

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
 Data File : VX045101.D
 Acq On : 03 Mar 2025 09:16
 Operator : JC/MD
 Sample : VX0303MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 09:45:59 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)

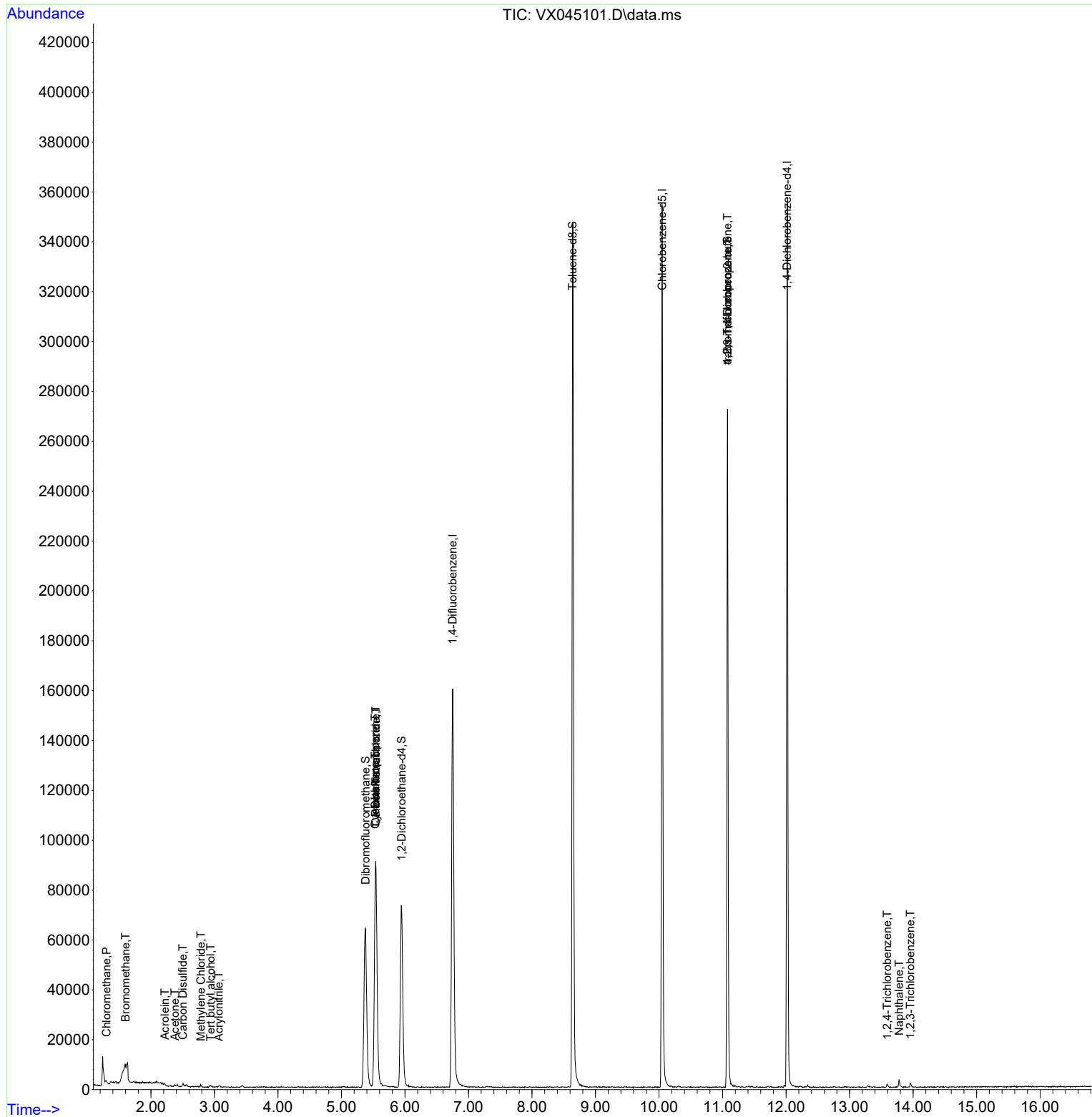
Internal Standards						
1) Pentafluorobenzene	5.538	168	85856	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	167842	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	154084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	69138	50.63	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.26%			
35) Dibromofluoromethane	5.379	113	57640	51.36	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.72%			
50) Toluene-d8	8.641	98	209430	51.47	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.94%			
62) 4-Bromofluorobenzene	11.079	95	72357	53.67	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.34%			
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	549	0.42	ug/l #	43
5) Bromomethane	1.599	94	218	0.42	ug/l #	57
11) Tert butyl alcohol	2.940	59	255	0.99	ug/l #	73
13) Acrolein	2.221	56	190	0.64	ug/l #	52
15) Acrylonitrile	3.068	53	233	0.34	ug/l #	62
16) Acetone	2.380	43	750	1.18	ug/l	93
17) Carbon Disulfide	2.501	76	1378	0.49	ug/l	99
20) Methylene Chloride	2.788	84	317	0.25	ug/l #	69
31) Cyclohexane	5.531	56	2228	1.20	ug/l #	27
36) 1,1-Dichloropropene	5.531	75	7736	5.03	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8908	5.70	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	38697	24.24	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	38697	82.94	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	521	0.40	ug/l	78
95) Naphthalene	13.780	128	2615	0.53	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	593	0.44	ug/l	97

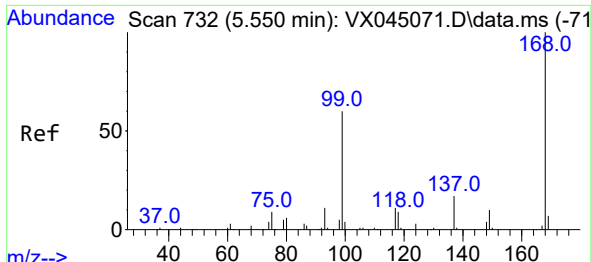
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
Data File : VX045101.D
Acq On : 03 Mar 2025 09:16
Operator : JC/MD
Sample : VX0303MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

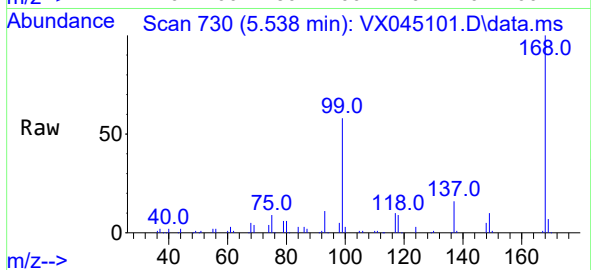
Quant Time: Mar 03 09:45:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



