

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045213.D
 Acq On : 11 Mar 2025 10:51
 Operator : JC/MD
 Sample : VX0311WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBL01

Quant Time: Mar 12 01:43:18 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)

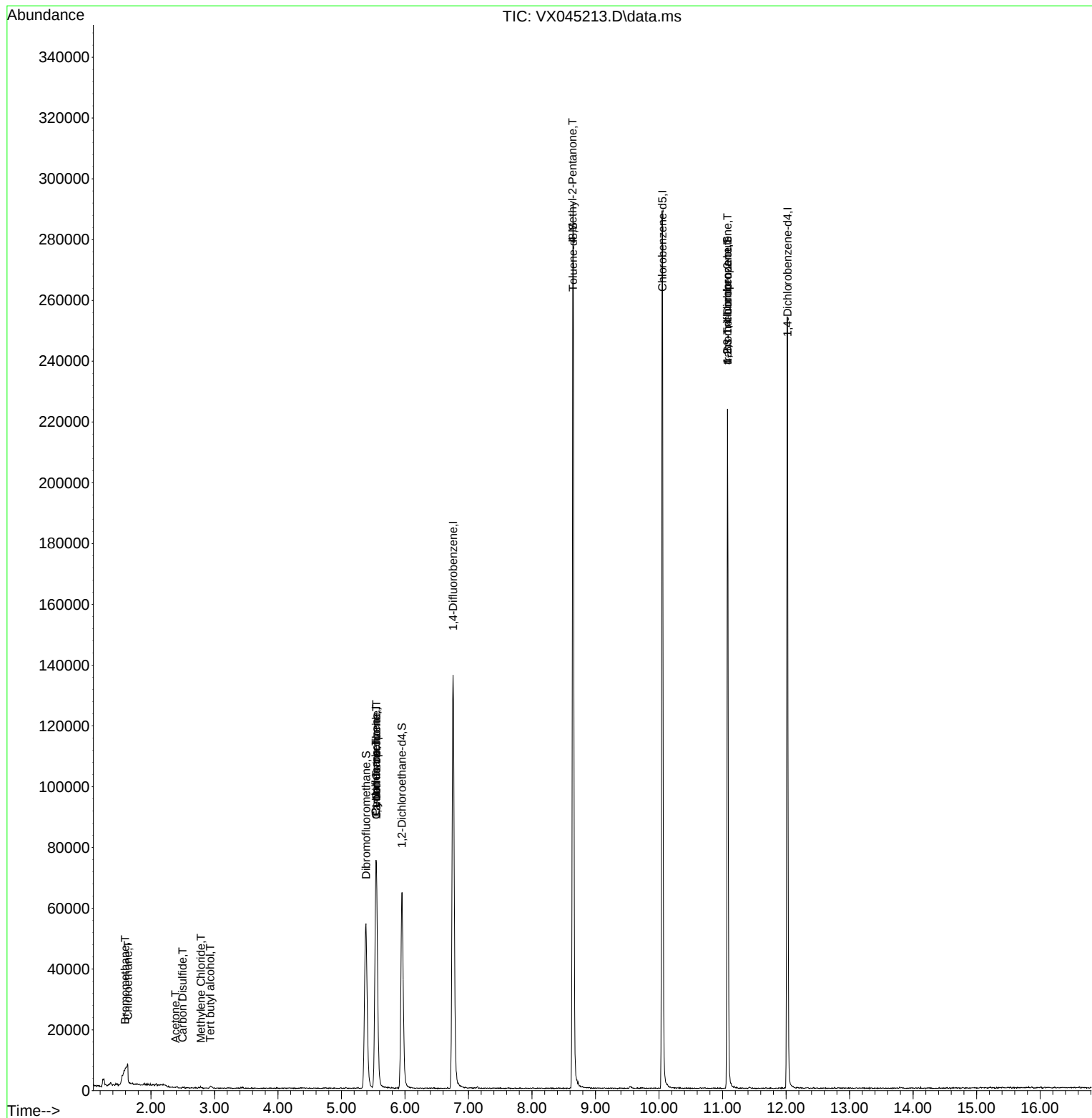
Internal Standards						
1) Pentafluorobenzene	5.544	168	69956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59358	53.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.680%			
35) Dibromofluoromethane	5.385	113	47150	50.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.300%			
50) Toluene-d8	8.647	98	170914	50.647	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.300%			
62) 4-Bromofluorobenzene	11.079	95	57517	51.435	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.880%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	93	0.221	ug/l #	3
6) Chloroethane	1.636	64	111	0.225	ug/l #	41
11) Tert butyl alcohol	2.934	59	342	1.623	ug/l #	73
16) Acetone	2.386	43	315	0.610	ug/l #	44
17) Carbon Disulfide	2.495	76	544	0.238	ug/l #	77
20) Methylene Chloride	2.788	84	221	0.216	ug/l #	61
31) Cyclohexane	5.544	56	1279	0.845	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	6491	5.085	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7511	5.796	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	808	0.495	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31730	27.228	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31730	93.180	ug/l #	6

