

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044900.D
 Acq On : 11 Feb 2025 12:57
 Operator : JC/MD
 Sample : Q1283-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB192-HYD-20250131

Quant Time: Feb 12 02:41:08 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)

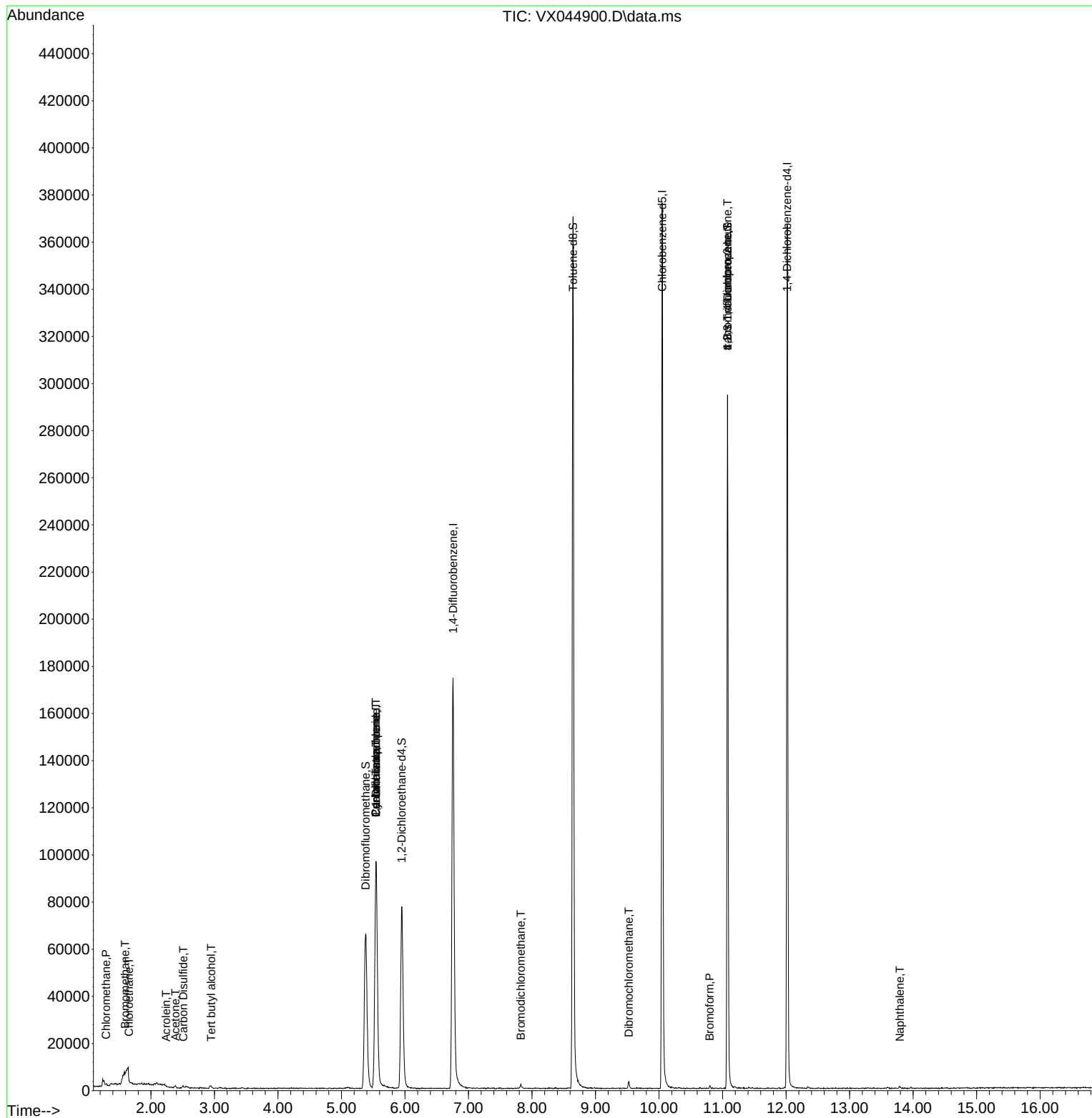
Internal Standards						
1) Pentafluorobenzene	5.544	168	91747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	188311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	169014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	71542	53.270	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.540%	
35) Dibromofluoromethane	5.379	113	60372	49.310	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.620%	
50) Toluene-d8	8.647	98	229287	49.525	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.060%	
62) 4-Bromofluorobenzene	11.079	95	79624	51.016	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	437	0.279	ug/l	96
5) Bromomethane	1.593	94	92	0.203	ug/l #	5
6) Chloroethane	1.654	64	39	1.395	ug/l #	42
11) Tert butyl alcohol	2.947	59	535	2.147	ug/l #	73
13) Acrolein	2.239	56	144	0.560	ug/l	100
16) Acetone	2.386	43	1018	1.886	ug/l	97
17) Carbon Disulfide	2.508	76	1018	0.314	ug/l #	76
31) Cyclohexane	5.544	56	2314	1.109	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	7894	4.469	ug/l #	47
38) Carbon Tetrachloride	5.544	117	9552	5.518	ug/l #	15
47) Bromodichloromethane	7.824	83	1226	0.665	ug/l #	95
60) Dibromochloromethane	9.525	129	1563	1.157	ug/l	95
71) Bromoform	10.799	173	459	0.526	ug/l #	89
76) 1,2,3-Trichloropropane	11.079	75	42043	25.778	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	42043	66.311	ug/l #	11
95) Naphthalene	13.792	128	1326	0.250	ug/l #	85

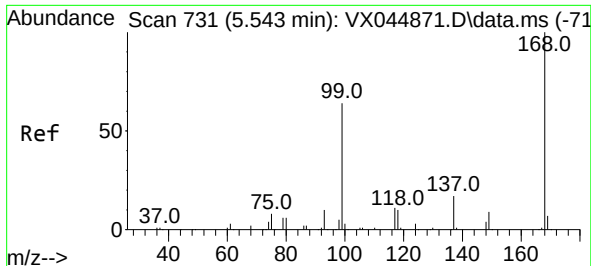
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VPB192-HYD-20250131

Quant Time: Feb 12 02:41:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
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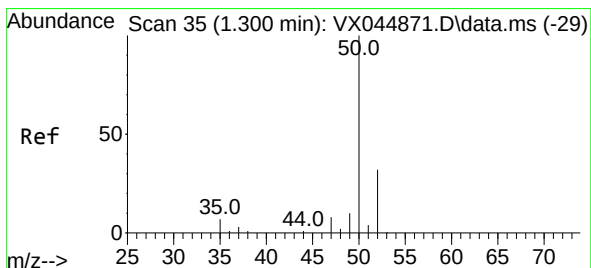
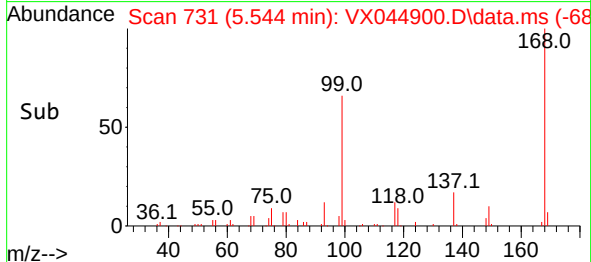
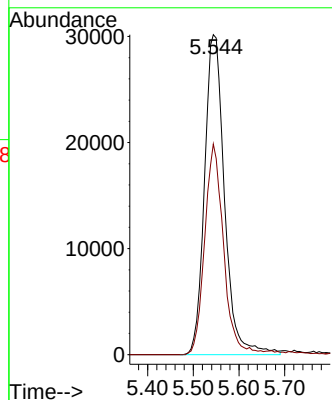
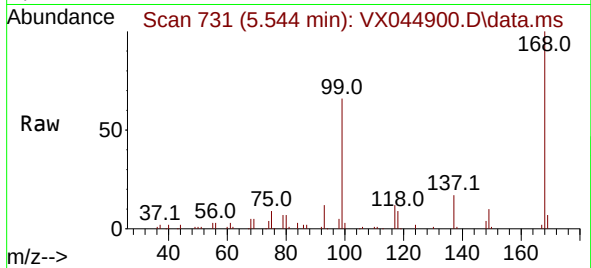




