

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044950.D
 Acq On : 14 Feb 2025 10:51
 Operator : JC/MD
 Sample : VX0214WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBL01

Quant Time: Feb 14 22:11:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	79162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	145614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63986	55.218	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.440%			
35) Dibromofluoromethane	5.379	113	54109	51.691	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.380%			
50) Toluene-d8	8.647	98	200707	50.706	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.420%			
62) 4-Bromofluorobenzene	11.079	95	67459	50.553	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.100%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	20	1.373	ug/l #	42
11) Tert butyl alcohol	2.946	59	887	4.126	ug/l #	73
16) Acetone	2.373	43	243	0.522	ug/l #	42
17) Carbon Disulfide	2.501	76	579	0.207	ug/l #	76
31) Cyclohexane	5.537	56	1962	1.090	ug/l #	45
36) 1,1-Dichloropropene	5.544	75	6935	4.592	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8788	5.938	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1032	0.626	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35574	27.105	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	35574	69.724	ug/l #	11

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

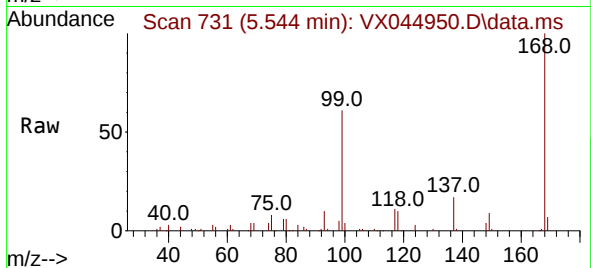
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



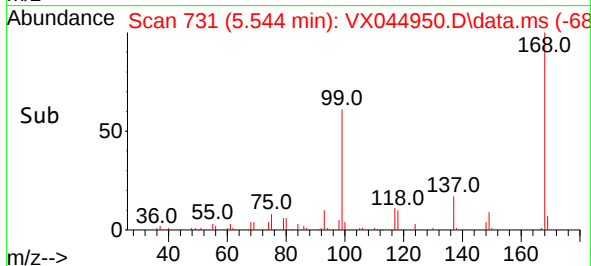
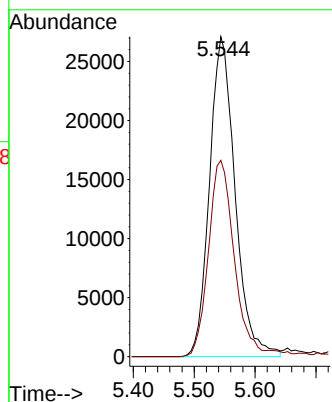


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBL01

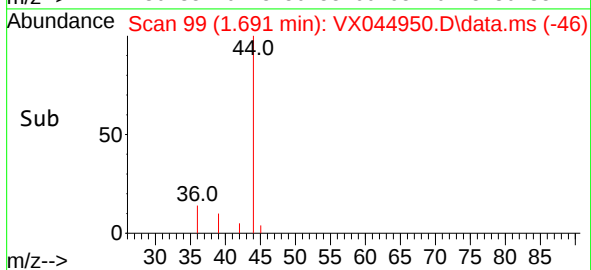
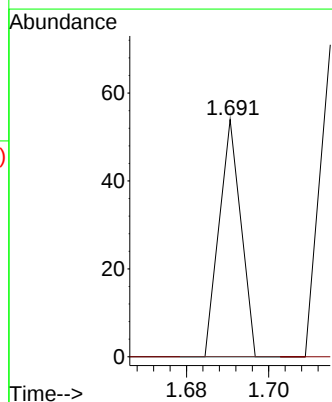
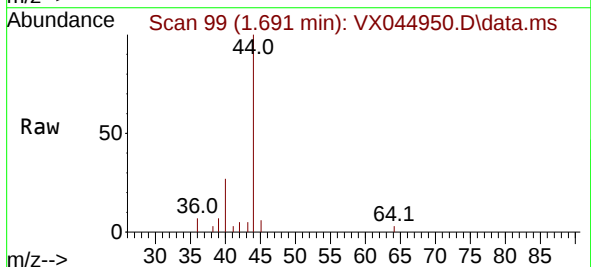


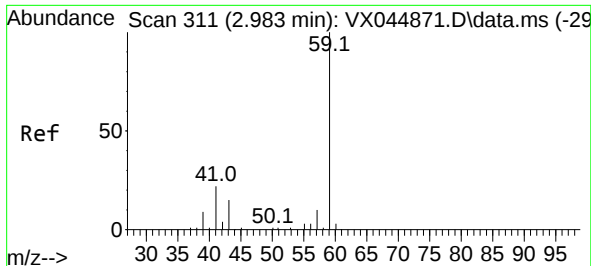
Tgt Ion:168 Resp: 79162
Ion Ratio Lower Upper
168 100
99 61.3 51.2 76.8



#6
Chloroethane
Concen: 1.373 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.025 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

