

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112624\
 Data File : VX044015.D
 Acq On : 26 Nov 2024 14:27
 Operator : JC/MD
 Sample : P5003-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-10A-HYD-20241125

Quant Time: Nov 27 00:53:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

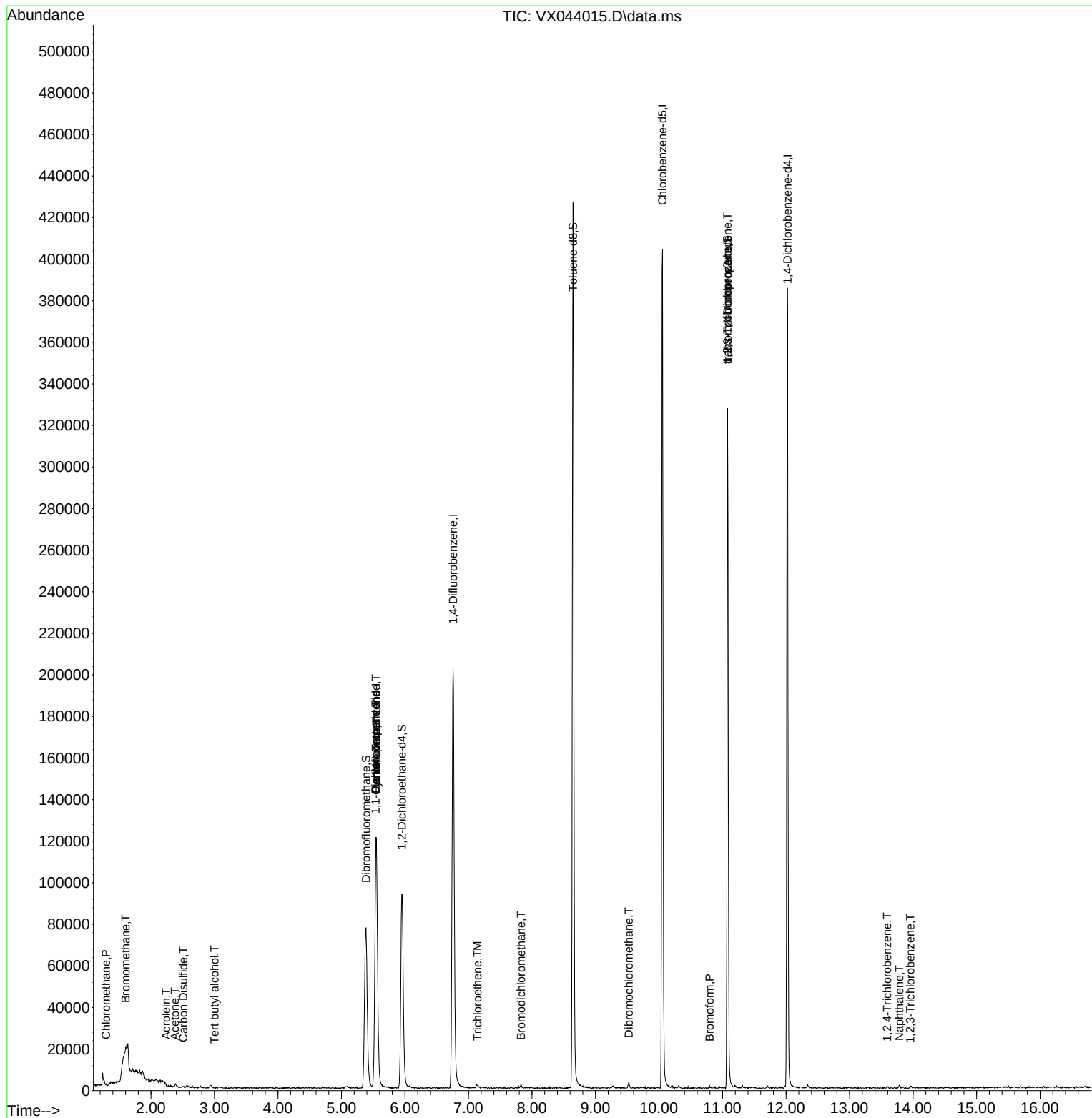
Internal Standards						
1) Pentafluorobenzene	5.544	168	106926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202031	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92084	50.210	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.420%	
35) Dibromofluoromethane	5.385	113	68197	47.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.480%	
50) Toluene-d8	8.647	98	249740	50.186	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	11.079	95	83026	49.024	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	444	0.311	ug/l #	82
5) Bromomethane	1.599	94	404	0.433	ug/l #	55
11) Tert butyl alcohol	3.001	59	63	0.214	ug/l #	73
13) Acrolein	2.239	56	90	0.290	ug/l #	1
16) Acetone	2.380	43	1596	1.895	ug/l	92
17) Carbon Disulfide	2.508	76	756	0.297	ug/l #	76
31) Cyclohexane	5.550	56	3226	1.578	ug/l #	19
36) 1,1-Dichloropropene	5.538	75	9603	5.338	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12899	6.381	ug/l #	16
44) Trichloroethene	7.141	130	703	0.443	ug/l	51
47) Bromodichloromethane	7.830	83	1087	0.558	ug/l #	82
60) Dibromochloromethane	9.525	129	1062	0.765	ug/l	87
71) Bromoform	10.799	173	304	1.527	ug/l #	96
76) 1,2,3-Trichloropropane	11.079	75	48005	28.679	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	48005	78.259	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	334	0.220	ug/l	86
95) Naphthalene	13.786	128	1691	0.310	ug/l #	87
96) 1,2,3-Trichlorobenzene	13.957	180	453	0.295	ug/l #	72

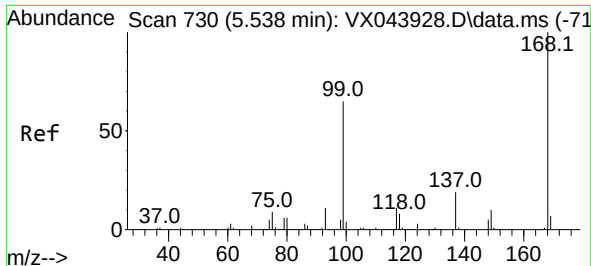
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
RW-10A-HYD-20241125

Quant Time: Nov 27 00:53:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

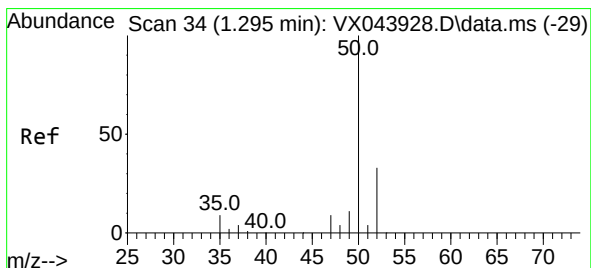
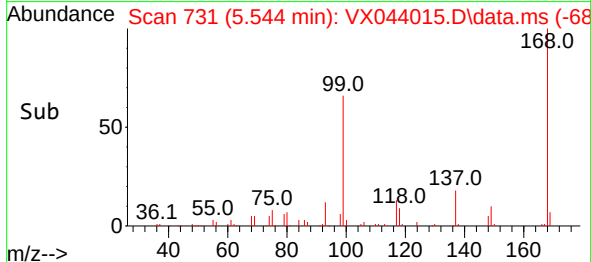
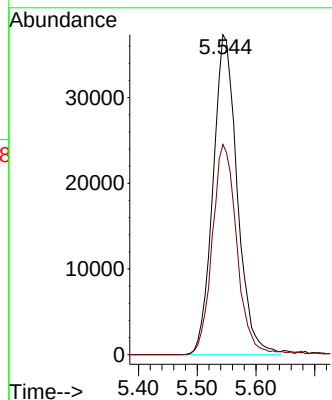
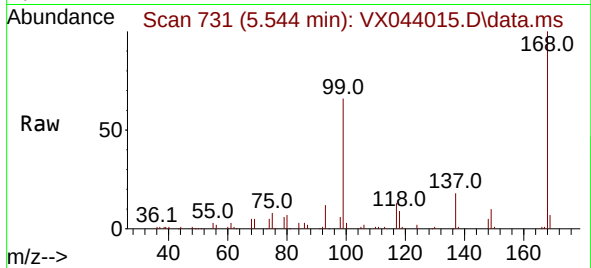




