

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044909.D
 Acq On : 11 Feb 2025 16:24
 Operator : JC/MD
 Sample : Q1327-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB192-HYD-20250204

Quant Time: Feb 12 02:44:33 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)

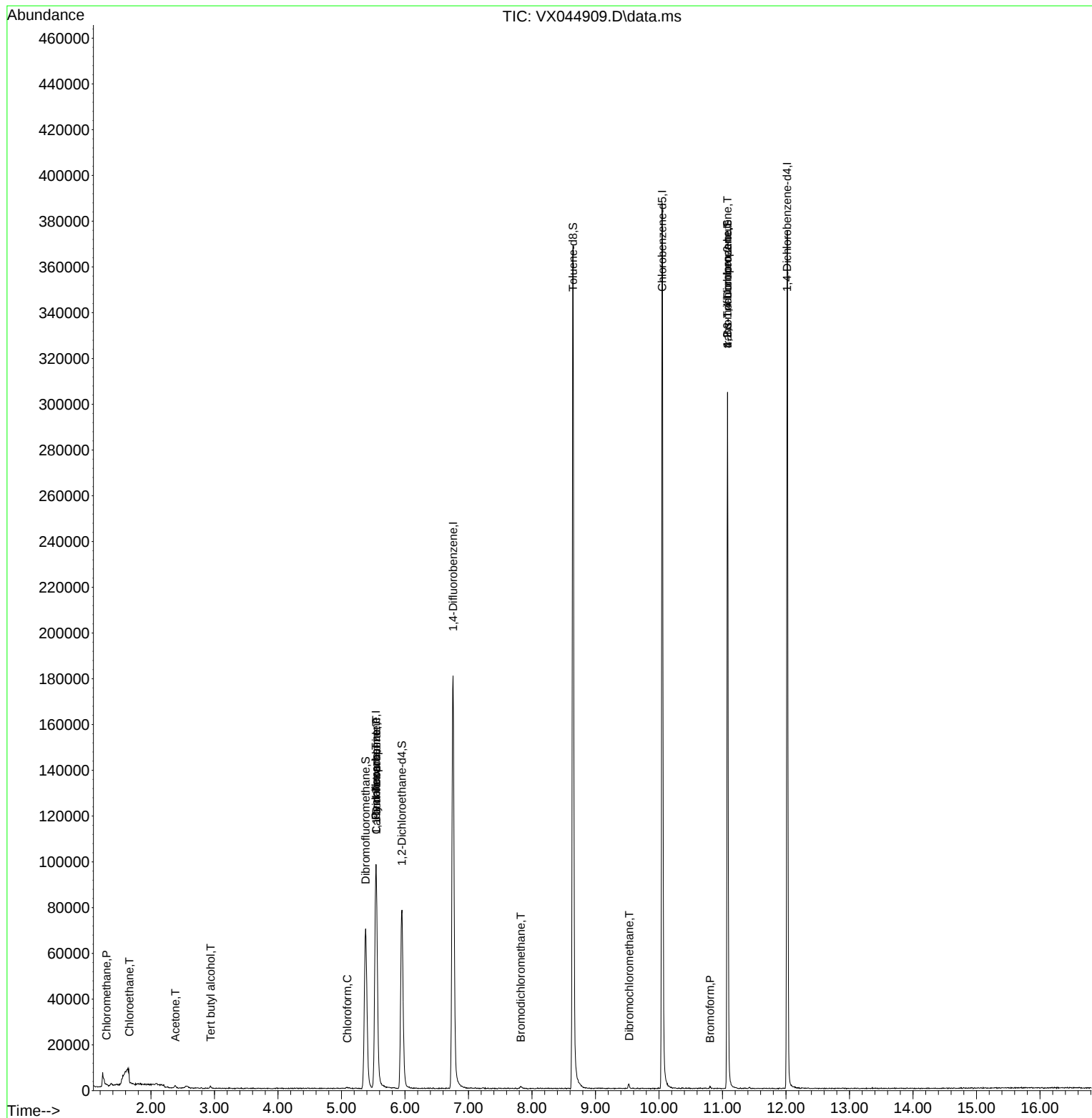
Internal Standards						
1) Pentafluorobenzene	5.544	168	94029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	191186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	175343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73720	53.559	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.120%	
35) Dibromofluoromethane	5.379	113	62523	50.299	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.600%	
50) Toluene-d8	8.647	98	235683	50.141	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	11.079	95	81501	51.433	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	414	0.258	ug/l #	42
6) Chloroethane	1.660	64	81	1.449	ug/l #	42
11) Tert butyl alcohol	2.941	59	136	0.533	ug/l #	73
16) Acetone	2.386	43	1192	2.154	ug/l #	84
30) Chloroform	5.093	83	588	0.261	ug/l #	82
31) Cyclohexane	5.544	56	2416	1.130	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	8245	4.598	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9566	5.443	ug/l #	15
47) Bromodichloromethane	7.824	83	942	0.504	ug/l #	85
60) Dibromochloromethane	9.531	129	1044	0.761	ug/l	98
71) Bromoform	10.805	173	318	0.352	ug/l #	96
76) 1,2,3-Trichloropropane	11.079	75	43362	26.254	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	43362	67.536	ug/l #	11

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

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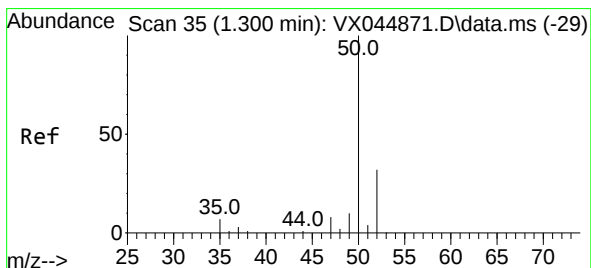
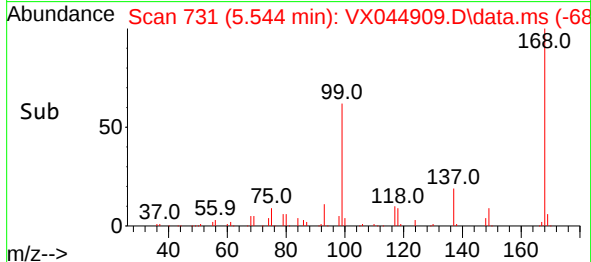
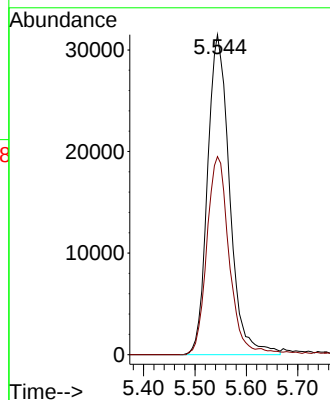
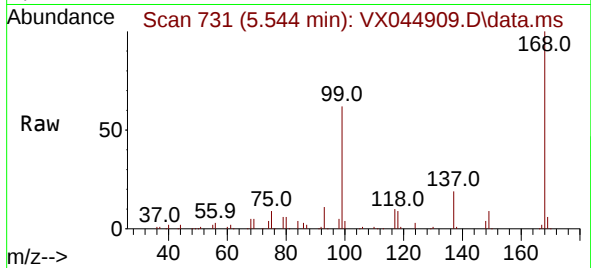