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

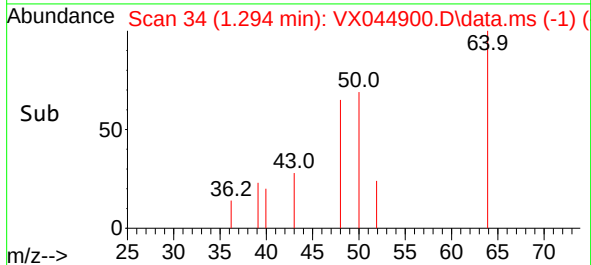
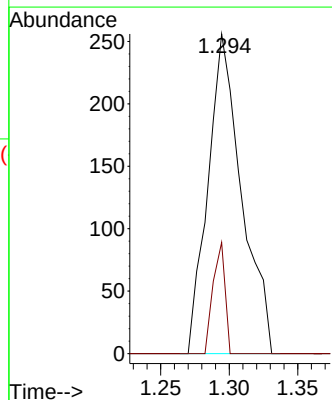
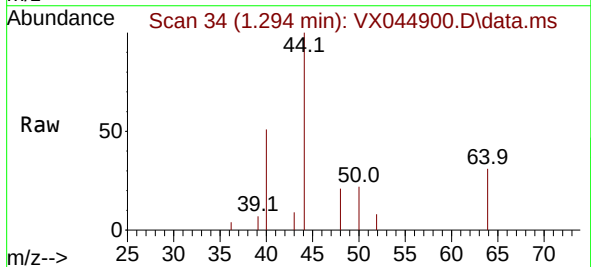
Instrument :
MSVOA_X
ClientSampleId :
VPB192-HYD-20250131

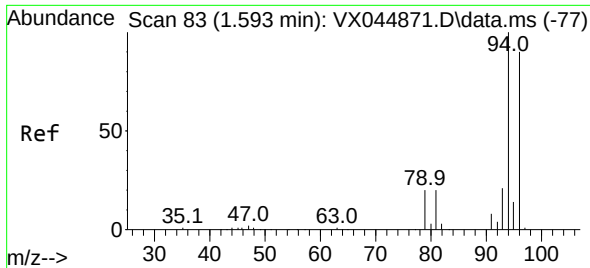
Tgt Ion:168 Resp: 91747
Ion Ratio Lower Upper
168 100
99 65.9 51.2 76.8



#3
Chloromethane
Concen: 0.279 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

Tgt Ion: 50 Resp: 437
Ion Ratio Lower Upper
50 100
52 34.8 25.9 38.9

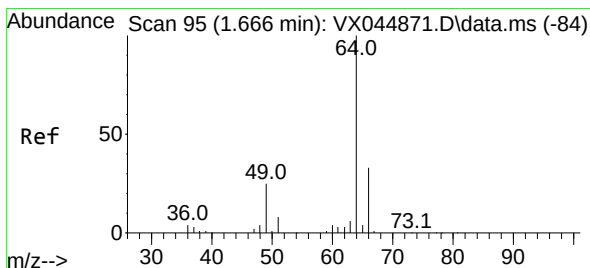
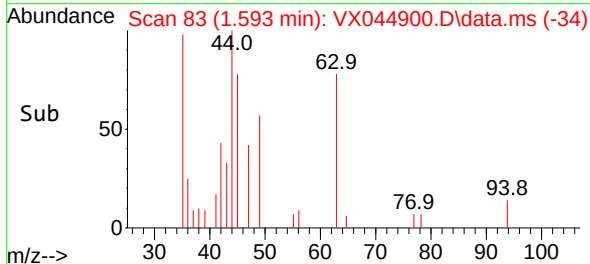
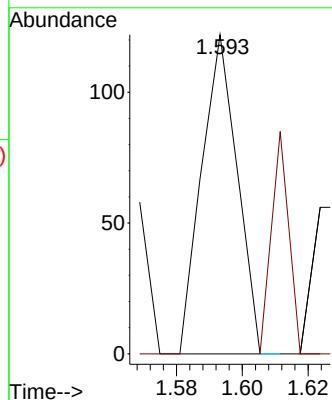
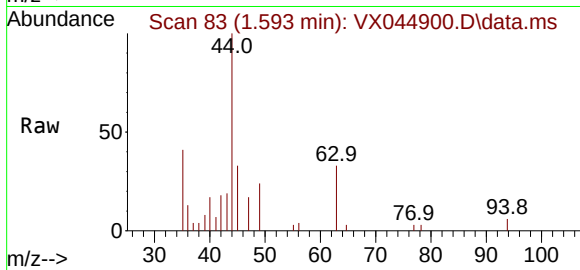




#5
Bromomethane
Concen: 0.203 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

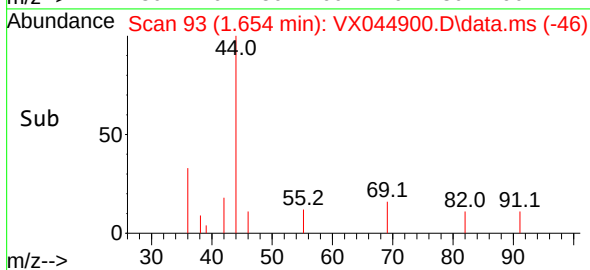
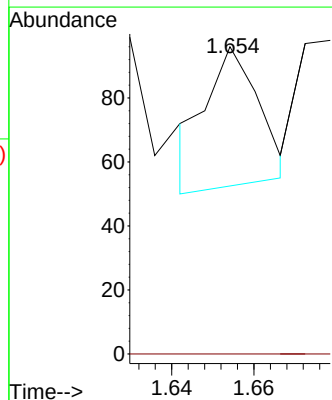
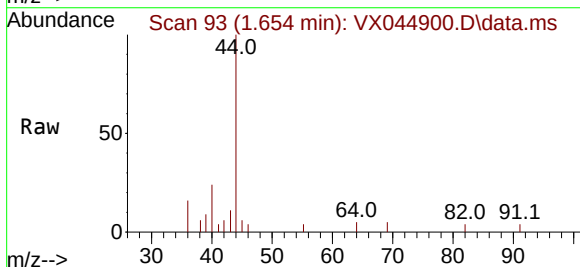
Instrument :
MSVOA_X
ClientSampleId :
VPB192-HYD-20250131

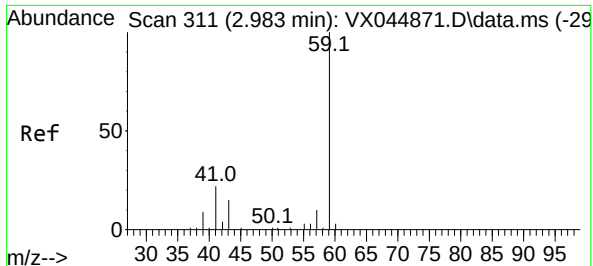
Tgt Ion: 94 Resp: 92
Ion Ratio Lower Upper
94 100
96 0.0 71.6 107.4#