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

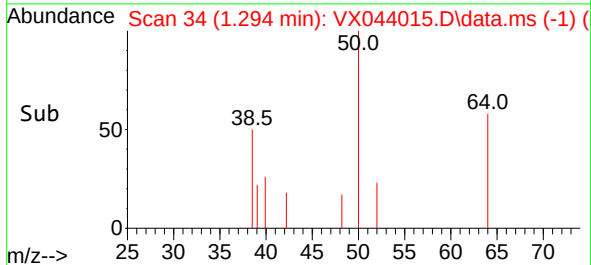
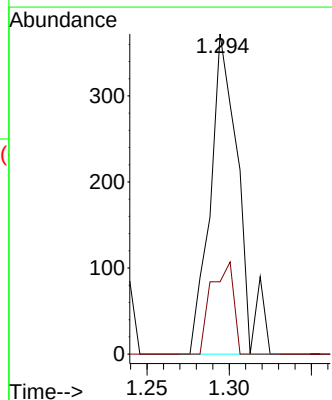
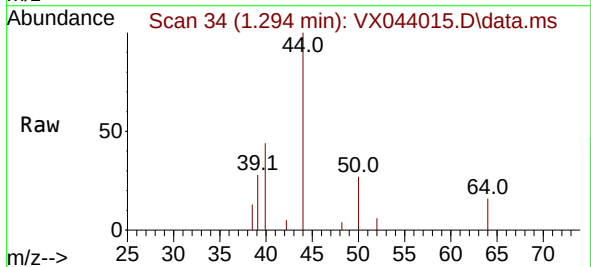
Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241125

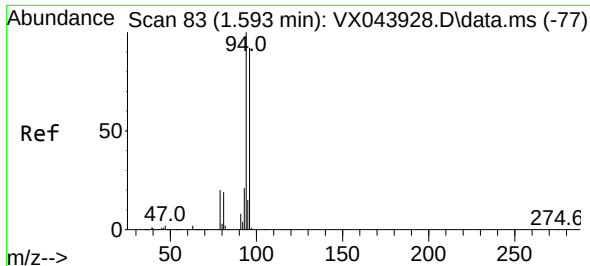
Tgt Ion:168 Resp: 106926
Ion Ratio Lower Upper
168 100
99 65.7 51.8 77.8



#3
Chloromethane
Concen: 0.311 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

Tgt Ion: 50 Resp: 444
Ion Ratio Lower Upper
50 100
52 22.6 26.1 39.1#

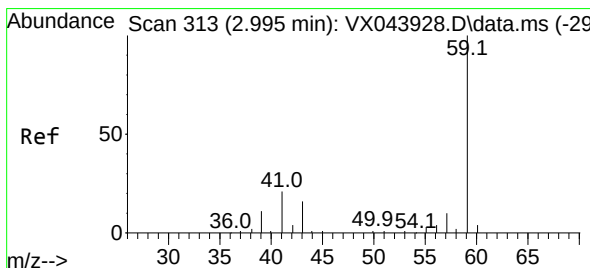
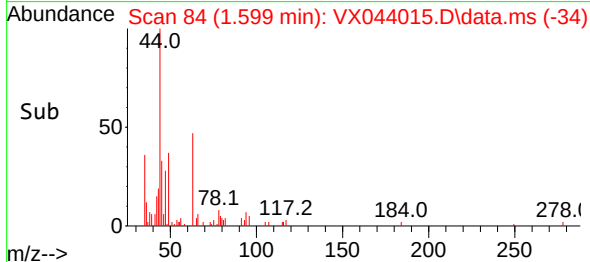
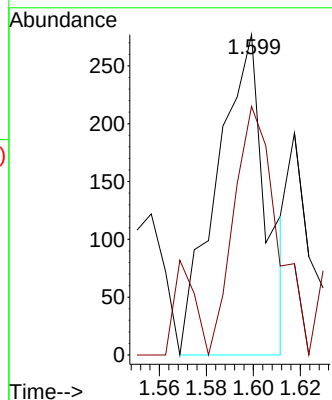
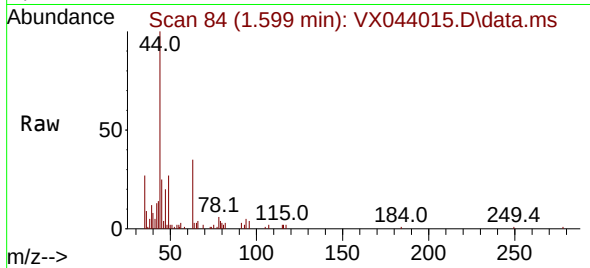




#5
Bromomethane
Concen: 0.433 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

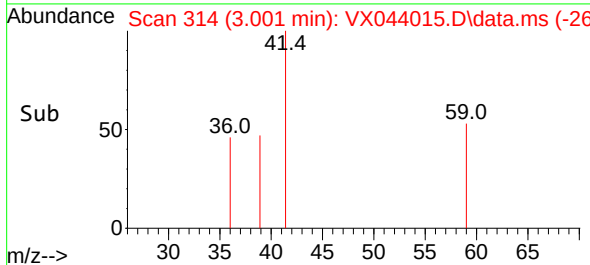
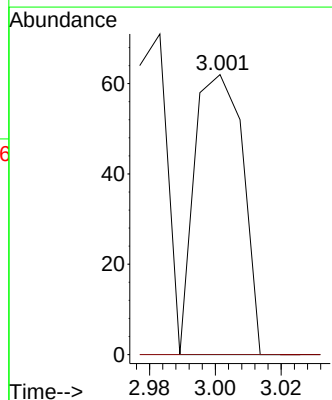
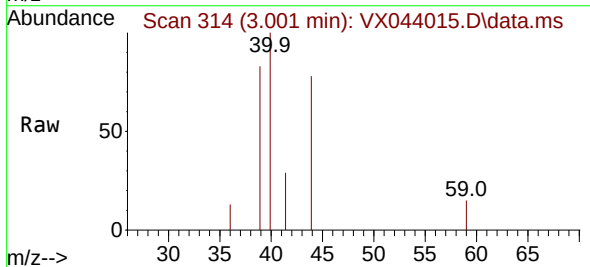
Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241125

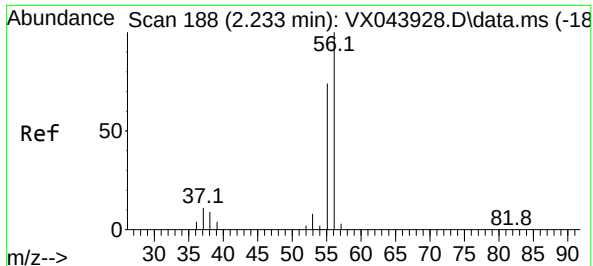
Tgt Ion: 94 Resp: 404
Ion Ratio Lower Upper
94 100
96 49.8 73.9 110.9#



#11
Tert butyl alcohol
Concen: 0.214 ug/l
RT: 3.001 min Scan# 314
Delta R.T. 0.006 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

