

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045377.D
 Acq On : 21 Mar 2025 10:52
 Operator : JC/MD
 Sample : VX0321WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBL01

Quant Time: Mar 21 23:10:42 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)

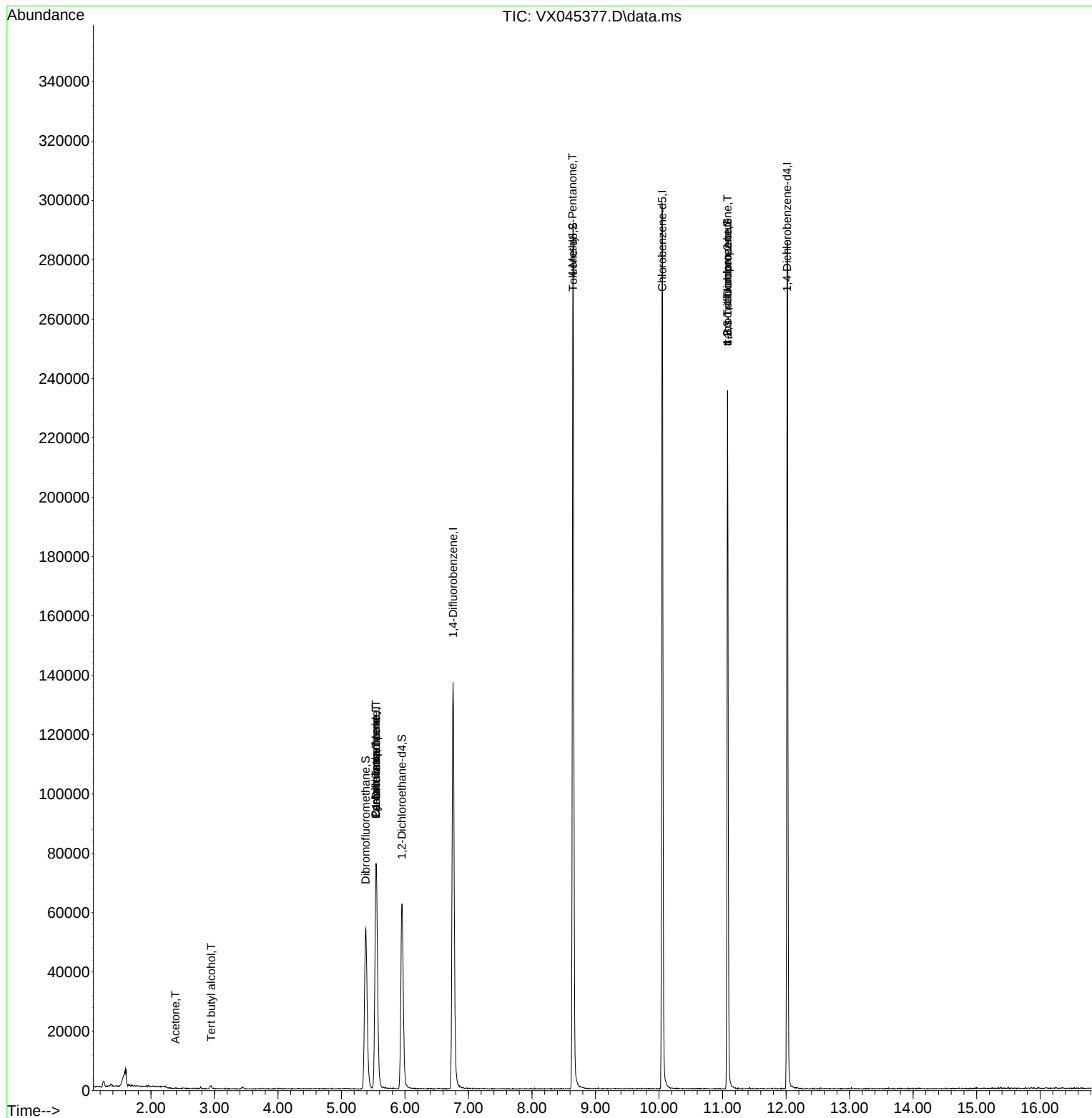
Internal Standards						
1) Pentafluorobenzene	5.544	168	67403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60995	56.891	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.780%			
35) Dibromofluoromethane	5.379	113	47608	53.417	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.840%			
50) Toluene-d8	8.647	98	167556	51.857	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.720%			
62) 4-Bromofluorobenzene	11.079	95	60108	56.140	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.280%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	428	2.108	ug/l #	73
16) Acetone	2.386	43	188	0.378	ug/l #	44
31) Cyclohexane	5.544	56	1970	1.351	ug/l #	34
36) 1,1-Dichloropropene	5.544	75	6304	5.158	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7584	6.112	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	892	0.570	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33497	27.209	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33497	93.113	ug/l #	6