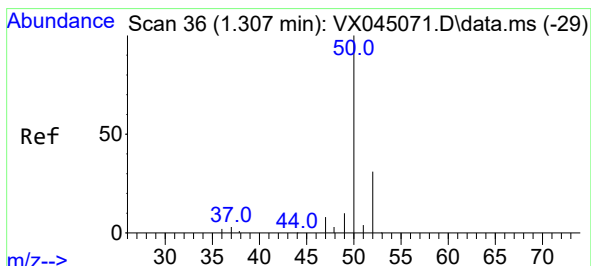
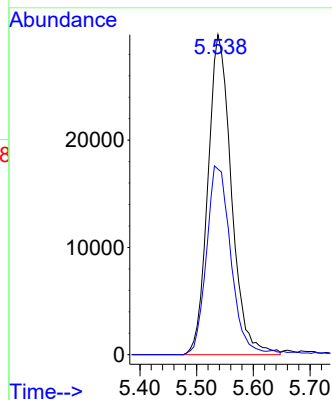
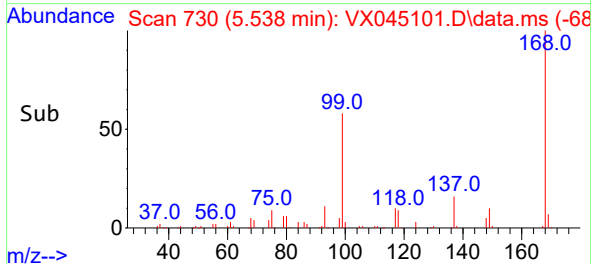


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :

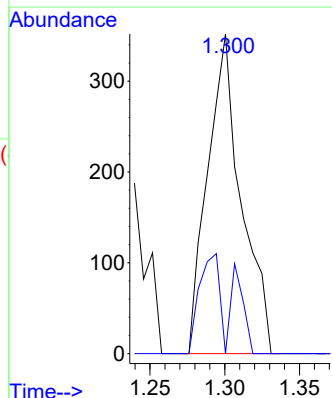
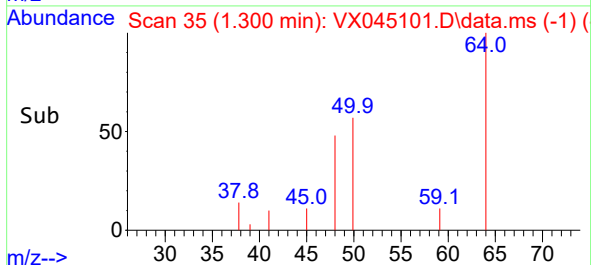
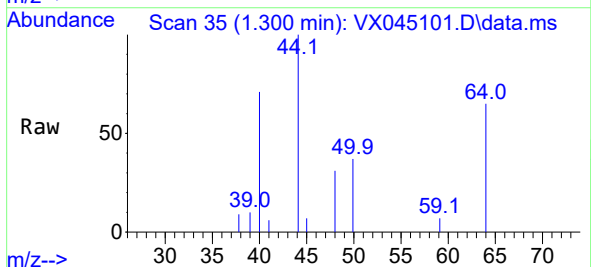


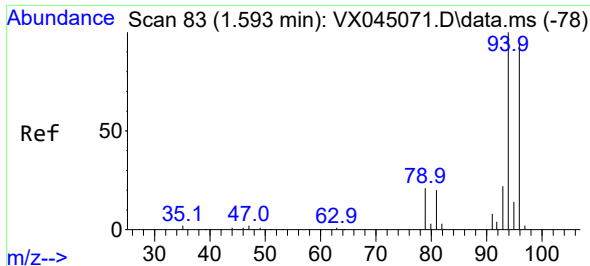
Tgt Ion:168 Resp: 85856
Ion Ratio Lower Upper
168 100
99 58.0 48.2 72.4



#3
Chloromethane
Concen: 0.42 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

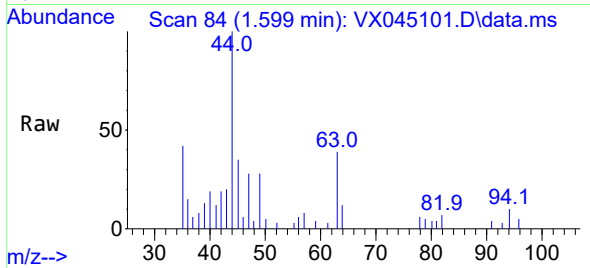
Tgt Ion: 50 Resp: 549
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



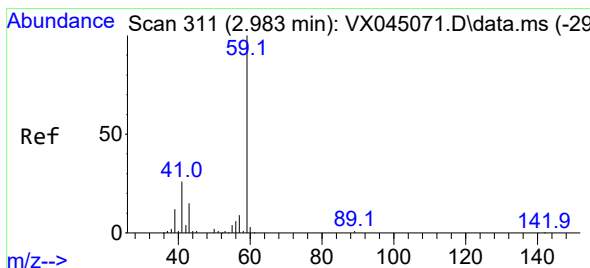
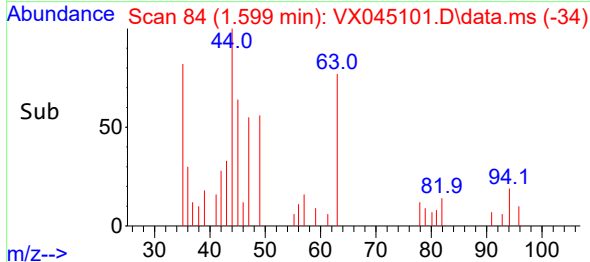
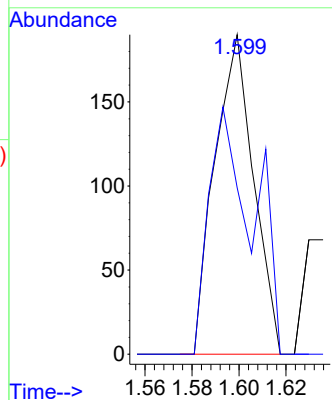


#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :

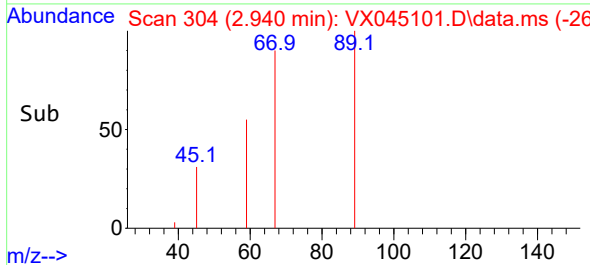
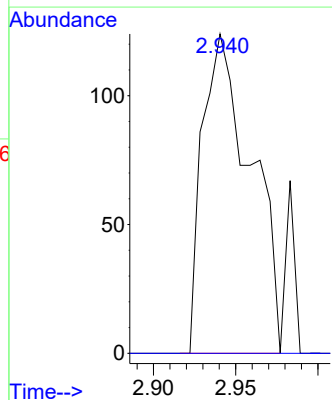
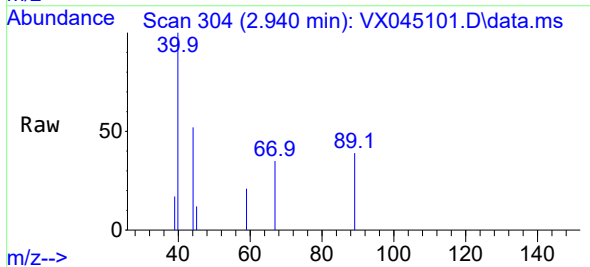


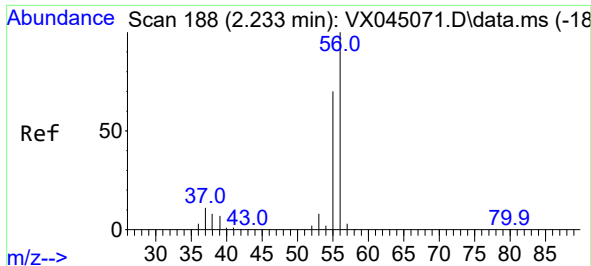
Tgt Ion: 94 Resp: 218
Ion Ratio Lower Upper
94 100
96 52.1 75.0 112.4#