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

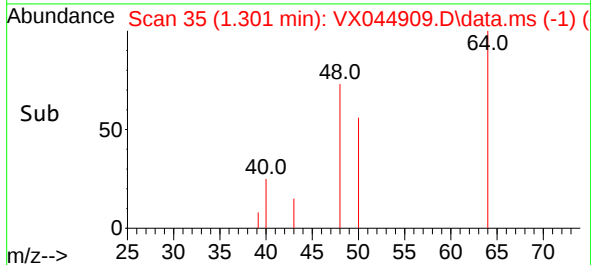
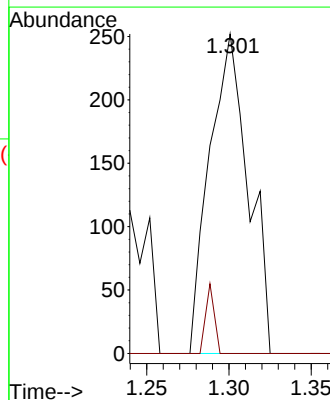
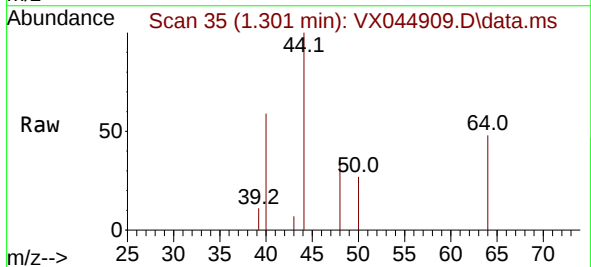
Instrument :
MSVOA_X
ClientSampleId :
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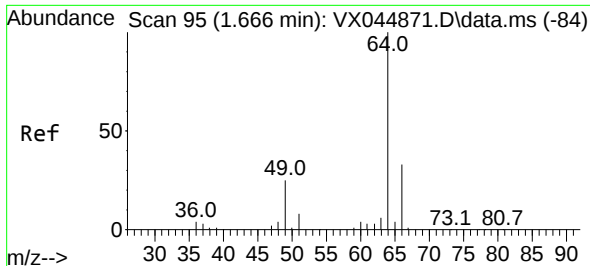
Tgt Ion:168 Resp: 94029
Ion Ratio Lower Upper
168 100
99 61.9 51.2 76.8



#3
Chloromethane
Concen: 0.258 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

Tgt Ion: 50 Resp: 414
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

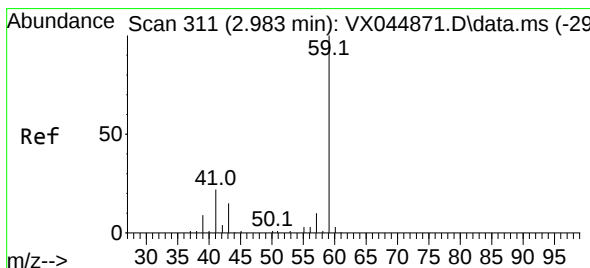
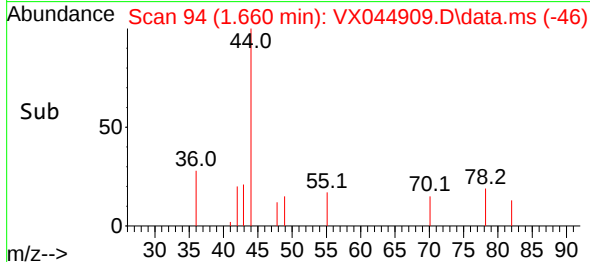
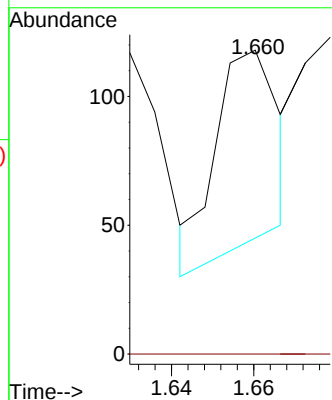
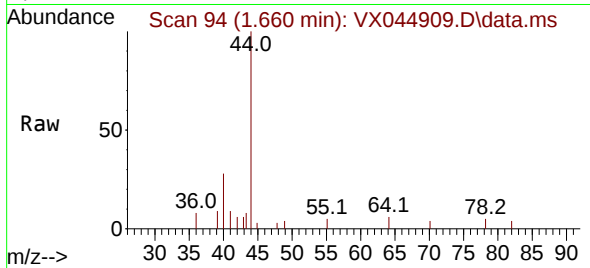




#6
Chloroethane
Concen: 1.449 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

