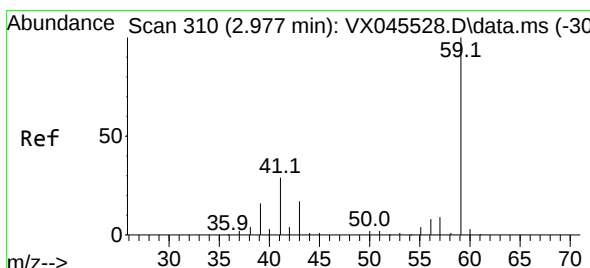
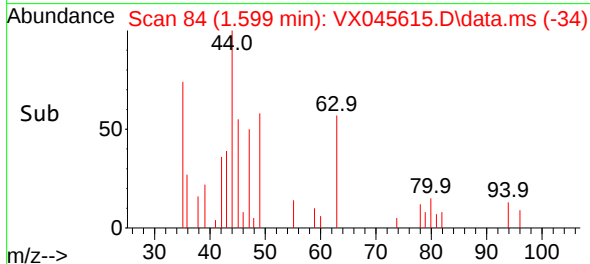
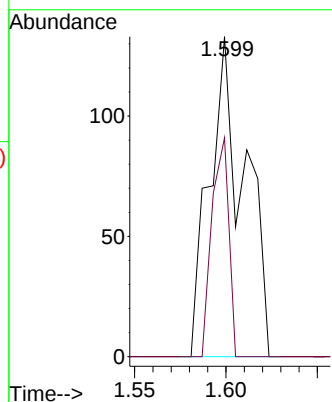
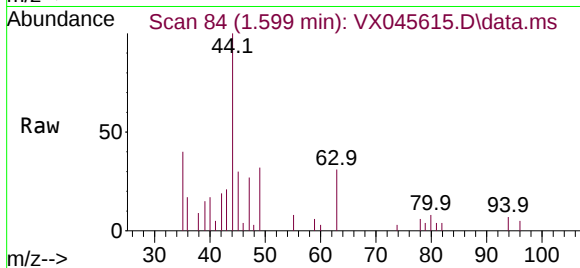




#5
Bromomethane
Concen: 0.393 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

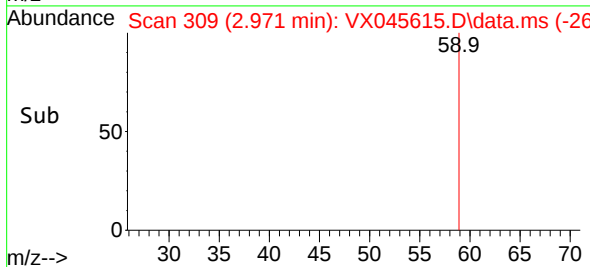
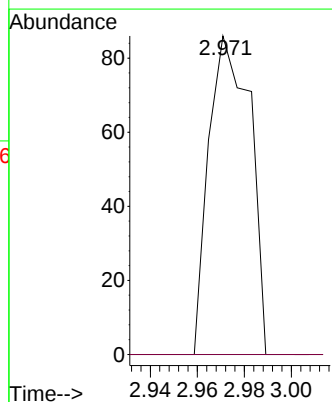
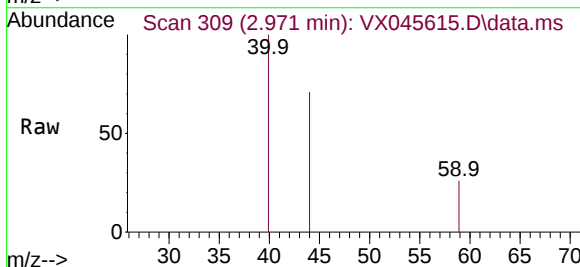
Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

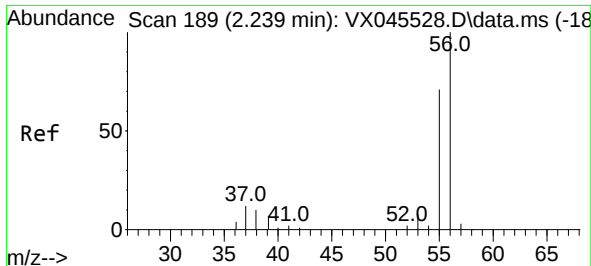
Tgt Ion: 94 Resp: 178
Ion Ratio Lower Upper
94 100
96 68.4 74.8 112.2#



#11
Tert butyl alcohol
Concen: 0.629 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

Tgt Ion: 59 Resp: 105
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

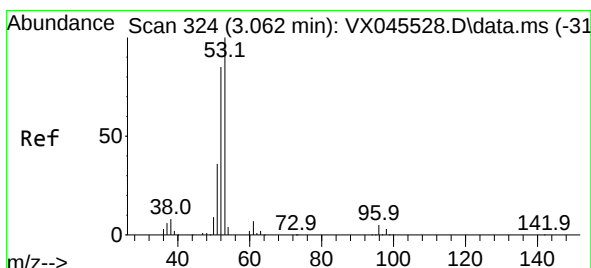
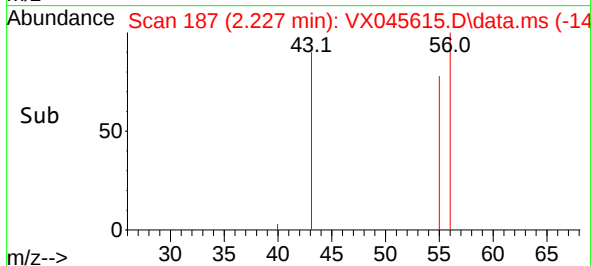
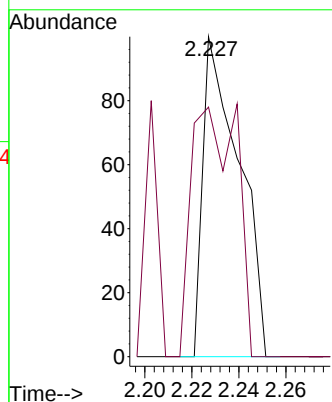
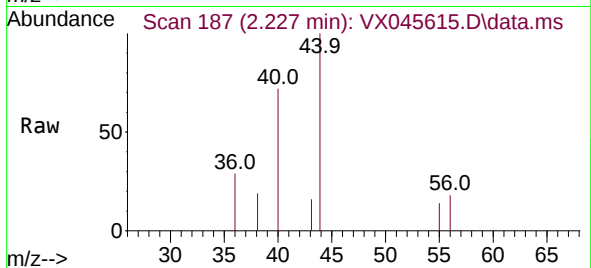