#11
Tert butyl alcohol
Concen: 0.99 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

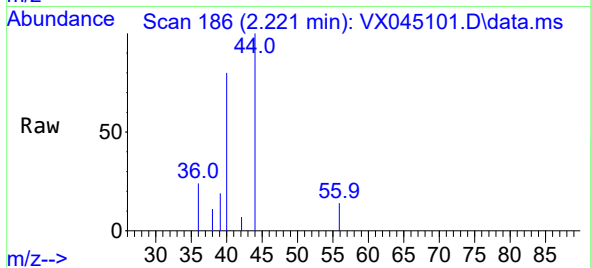
Tgt Ion: 59 Resp: 255
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



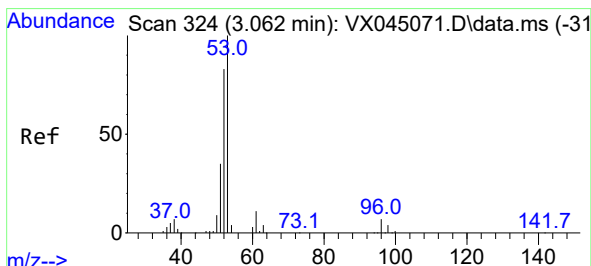
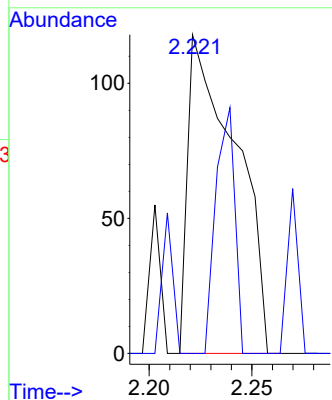
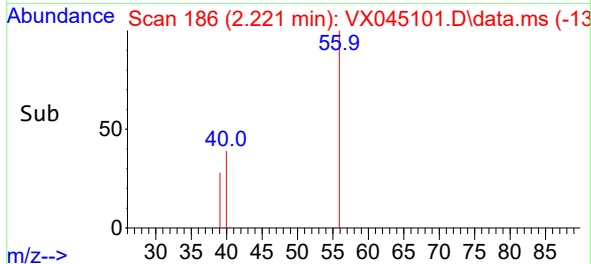


#13
Acrolein
Concen: 0.64 ug/l
RT: 2.221 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

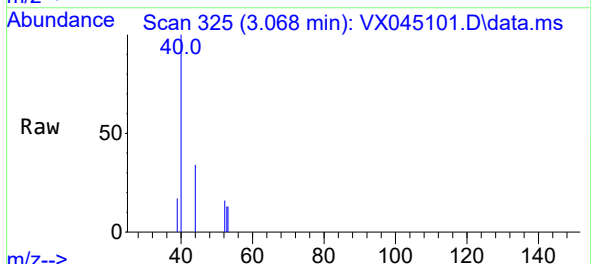
Instrument :
MSVOA_X
ClientSampleId :



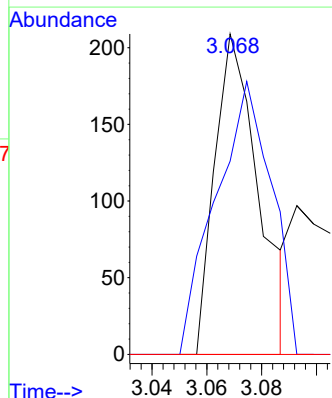
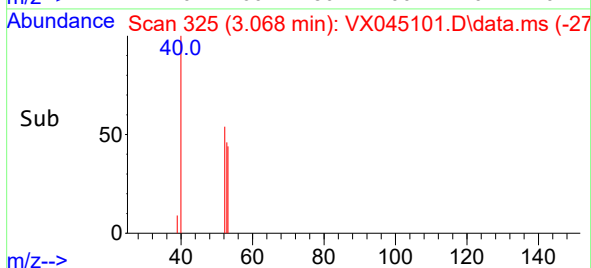
Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
55 31.1 56.2 84.4#

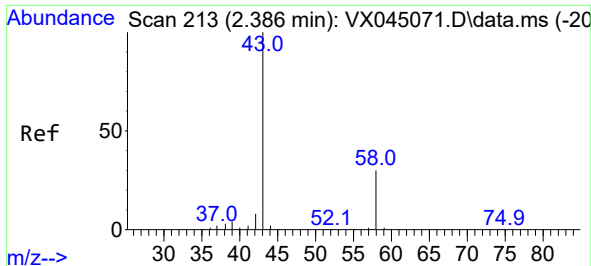


#15
Acrylonitrile
Concen: 0.34 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16



Tgt Ion: 53 Resp: 233
Ion Ratio Lower Upper
53 100
52 108.2 66.2 99.2#
51 0.0 29.0 43.4#

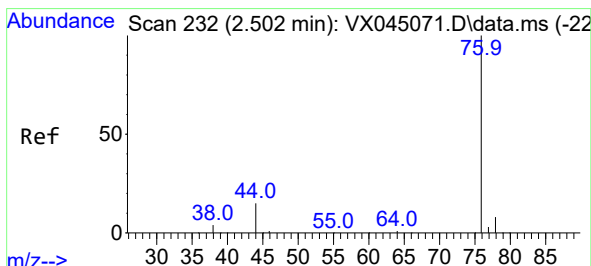
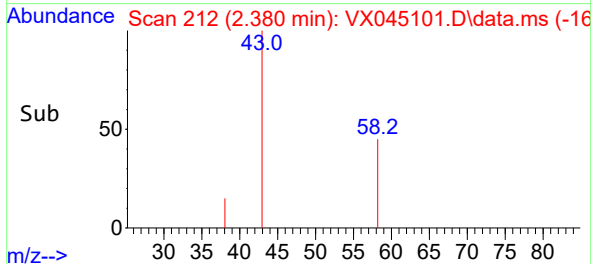
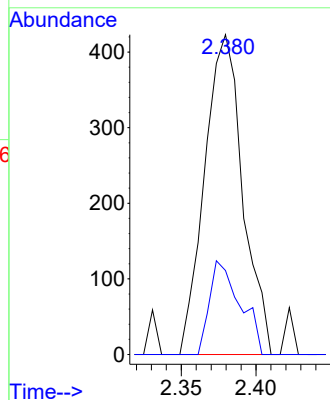
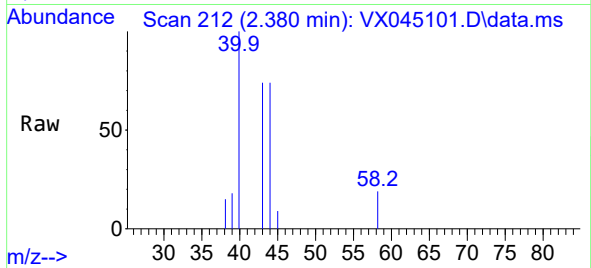