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

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VX0321WBL01

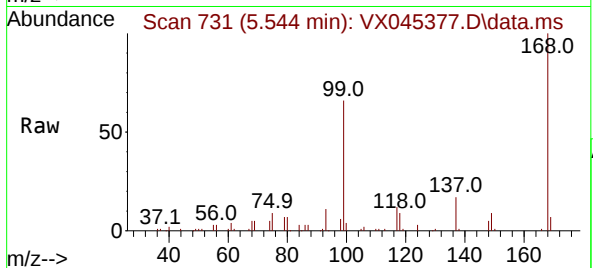
Quant Time: Mar 21 23:10:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



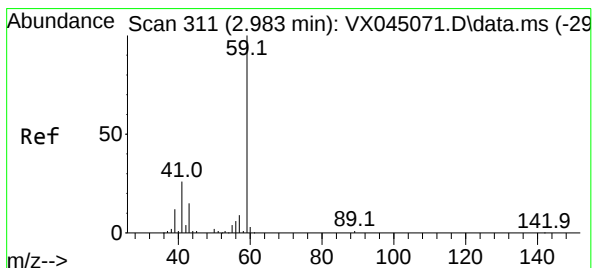
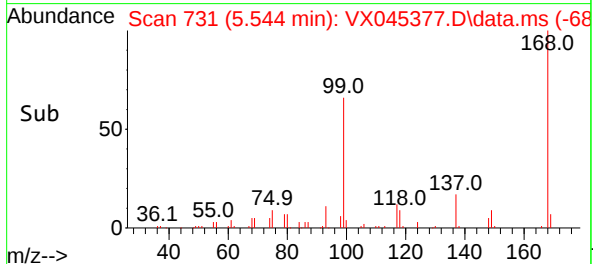
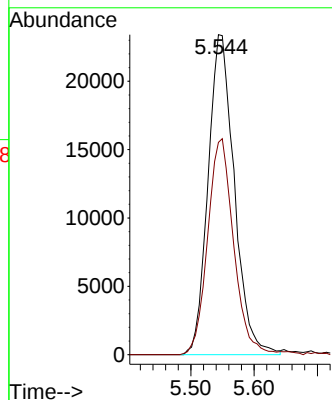


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045377.D
Acq: 21 Mar 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

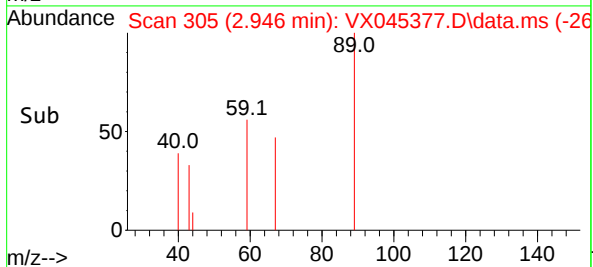
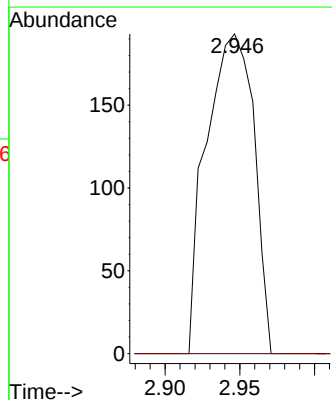
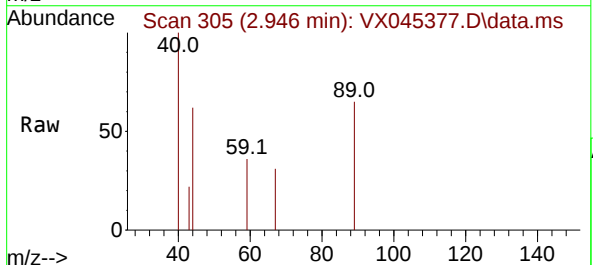


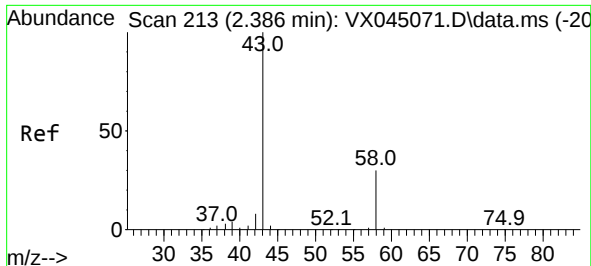
Tgt Ion:168 Resp: 67403
Ion Ratio Lower Upper
168 100
99 66.3 48.2 72.4



#11
Tert butyl alcohol
Concen: 2.108 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX045377.D
Acq: 21 Mar 2025 10:52