#13
Acrolein
Concen: 0.465 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

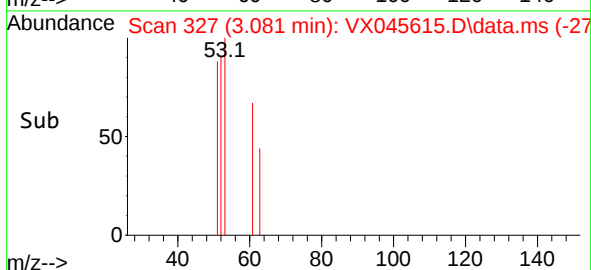
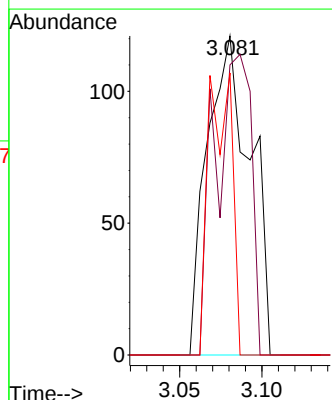
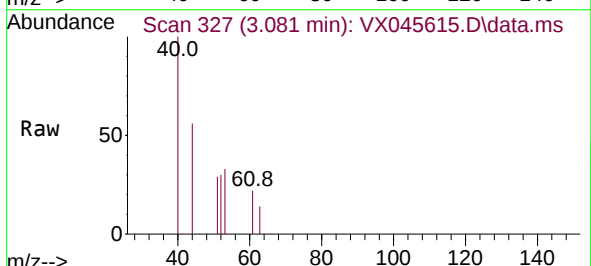
Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

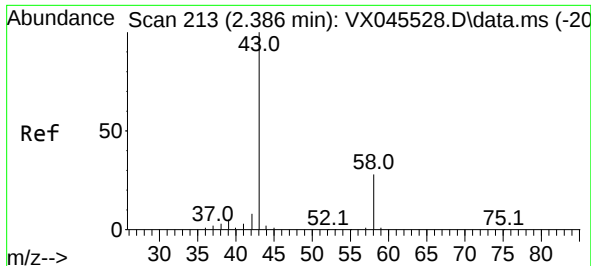
Tgt Ion: 56 Resp: 107
Ion Ratio Lower Upper
56 100
55 98.1 56.2 84.2#



#15
Acrylonitrile
Concen: 0.421 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.018 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

Tgt Ion: 53 Resp: 222
Ion Ratio Lower Upper
53 100
52 78.8 67.4 101.2
51 47.7 29.9 44.9#

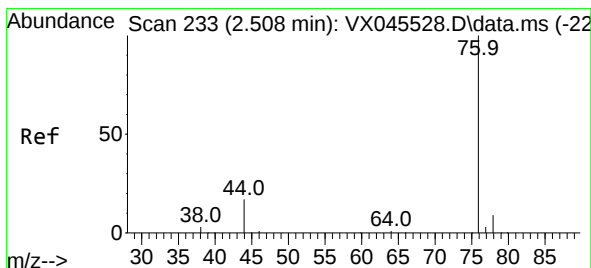
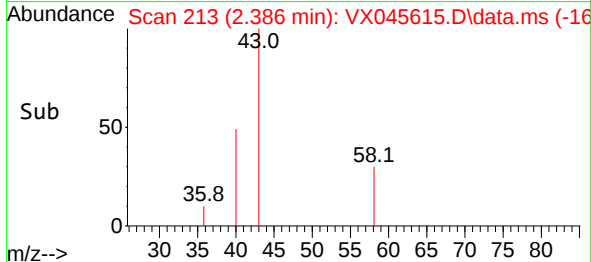
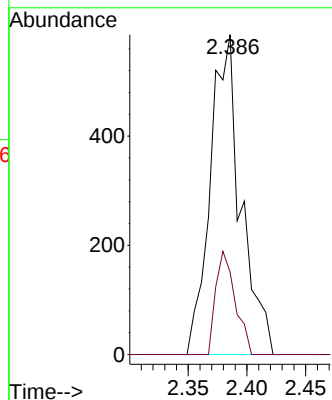
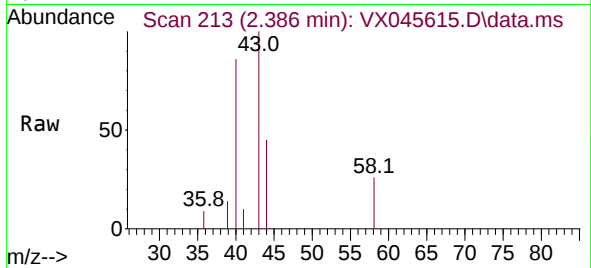




#16
Acetone
Concen: 2.075 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

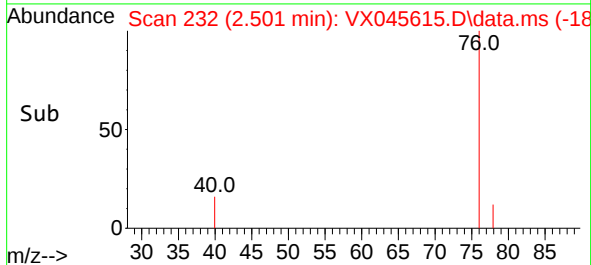
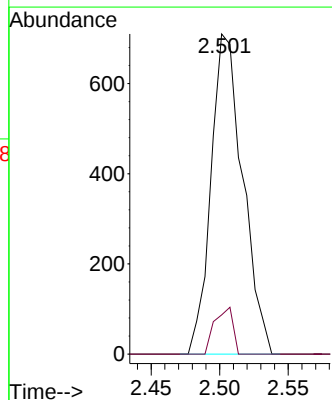
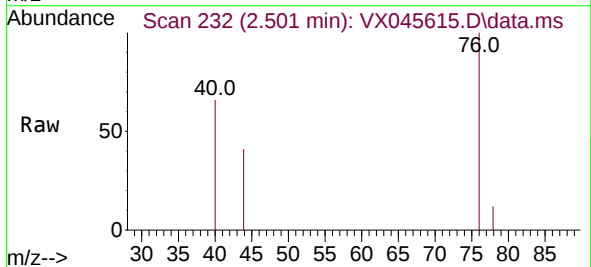
Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