#16
Acetone
Concen: 1.18 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

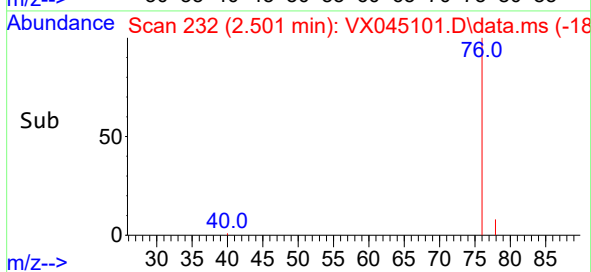
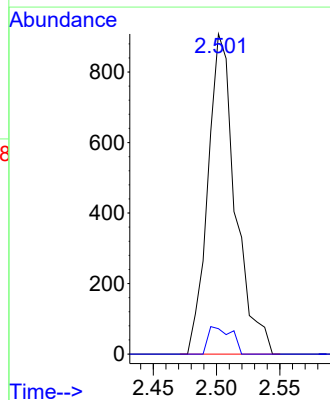
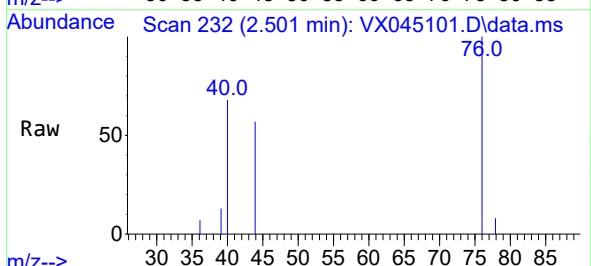
Instrument :
MSVOA_X
ClientSampleId :

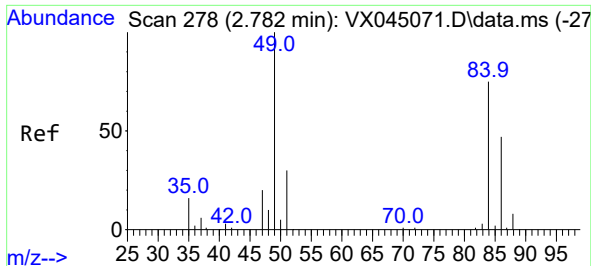
Tgt Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
58 26.2 24.2 36.4



#17
Carbon Disulfide
Concen: 0.49 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

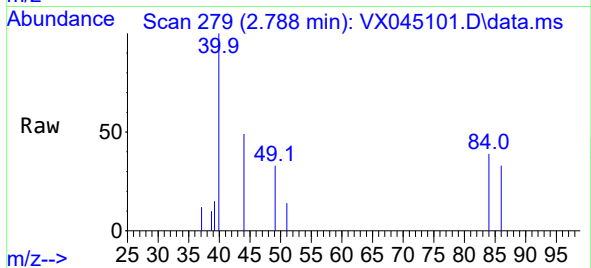
Tgt Ion: 76 Resp: 1378
Ion Ratio Lower Upper
76 100
78 7.9 6.6 9.8





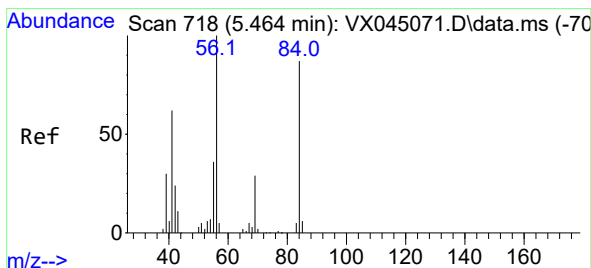
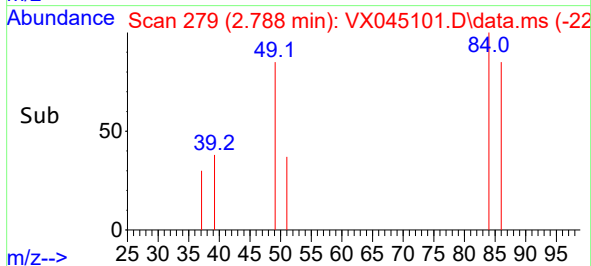
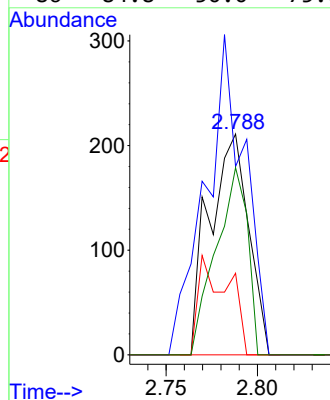
#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 317

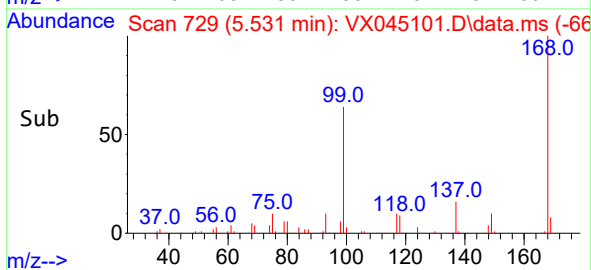
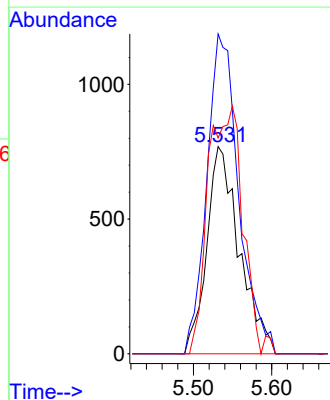
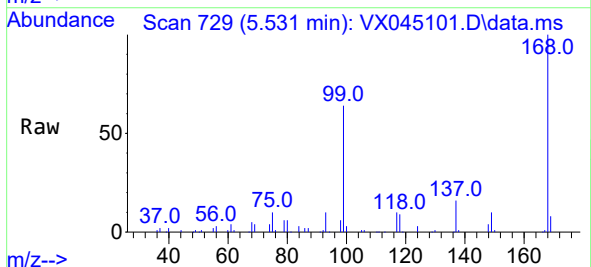
Ion	Ratio	Lower	Upper
84	100		
49	85.3	106.5	159.7#
51	37.0	32.1	48.1
86	84.8	50.0	75.0#

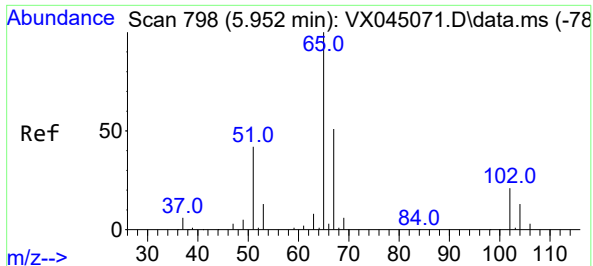


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.531 min Scan# 729
Delta R.T. 0.067 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Tgt Ion: 56 Resp: 2228