#6
Chloroethane
Concen: 1.395 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.012 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

Tgt Ion: 64 Resp: 39
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 2.147 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.036 min

Lab File: VX044900.D

Acq: 11 Feb 2025 12:57

Instrument :

MSVOA_X

ClientSampleId :

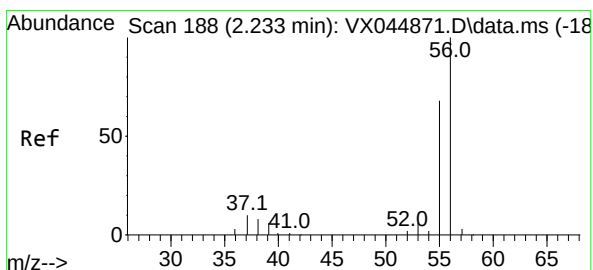
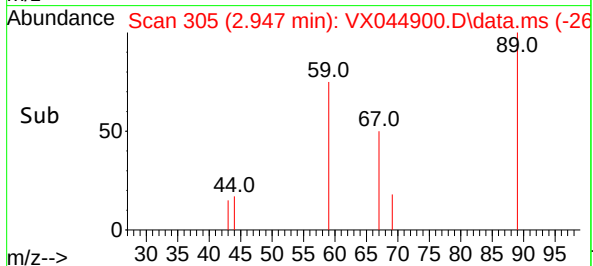
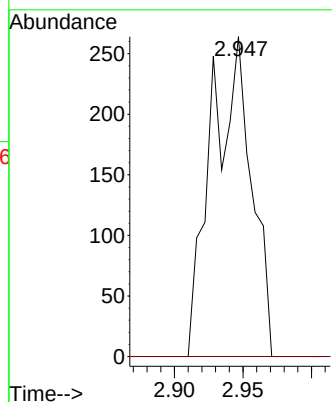
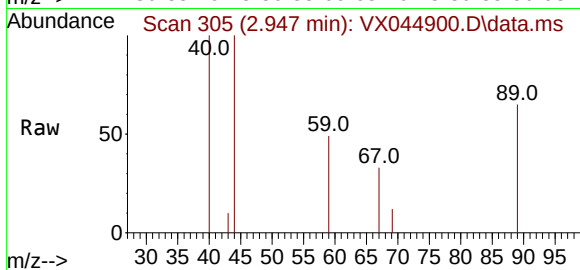
VPB192-HYD-20250131

Tgt Ion: 59 Resp: 535

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.560 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX044900.D

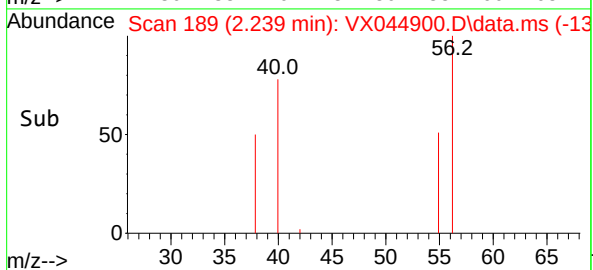
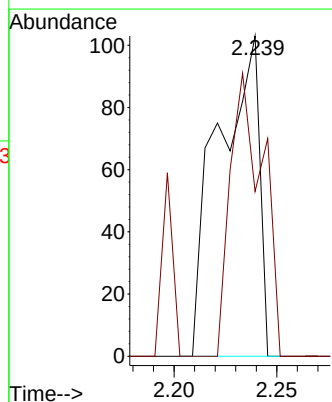
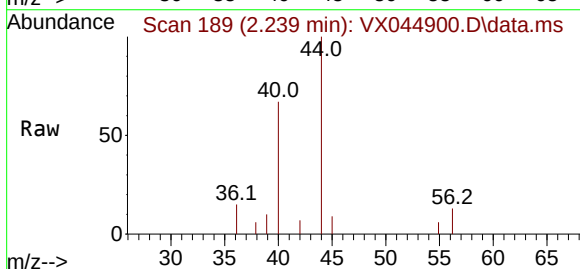
Acq: 11 Feb 2025 12:57

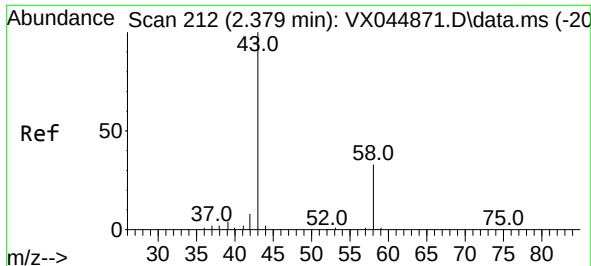
Tgt Ion: 56 Resp: 144

Ion Ratio Lower Upper

56 100

55 69.4 55.7 83.5

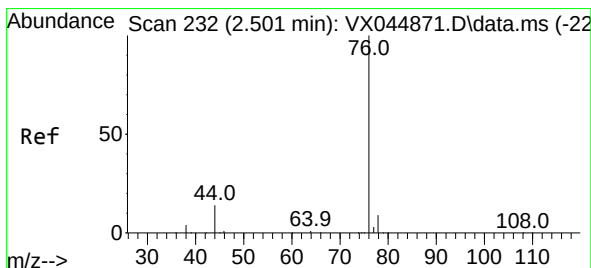
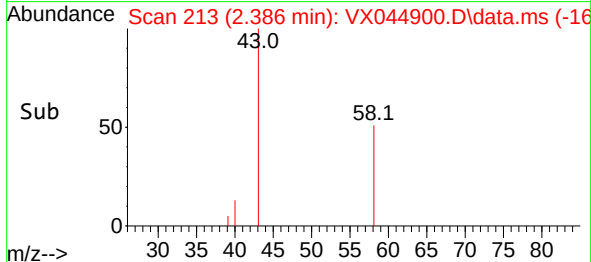
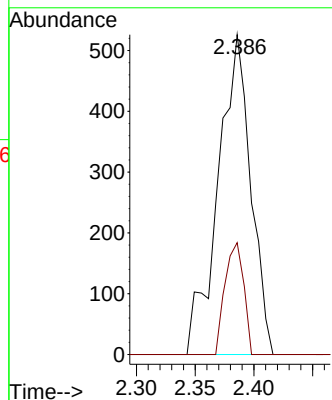
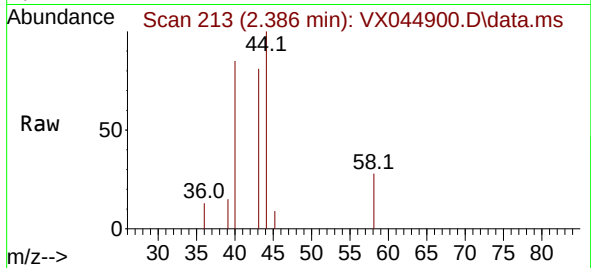