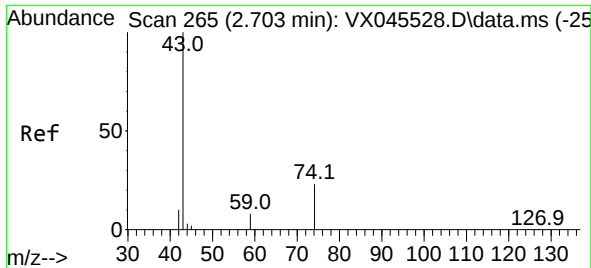
Tgt Ion: 43 Resp: 1059
Ion Ratio Lower Upper
43 100
58 25.8 22.3 33.5



#17
Carbon Disulfide
Concen: 0.568 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.006 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

Tgt Ion: 76 Resp: 1145
Ion Ratio Lower Upper
76 100
78 12.3 7.0 10.6#

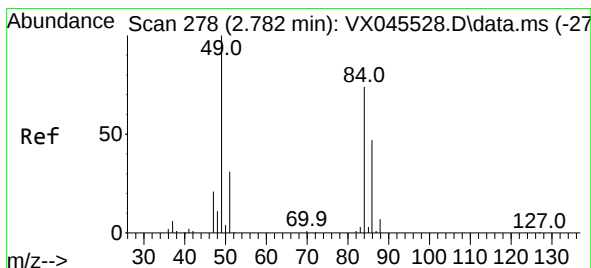
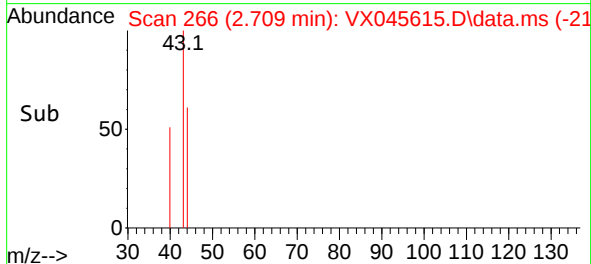
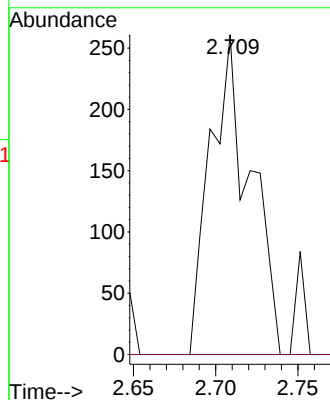
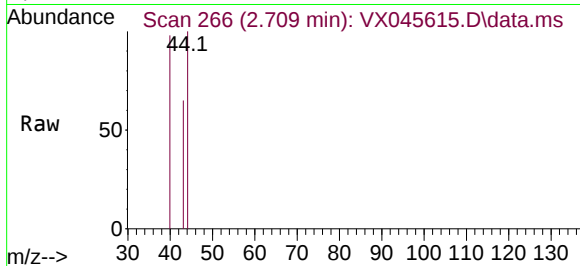




#18
Methyl Acetate
Concen: 0.377 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

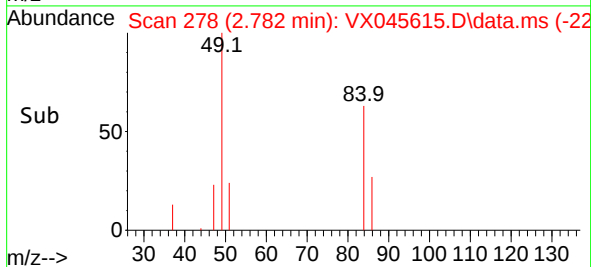
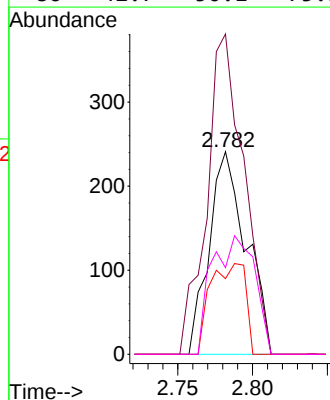
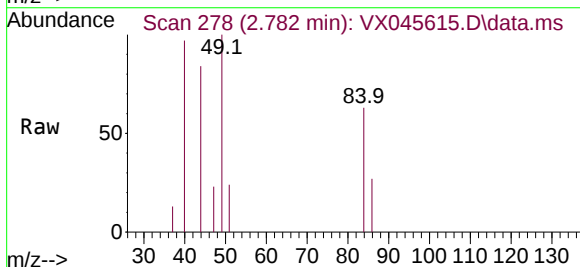
Instrument :
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ClientSampleId :
VX0407MBL01

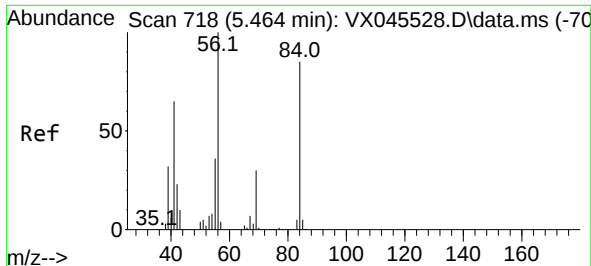
Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 0.436 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

Tgt Ion: 84 Resp: 417
Ion Ratio Lower Upper
84 100
49 158.1 107.5 161.3
51 37.3 33.0 49.6
86 42.7 50.1 75.1#