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

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ClientSampleId :
VX0311WBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
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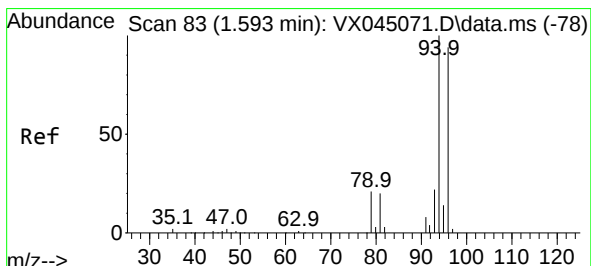
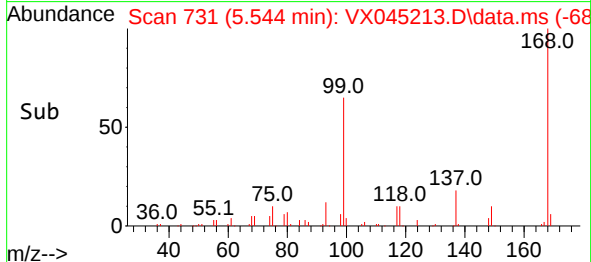
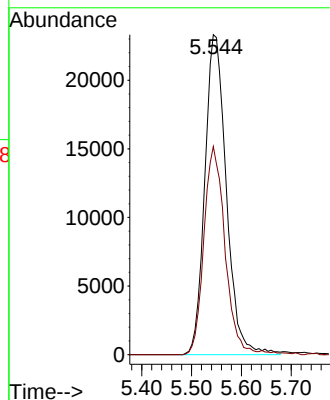
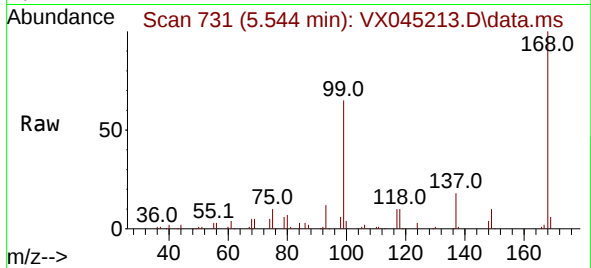




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

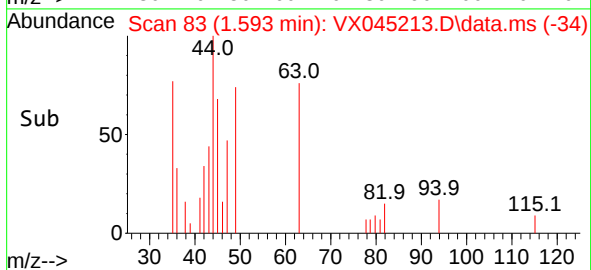
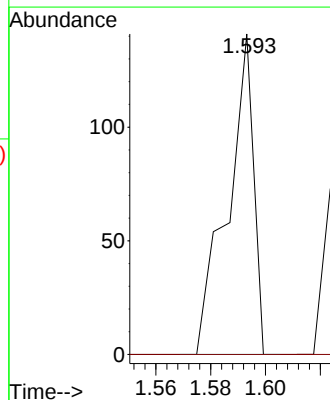
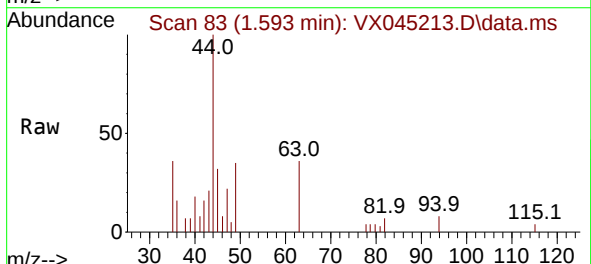
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

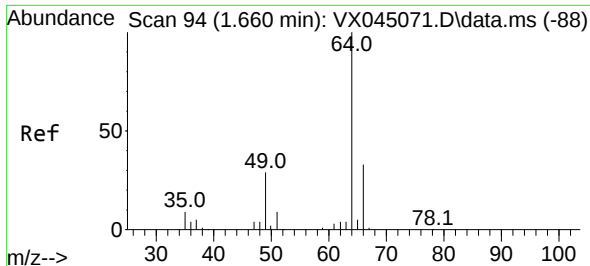
Tgt Ion:168 Resp: 69956
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.4



#5
Bromomethane
Concen: 0.221 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion: 94 Resp: 93
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#

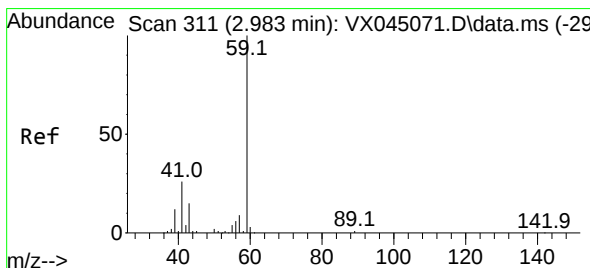
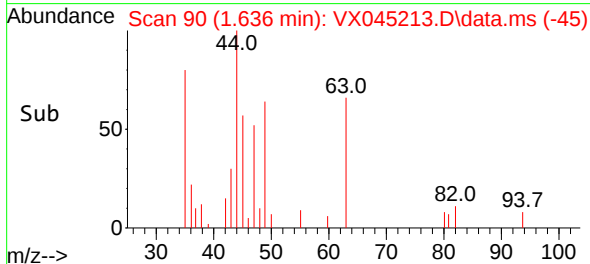
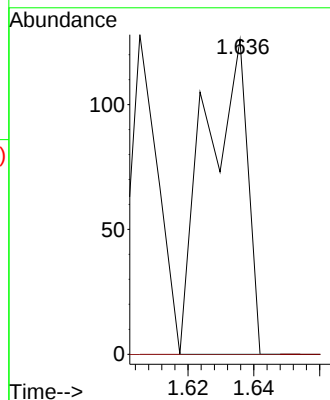
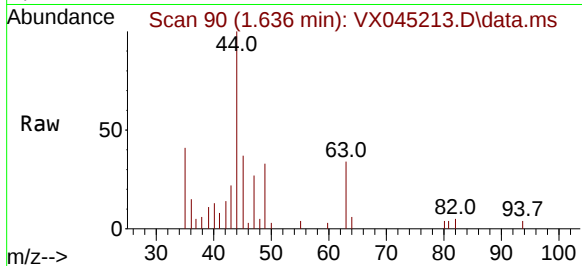




#6
Chloroethane
Concen: 0.225 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.024 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