#16
Acetone
Concen: 1.886 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

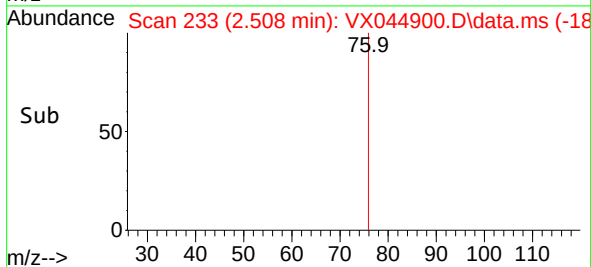
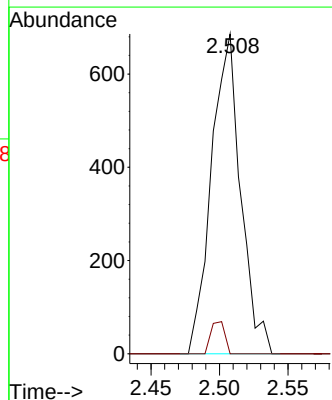
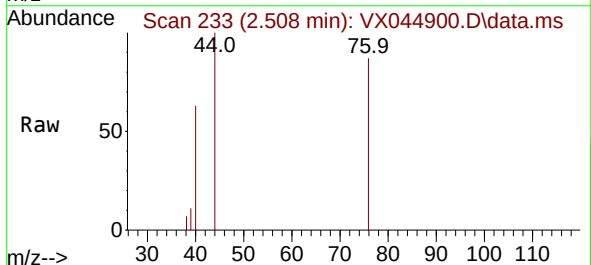
Instrument :
MSVOA_X
ClientSampleId :
VPB192-HYD-20250131

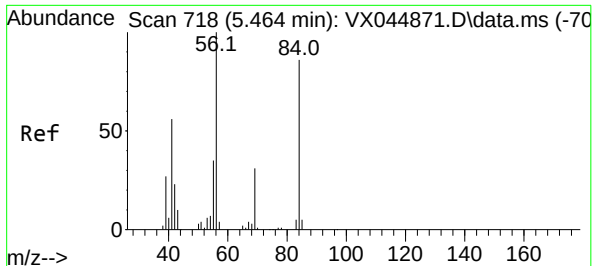
Tgt Ion: 43 Resp: 1018
Ion Ratio Lower Upper
43 100
58 35.0 26.5 39.7



#17
Carbon Disulfide
Concen: 0.314 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

Tgt Ion: 76 Resp: 1018
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

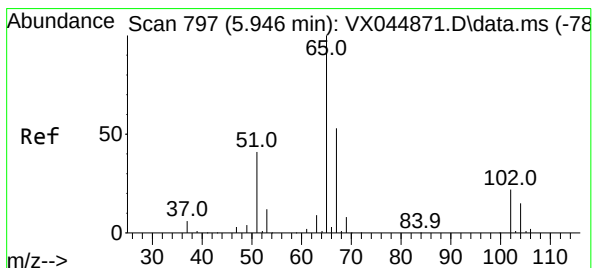
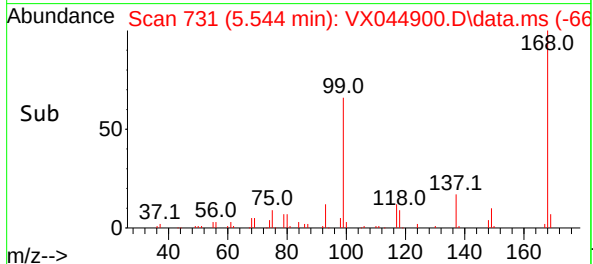
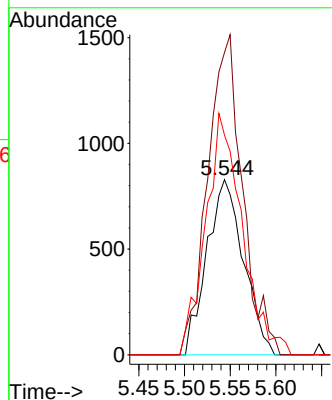
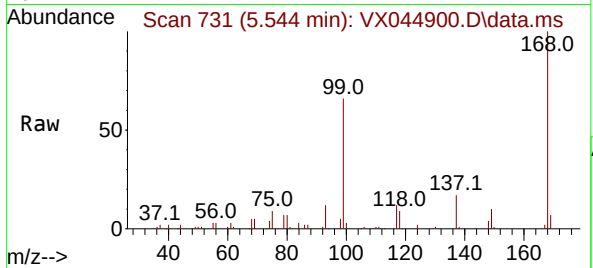




#31
Cyclohexane
Concen: 1.109 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.080 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

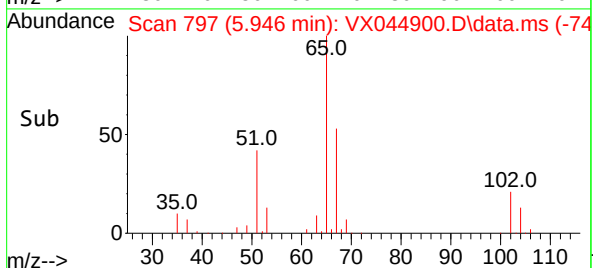
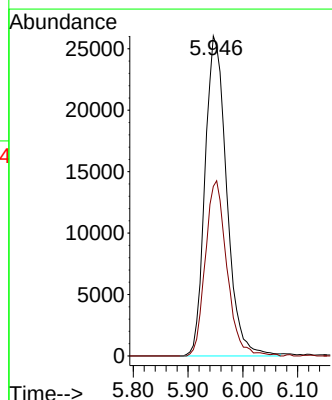
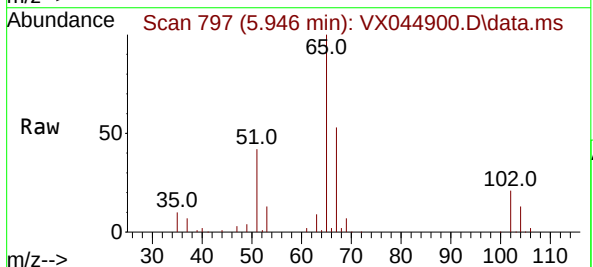
Instrument :
MSVOA_X
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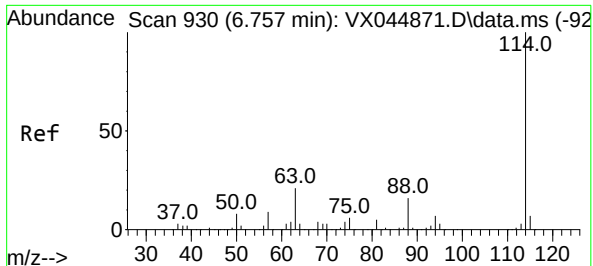
Tgt Ion: 56 Resp: 2314
Ion Ratio Lower Upper
56 100
69 172.7 24.4 36.6#
84 125.5 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 53.270 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