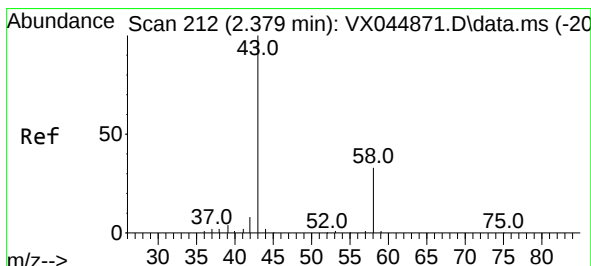
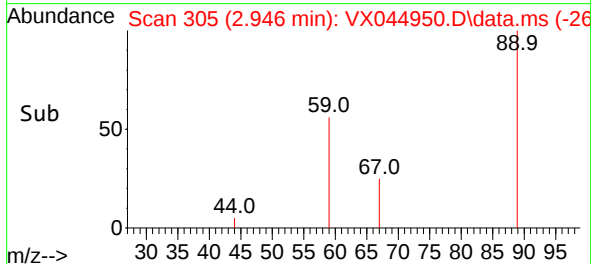
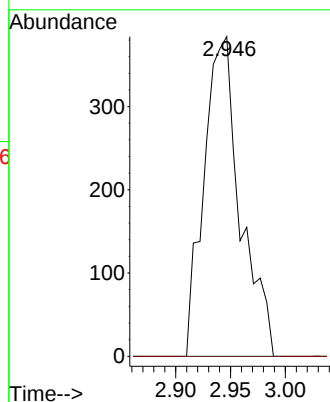
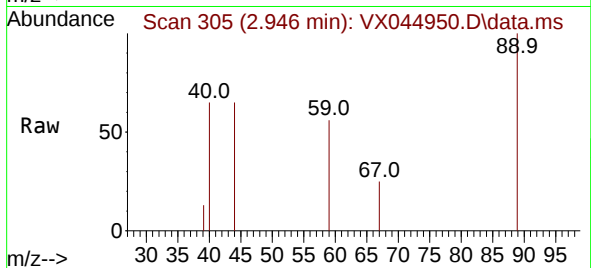




#11
Tert butyl alcohol
Concen: 4.126 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

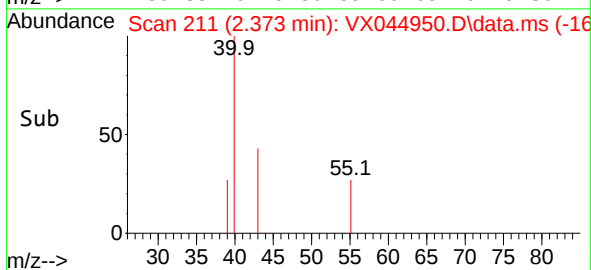
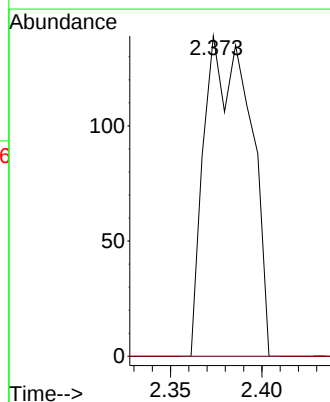
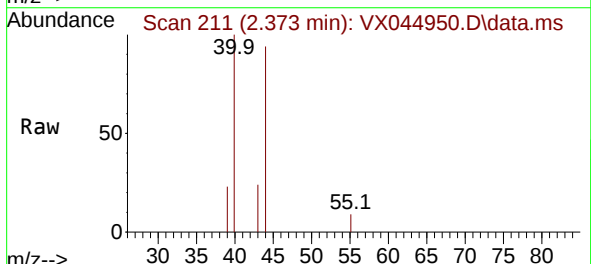
Instrument : MSVOA_X
ClientSampleId : VX0214WBL01

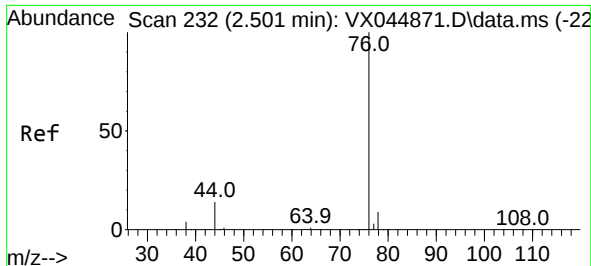
Tgt Ion: 59 Resp: 887
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 0.522 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