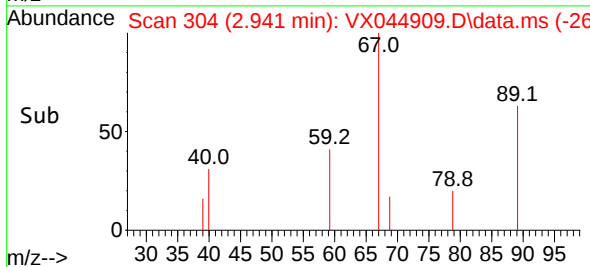
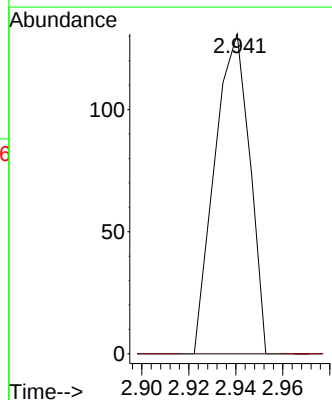
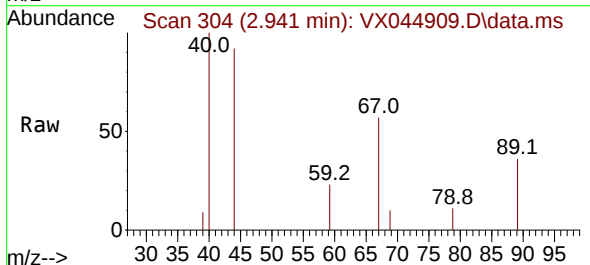
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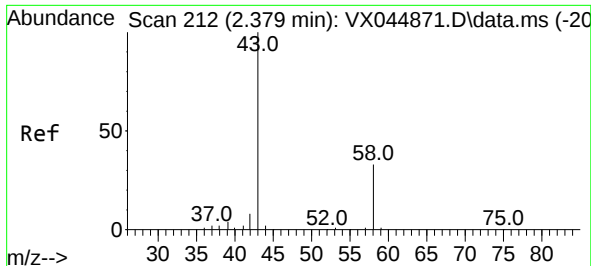
Tgt Ion: 64 Resp: 81
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: 0.533 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

Tgt Ion: 59 Resp: 136
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 2.154 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX044909.D

Acq: 11 Feb 2025 16:24

Instrument :

MSVOA_X

ClientSampleId :

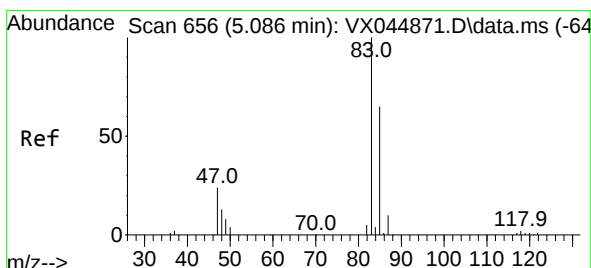
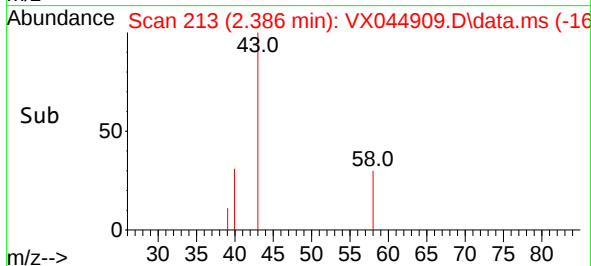
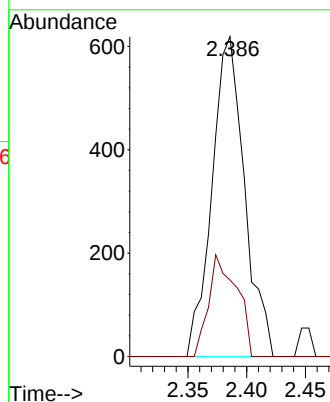
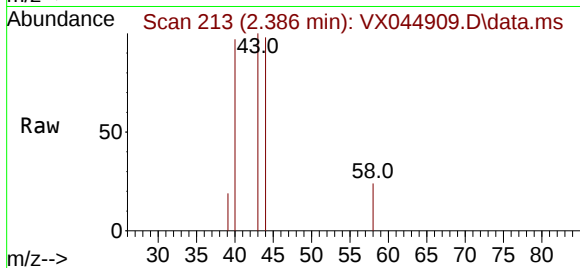
VPB192-HYD-20250204

Tgt Ion: 43 Resp: 1192

Ion Ratio Lower Upper

43 100

58 23.9 26.5 39.7#



#30

Chloroform

Concen: 0.261 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.007 min

Lab File: VX044909.D

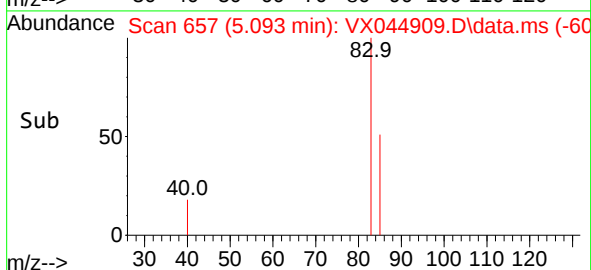
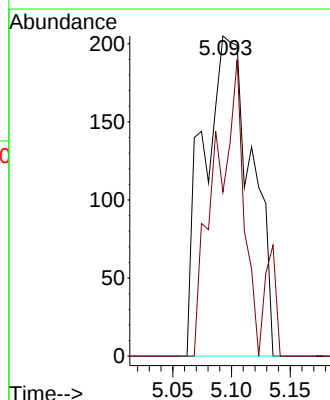
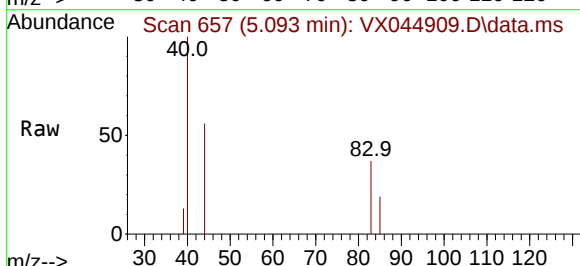
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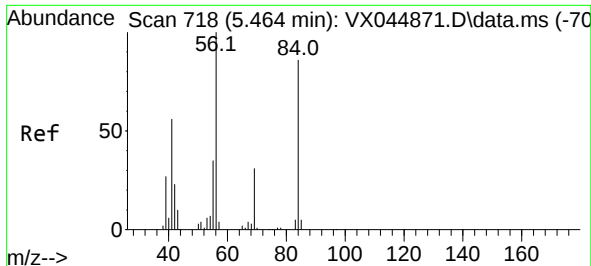
Tgt Ion: 83 Resp: 588