Tgt Ion: 65 Resp: 71542
Ion Ratio Lower Upper
65 100
67 54.3 0.0 108.2

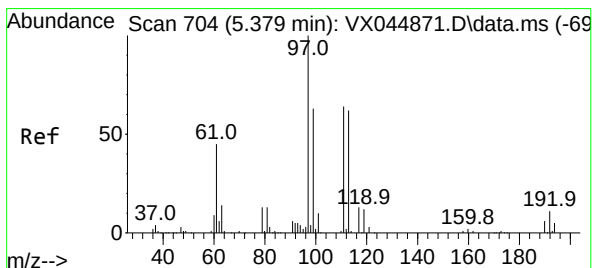
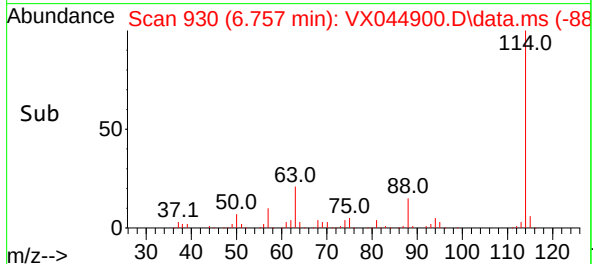
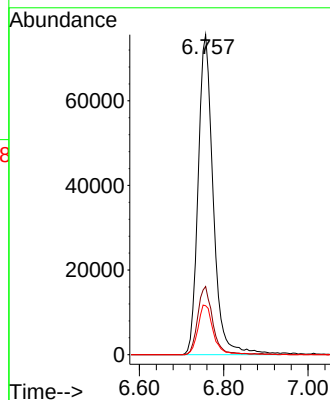
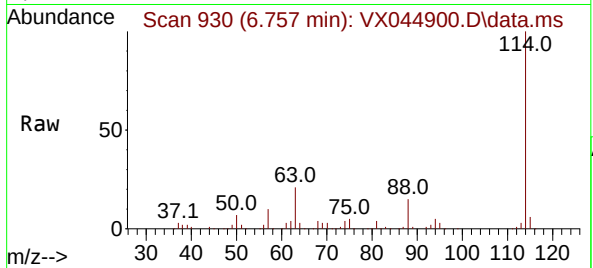




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

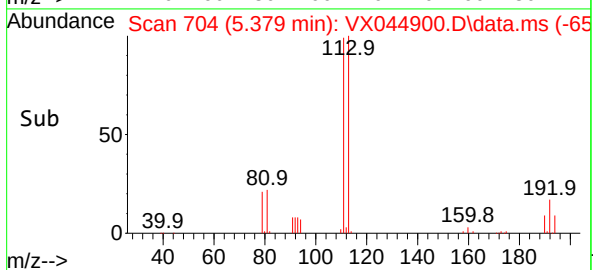
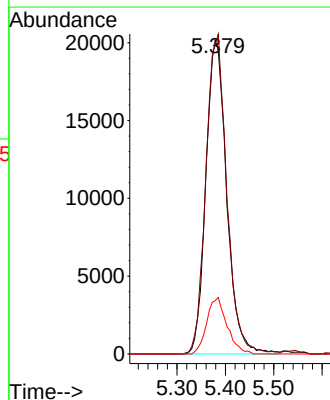
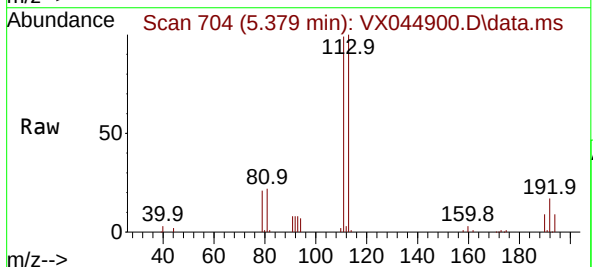
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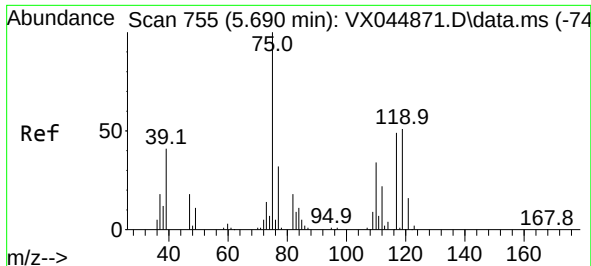
Tgt Ion:114 Resp: 188311
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 15.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.310 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

Tgt Ion:113 Resp: 60372
Ion Ratio Lower Upper
113 100
111 102.3 83.5 125.3
192 17.4 14.4 21.6

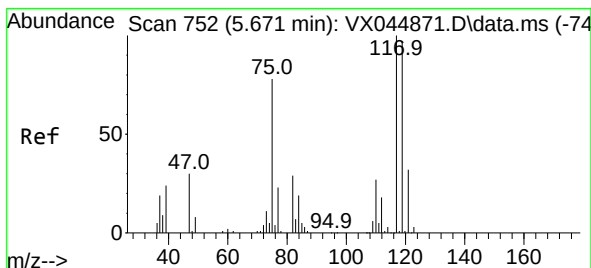
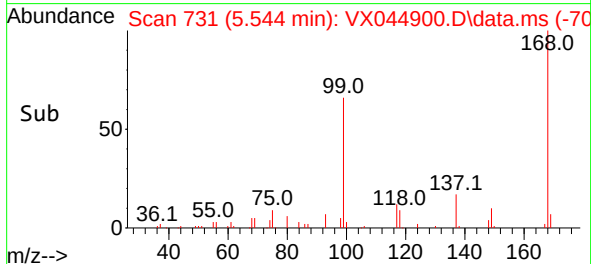
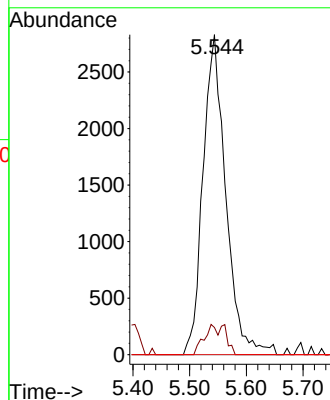
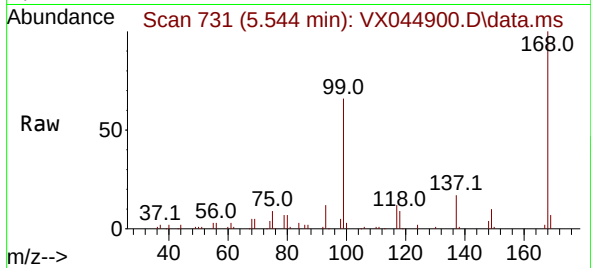




#36
1,1-Dichloropropene
Concen: 4.469 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

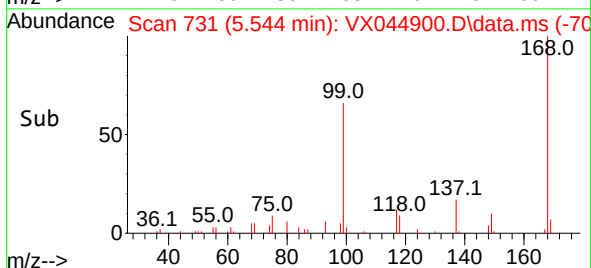
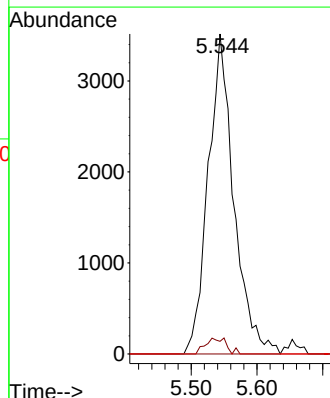
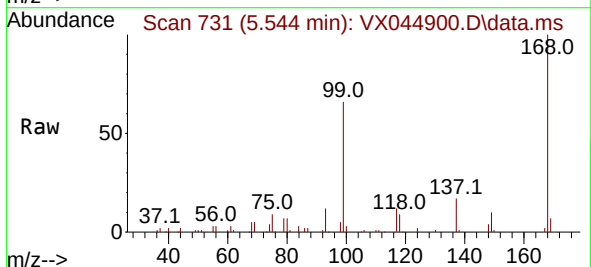
Instrument :
MSVOA_X
ClientSampleId :
VPB192-HYD-20250131