Tgt Ion: 43 Resp: 243
Ion Ratio Lower Upper
43 100
58 0.0 26.5 39.7#

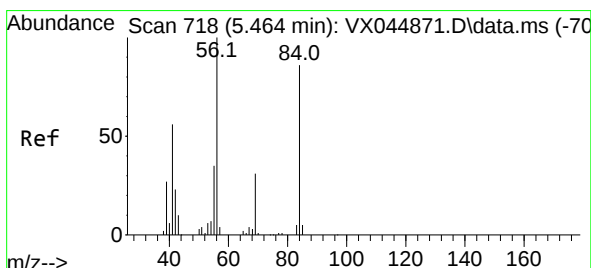
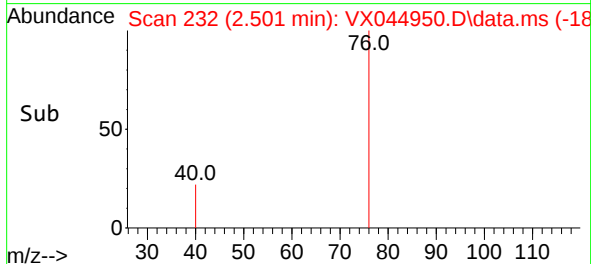
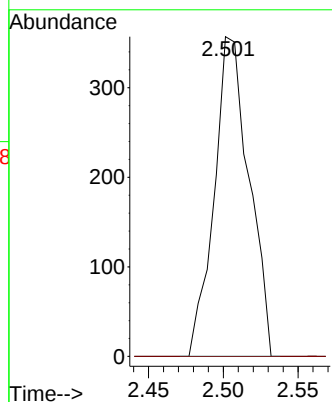
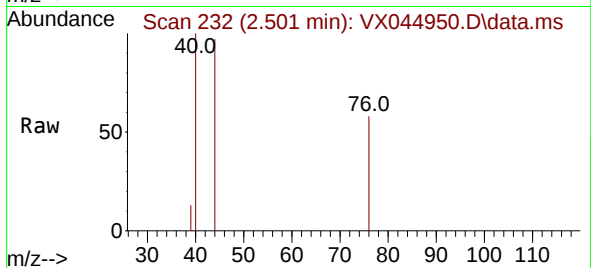




#17
Carbon Disulfide
Concen: 0.207 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

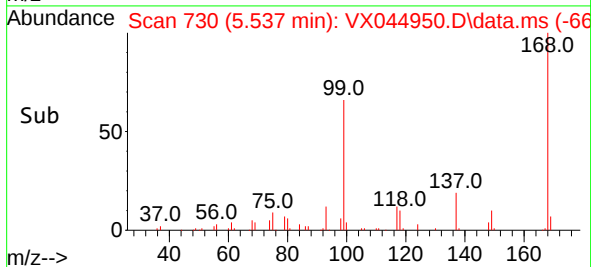
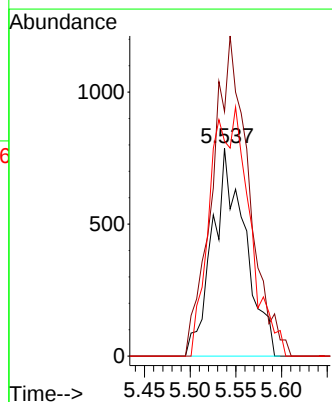
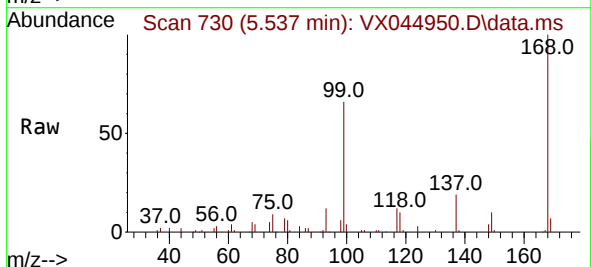
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBL01

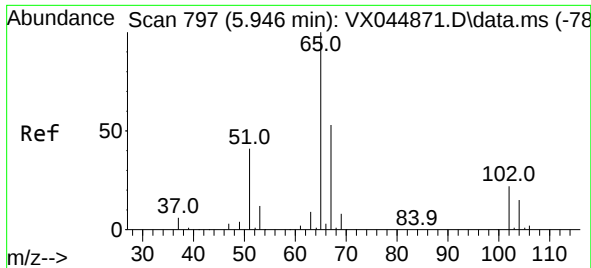
Tgt Ion: 76 Resp: 579
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#31
Cyclohexane
Concen: 1.090 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

Tgt Ion: 56 Resp: 1962
Ion Ratio Lower Upper
56 100
69 117.5 24.4 36.6#
84 103.3 69.0 103.6





#33

1,2-Dichloroethane-d4

Concen: 55.218 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044950.D

Acq: 14 Feb 2025 10:51

Instrument :

MSVOA_X

ClientSampleId :