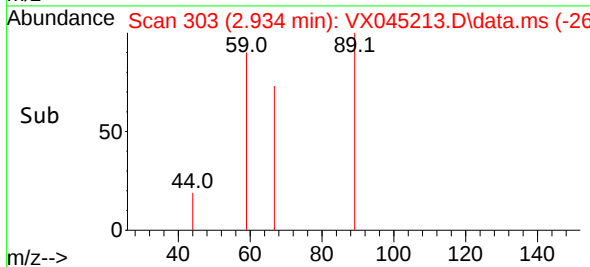
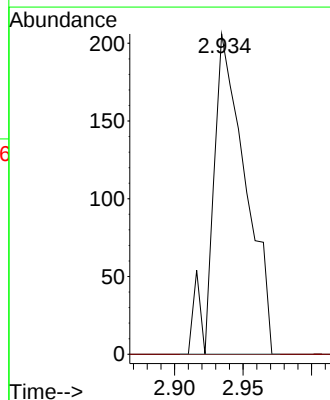
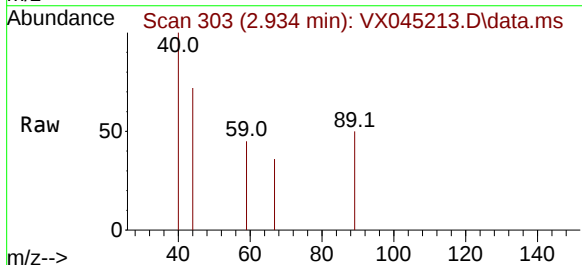
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

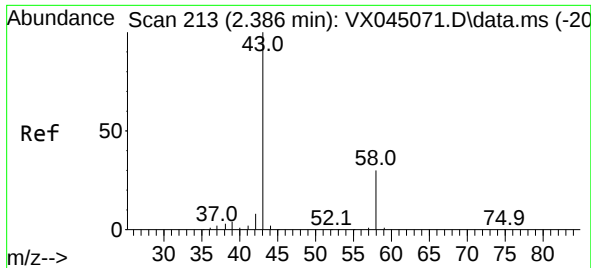
Tgt Ion: 64 Resp: 111
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



#11
Tert butyl alcohol
Concen: 1.623 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion: 59 Resp: 342
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

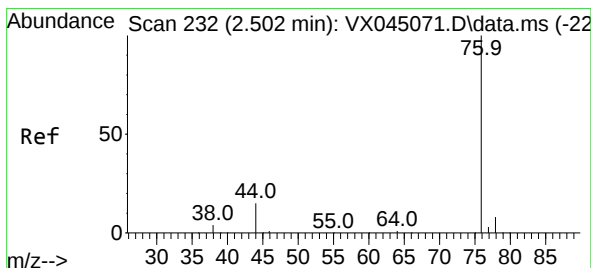
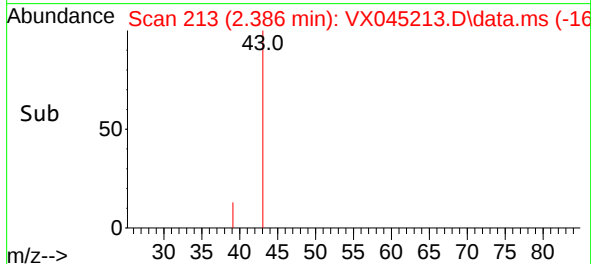
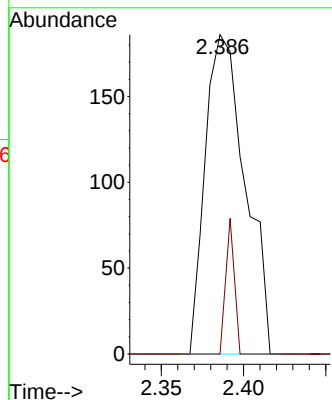
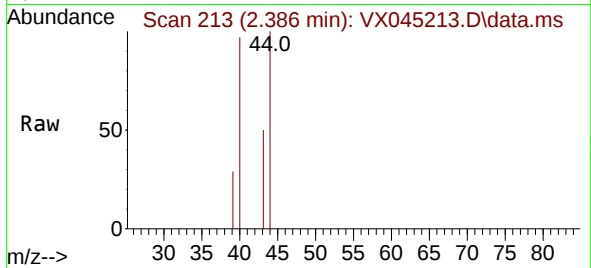




#16
Acetone
Concen: 0.610 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

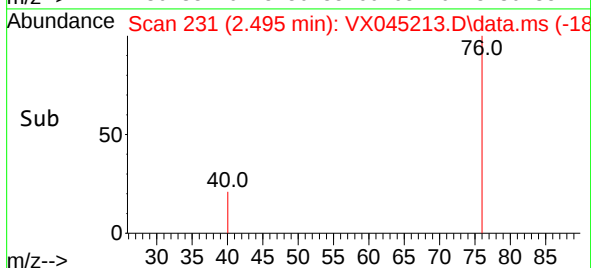
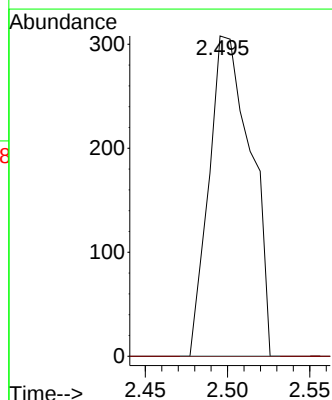
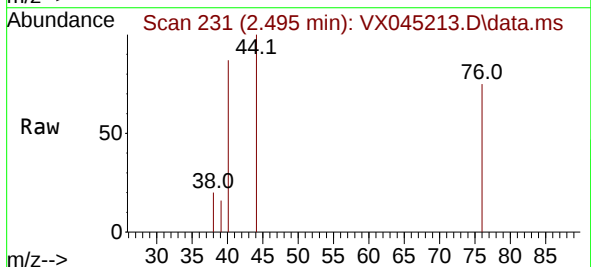
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

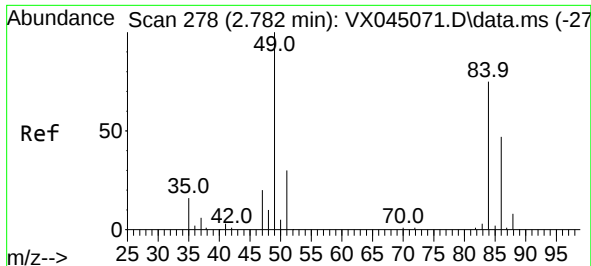
Tgt Ion: 43 Resp: 315
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion: 76 Resp: 544
Ion Ratio Lower Upper
76 100
78 0.0 6.6 9.8#