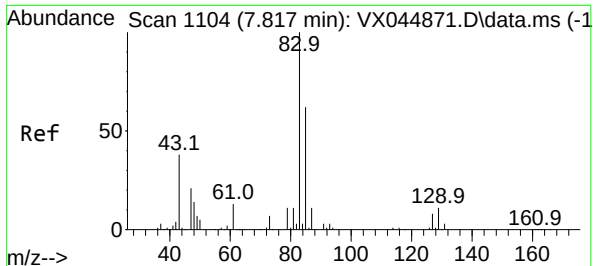
Tgt Ion: 75 Resp: 7894
Ion Ratio Lower Upper
75 100
110 5.6 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.518 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

Tgt Ion: 117 Resp: 9552
Ion Ratio Lower Upper
117 100
119 4.0 77.5 116.3#
121 0.0 25.6 38.4#





#47

Bromodichloromethane

Concen: 0.665 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX044900.D

Acq: 11 Feb 2025 12:57

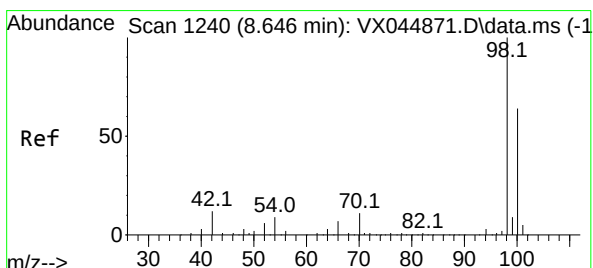
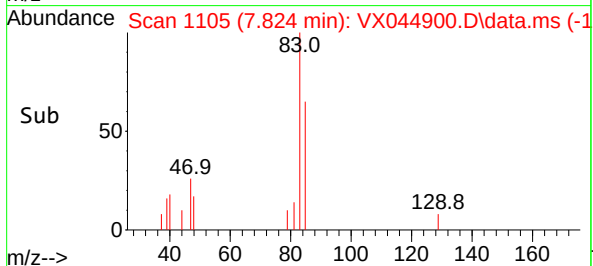
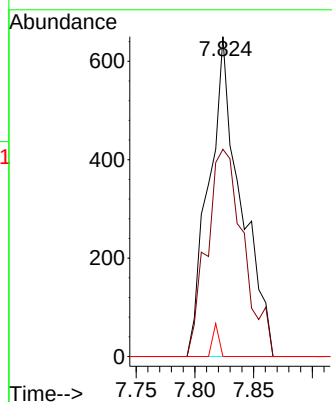
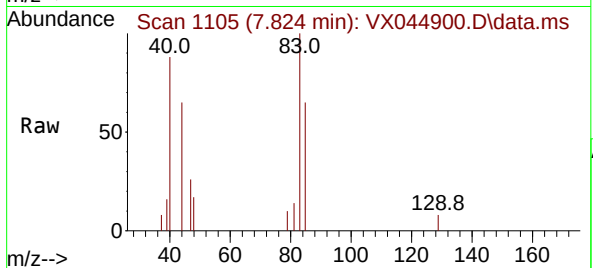
Instrument :

MSVOA_X

ClientSampleId :

VPB192-HYD-20250131

Tgt Ion: 83	Resp:	1226
Ion	Ratio	Lower Upper
83	100	
85	64.8	50.0 75.0
127	0.0	6.4 9.6#



#50

Toluene-d8

Concen: 49.525 ug/l

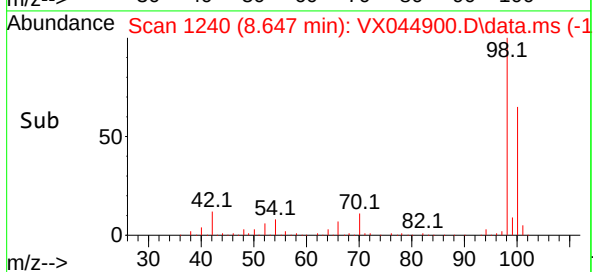
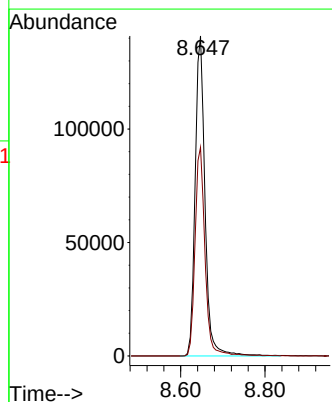
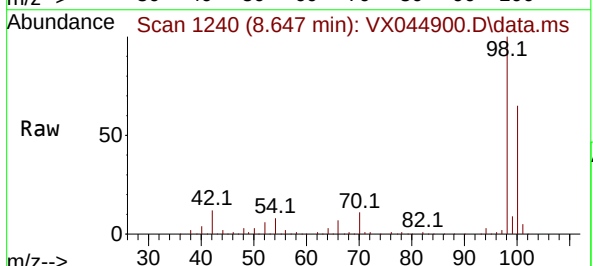
RT: 8.647 min Scan# 1240

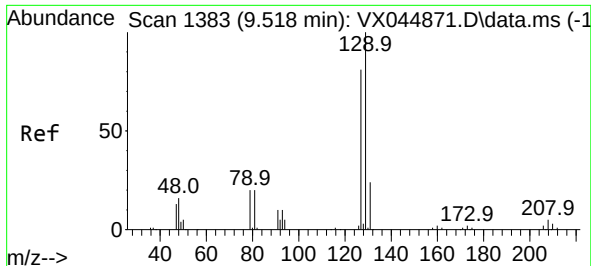
Delta R.T. 0.000 min

Lab File: VX044900.D

Acq: 11 Feb 2025 12:57

Tgt Ion: 98	Resp:	229287
Ion	Ratio	Lower Upper
98	100	
100	66.0	52.7 79.1

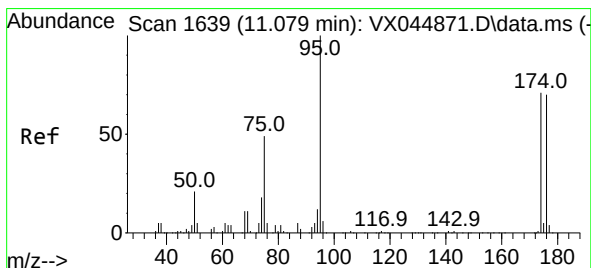
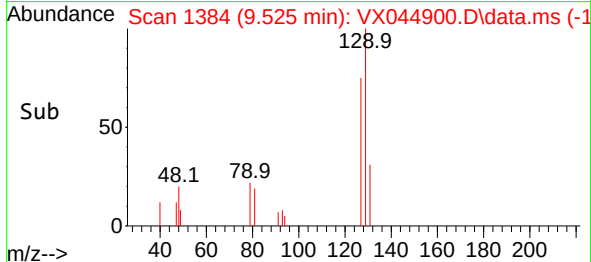
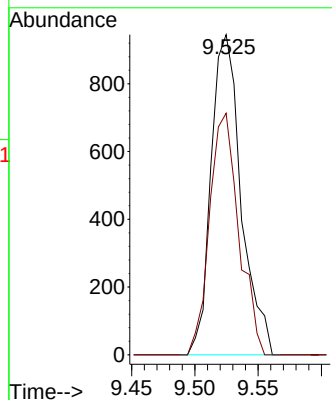
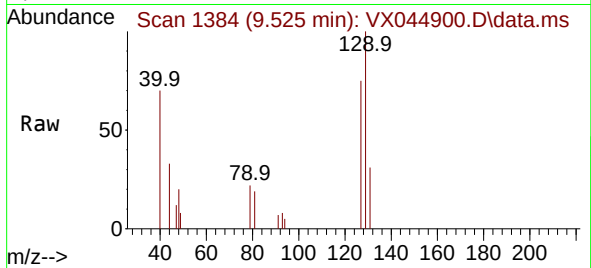