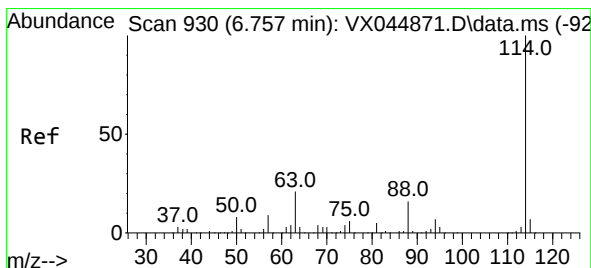
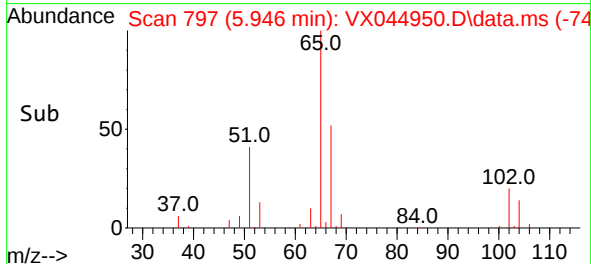
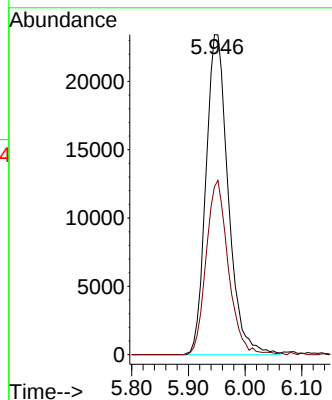
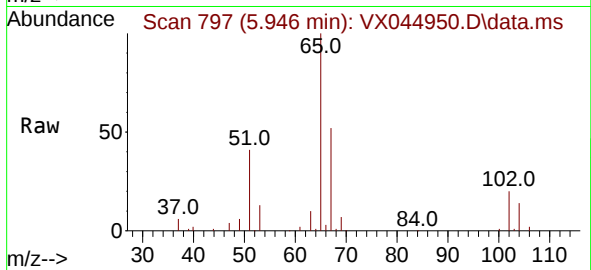
VX0214WBL01

Tgt Ion: 65 Resp: 63986

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044950.D

Acq: 14 Feb 2025 10:51

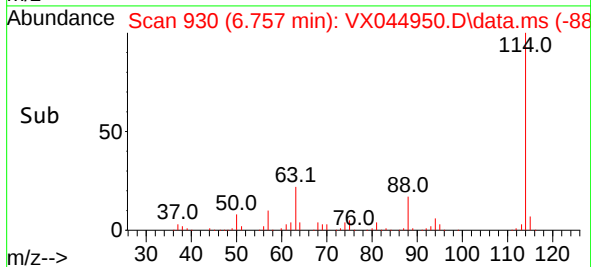
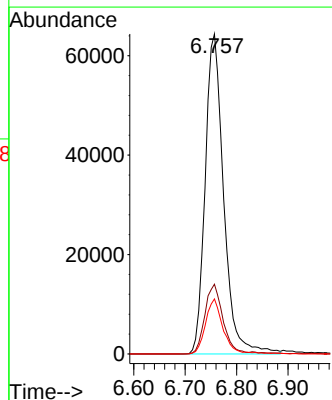
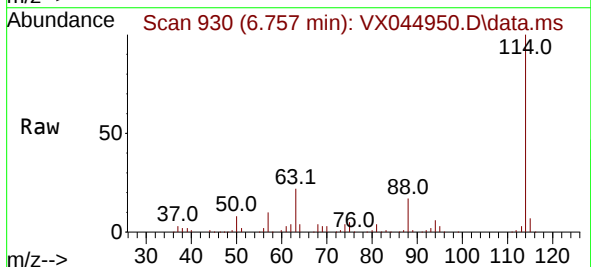
Tgt Ion: 114 Resp: 161000

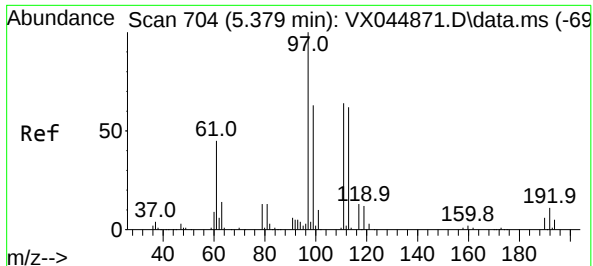
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