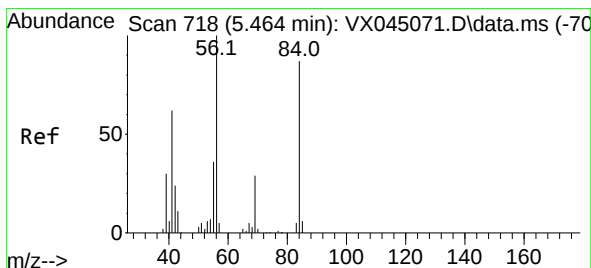
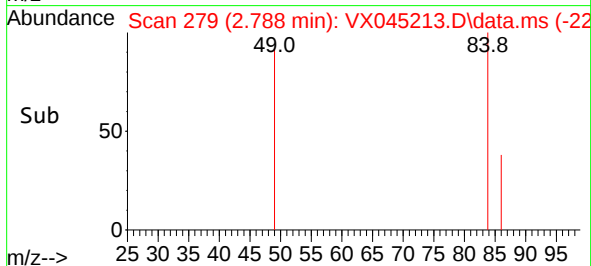
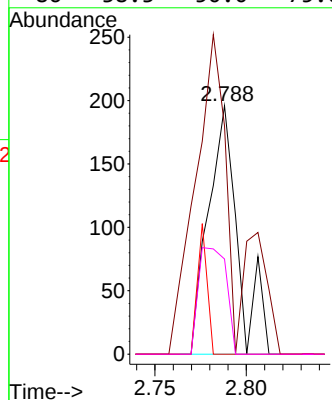
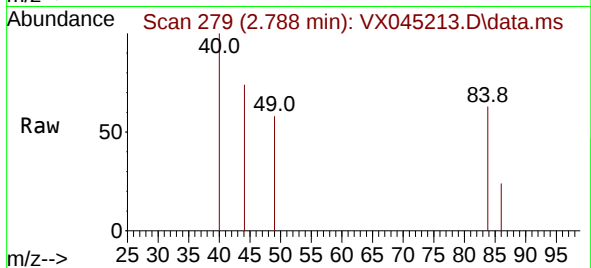




#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

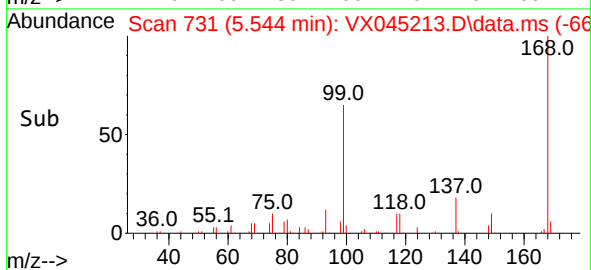
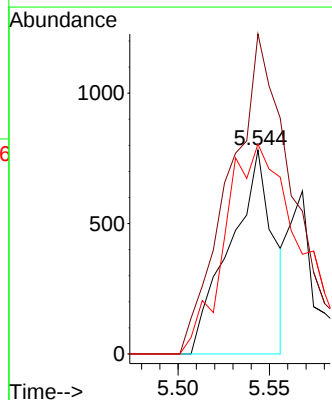
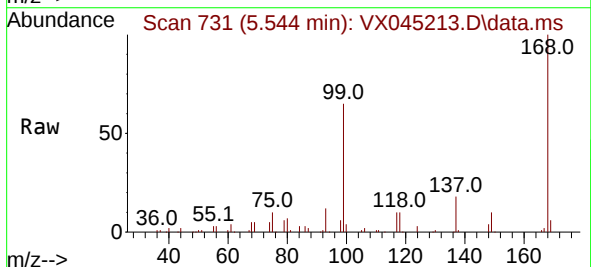
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

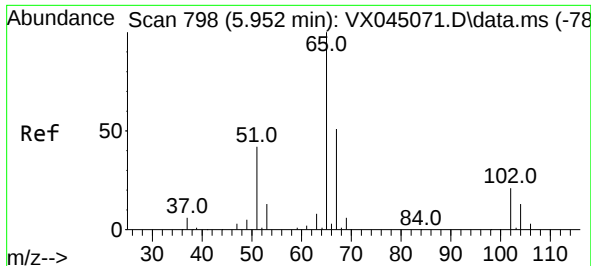
Tgt Ion:	84	Resp:	221
Ion	Ratio	Lower	Upper
84	100		
49	91.8	106.5	159.7#
51	0.0	32.1	48.1#
86	38.3	50.0	75.0#



#31
Cyclohexane
Concen: 0.845 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion:	56	Resp:	1279
Ion	Ratio	Lower	Upper
56	100		
69	156.9	23.4	35.2#
84	102.9	69.4	104.2