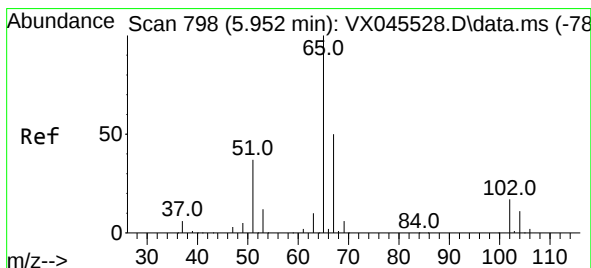
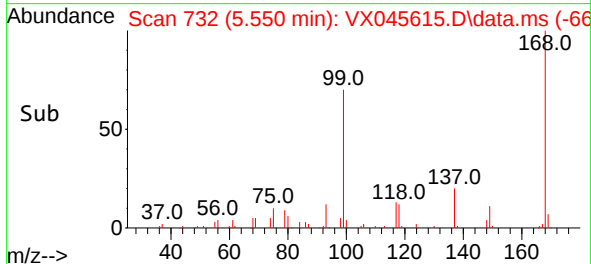
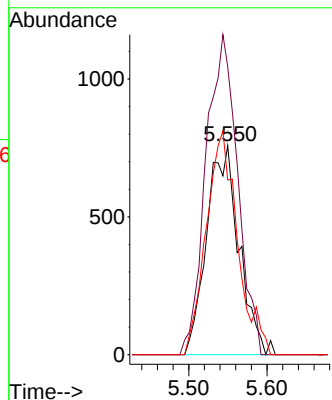
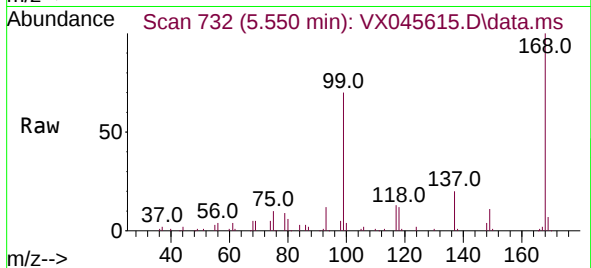




#31
Cyclohexane
Concen: 1.425 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

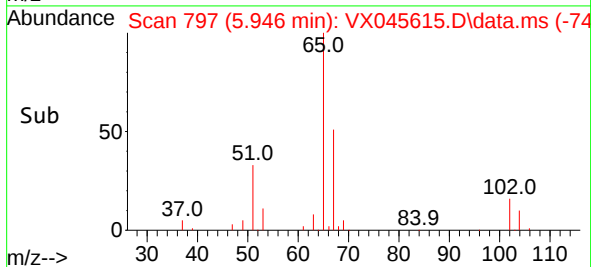
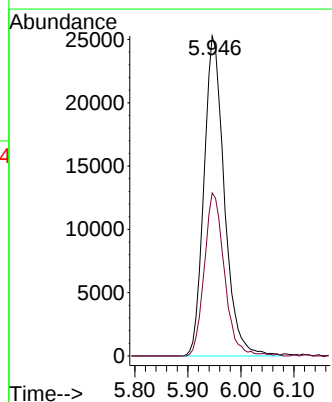
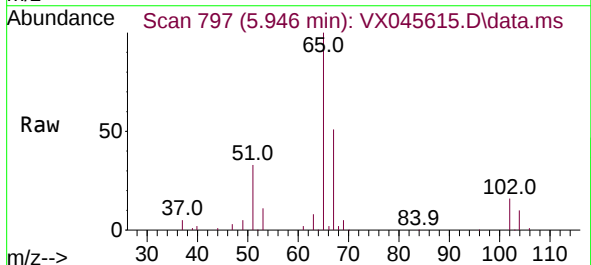
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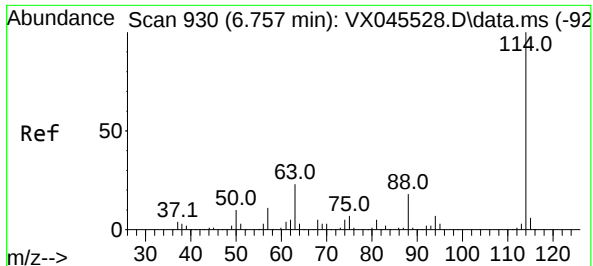
Tgt Ion: 56 Resp: 2173
Ion Ratio Lower Upper
56 100
69 137.9 23.6 35.4#
84 83.6 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.368 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

Tgt Ion: 65 Resp: 67575
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.0

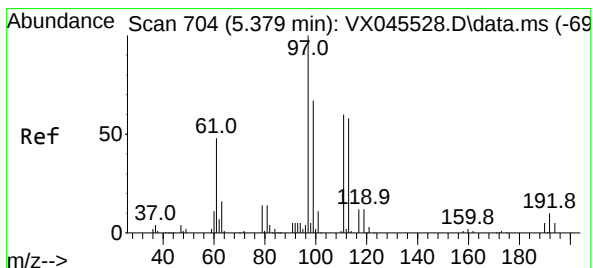
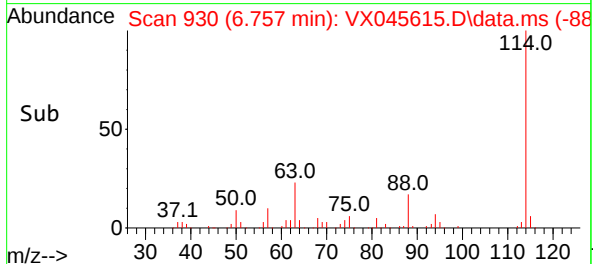
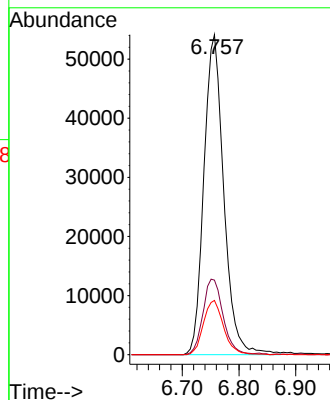
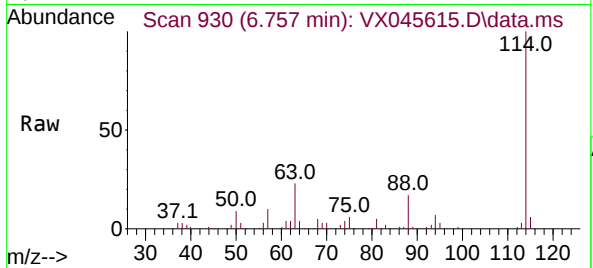