88 17.2 0.0 31.4

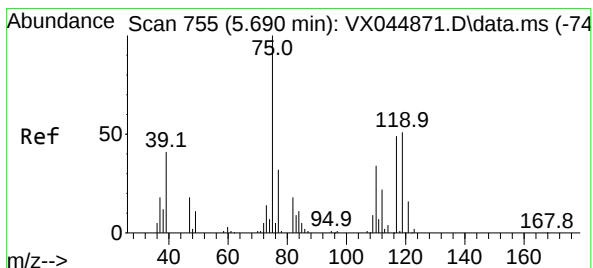
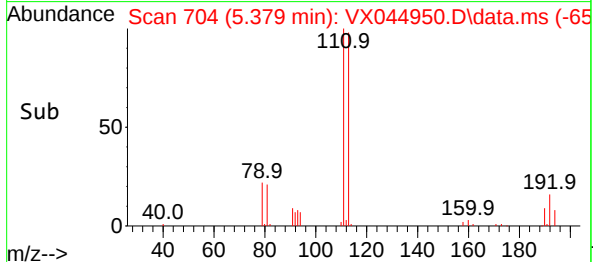
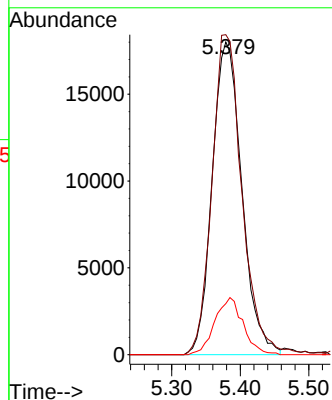
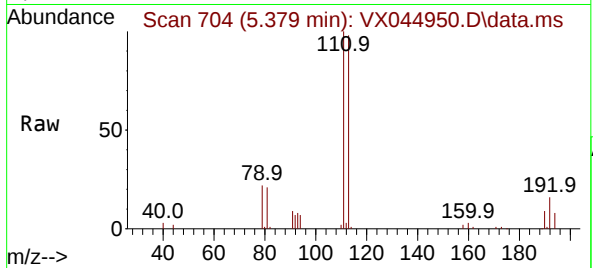




#35
Dibromofluoromethane
Concen: 51.691 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

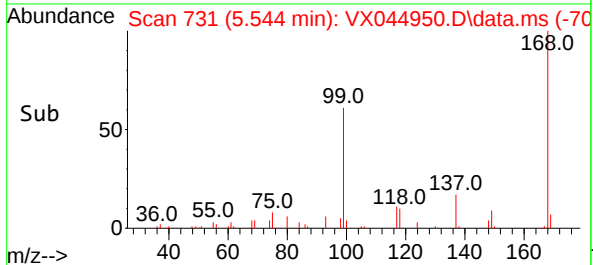
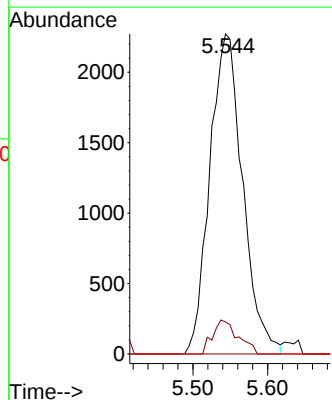
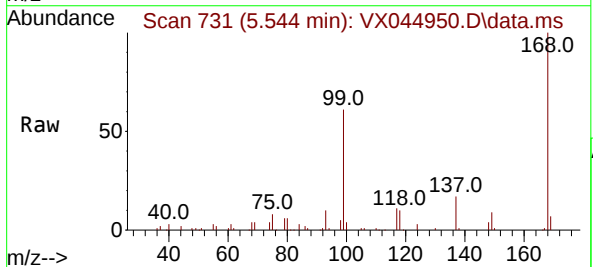
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBL01

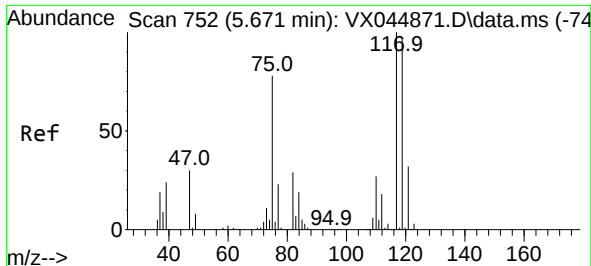
Tgt Ion:113 Resp: 54109
Ion Ratio Lower Upper
113 100
111 103.6 83.5 125.3
192 17.5 14.4 21.6



#36
1,1-Dichloropropene
Concen: 4.592 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

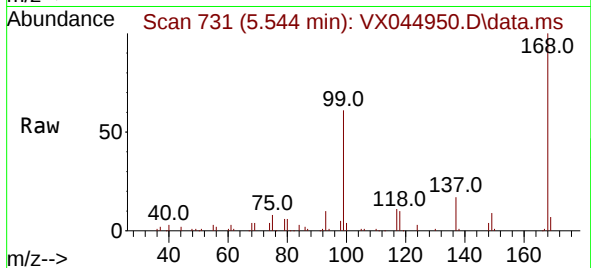
Tgt Ion: 75 Resp: 6935
Ion Ratio Lower Upper
75 100
110 8.2 17.2 51.6#
77 0.0 24.6 37.0#