Tgt Ion: 59 Resp: 428
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

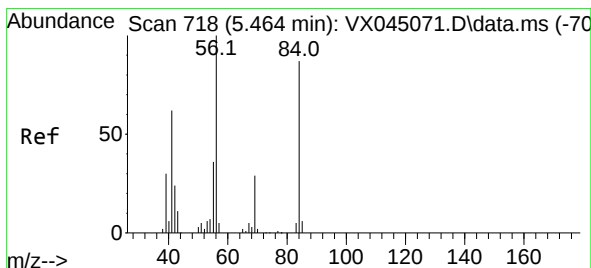
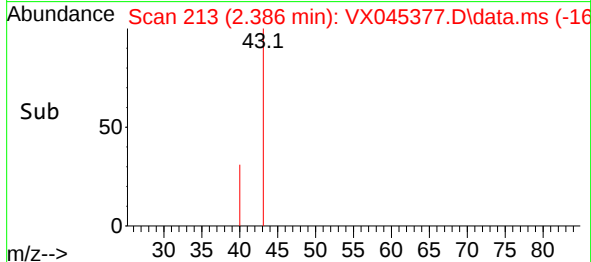
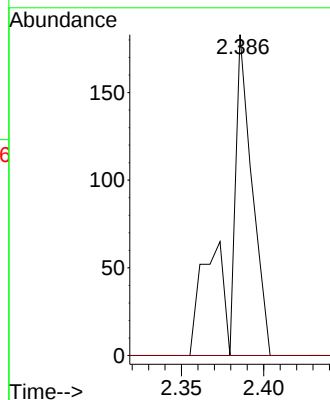
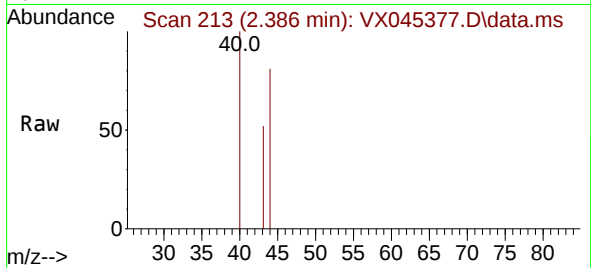




#16
Acetone
Concen: 0.378 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045377.D
Acq: 21 Mar 2025 10:52

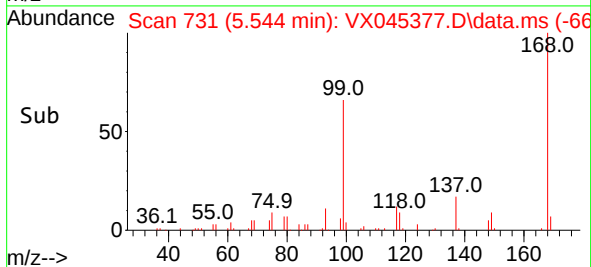
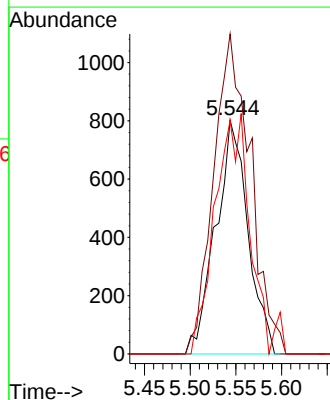
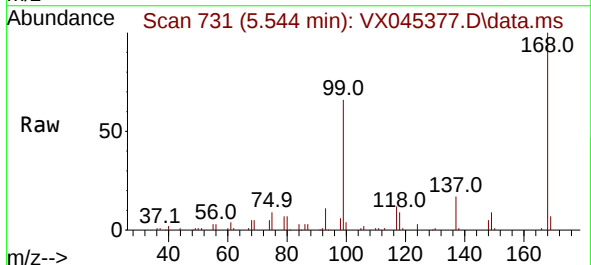
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#31
Cyclohexane
Concen: 1.351 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045377.D
Acq: 21 Mar 2025 10:52

Tgt Ion: 56 Resp: 1970
Ion Ratio Lower Upper
56 100
69 136.9 23.4 35.2#
84 106.2 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 56.891 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045377.D