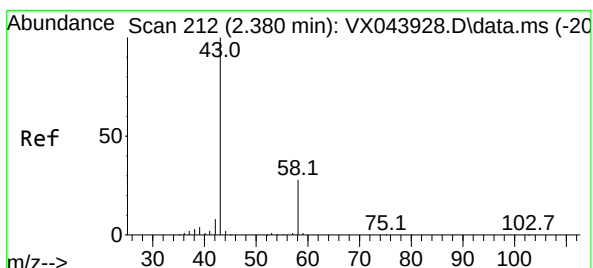
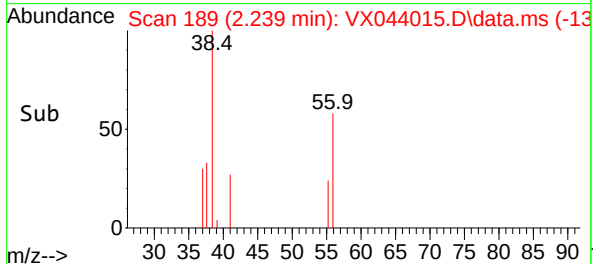
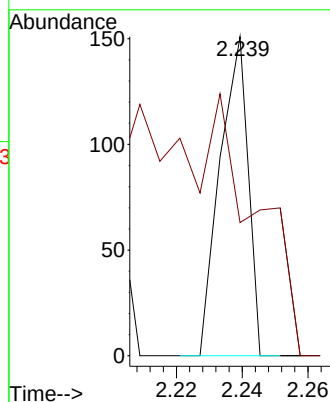
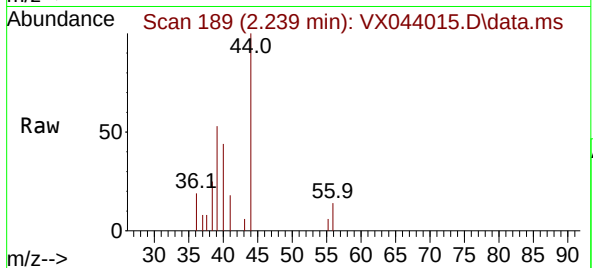




#13
Acrolein
Concen: 0.290 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

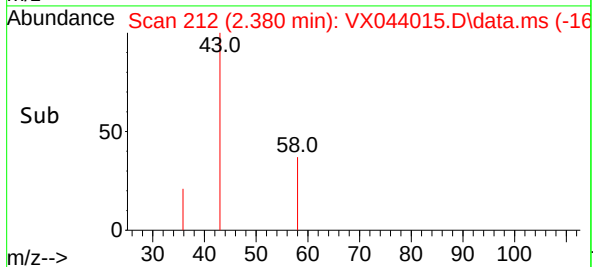
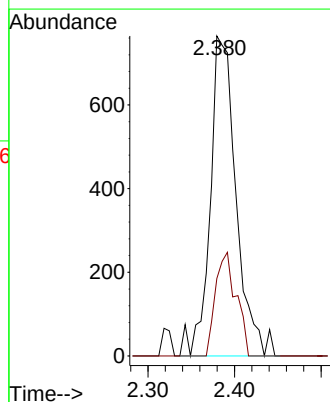
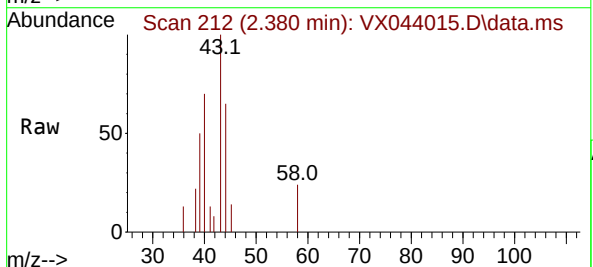
Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241125

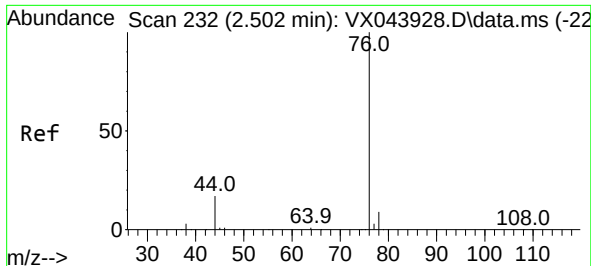
Tgt Ion: 56 Resp: 90
Ion Ratio Lower Upper
56 100
55 354.4 58.2 87.2#



#16
Acetone
Concen: 1.895 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
58 24.2 22.7 34.1

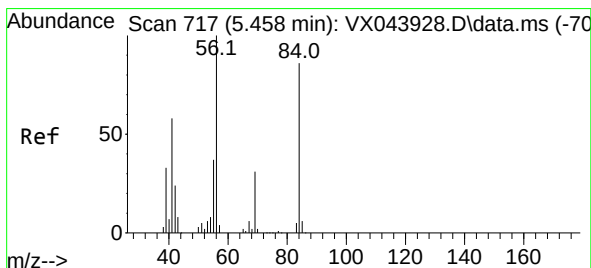
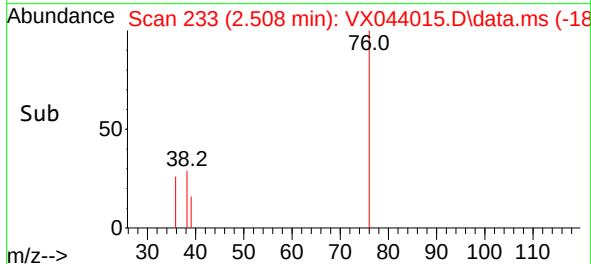
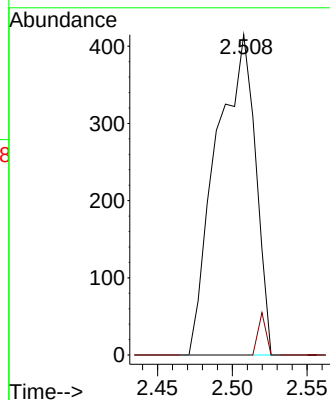
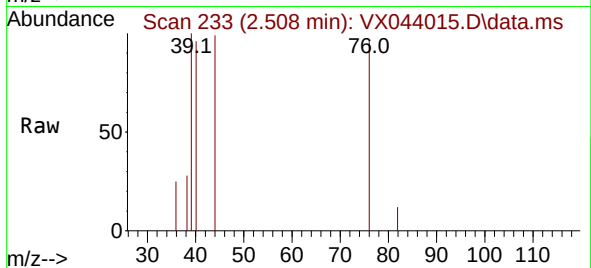




#17
Carbon Disulfide
Concen: 0.297 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

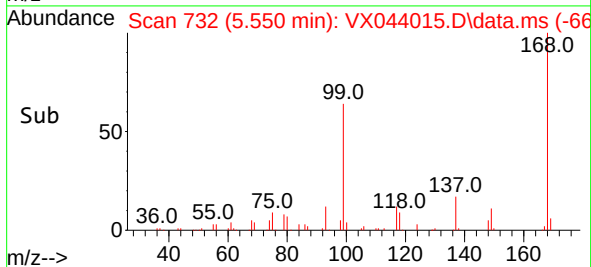
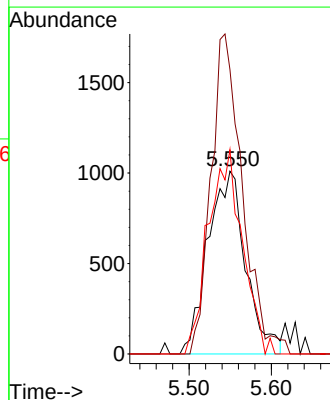
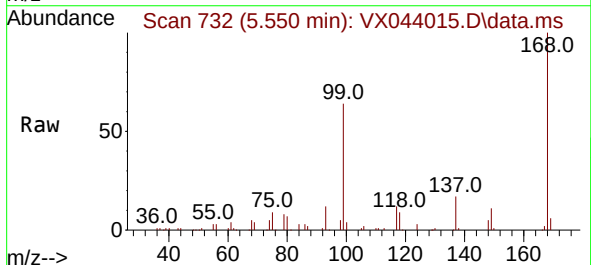
Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241125

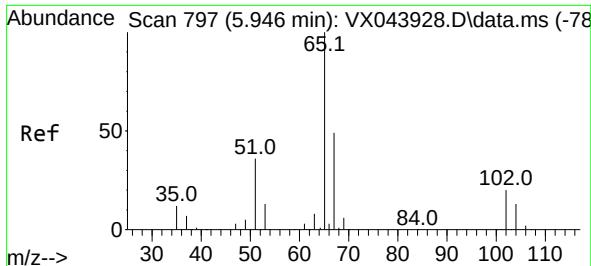
Tgt Ion: 76 Resp: 756
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#31
Cyclohexane
Concen: 1.578 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.091 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