Ion Ratio Lower Upper

83 100

85 51.2 52.1 78.1#

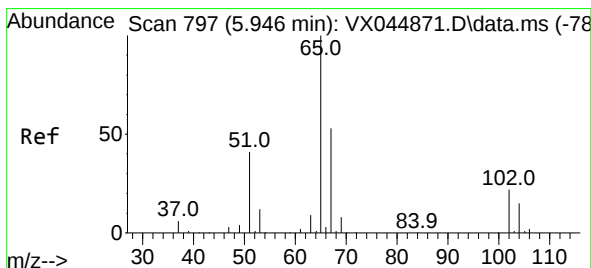
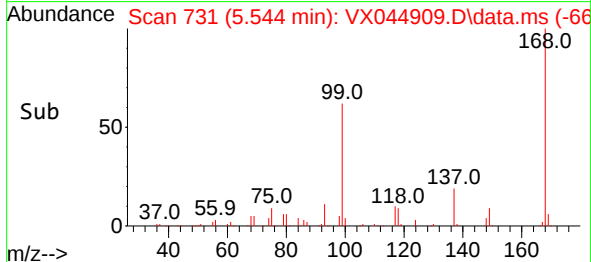
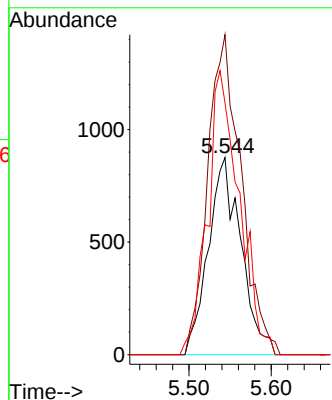
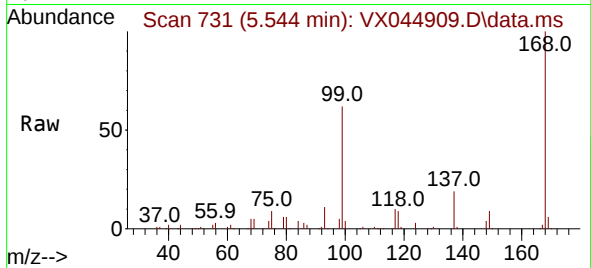




#31
Cyclohexane
Concen: 1.130 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.080 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

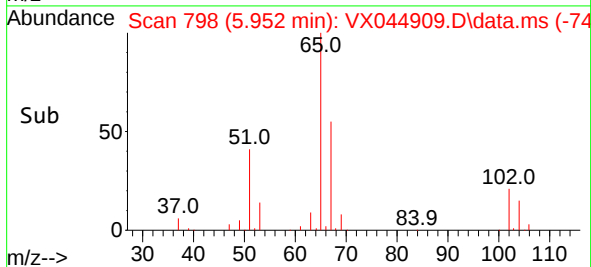
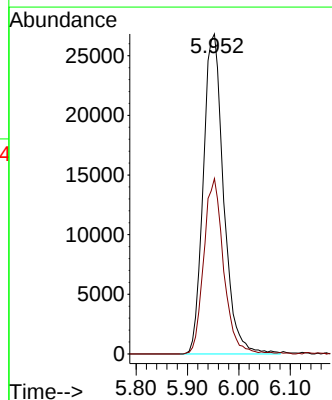
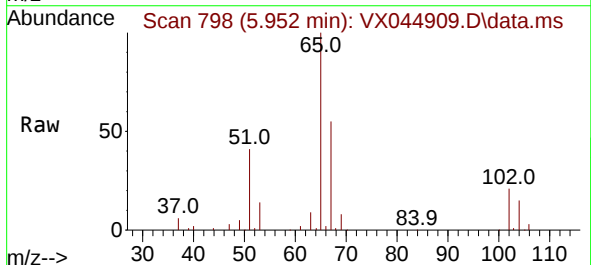
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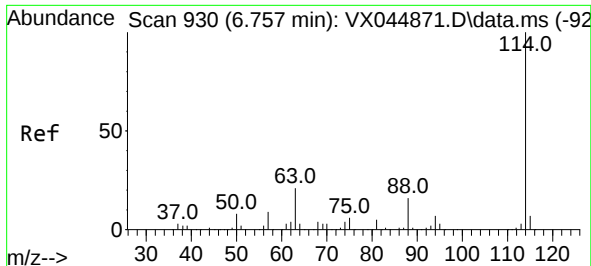
Tgt Ion: 56 Resp: 2416
Ion Ratio Lower Upper
56 100
69 162.3 24.4 36.6#
84 127.7 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 53.559 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.007 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

Tgt Ion: 65 Resp: 73720
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.2

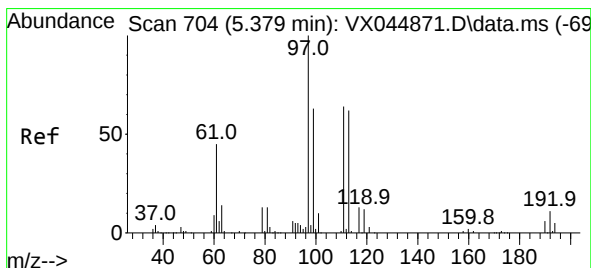
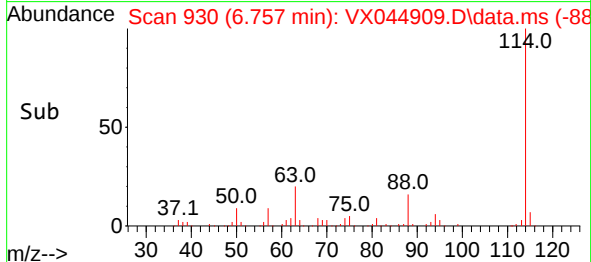
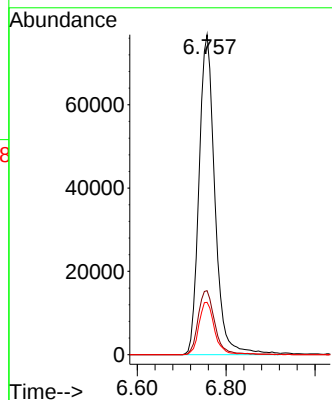
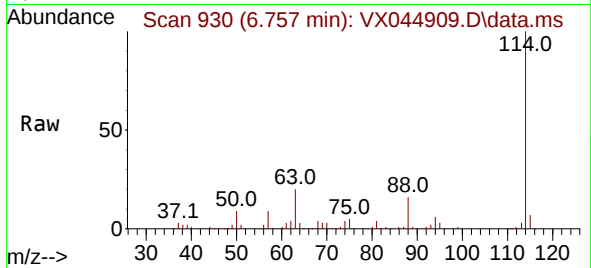