Acq: 21 Mar 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

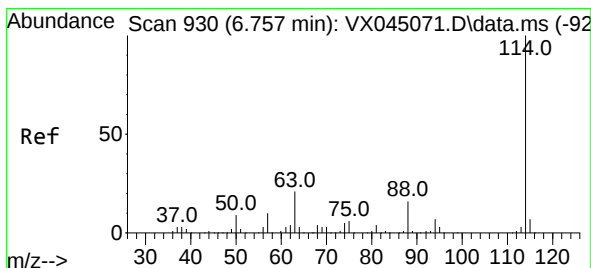
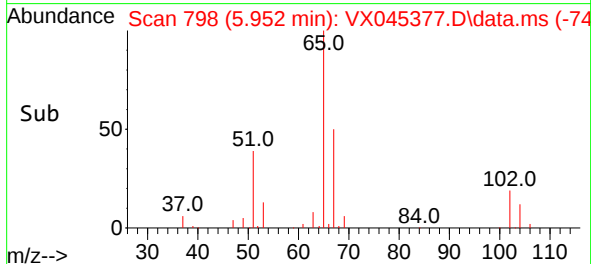
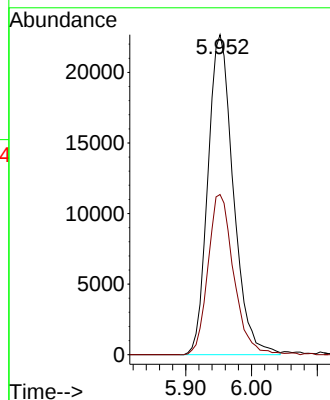
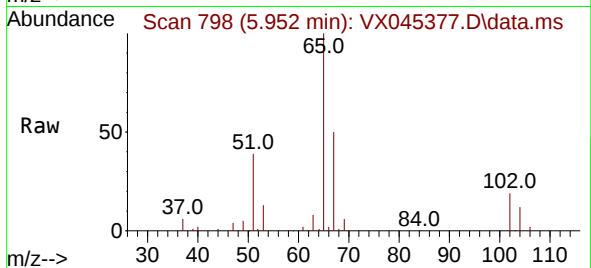
VX0321WBL01

Tgt Ion: 65 Resp: 60995

Ion Ratio Lower Upper

65 100

67 50.5 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: VX045377.D

Acq: 21 Mar 2025 10:52

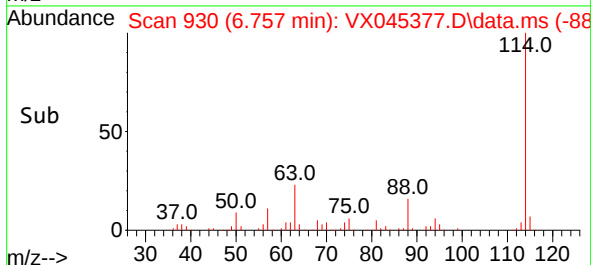
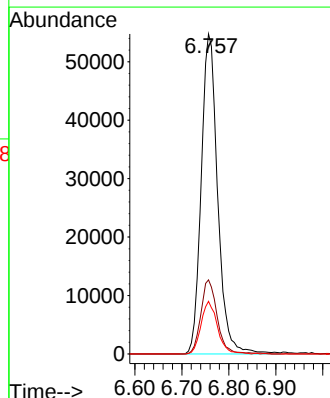
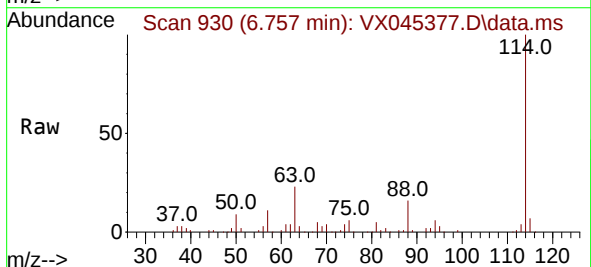
Tgt Ion: 114 Resp: 133286

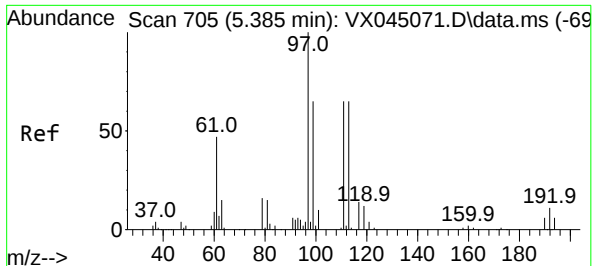
Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.8

88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.417 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX045377.D

Acq: 21 Mar 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBL01

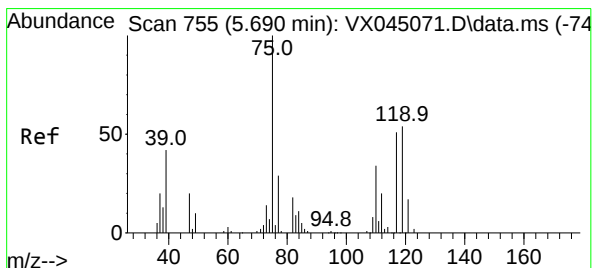
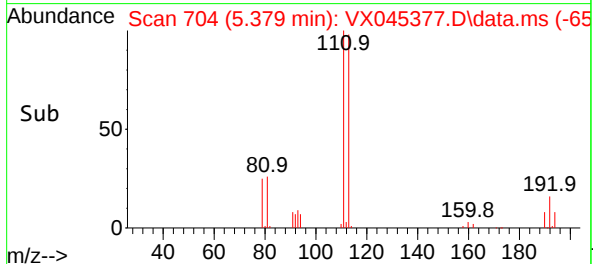
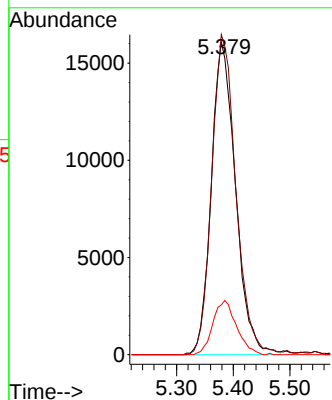
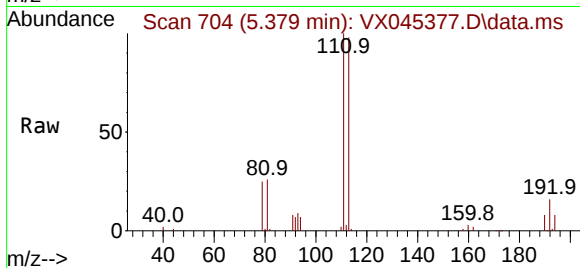
Tgt Ion:113 Resp: 47608