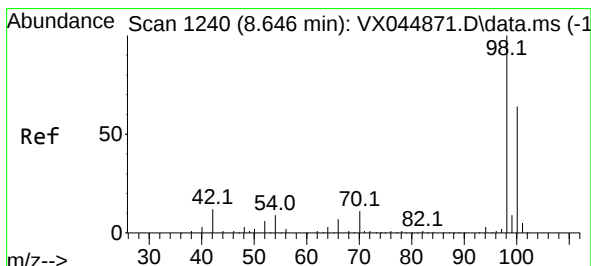
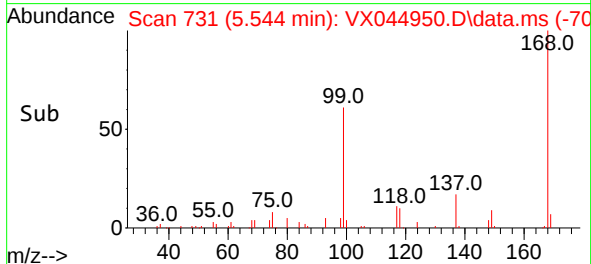
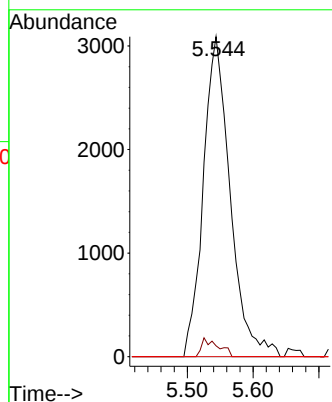


#38
Carbon Tetrachloride
Concen: 5.938 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBL01

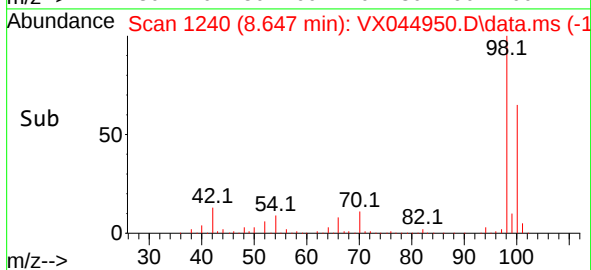
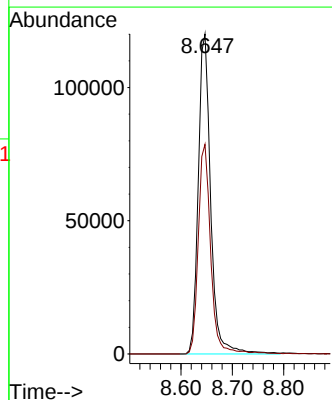
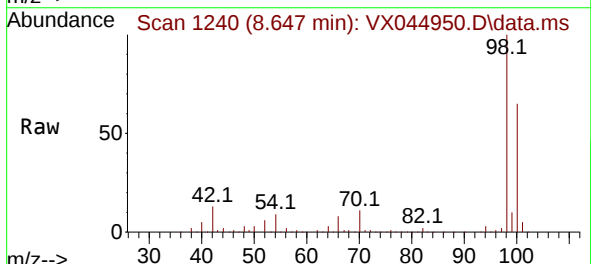


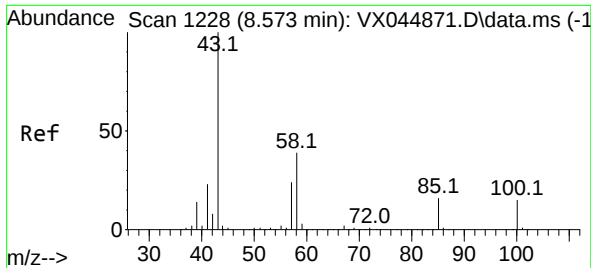
Tgt Ion:117 Resp: 8788
Ion Ratio Lower Upper
117 100
119 3.4 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 50.706 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

Tgt Ion: 98 Resp: 200707
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

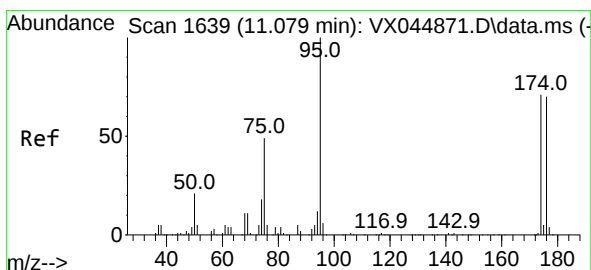
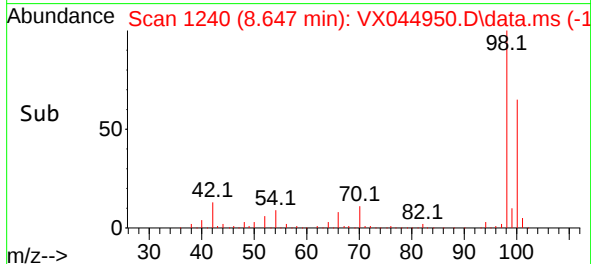
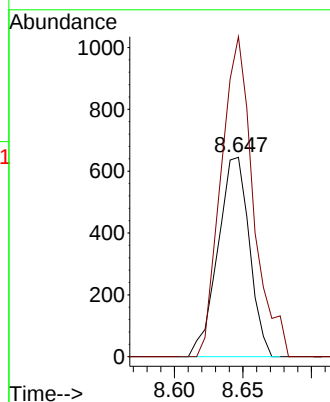
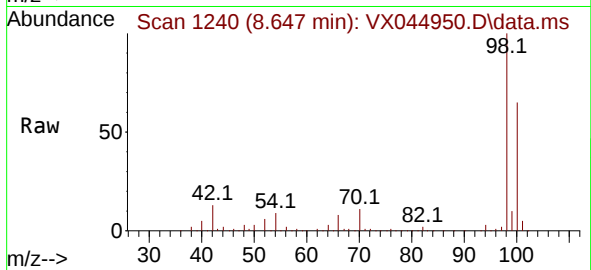