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

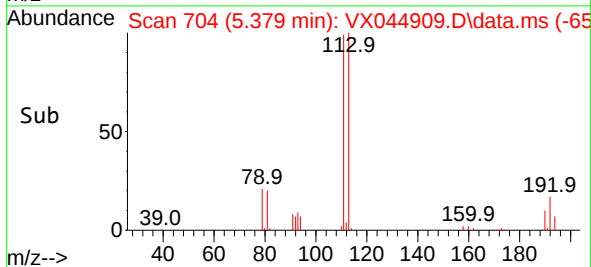
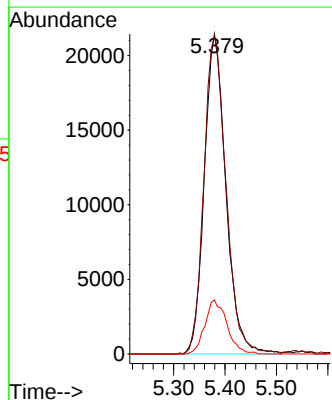
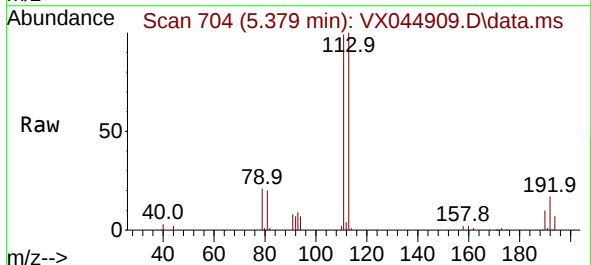
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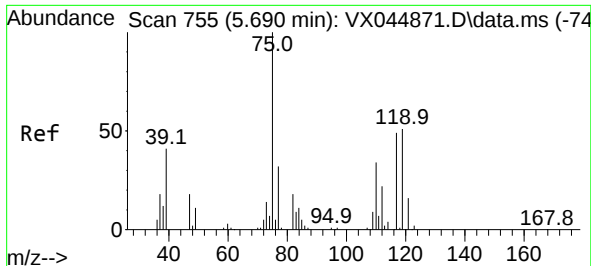
Tgt Ion:114 Resp: 191186
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.4
88 16.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.299 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

Tgt Ion:113 Resp: 62523
Ion Ratio Lower Upper
113 100
111 102.1 83.5 125.3
192 17.2 14.4 21.6

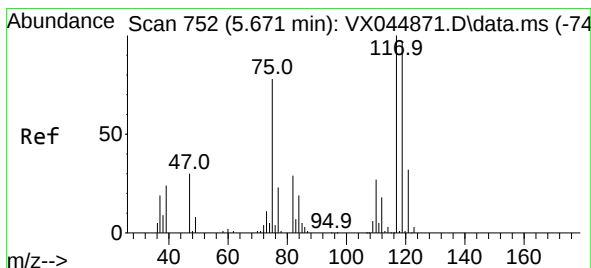
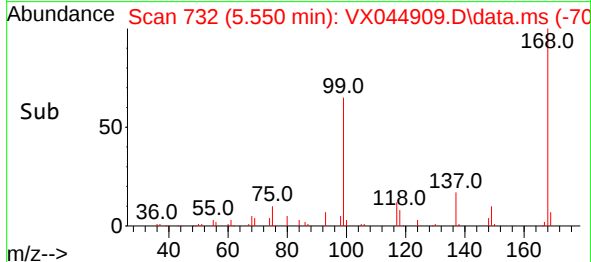
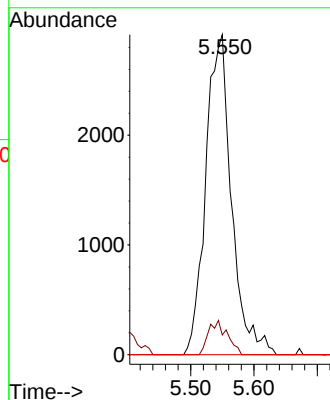
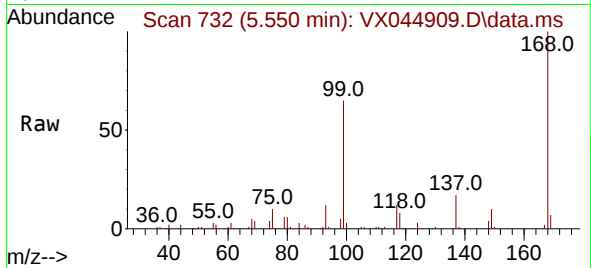




#36
1,1-Dichloropropene
Concen: 4.598 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

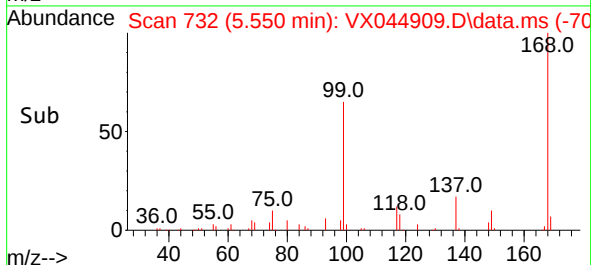
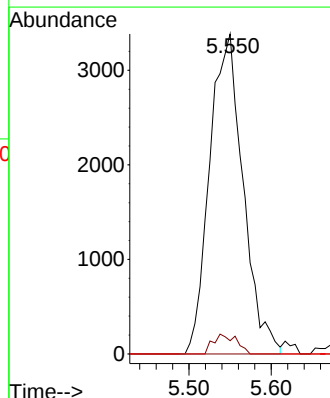
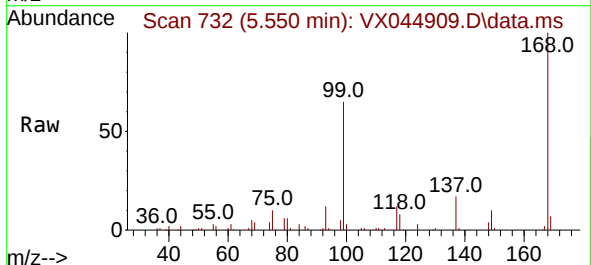
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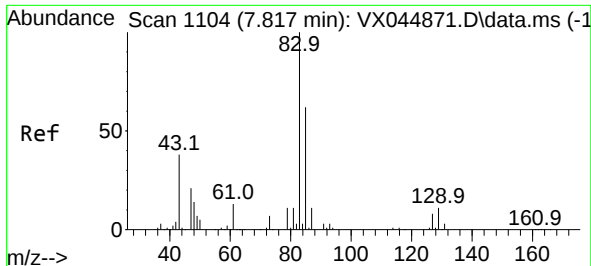
Tgt Ion: 75 Resp: 8245
Ion Ratio Lower Upper
75 100
110 7.8 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.443 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

Tgt Ion: 117 Resp: 9566
Ion Ratio Lower Upper
117 100
119 4.1 77.5 116.3#
121 0.0 25.6 38.4#