#60
Dibromochloromethane
Concen: 1.157 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

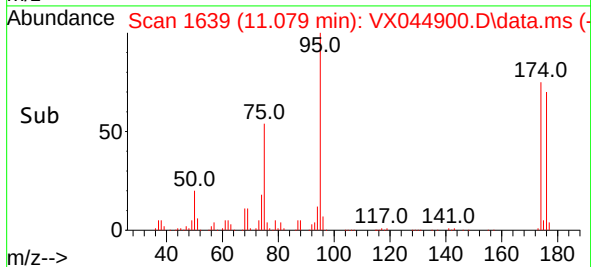
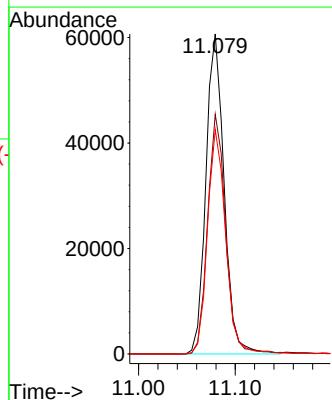
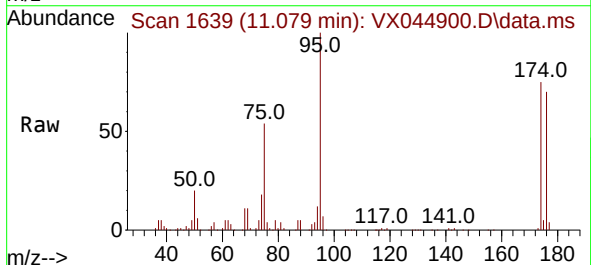
Instrument :
MSVOA_X
ClientSampleId :
VPB192-HYD-20250131

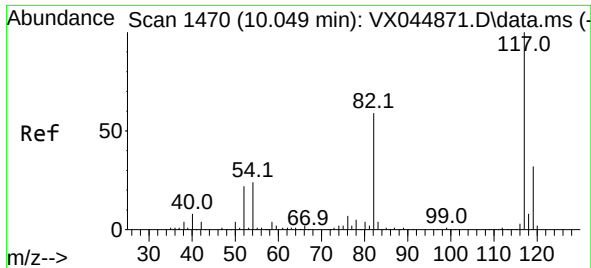
Tgt Ion:129 Resp: 1563
Ion Ratio Lower Upper
129 100
127 73.5 39.1 117.3



#62
4-Bromofluorobenzene
Concen: 51.016 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

Tgt Ion: 95 Resp: 79624
Ion Ratio Lower Upper
95 100
174 74.5 0.0 142.6
176 70.1 0.0 141.6

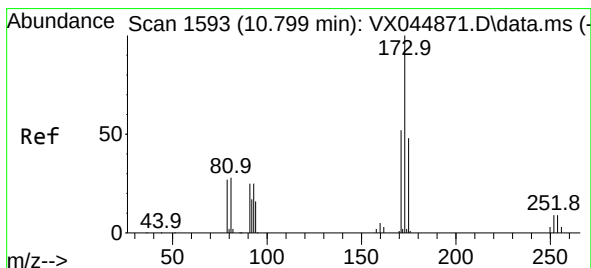
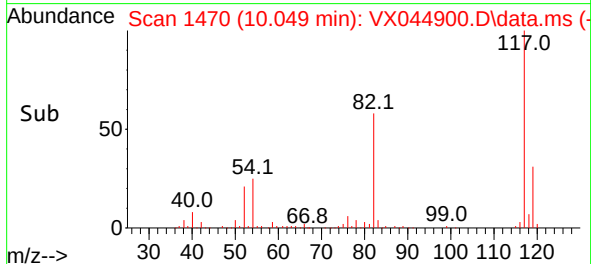
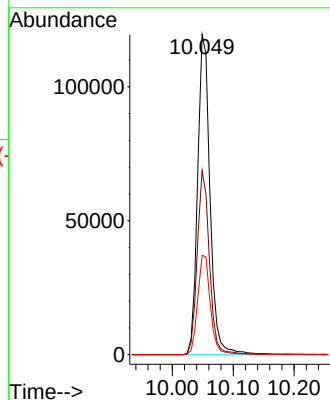
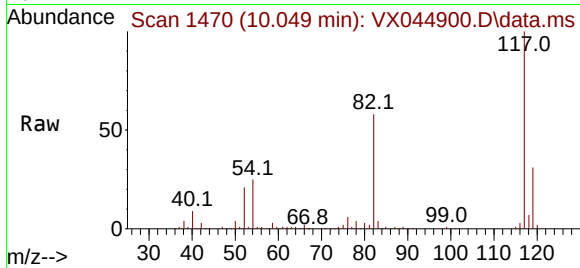




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

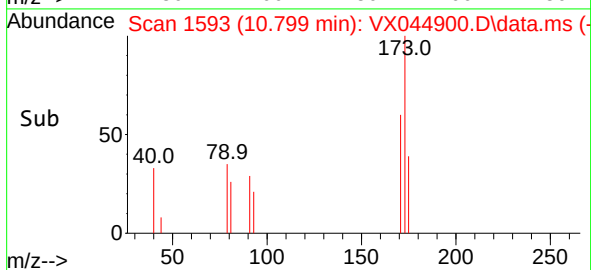
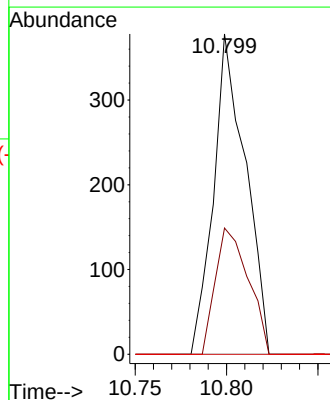
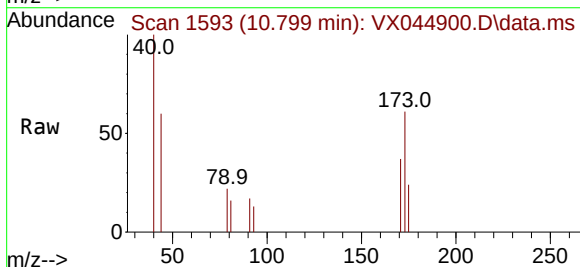
Instrument :
MSVOA_X
ClientSampleId :
VPB192-HYD-20250131

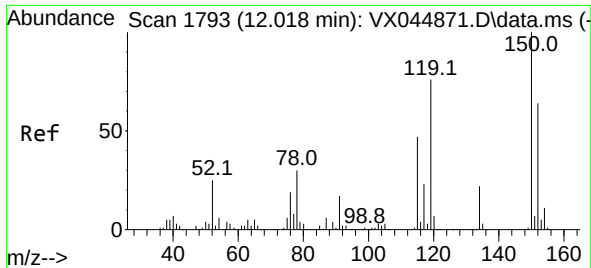
Tgt Ion:117 Resp: 169014
Ion Ratio Lower Upper
117 100
82 57.5 47.5 71.3
119 31.0 25.4 38.0