Tgt Ion: 56 Resp: 3226
Ion Ratio Lower Upper
56 100
69 155.6 24.7 37.1#
84 111.9 68.7 103.1#

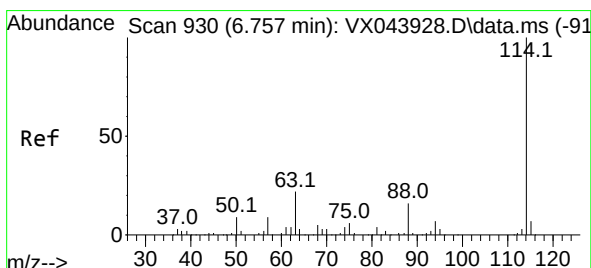
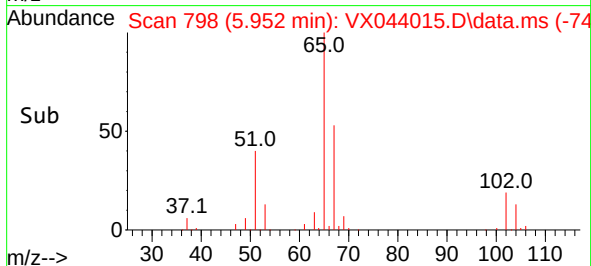
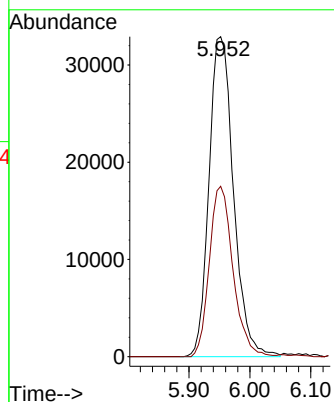
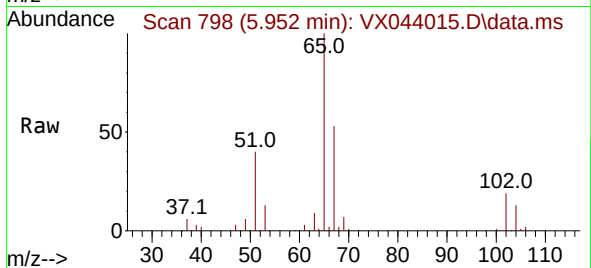




#33
1,2-Dichloroethane-d4
Concen: 50.210 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

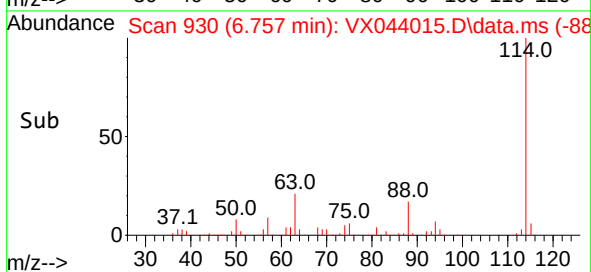
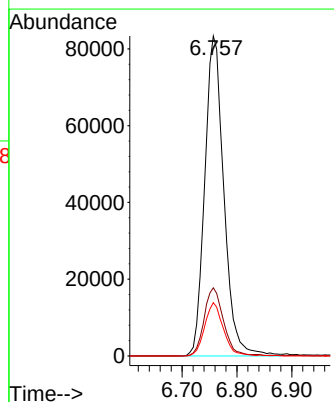
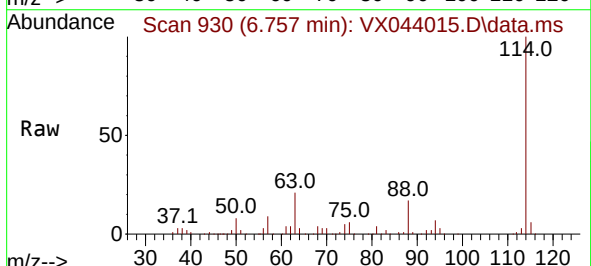
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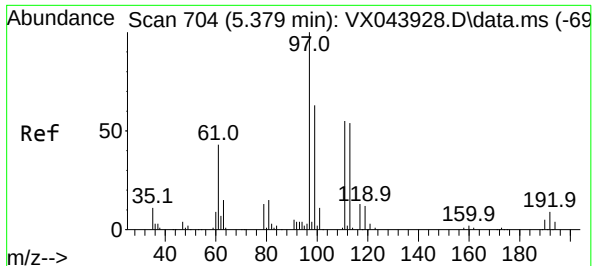
Tgt Ion: 65 Resp: 92084
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

Tgt Ion: 114 Resp: 202031
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.0
88 16.6 0.0 32.4

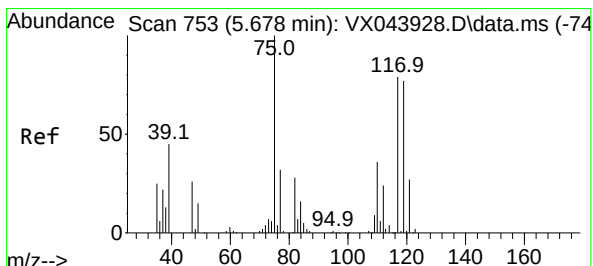
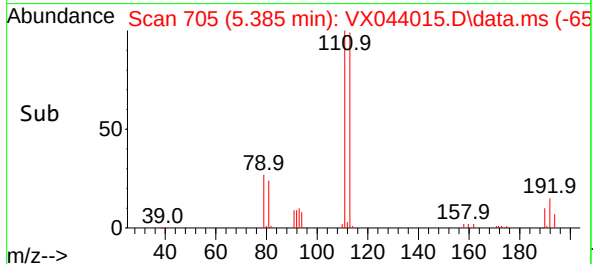
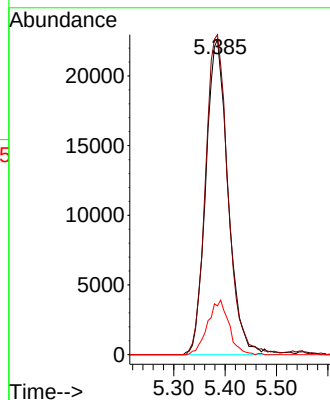
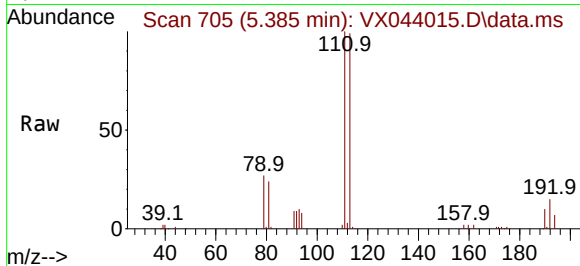




#35
 Dibromofluoromethane
 Concen: 47.240 ug/l
 RT: 5.385 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: VX044015.D
 Acq: 26 Nov 2024 14:27