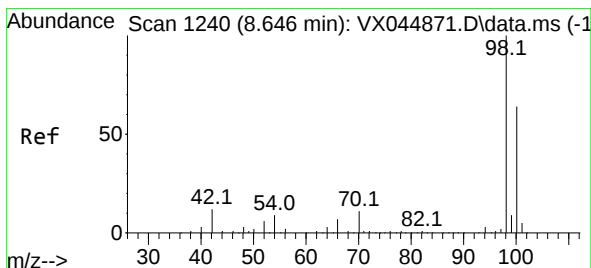
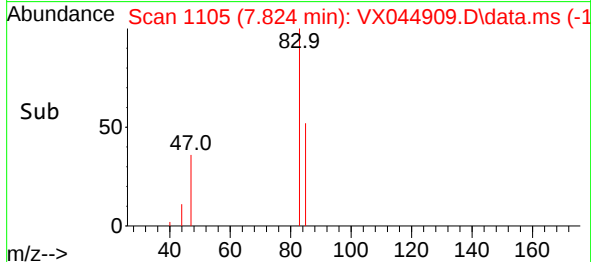
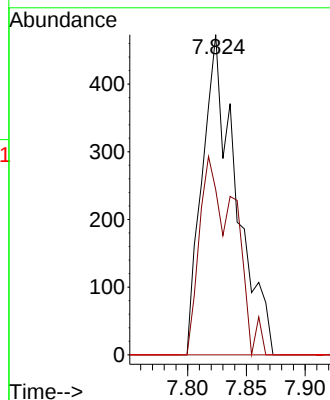
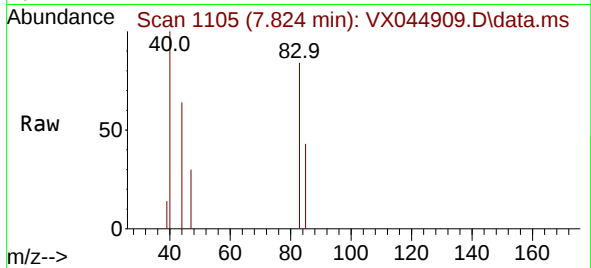




#47
Bromodichloromethane
Concen: 0.504 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.007 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

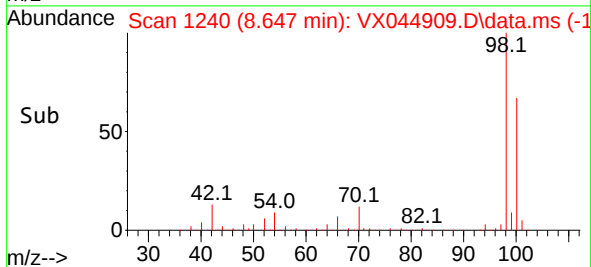
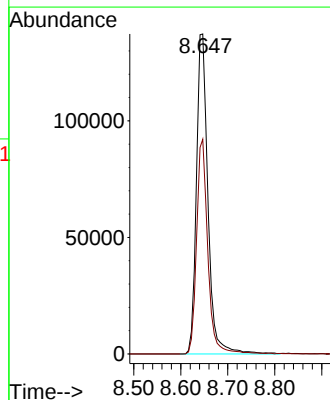
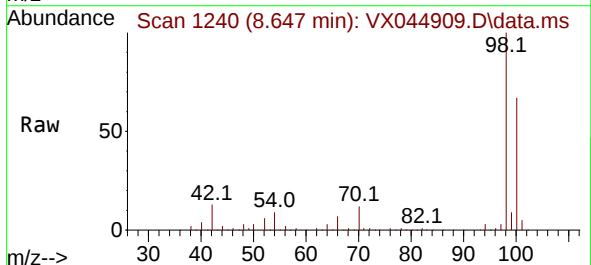
Instrument :
MSVOA_X
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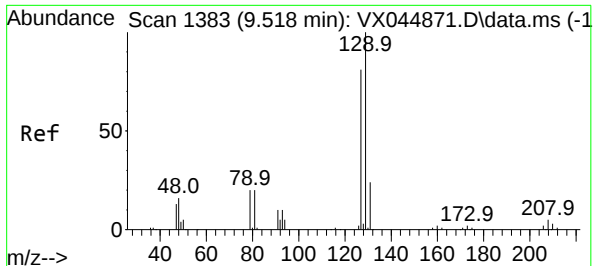
Tgt Ion: 83 Resp: 942
Ion Ratio Lower Upper
83 100
85 51.6 50.0 75.0
127 0.0 6.4 9.6#



#50
Toluene-d8
Concen: 50.141 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

Tgt Ion: 98 Resp: 235683
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1

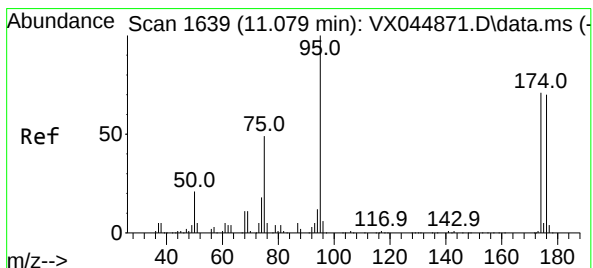
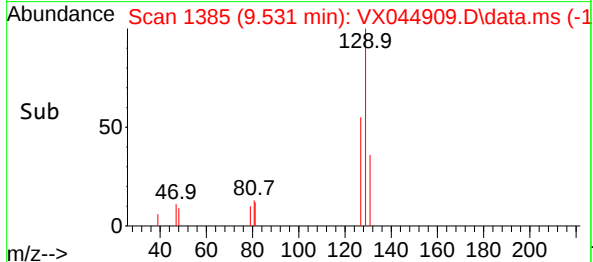
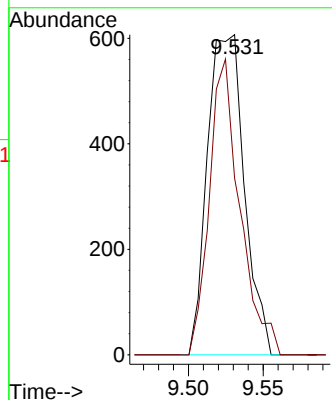
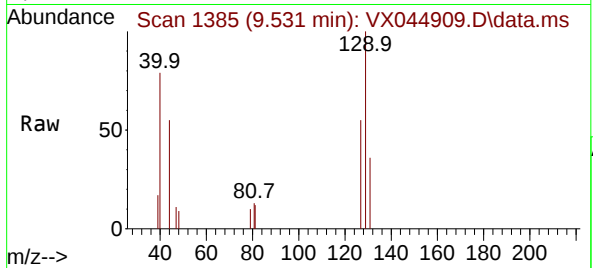