#33

1,2-Dichloroethane-d4

Concen: 53.343 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045213.D

Acq: 11 Mar 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

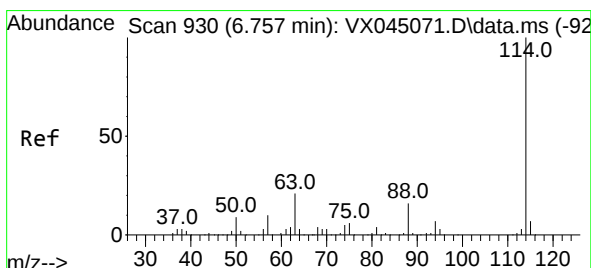
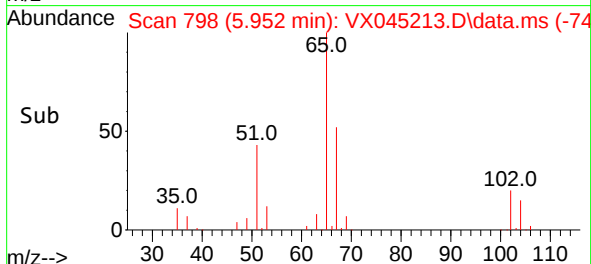
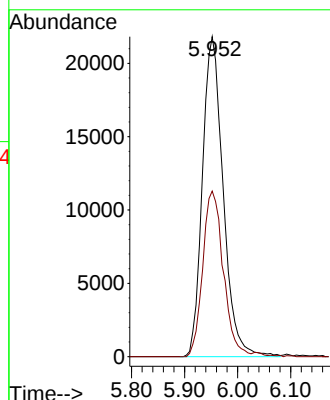
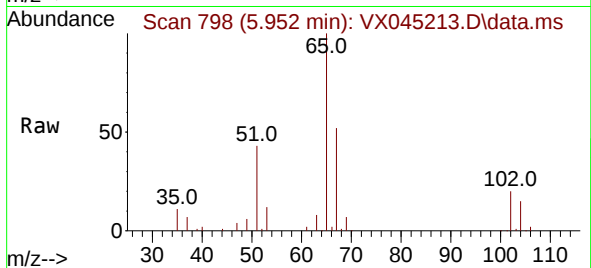
VX0311WBL01

Tgt Ion: 65 Resp: 59358

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045213.D

Acq: 11 Mar 2025 10:51

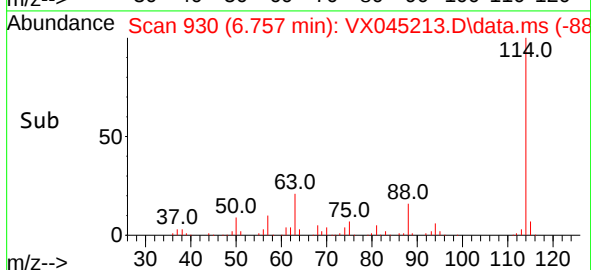
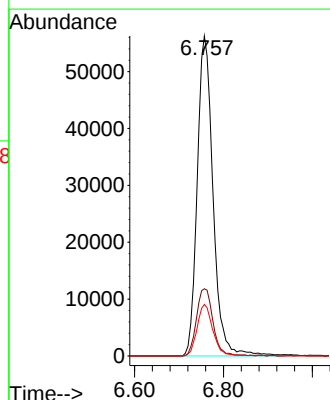
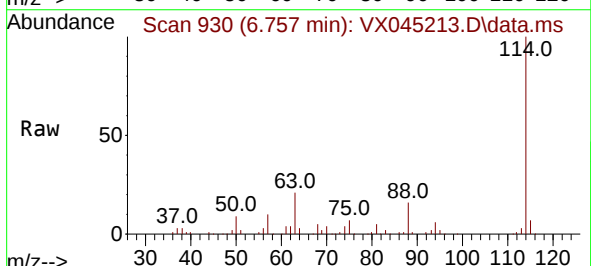
Tgt Ion: 114 Resp: 139206

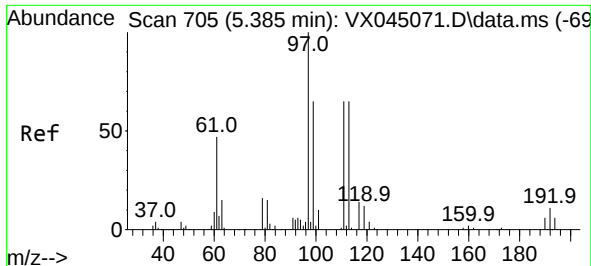
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.8

88 16.1 0.0 32.8

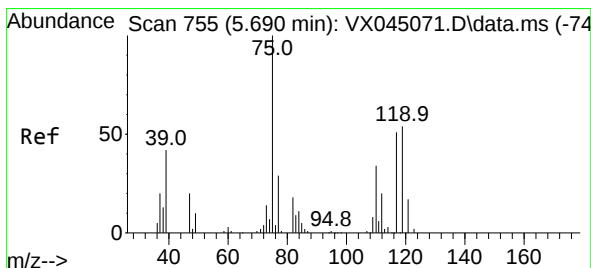
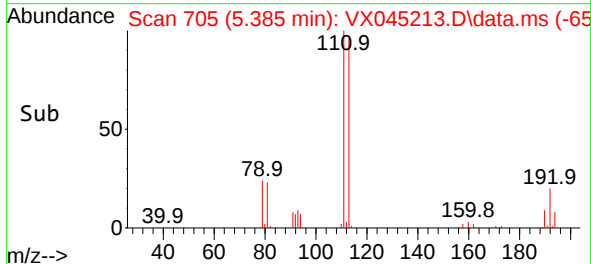
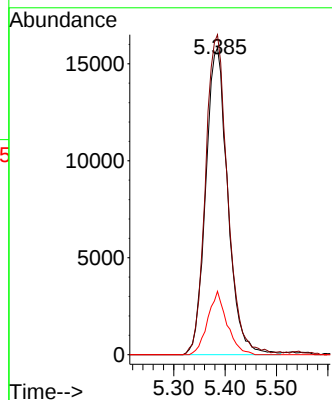
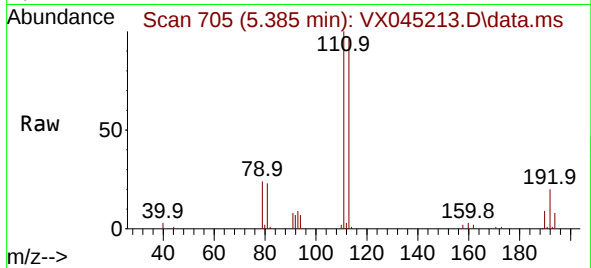




#35
Dibromofluoromethane
Concen: 50.653 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