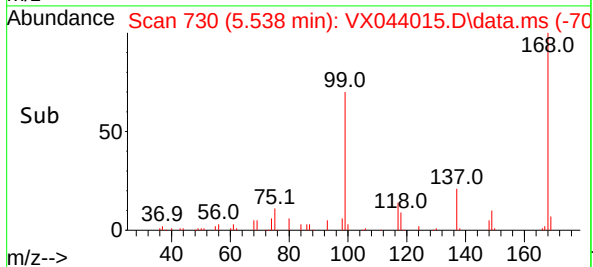
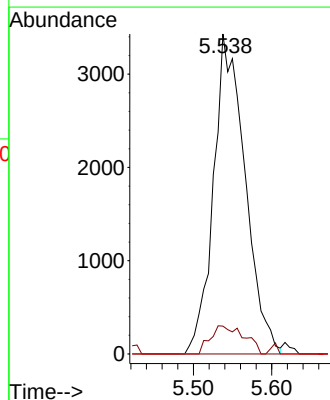
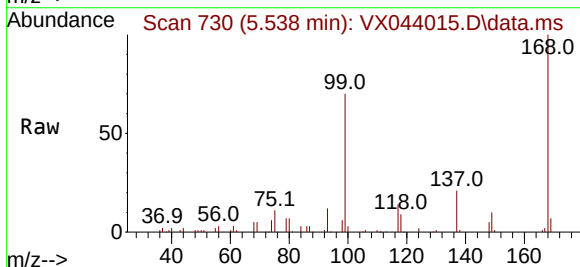
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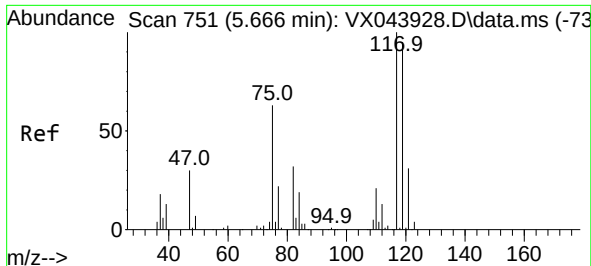
Tgt Ion:113 Resp: 68197
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.0 121.4
 192 16.5 13.0 19.6



#36
 1,1-Dichloropropene
 Concen: 5.338 ug/l
 RT: 5.538 min Scan# 730
 Delta R.T. -0.140 min
 Lab File: VX044015.D
 Acq: 26 Nov 2024 14:27

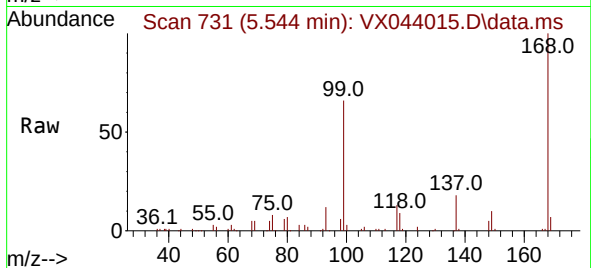
Tgt Ion: 75 Resp: 9603
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.4 52.2#
 77 0.0 25.8 38.8#



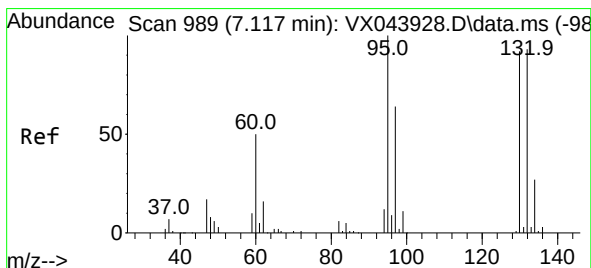
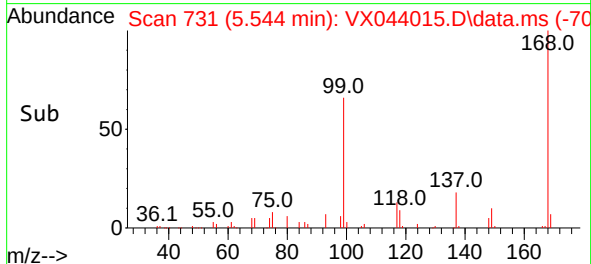
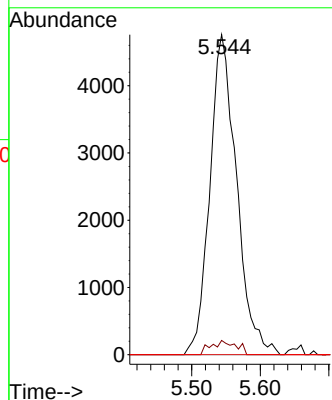


#38
Carbon Tetrachloride
Concen: 6.381 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

Instrument :
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ClientSampleId :
RW-10A-HYD-20241125

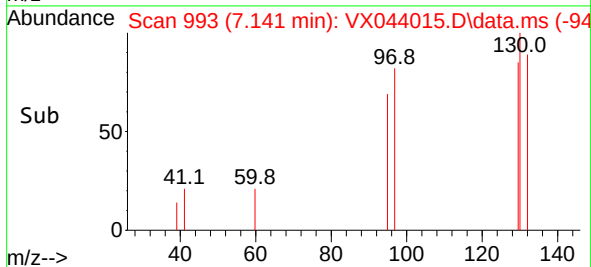
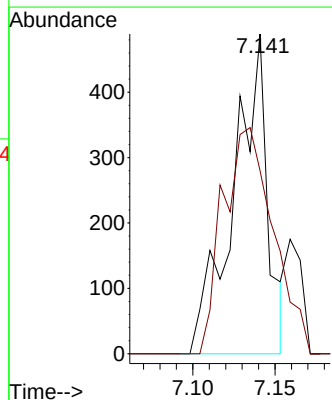
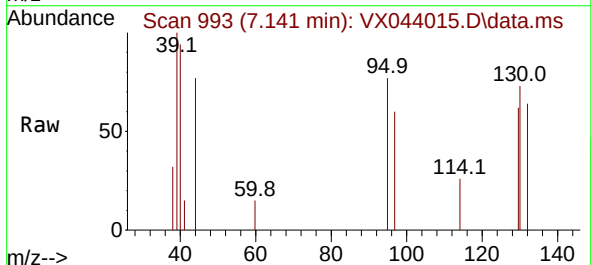


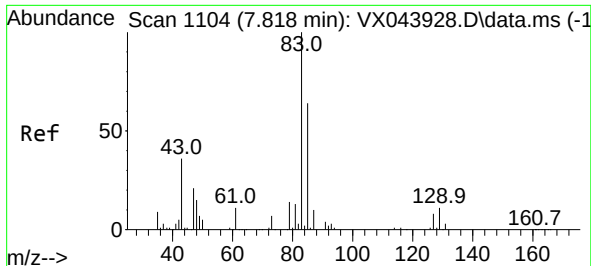
Tgt Ion:117 Resp: 12899
Ion Ratio Lower Upper
117 100
119 4.4 75.2 112.8#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 0.443 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.024 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

Tgt Ion:130 Resp: 703
Ion Ratio Lower Upper
130 100
95 57.3 0.0 217.8

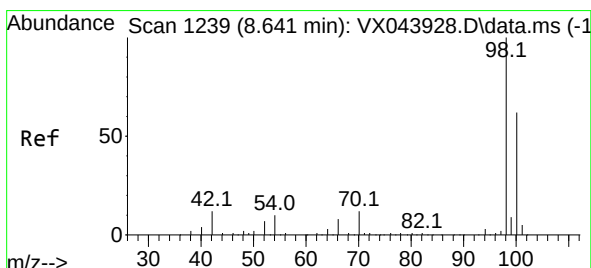
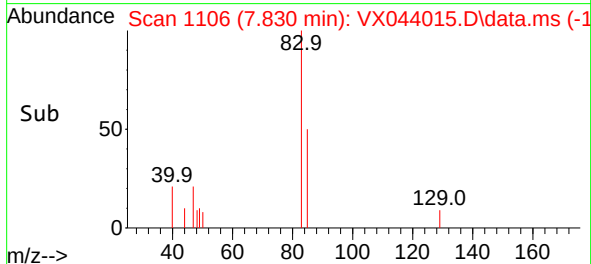
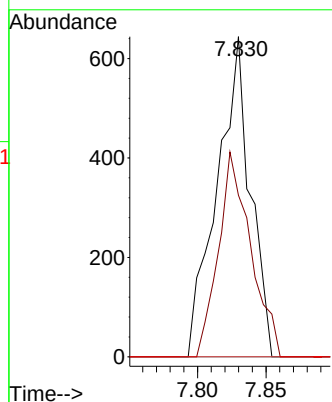
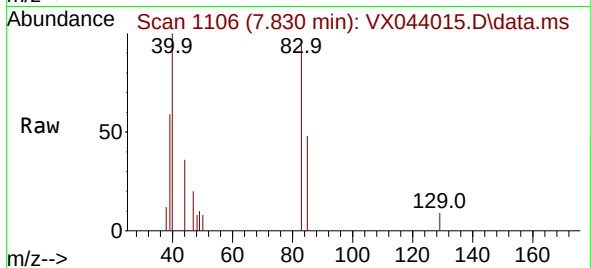