#60
Dibromochloromethane
Concen: 0.761 ug/l
RT: 9.531 min Scan# 11
Delta R.T. 0.013 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

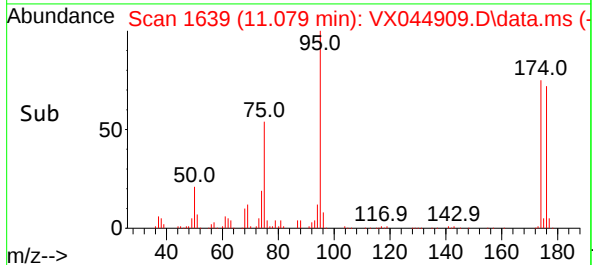
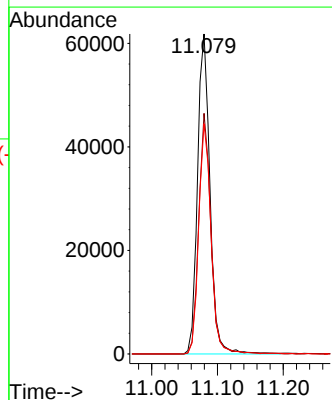
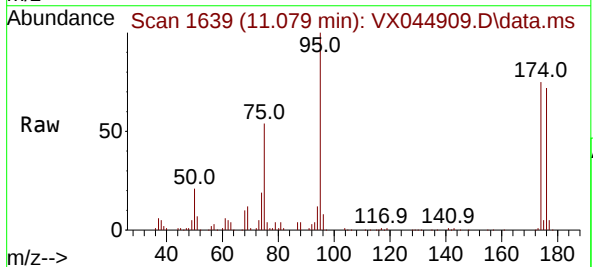
Instrument :
MSVOA_X
ClientSampleId :
VPB192-HYD-20250204

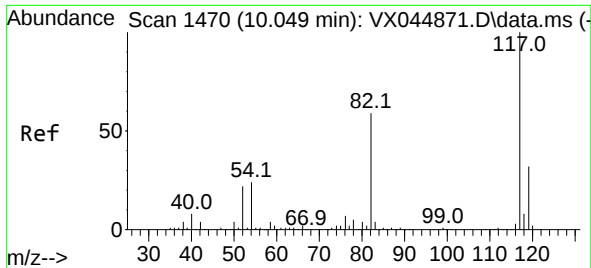
Tgt Ion:129 Resp: 1044
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.3



#62
4-Bromofluorobenzene
Concen: 51.433 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

Tgt Ion: 95 Resp: 81501
Ion Ratio Lower Upper
95 100
174 73.1 0.0 142.6
176 71.2 0.0 141.6

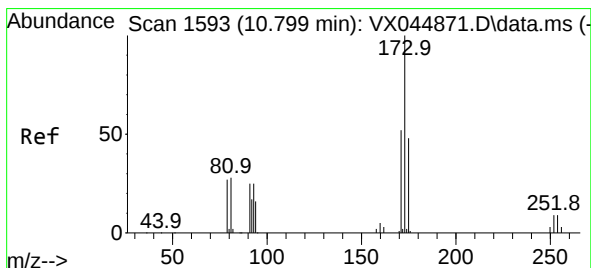
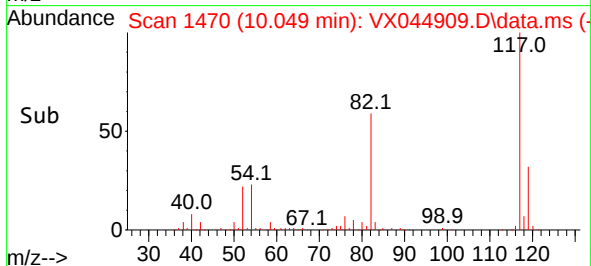
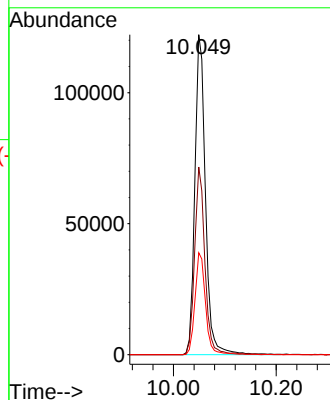
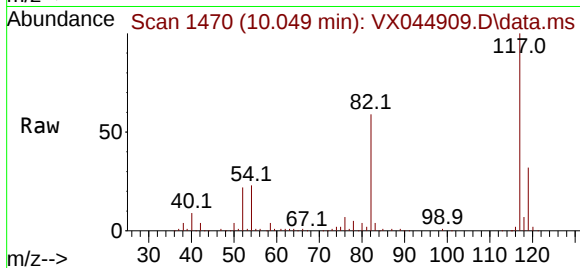




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

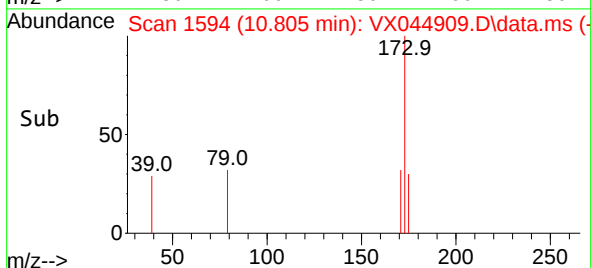
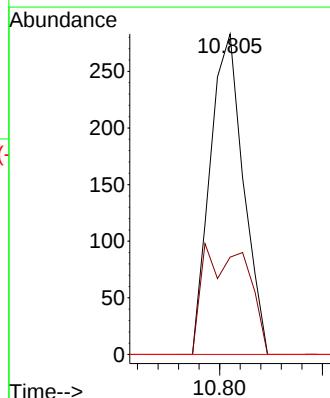
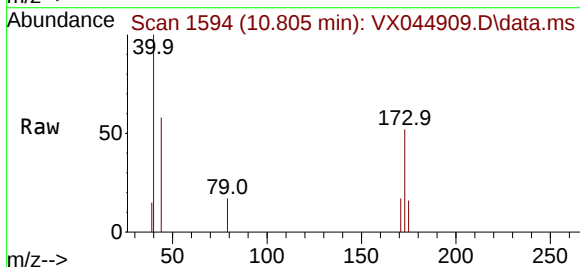
Instrument :
MSVOA_X
ClientSampleId :
VPB192-HYD-20250204