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

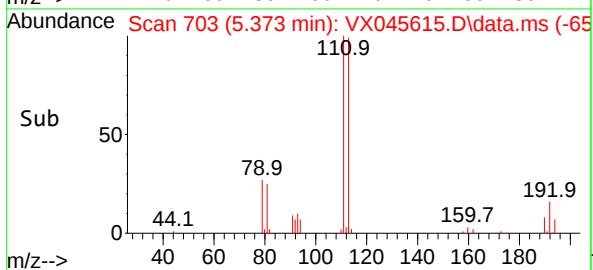
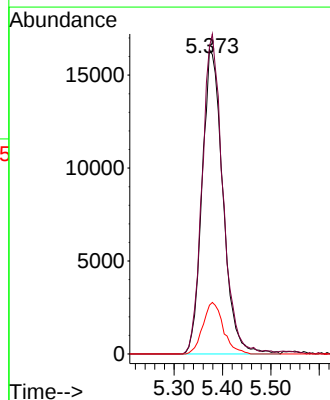
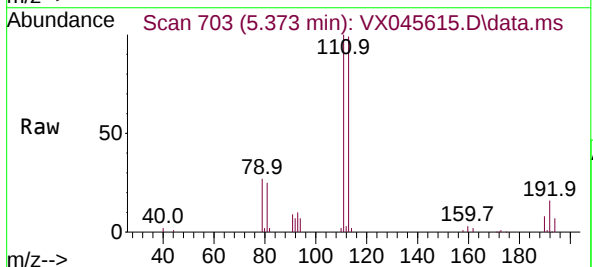
Instrument :
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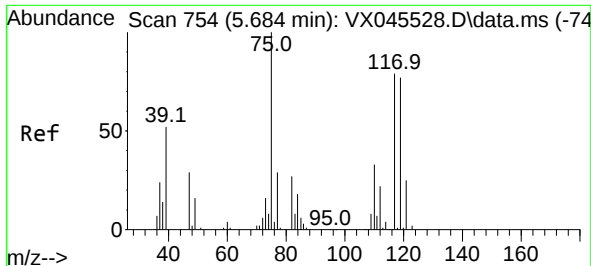
Tgt Ion:114 Resp: 131749
Ion Ratio Lower Upper
114 100
63 23.3 0.0 46.8
88 17.0 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.328 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

Tgt Ion:113 Resp: 48914
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 16.6 13.8 20.6

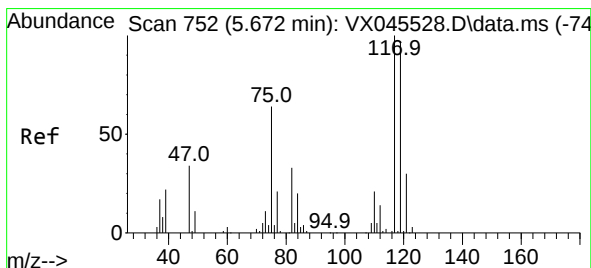
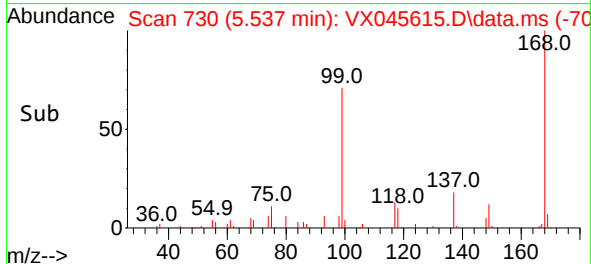
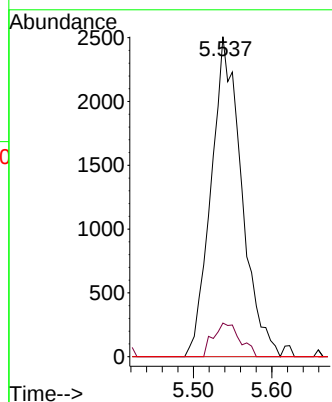
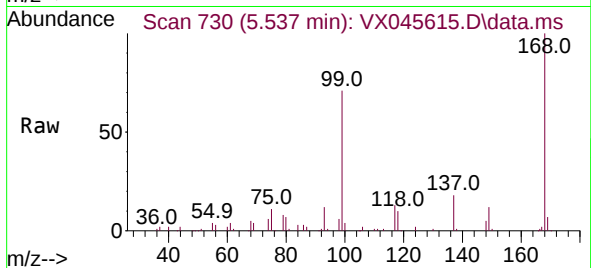




#36
1,1-Dichloropropene
Concen: 5.381 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

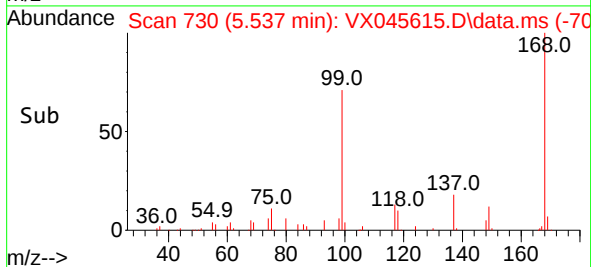
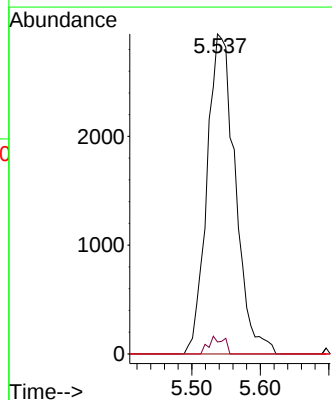
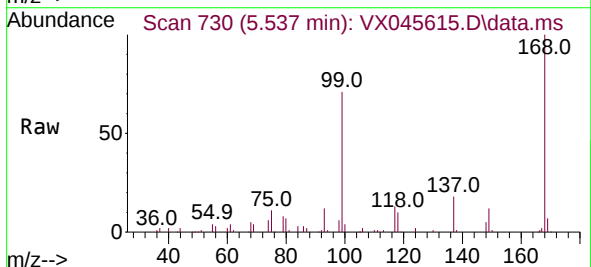
Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

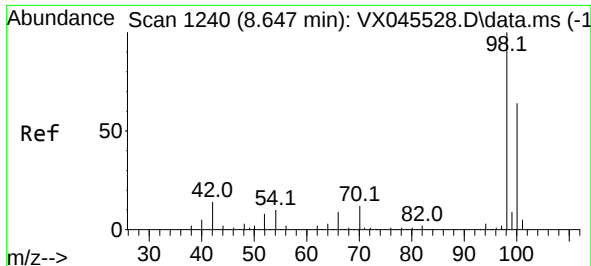
Tgt Ion: 75 Resp: 6792
Ion Ratio Lower Upper
75 100
110 9.1 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.196 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