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

192 17.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.158 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX045377.D

Acq: 21 Mar 2025 10:52

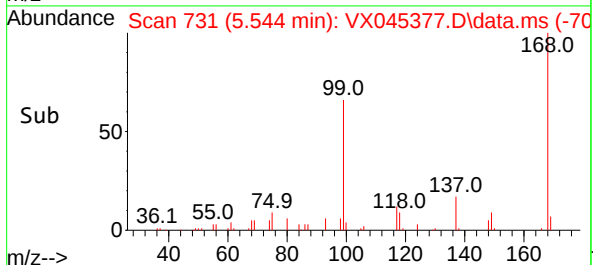
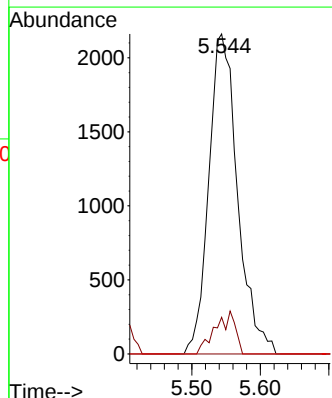
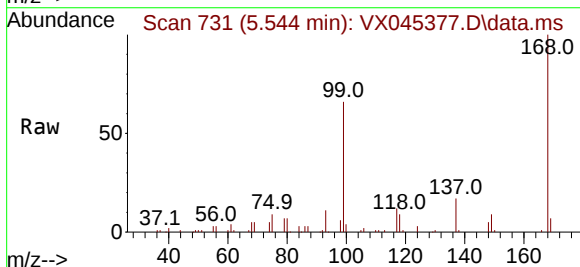
Tgt Ion: 75 Resp: 6304

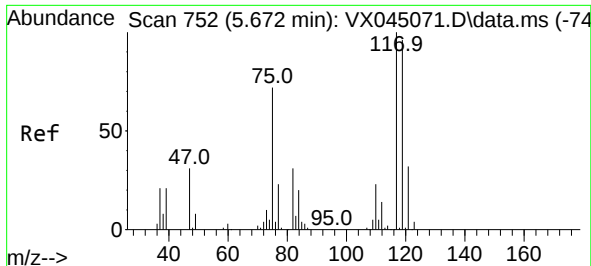
Ion Ratio Lower Upper

75 100

110 9.3 16.9 50.6#

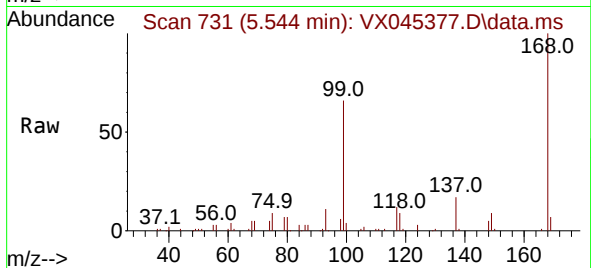
77 0.0 24.5 36.7#



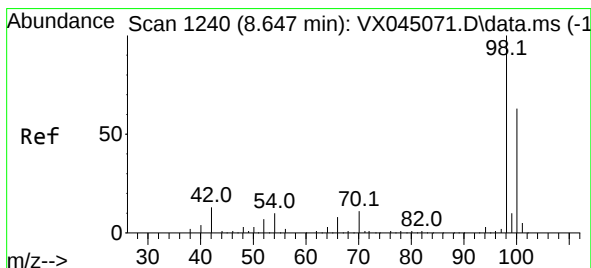
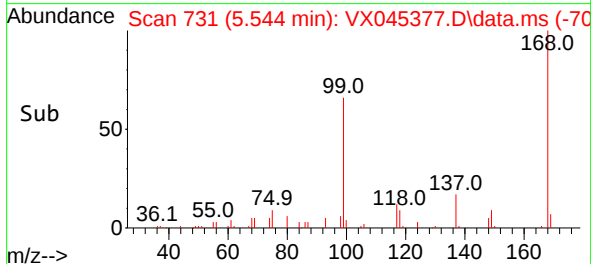
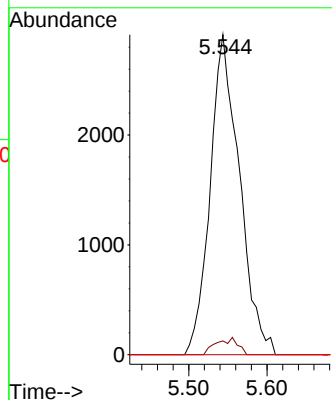