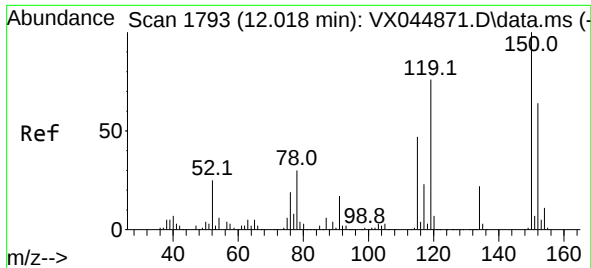
Tgt Ion:117 Resp: 175343
Ion Ratio Lower Upper
117 100
82 58.6 47.5 71.3
119 31.8 25.4 38.0



#71
Bromoform
Concen: 0.352 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.007 min
Lab File: VX044909.D
Acq: 11 Feb 2025 16:24

Tgt Ion:173 Resp: 318
Ion Ratio Lower Upper
173 100
175 45.6 24.3 72.8
254 0.0 0.0 0.0

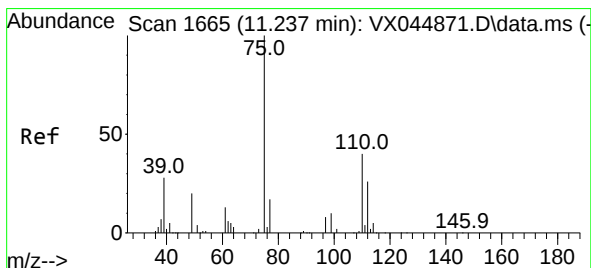
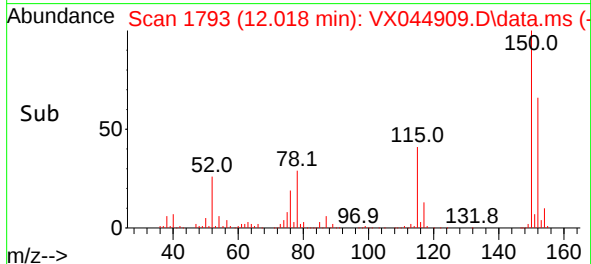
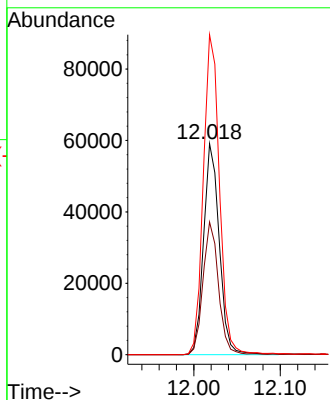
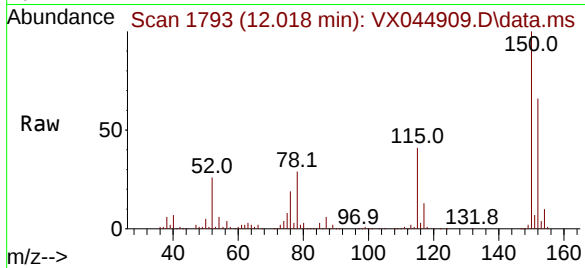




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044909.D
 Acq: 11 Feb 2025 16:24

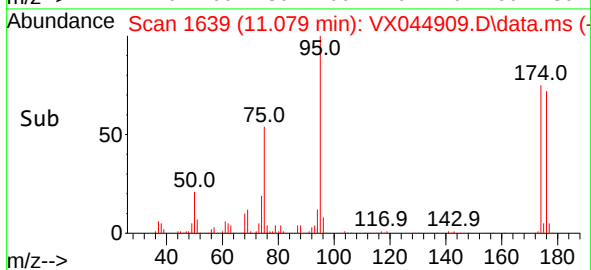
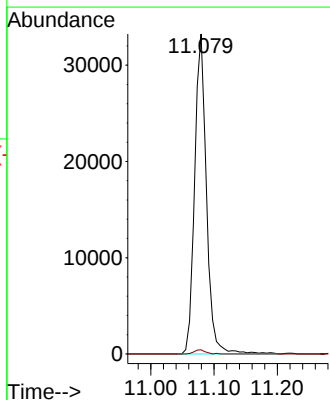
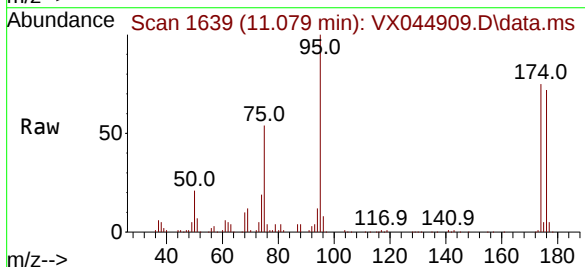
Instrument :
 MSVOA_X
 ClientSampleId :
 VPB192-HYD-20250204

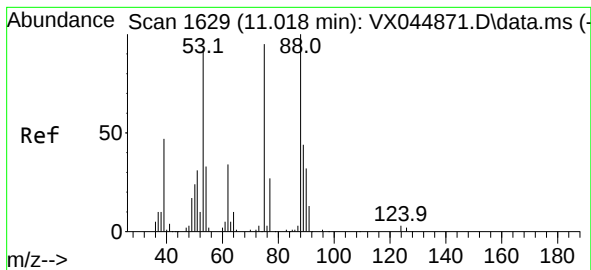
Tgt Ion:152 Resp: 74493
 Ion Ratio Lower Upper
 152 100
 115 62.2 43.4 130.1
 150 156.0 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 26.254 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044909.D
 Acq: 11 Feb 2025 16:24

Tgt Ion: 75 Resp: 43362
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.9 65.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 67.536 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX044909.D

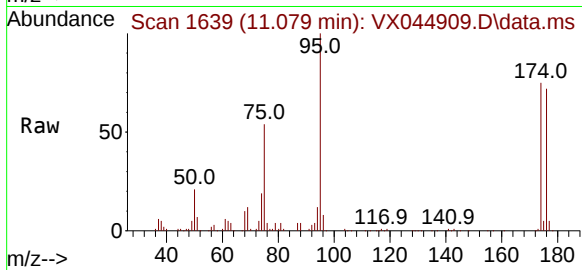
Acq: 11 Feb 2025 16:24

Instrument :

MSVOA_X

ClientSampleId :

VPB192-HYD-20250204



Tgt Ion: 75 Resp: 43362

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 36.6 54.8#