Ion	Ratio	Lower	Upper
56	100		
69	154.4	23.4	35.2#
84	104.2	69.4	104.2#

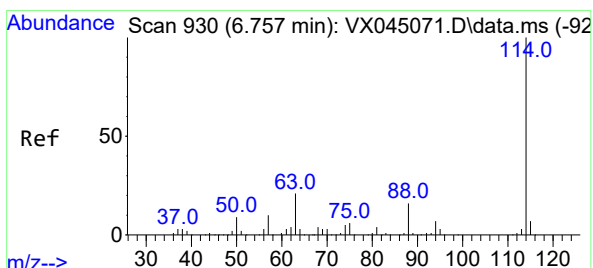
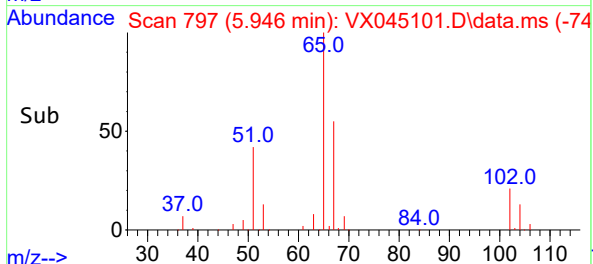
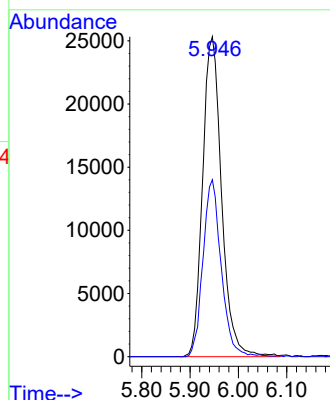
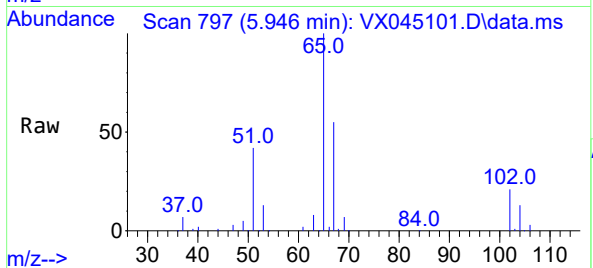




#33
1,2-Dichloroethane-d4
Concen: 50.63 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

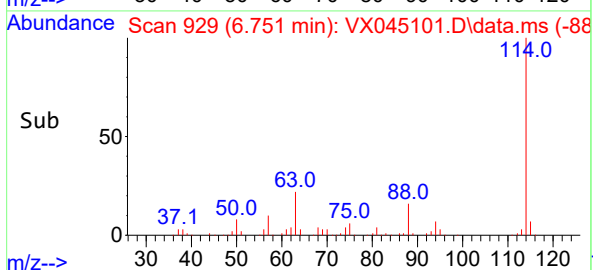
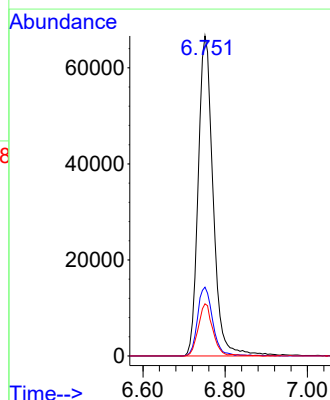
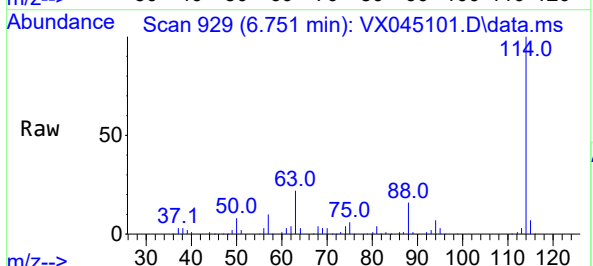
Instrument :
MSVOA_X
ClientSampleId :

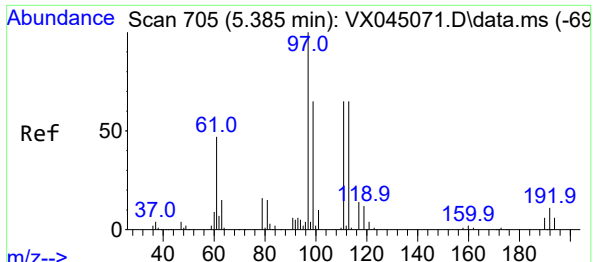
Tgt Ion: 65 Resp: 69138
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

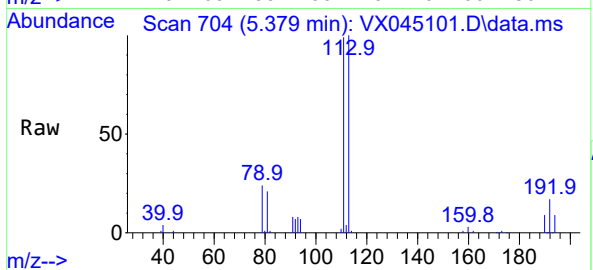
Tgt Ion: 114 Resp: 167842
Ion Ratio Lower Upper
114 100
63 21.5 0.0 41.8
88 16.3 0.0 32.8



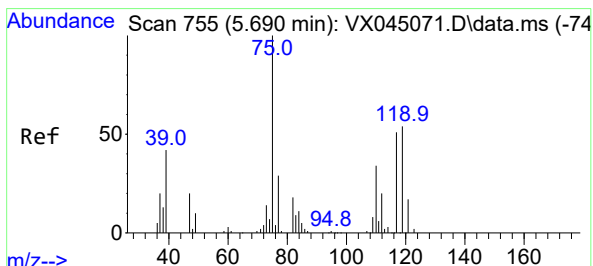
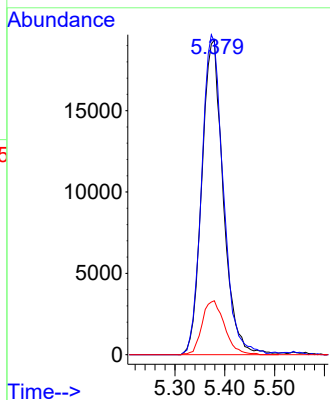
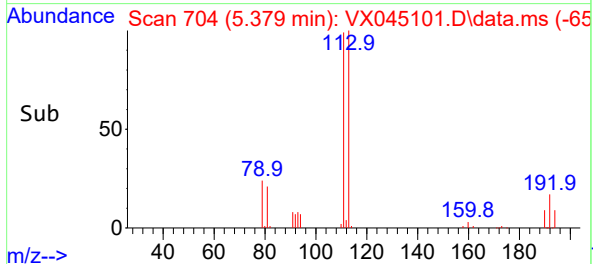


#35
Dibromofluoromethane
Concen: 51.36 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :

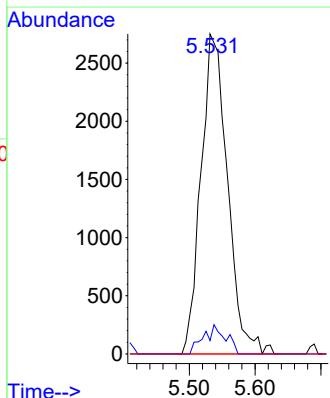
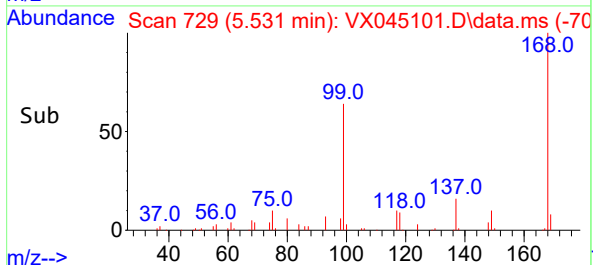
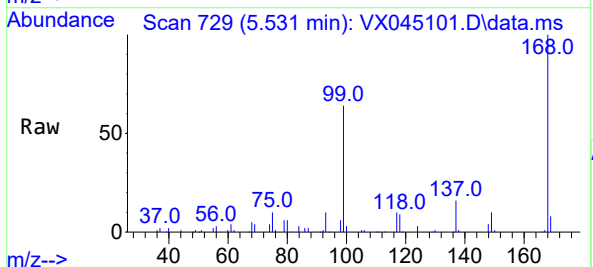