#47
Bromodichloromethane
Concen: 0.558 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

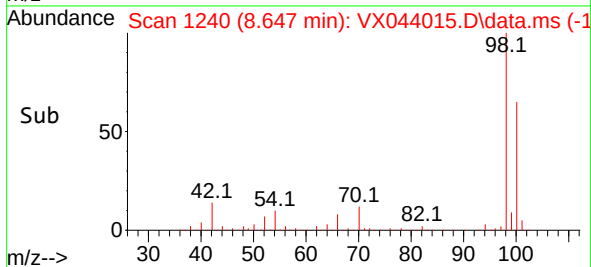
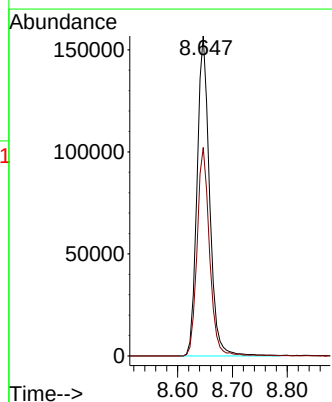
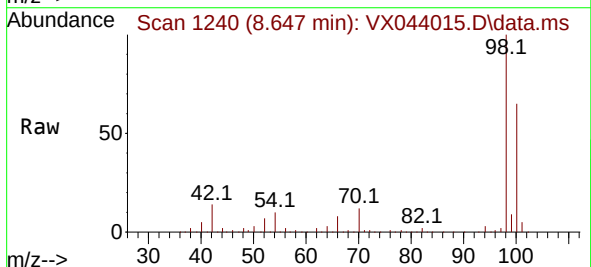
Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241125

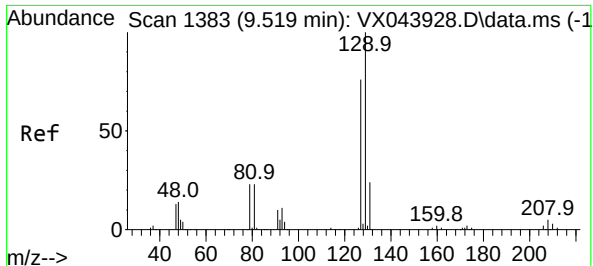
Tgt Ion: 83 Resp: 1087
Ion Ratio Lower Upper
83 100
85 50.5 51.4 77.0#
127 0.0 6.6 10.0#



#50
Toluene-d8
Concen: 50.186 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

Tgt Ion: 98 Resp: 249740
Ion Ratio Lower Upper
98 100
100 64.7 52.6 79.0

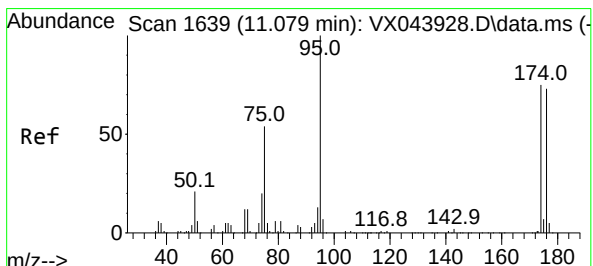
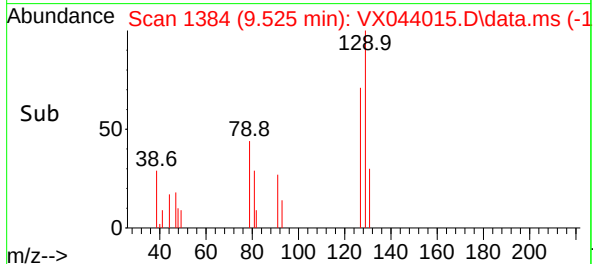
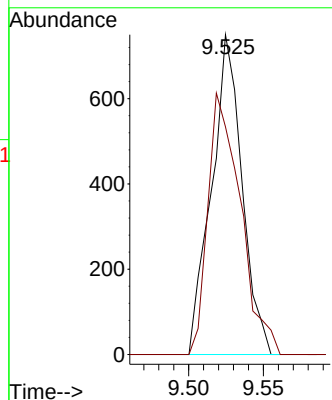
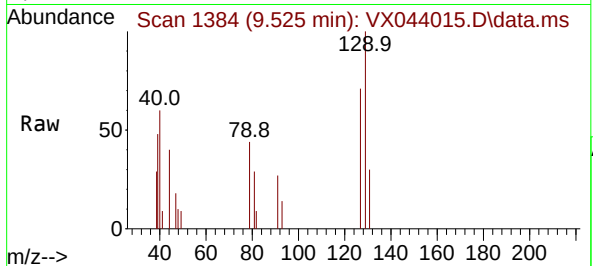




#60
Dibromochloromethane
Concen: 0.765 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

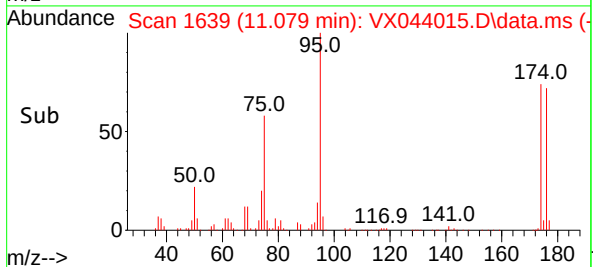
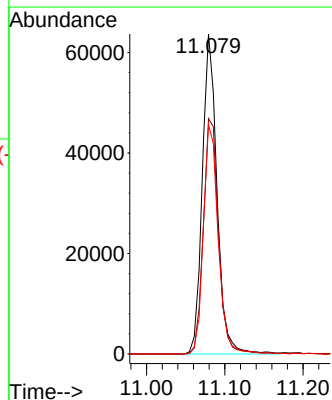
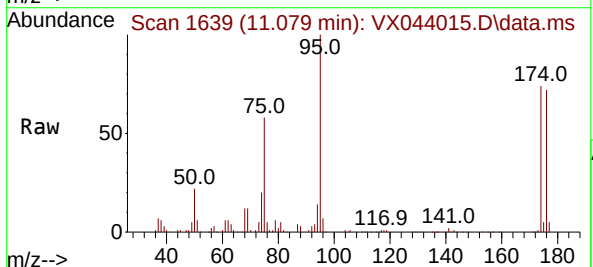
Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241125

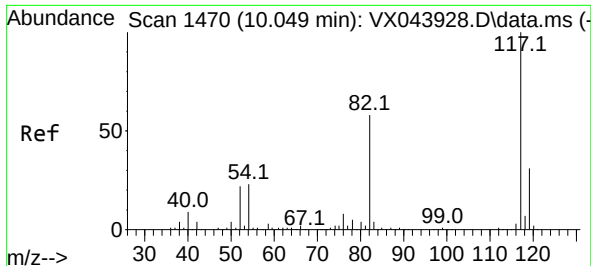
Tgt Ion:129 Resp: 1062
Ion Ratio Lower Upper
129 100
127 87.4 38.2 114.6



#62
4-Bromofluorobenzene
Concen: 49.024 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

Tgt Ion: 95 Resp: 83026
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.4
176 72.5 0.0 146.0