#38
Carbon Tetrachloride
Concen: 6.112 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045377.D
Acq: 21 Mar 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

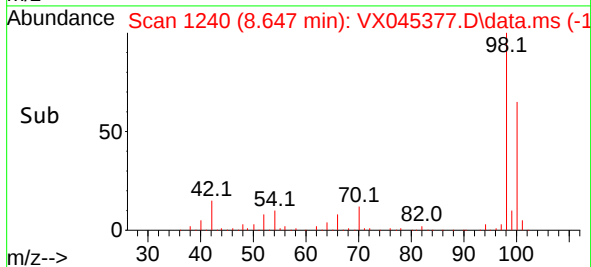
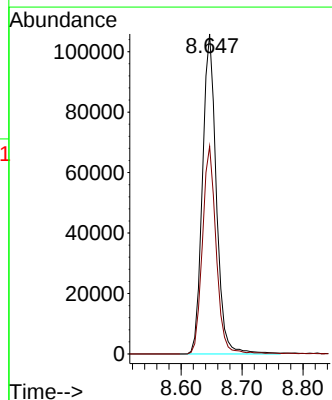
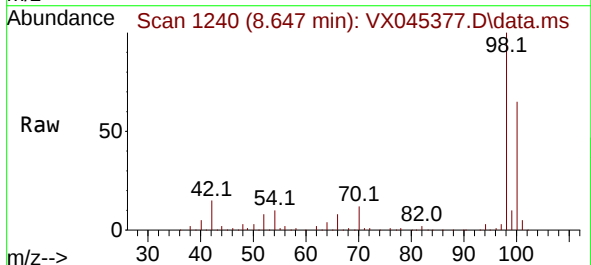


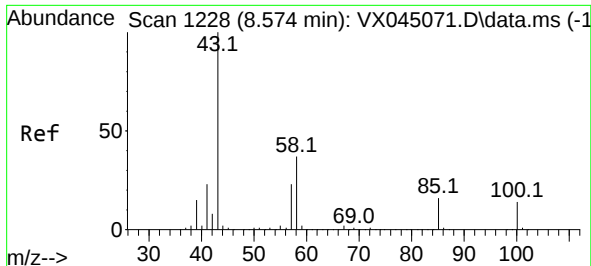
Tgt Ion:117 Resp: 7584
Ion Ratio Lower Upper
117 100
119 4.3 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.857 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045377.D
Acq: 21 Mar 2025 10:52

Tgt Ion: 98 Resp: 167556
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

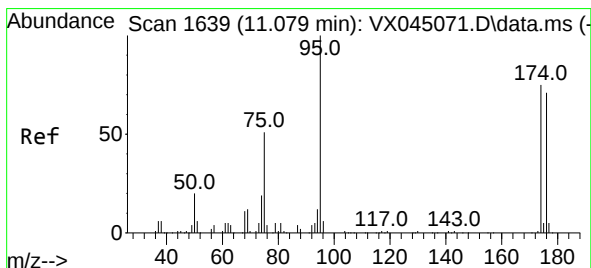
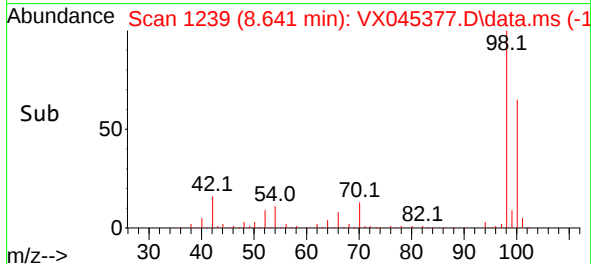
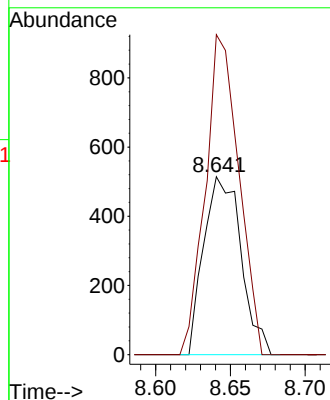
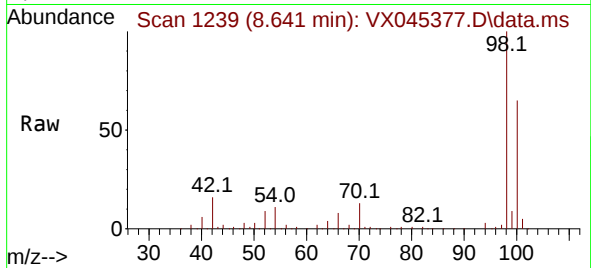