#51
4-Methyl-2-Pentanone
Concen: 0.626 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

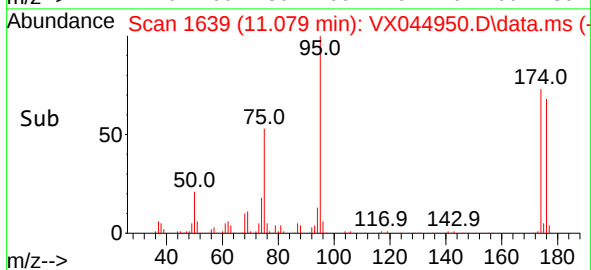
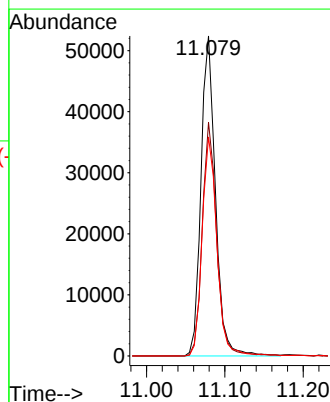
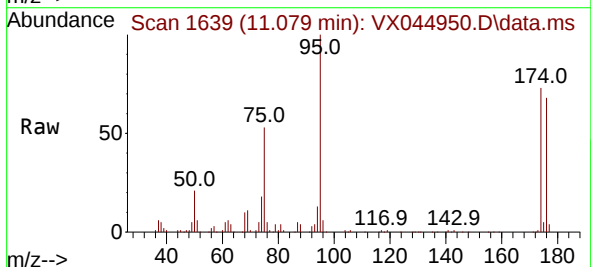
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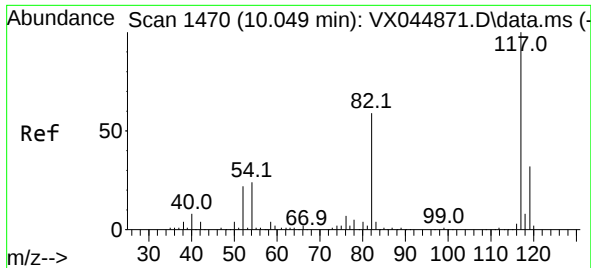
Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 164.2 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 50.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

Tgt Ion: 95 Resp: 67459
Ion Ratio Lower Upper
95 100
174 72.3 0.0 142.6
176 69.9 0.0 141.6

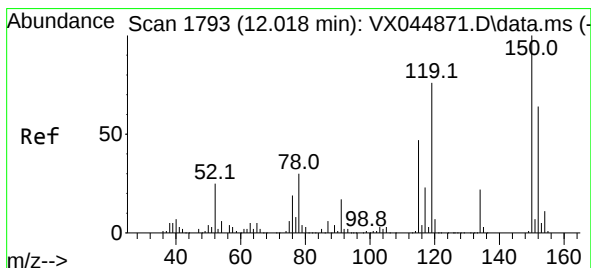
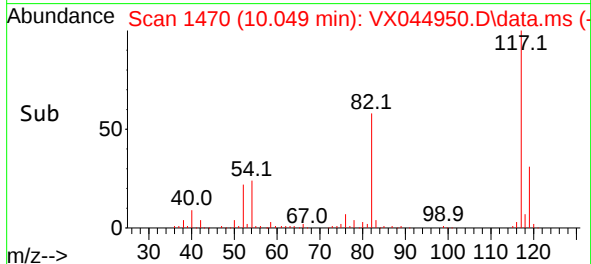
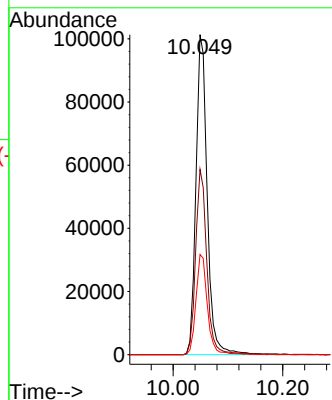
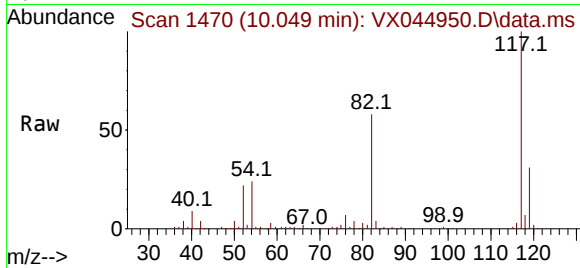