Tgt Ion: 117 Resp: 8452
Ion Ratio Lower Upper
117 100
119 3.7 76.9 115.3#
121 0.0 24.2 36.2#

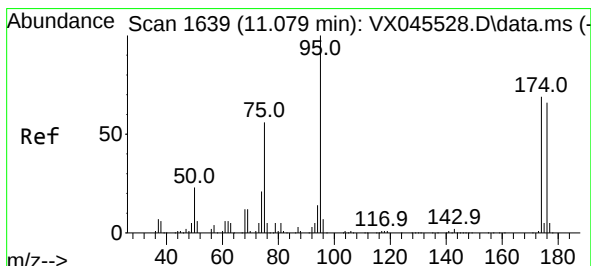
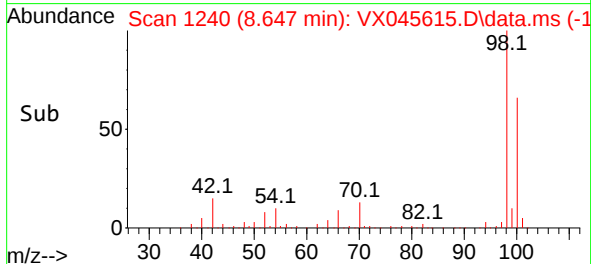
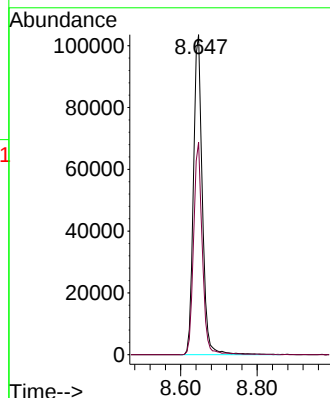
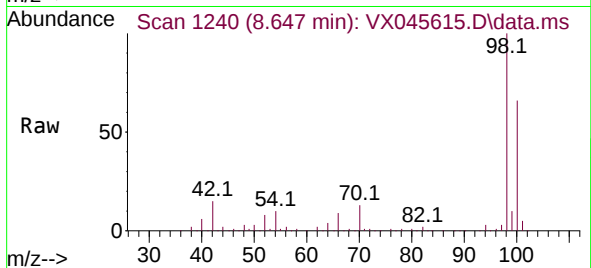




#50
Toluene-d8
Concen: 51.209 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

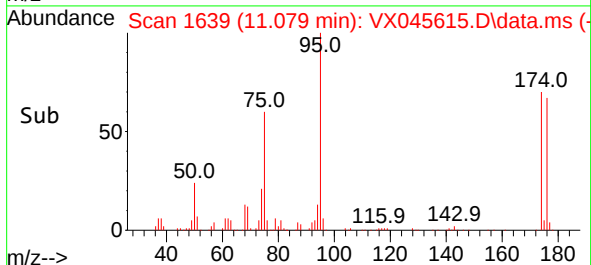
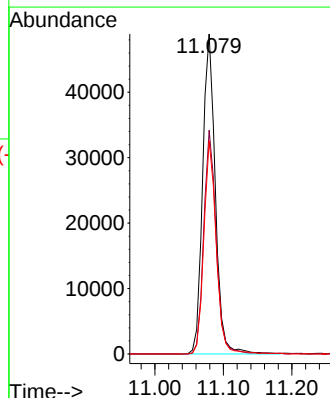
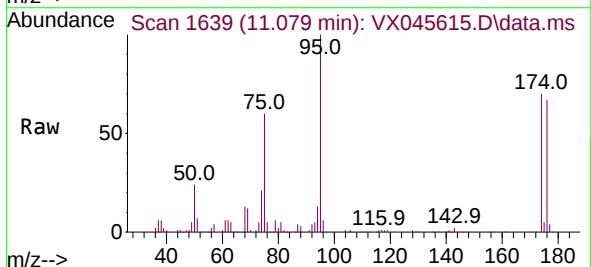
Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

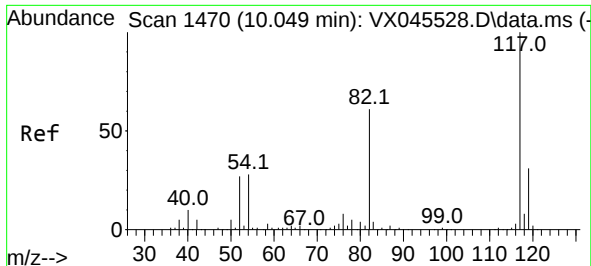
Tgt Ion: 98 Resp: 167078
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.173 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

Tgt Ion: 95 Resp: 63193
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.8
176 64.7 0.0 131.4

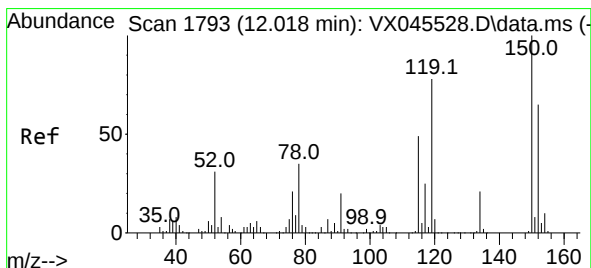
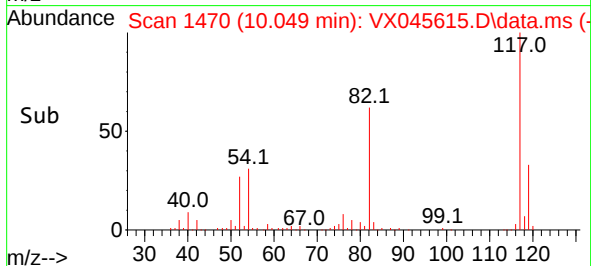
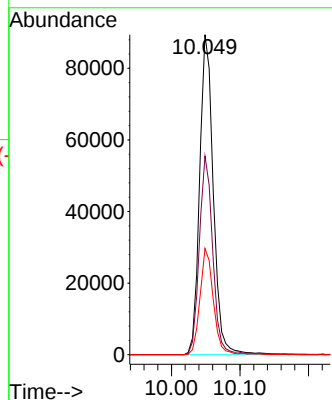
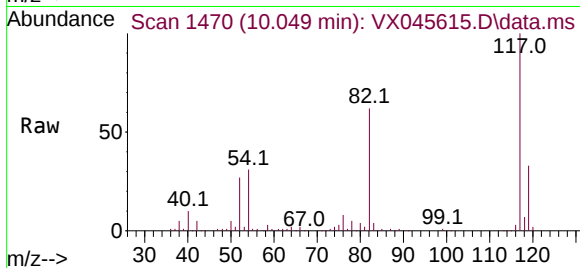