#51
4-Methyl-2-Pentanone
Concen: 0.570 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX045377.D
Acq: 21 Mar 2025 10:52

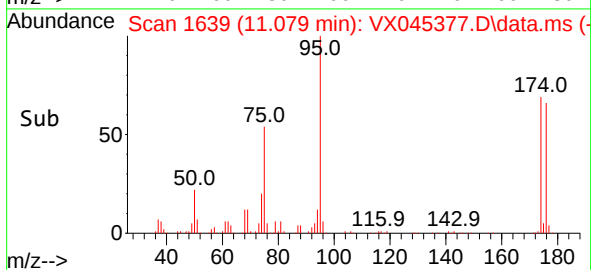
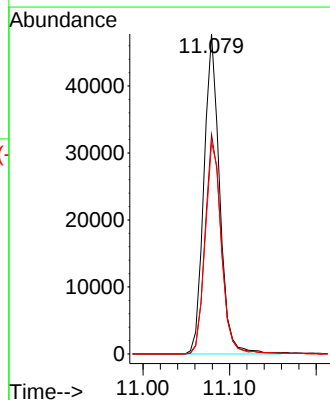
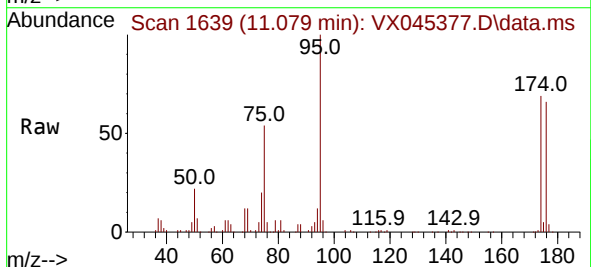
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

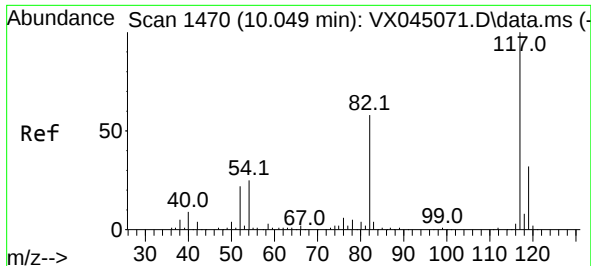
Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
58 161.4 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 56.140 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045377.D
Acq: 21 Mar 2025 10:52

Tgt Ion: 95 Resp: 60108
Ion Ratio Lower Upper
95 100
174 70.8 0.0 148.2
176 68.7 0.0 141.4

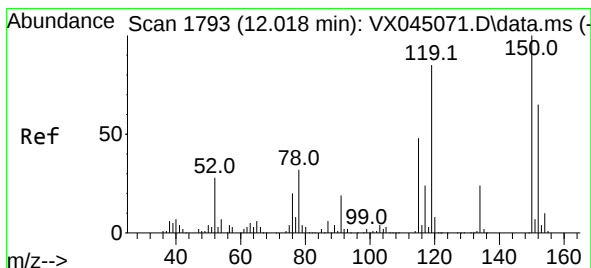
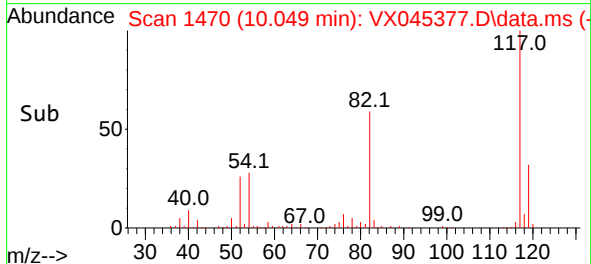
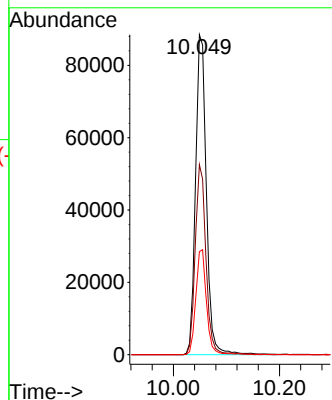
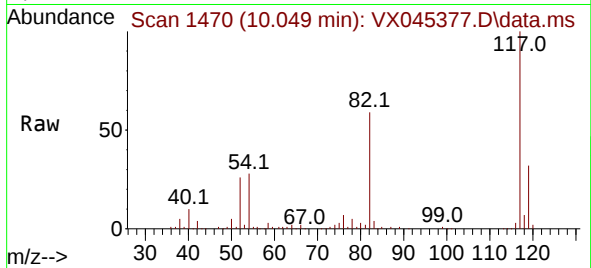




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045377.D
Acq: 21 Mar 2025 10:52