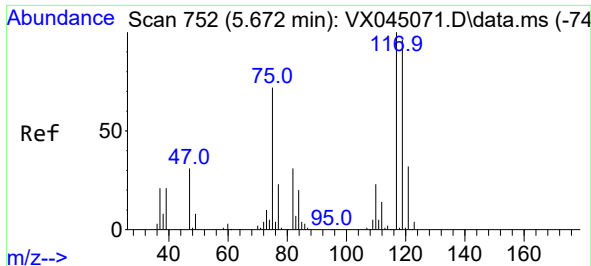
Tgt Ion:113 Resp: 57640
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 18.0 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.03 ug/l
RT: 5.531 min Scan# 729
Delta R.T. -0.159 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

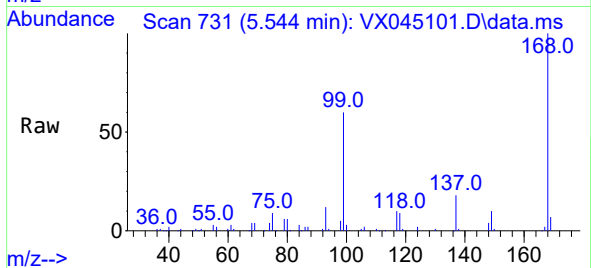
Tgt Ion: 75 Resp: 7736
Ion Ratio Lower Upper
75 100
110 7.6 16.9 50.6#
77 0.0 24.5 36.7#



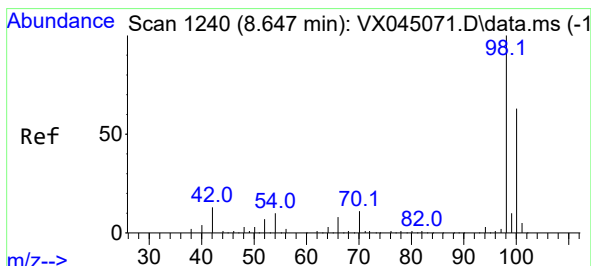
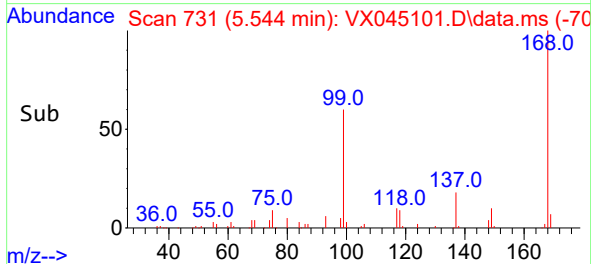
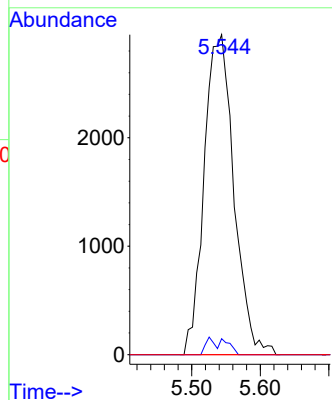


#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :

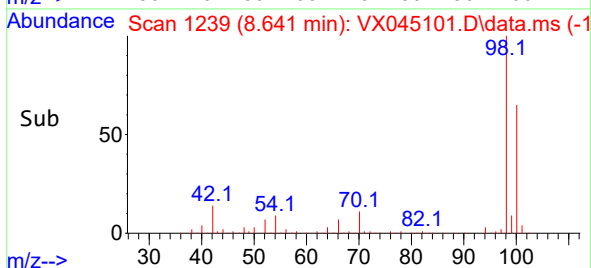
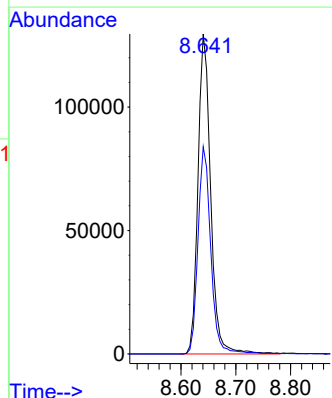
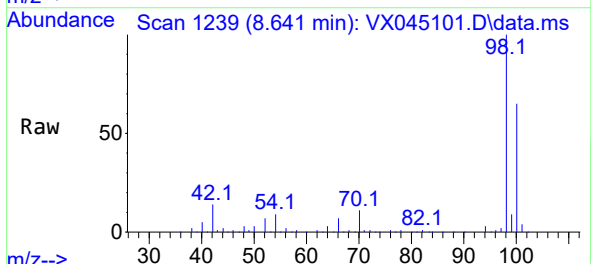


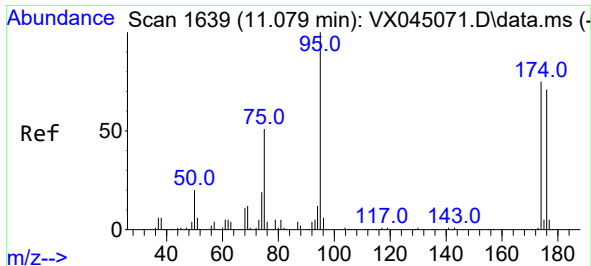
Tgt Ion:117 Resp: 8908
Ion Ratio Lower Upper
117 100
119 5.0 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.47 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Tgt Ion: 98 Resp: 209430
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

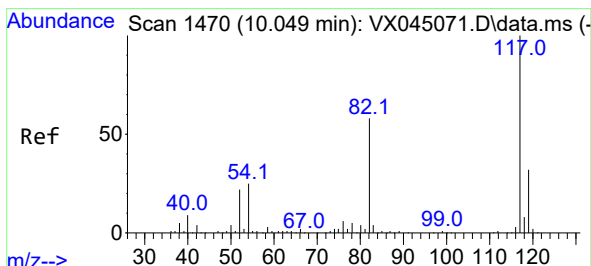
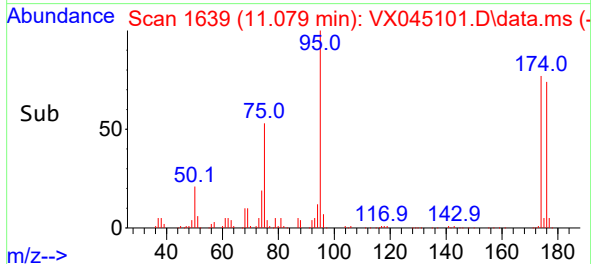
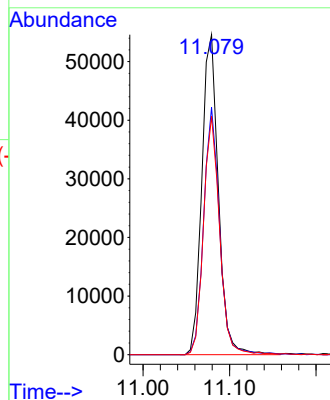
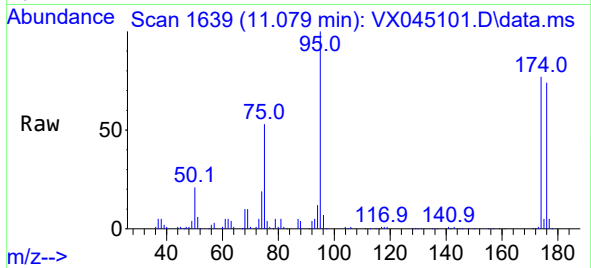