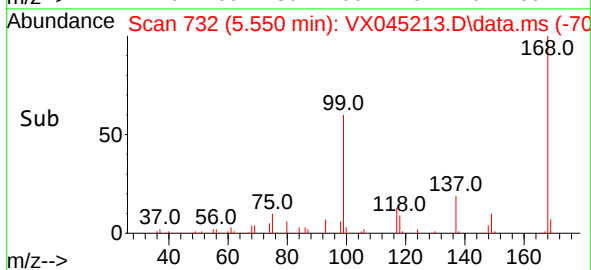
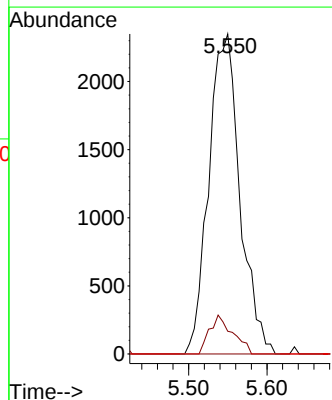
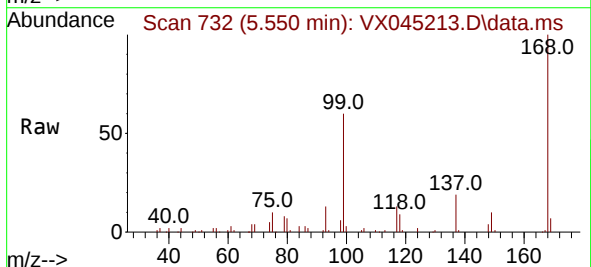
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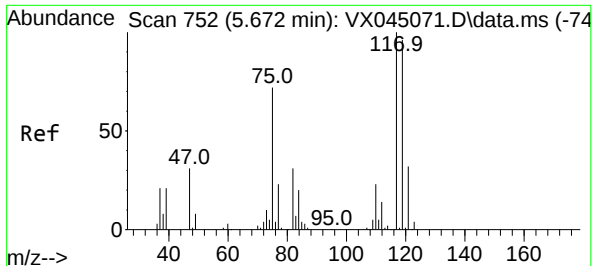
Tgt Ion:113 Resp: 47150
Ion Ratio Lower Upper
113 100
111 104.8 81.8 122.6
192 18.1 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.085 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

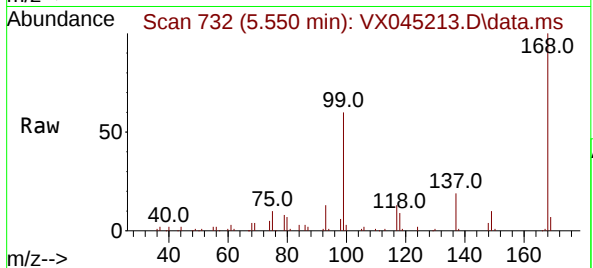
Tgt Ion: 75 Resp: 6491
Ion Ratio Lower Upper
75 100
110 9.0 16.9 50.6#
77 0.0 24.5 36.7#



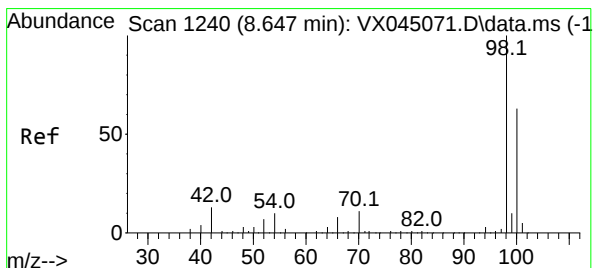
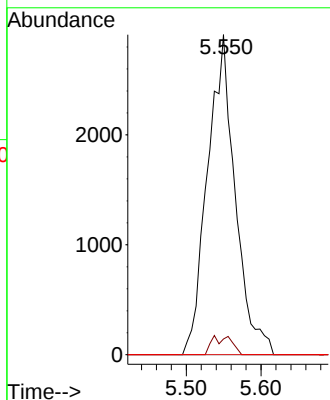
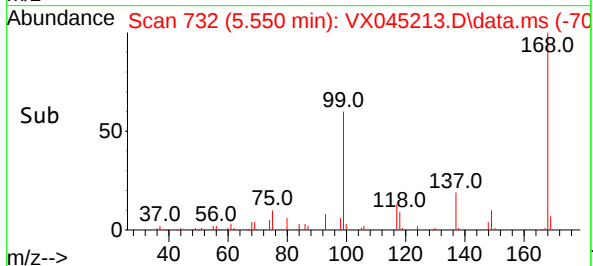


#38
Carbon Tetrachloride
Concen: 5.796 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

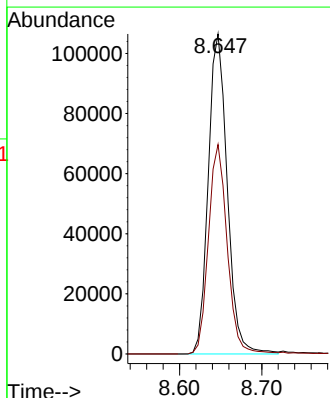
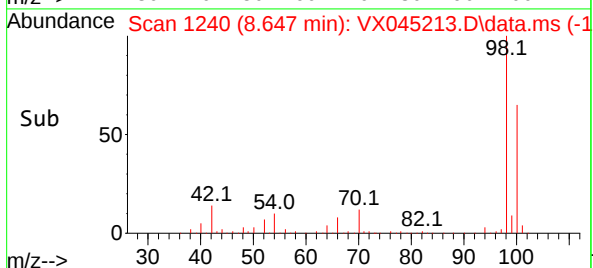
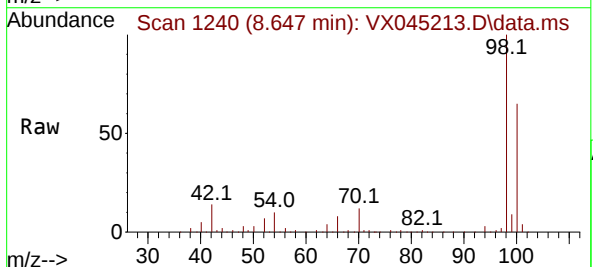