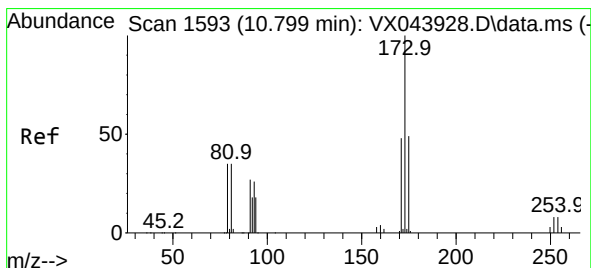
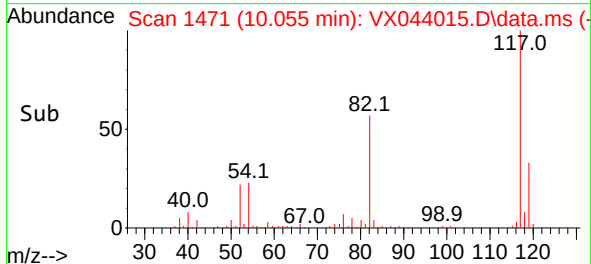
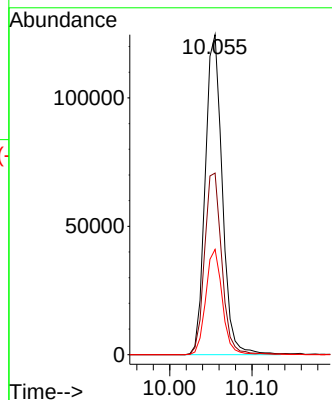
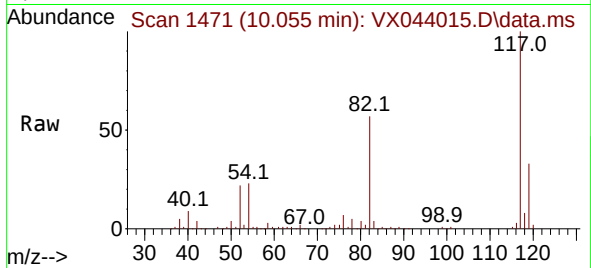




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

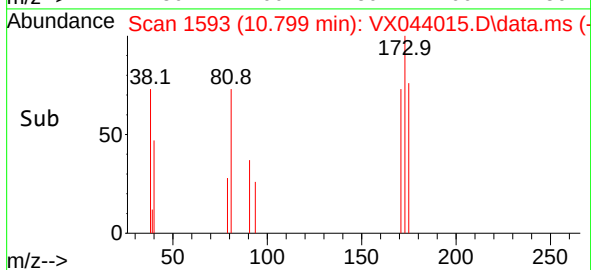
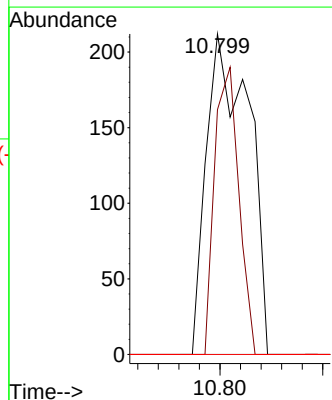
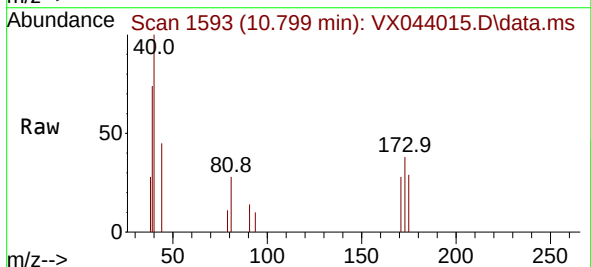
Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241125

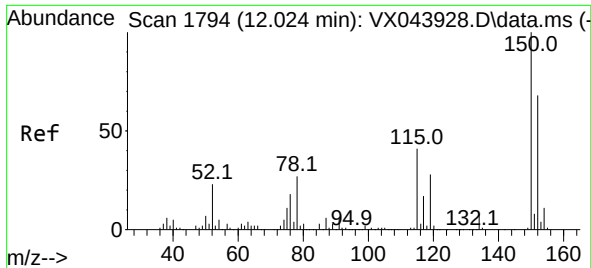
Tgt Ion:117 Resp: 179566
Ion Ratio Lower Upper
117 100
82 56.7 46.4 69.6
119 32.9 24.6 37.0



#71
Bromoform
Concen: 1.527 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

Tgt Ion:173 Resp: 304
Ion Ratio Lower Upper
173 100
175 51.0 24.1 72.2
254 0.0 0.0 0.0

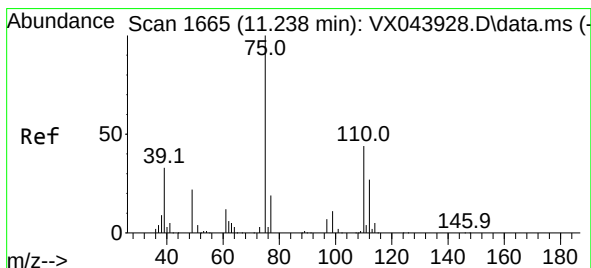
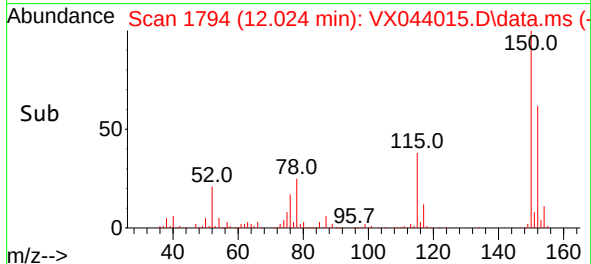
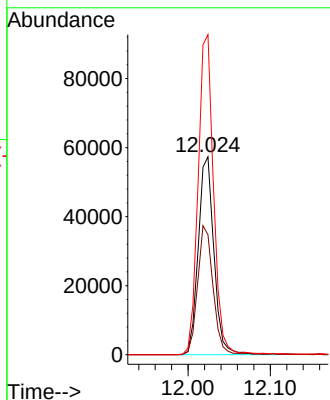
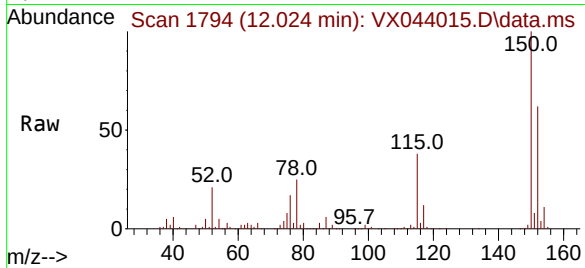




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX044015.D
 Acq: 26 Nov 2024 14:27

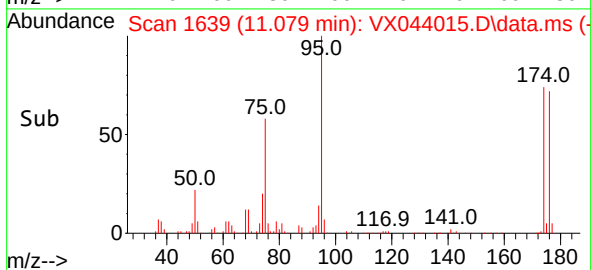
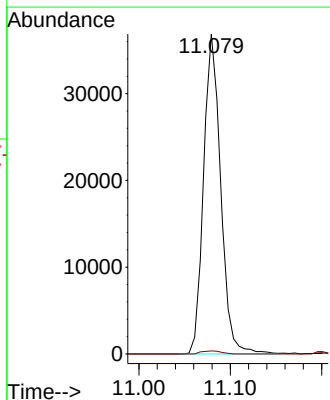
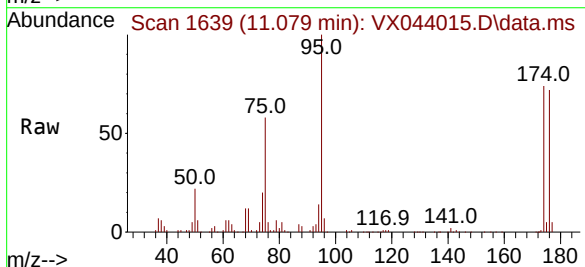
Instrument :
 MSVOA_X
 ClientSampleId :
 RW-10A-HYD-20241125