#62
4-Bromofluorobenzene
Concen: 53.67 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

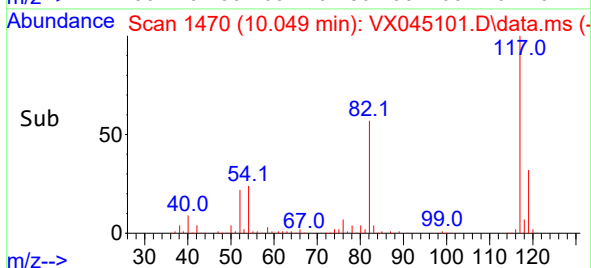
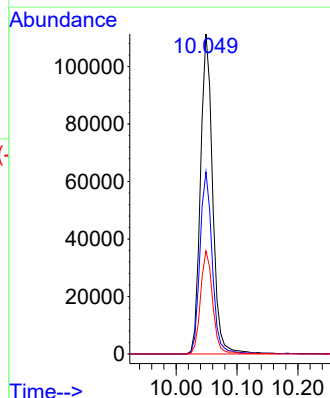
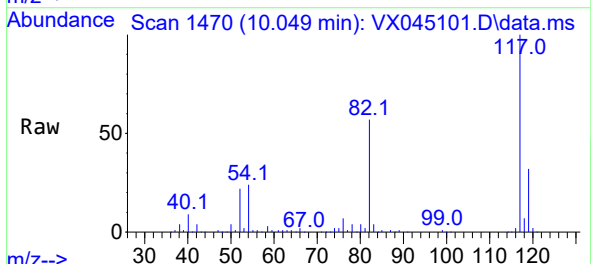
Instrument :
MSVOA_X
ClientSampleId :

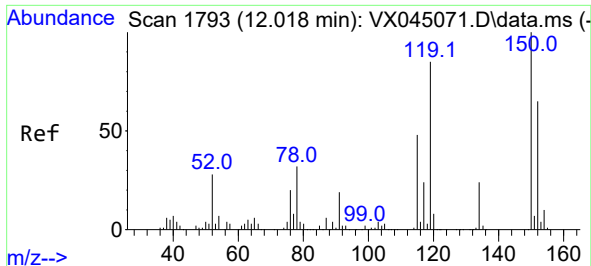
Tgt Ion: 95 Resp: 72357
Ion Ratio Lower Upper
95 100
174 74.6 0.0 148.2
176 72.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Tgt Ion: 117 Resp: 154084
Ion Ratio Lower Upper
117 100
82 56.8 46.3 69.5
119 32.2 25.7 38.5

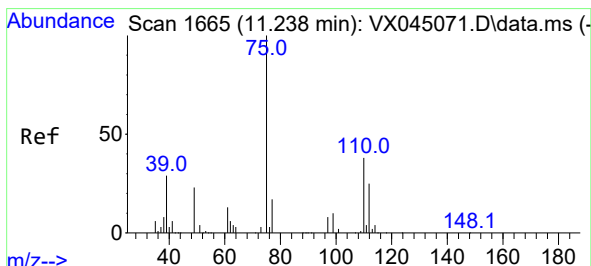
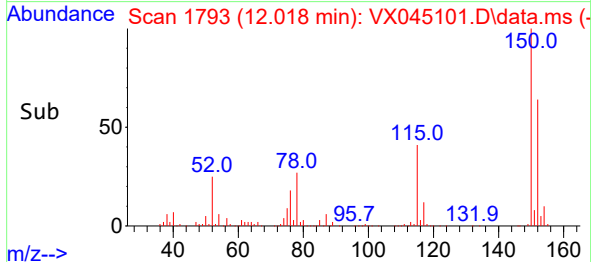
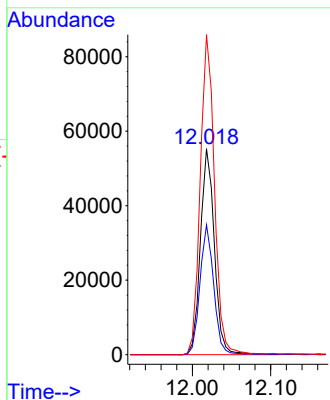
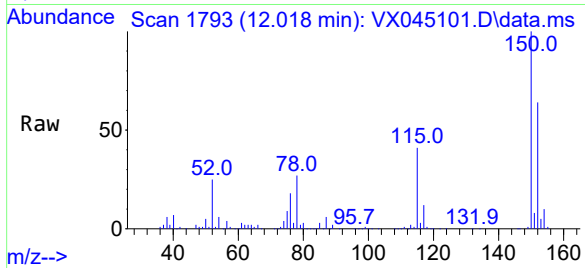




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

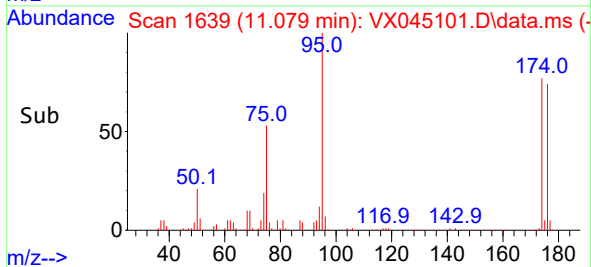
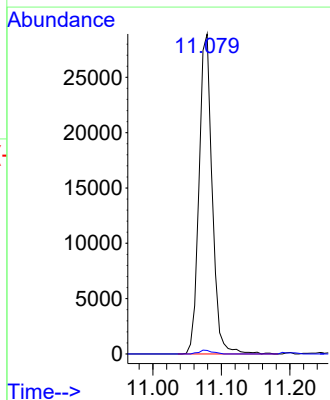
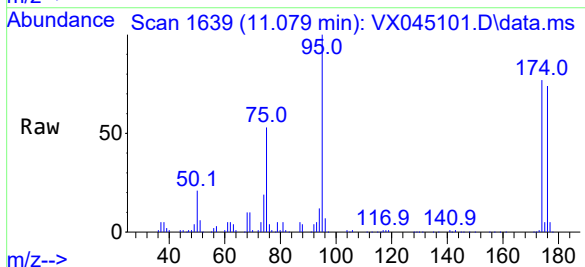
Instrument :
MSVOA_X
ClientSampleId :