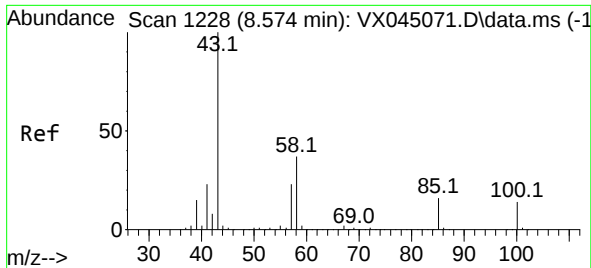
Tgt Ion:117 Resp: 7511
Ion Ratio Lower Upper
117 100
119 4.9 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 50.647 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion: 98 Resp: 170914
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

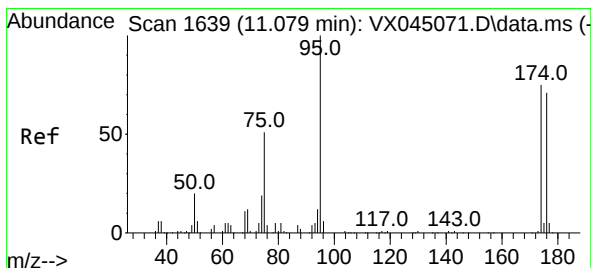
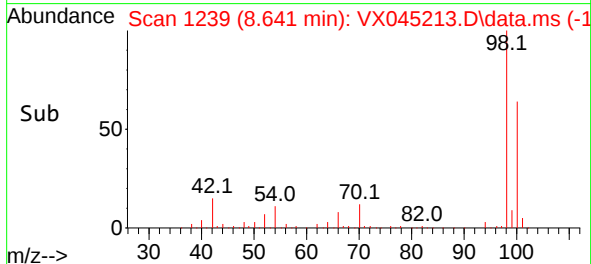
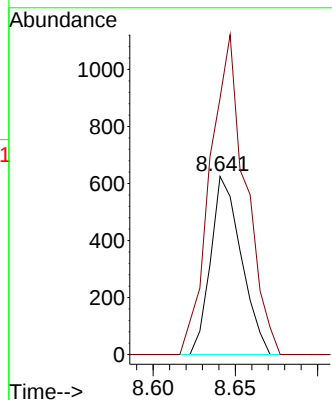
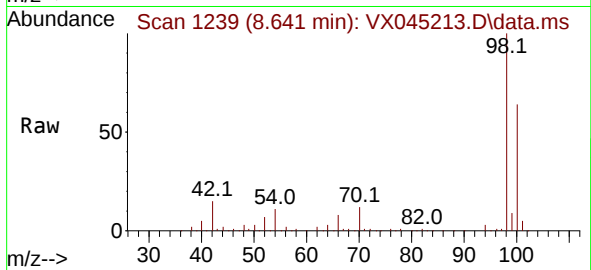




#51
4-Methyl-2-Pentanone
Concen: 0.495 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

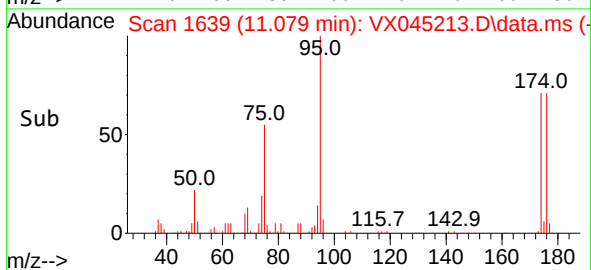
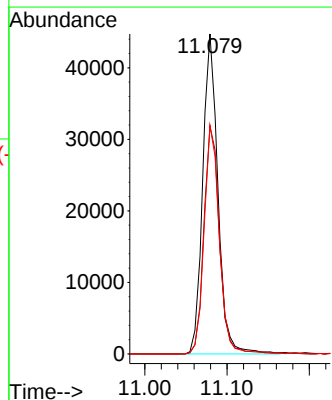
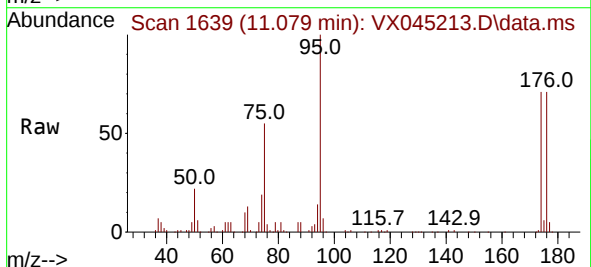
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

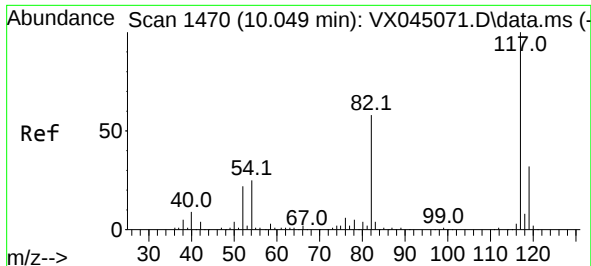
Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
58 207.9 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 51.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion: 95 Resp: 57517
Ion Ratio Lower Upper
95 100
174 73.1 0.0 148.2
176 71.2 0.0 141.4