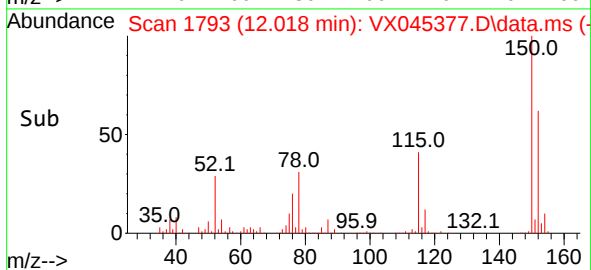
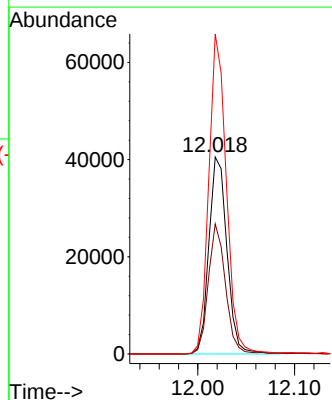
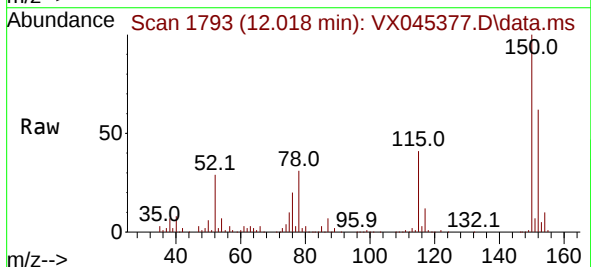
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

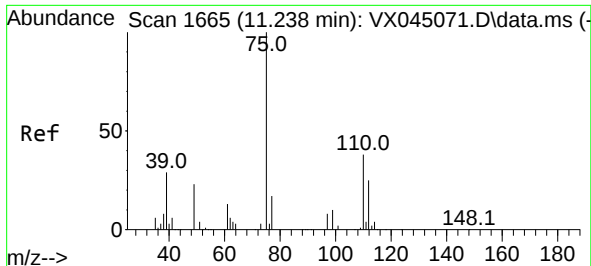
Tgt Ion:117 Resp: 125274
Ion Ratio Lower Upper
117 100
82 59.4 46.3 69.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045377.D
Acq: 21 Mar 2025 10:52

Tgt Ion:152 Resp: 52894
Ion Ratio Lower Upper
152 100
115 63.0 44.2 132.6
150 157.9 0.0 349.0

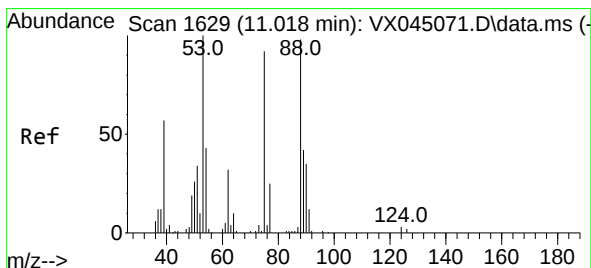
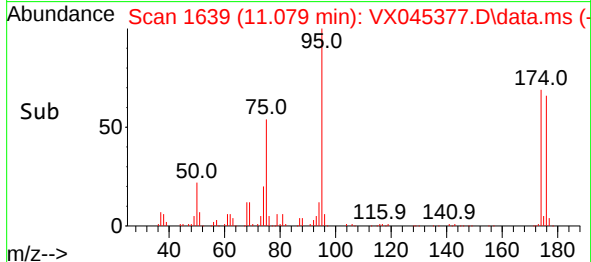
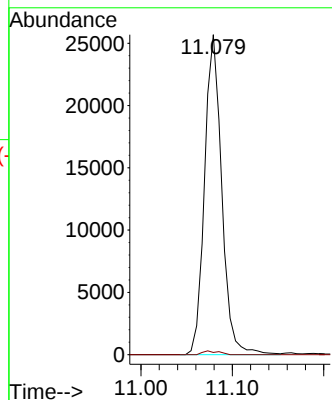
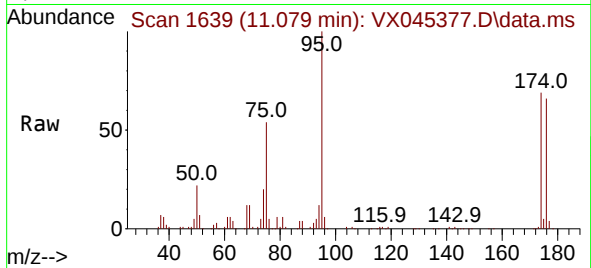




#76
1,2,3-Trichloropropane
Concen: 27.209 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045377.D
Acq: 21 Mar 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

Tgt Ion: 75 Resp: 33497
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.113 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045377.D
Acq: 21 Mar 2025 10:52

Tgt Ion: 75 Resp: 33497
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