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

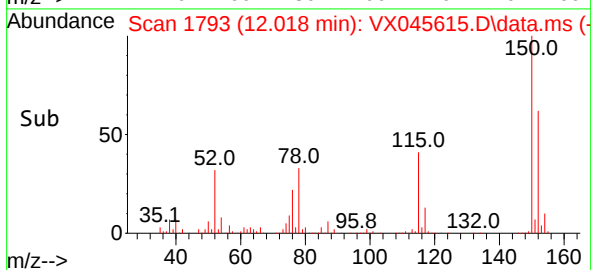
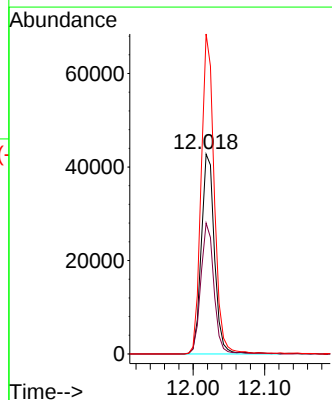
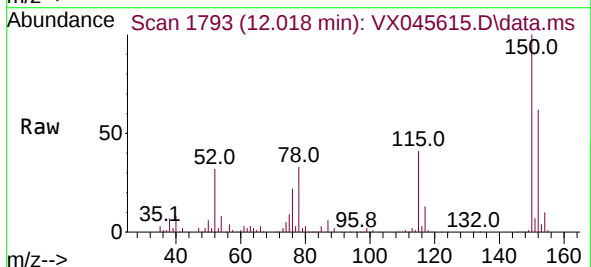
Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

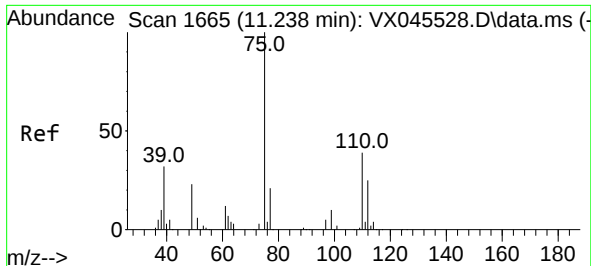
Tgt Ion:117 Resp: 124570
Ion Ratio Lower Upper
117 100
82 62.1 49.2 73.8
119 33.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

Tgt Ion:152 Resp: 54668
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 158.6 0.0 349.4

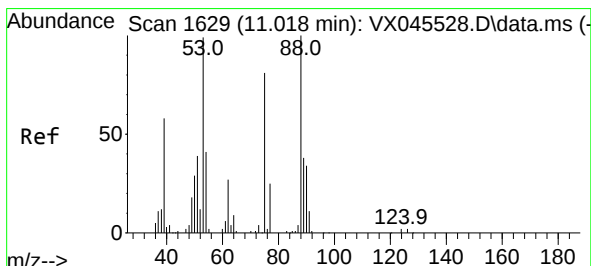
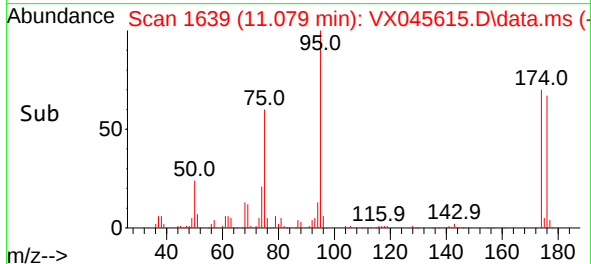
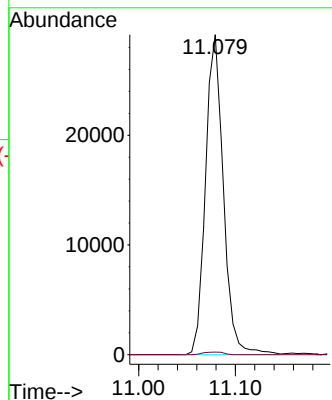
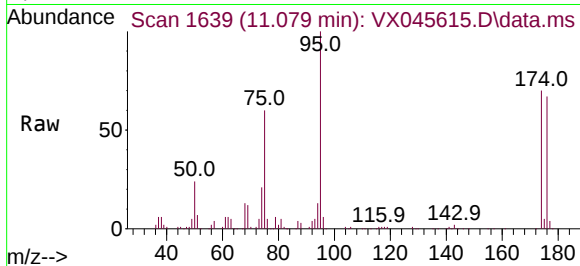




#76
1,2,3-Trichloropropane
Concen: 28.048 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

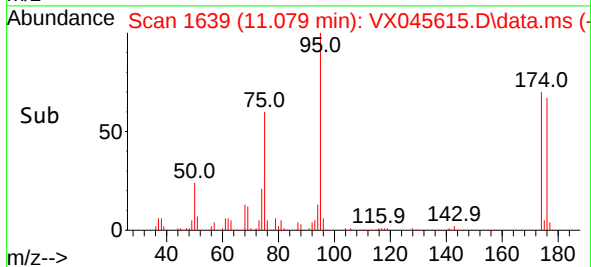
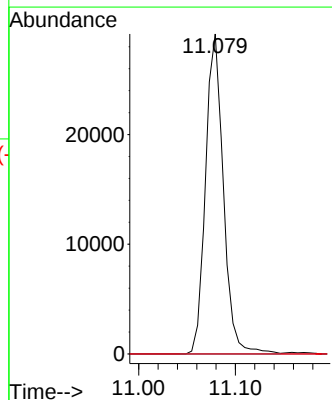
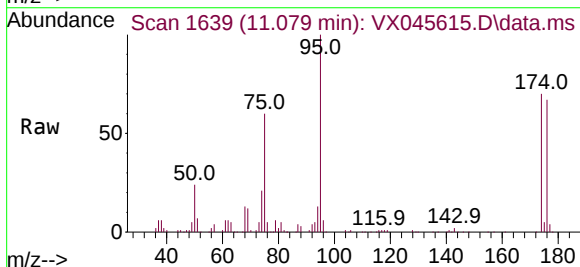
Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