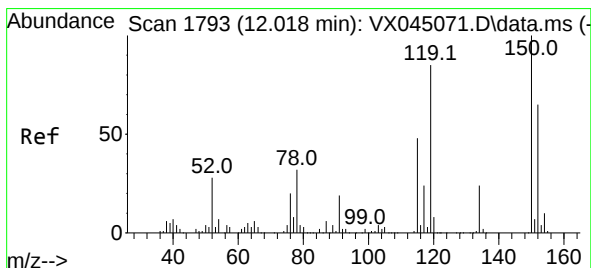
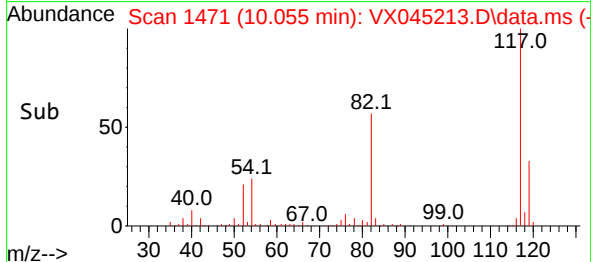
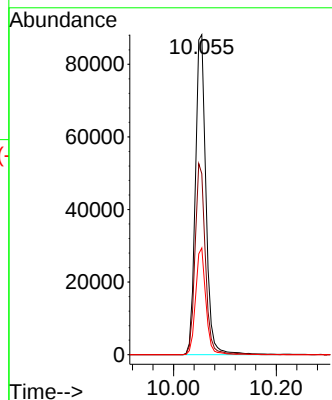
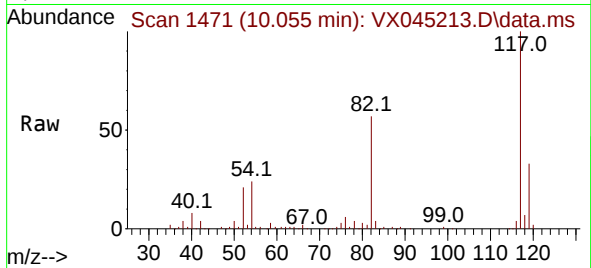




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

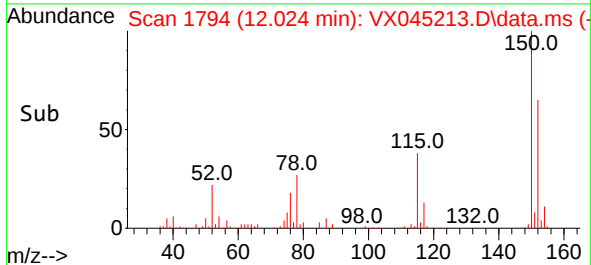
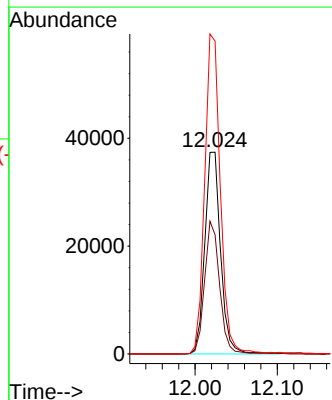
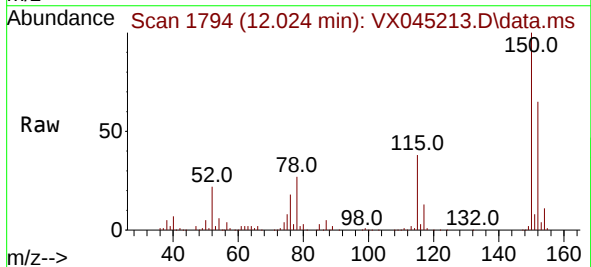
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

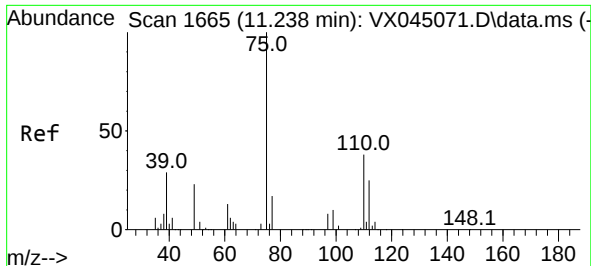
Tgt Ion:117 Resp: 126312
Ion Ratio Lower Upper
117 100
82 56.6 46.3 69.5
119 33.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion:152 Resp: 50068
Ion Ratio Lower Upper
152 100
115 62.2 44.2 132.6
150 156.6 0.0 349.0

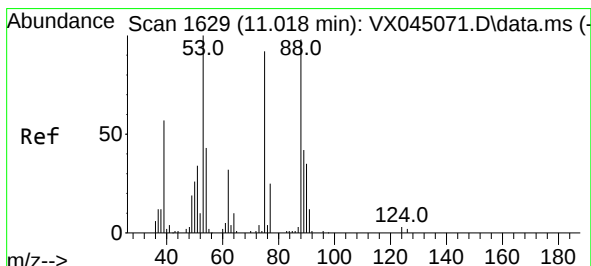
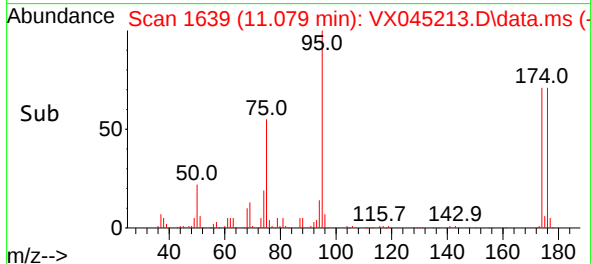
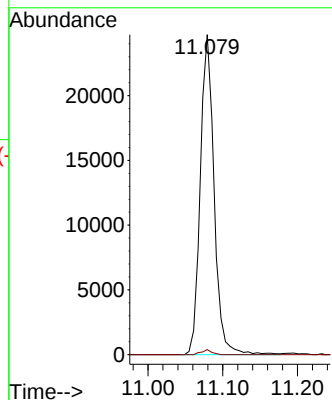
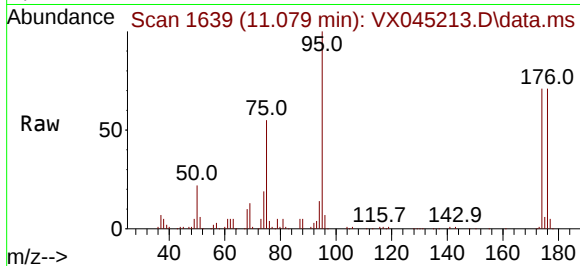




#76
1,2,3-Trichloropropane
Concen: 27.228 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

Tgt Ion: 75 Resp: 31730
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.180 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion: 75 Resp: 31730
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