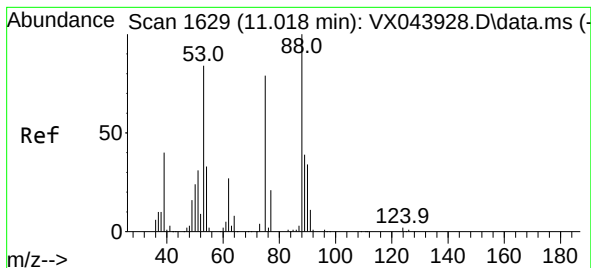
Tgt Ion:152 Resp: 76328
 Ion Ratio Lower Upper
 152 100
 115 64.2 45.4 136.2
 150 159.9 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 28.679 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX044015.D
 Acq: 26 Nov 2024 14:27

Tgt Ion: 75 Resp: 48005
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.8 65.3#

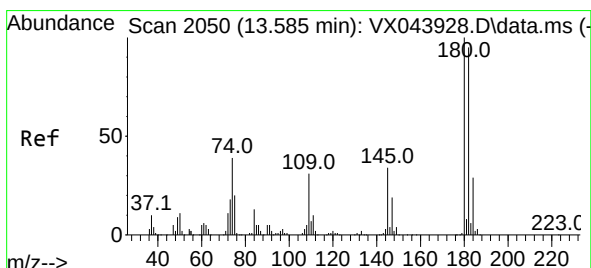
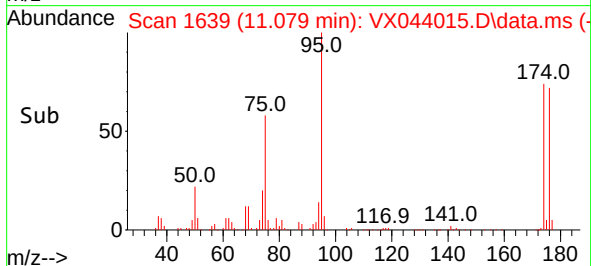
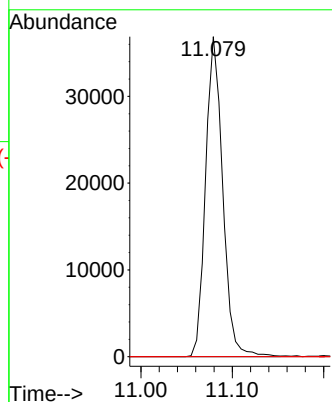
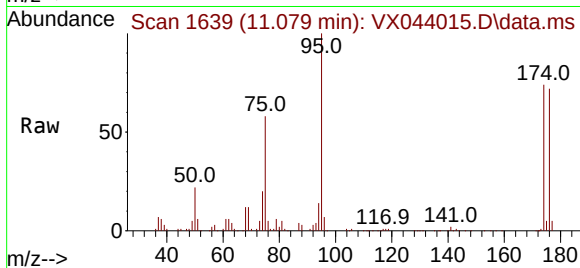




#81
trans-1,4-Dichloro-2-butene
Concen: 78.259 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

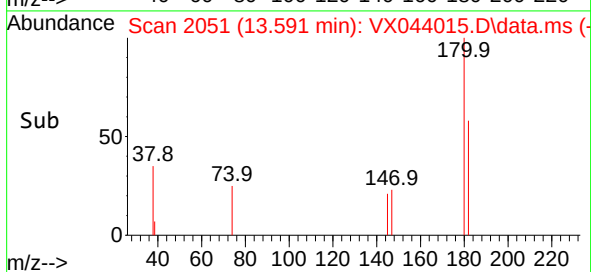
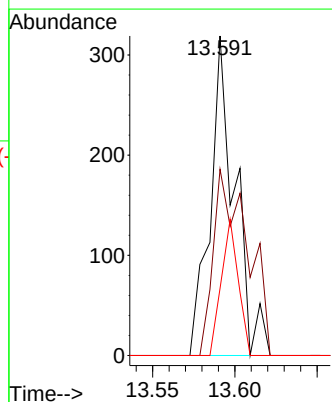
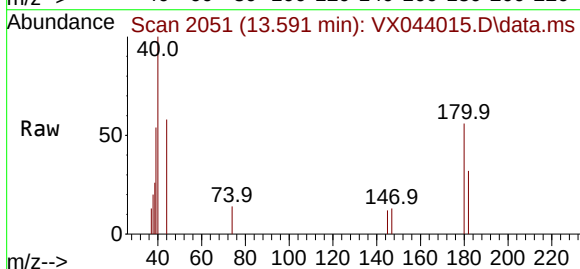
Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241125

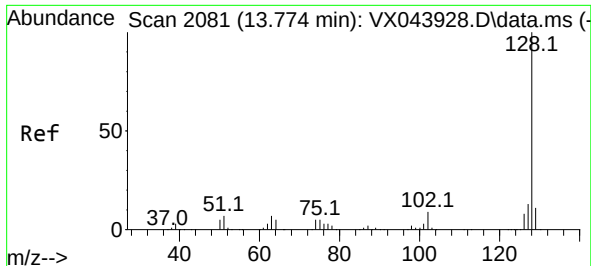
Tgt Ion: 75 Resp: 48005
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.220 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

Tgt Ion:180 Resp: 334
Ion Ratio Lower Upper
180 100
182 80.2 48.0 144.2
145 29.0 16.8 50.4

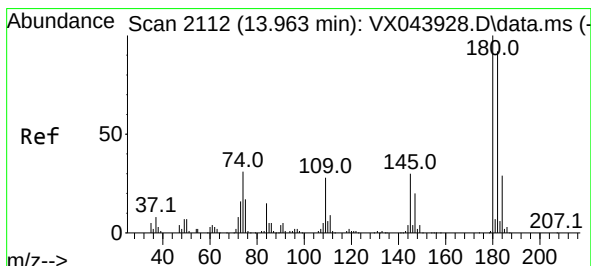
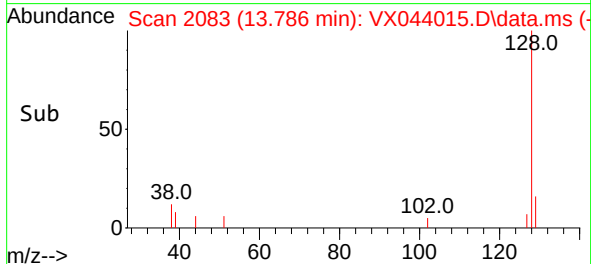
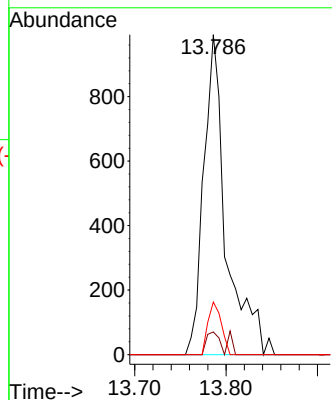
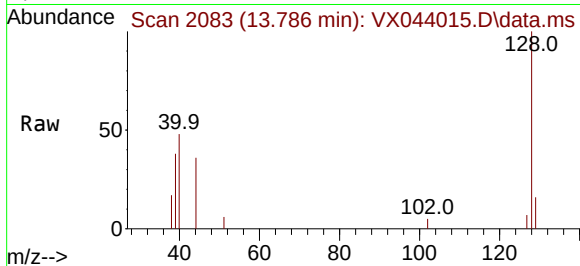




#95
Naphthalene
Concen: 0.310 ug/l
RT: 13.786 min Scan# 2081
Delta R.T. 0.012 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

Instrument :
MSVOA_X
ClientSampleId :
RW-10A-HYD-20241125

Tgt Ion:128 Resp: 1691
Ion Ratio Lower Upper
128 100
127 4.0 10.2 15.2#
129 9.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.295 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX044015.D
Acq: 26 Nov 2024 14:27

Tgt Ion:180 Resp: 453
Ion Ratio Lower Upper
180 100
182 67.5 45.6 136.8
145 11.5 16.4 49.4#