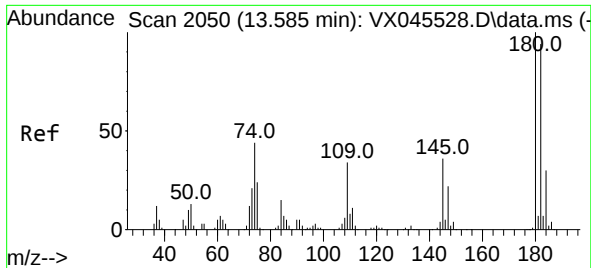
Tgt Ion: 75 Resp: 37402
Ion Ratio Lower Upper
75 100
77 0.9 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

Tgt Ion: 75 Resp: 37402
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

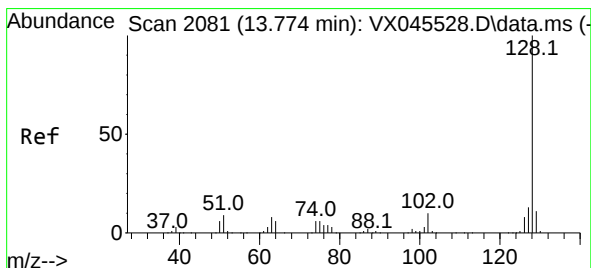
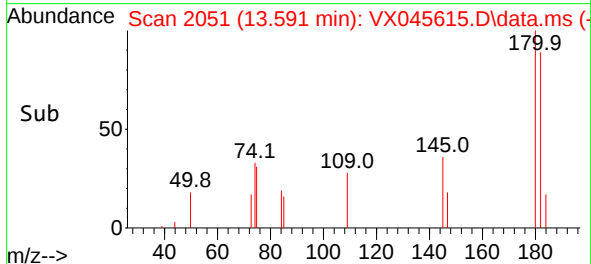
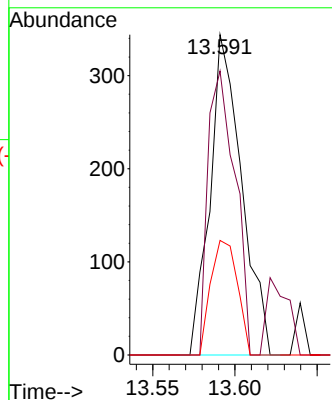
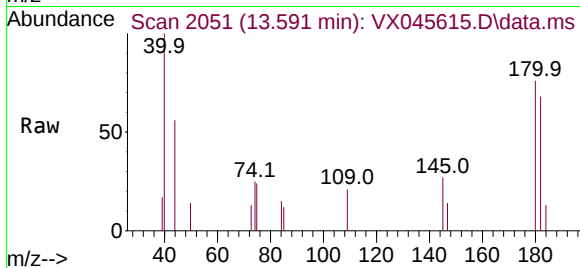




#93
1,2,4-Trichlorobenzene
Concen: 0.451 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

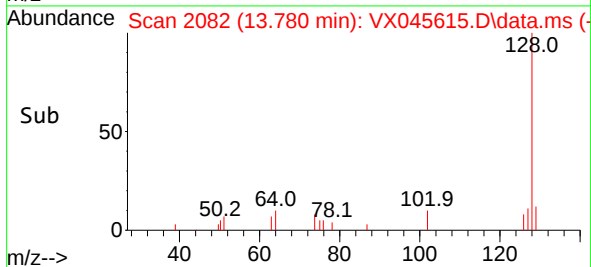
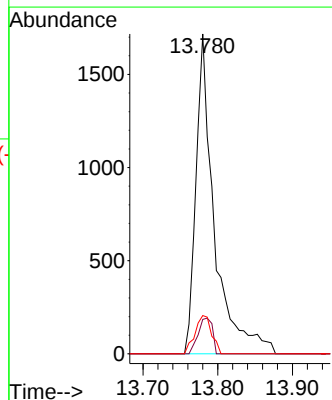
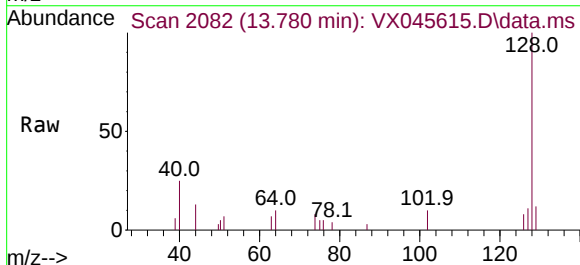
Instrument :
MSVOA_X
ClientSampleId :
VX0407MBL01

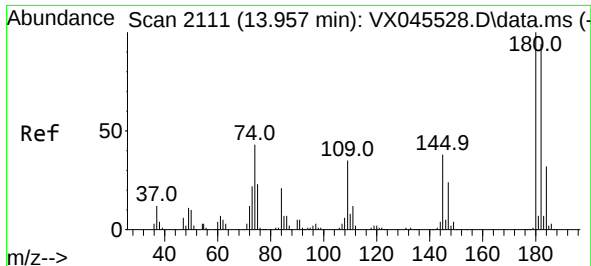
Tgt Ion:180 Resp: 460
Ion Ratio Lower Upper
180 100
182 75.9 47.9 143.6
145 30.2 17.9 53.8



#95
Naphthalene
Concen: 0.775 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045615.D
Acq: 07 Apr 2025 09:47

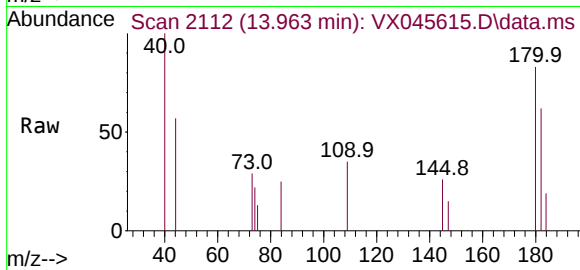
Tgt Ion:128 Resp: 2940
Ion Ratio Lower Upper
128 100
127 8.6 10.3 15.5#
129 10.8 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.514 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX045615.D
 Acq: 07 Apr 2025 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407MBL01



Tgt Ion:180	Resp:	549
Ion	Ratio	Lower Upper
180	100	
182	88.2	47.3 141.8
145	21.9	18.2 54.6