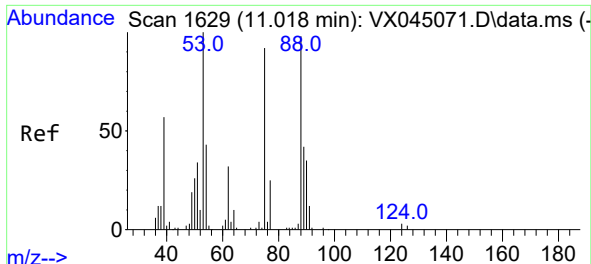
Tgt Ion:152 Resp: 68602
Ion Ratio Lower Upper
152 100
115 62.3 44.2 132.6
150 157.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.24 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

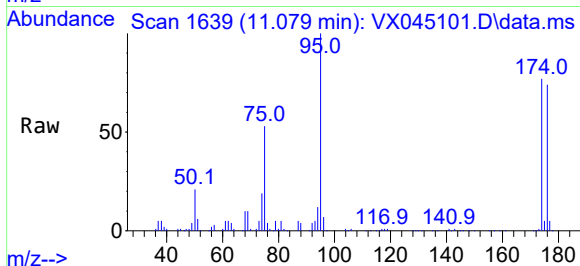
Tgt Ion: 75 Resp: 38697
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#



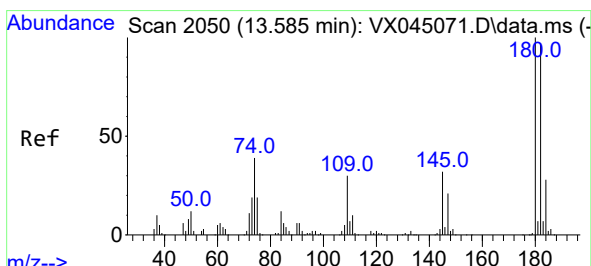
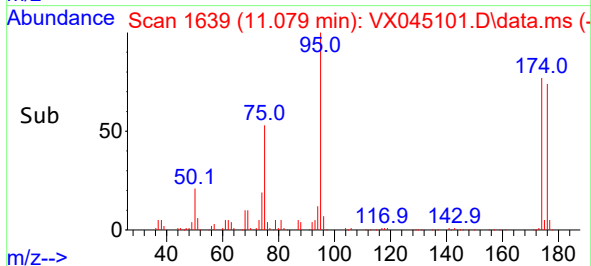
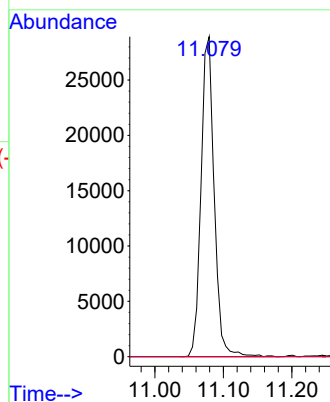


#81
trans-1,4-Dichloro-2-butene
Concen: 82.94 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :

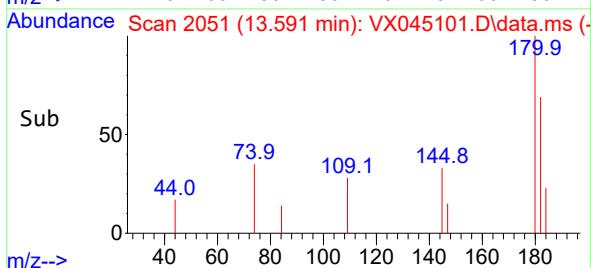
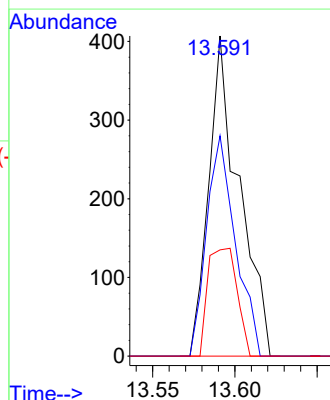
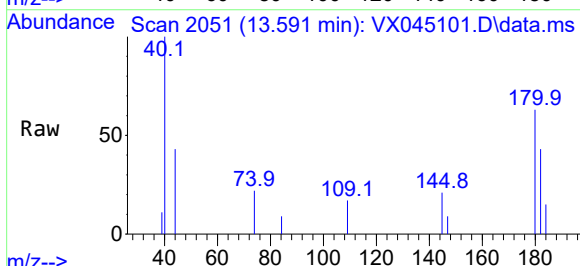


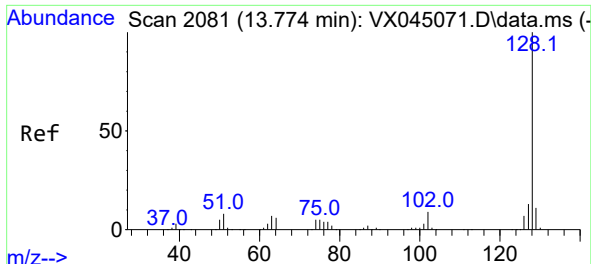
Tgt Ion: 75 Resp: 38697
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.40 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

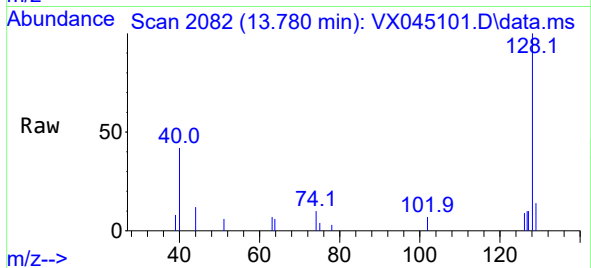
Tgt Ion: 180 Resp: 521
Ion Ratio Lower Upper
180 100
182 65.5 47.3 141.9
145 32.4 16.3 48.9



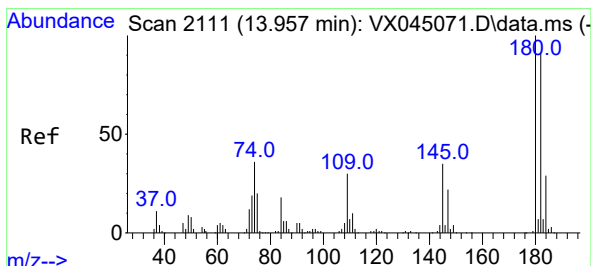
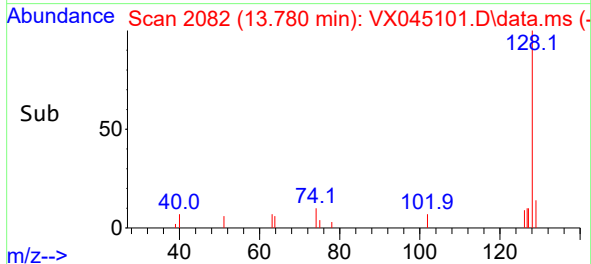
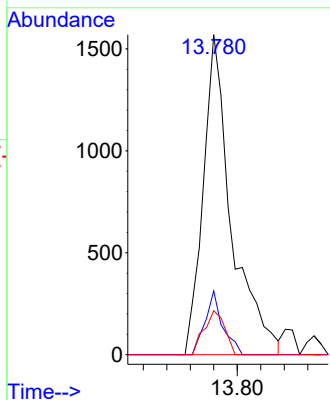


#95
Naphthalene
Concen: 0.53 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 2615
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 10.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.44 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Tgt Ion:180 Resp: 593
Ion Ratio Lower Upper
180 100
182 93.6 47.5 142.6
145 30.9 17.0 50.9