#71
Bromoform
Concen: 0.526 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

Tgt Ion:173 Resp: 459
Ion Ratio Lower Upper
173 100
175 40.7 24.3 72.8
254 0.0 0.0 0.0

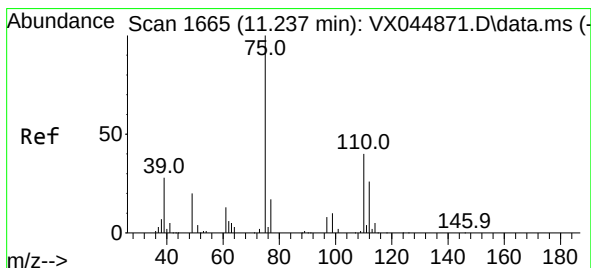
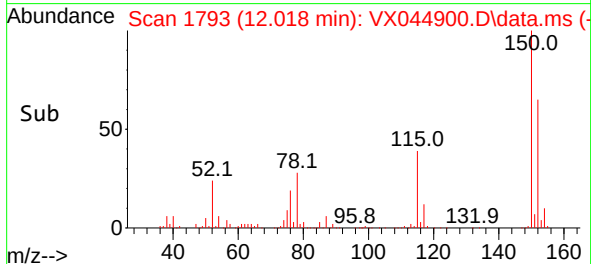
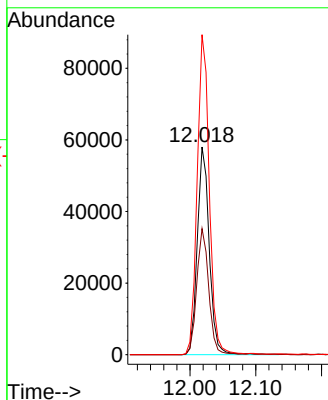
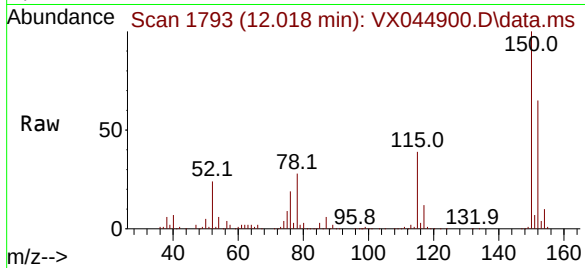




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044900.D
 Acq: 11 Feb 2025 12:57

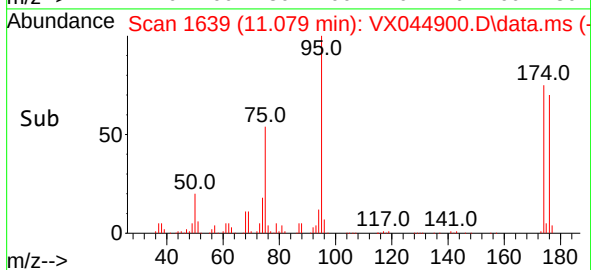
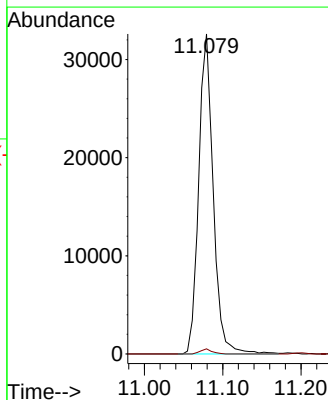
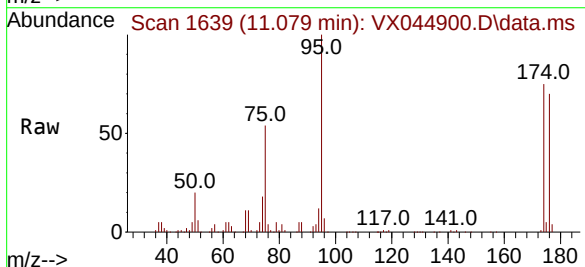
Instrument :
 MSVOA_X
 ClientSampleId :
 VPB192-HYD-20250131

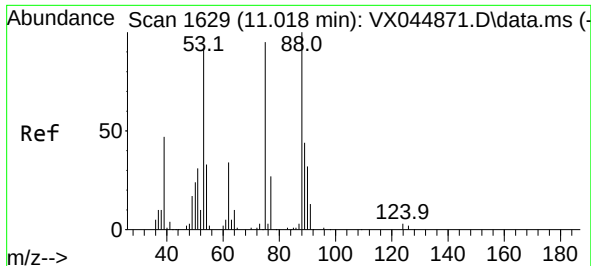
Tgt Ion:152 Resp: 73561
 Ion Ratio Lower Upper
 152 100
 115 60.7 43.4 130.1
 150 155.4 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 25.778 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044900.D
 Acq: 11 Feb 2025 12:57

Tgt Ion: 75 Resp: 42043
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.9 65.7#

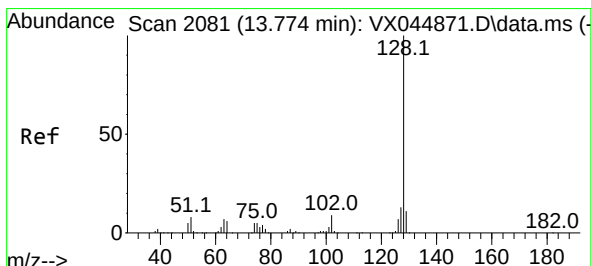
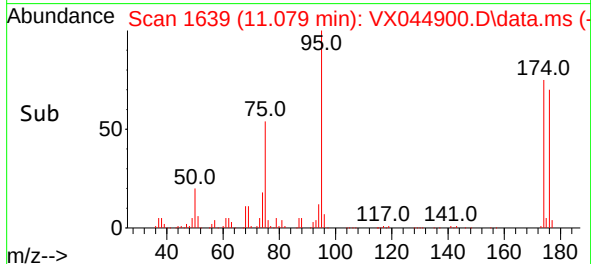
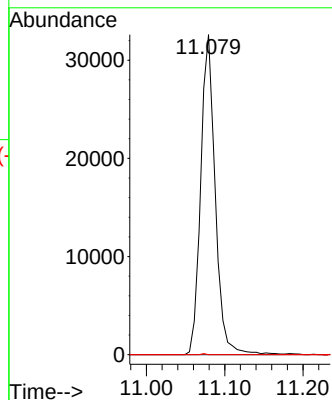
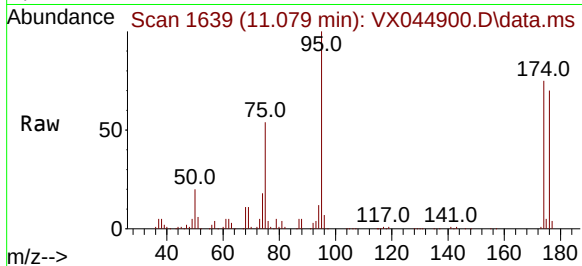




#81
trans-1,4-Dichloro-2-butene
Concen: 66.311 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

Instrument :
MSVOA_X
ClientSampleId :
VPB192-HYD-20250131

Tgt Ion: 75 Resp: 42043
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 36.6 54.8#



#95
Naphthalene
Concen: 0.250 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.019 min
Lab File: VX044900.D
Acq: 11 Feb 2025 12:57

Tgt Ion: 128 Resp: 1326
Ion Ratio Lower Upper
128 100
127 8.0 10.1 15.1#
129 4.1 8.9 13.3#