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

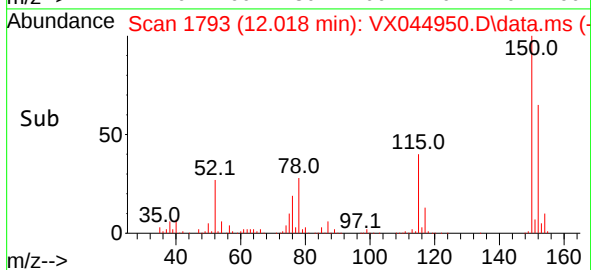
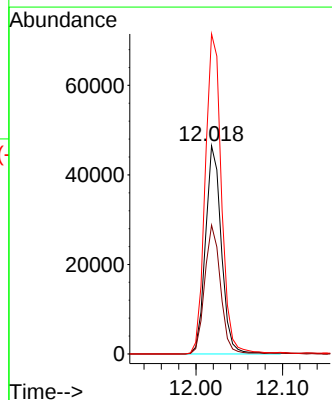
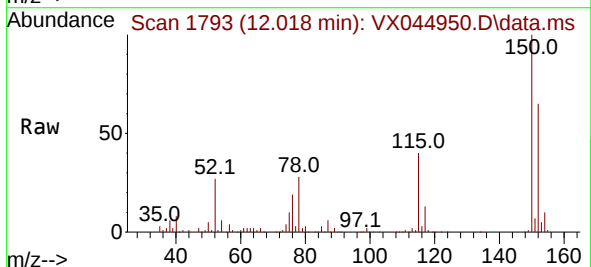
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBL01

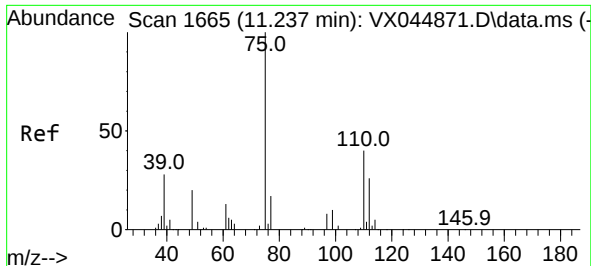
Tgt Ion:117 Resp: 145614
Ion Ratio Lower Upper
117 100
82 57.9 47.5 71.3
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

Tgt Ion:152 Resp: 59196
Ion Ratio Lower Upper
152 100
115 62.1 43.4 130.1
150 156.7 0.0 350.4

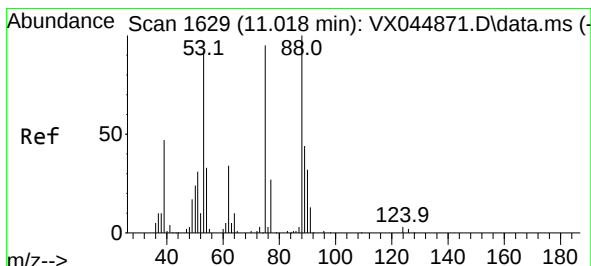
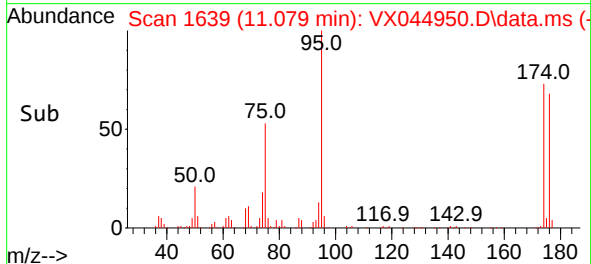
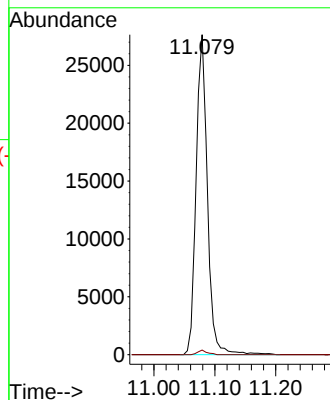
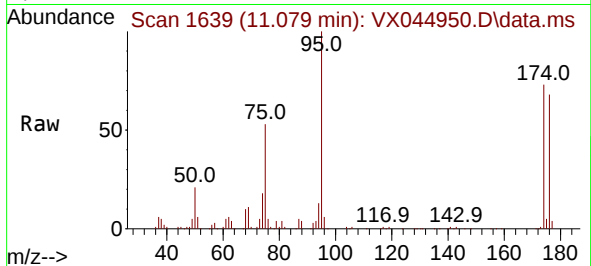




#76
1,2,3-Trichloropropane
Concen: 27.105 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBL01

Tgt Ion: 75 Resp: 35574
Ion Ratio Lower Upper
75 100
77 1.2 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.724 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044950.D
Acq: 14 Feb 2025 10:51

Tgt Ion: 75 Resp: 35574
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

