

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034858.D
 Acq On : 30 Mar 2023 17:24
 Operator : JC/MD
 Sample : 02096-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Mar 31 01:34:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 11:02:25 2023
 Response via : Initial Calibration

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

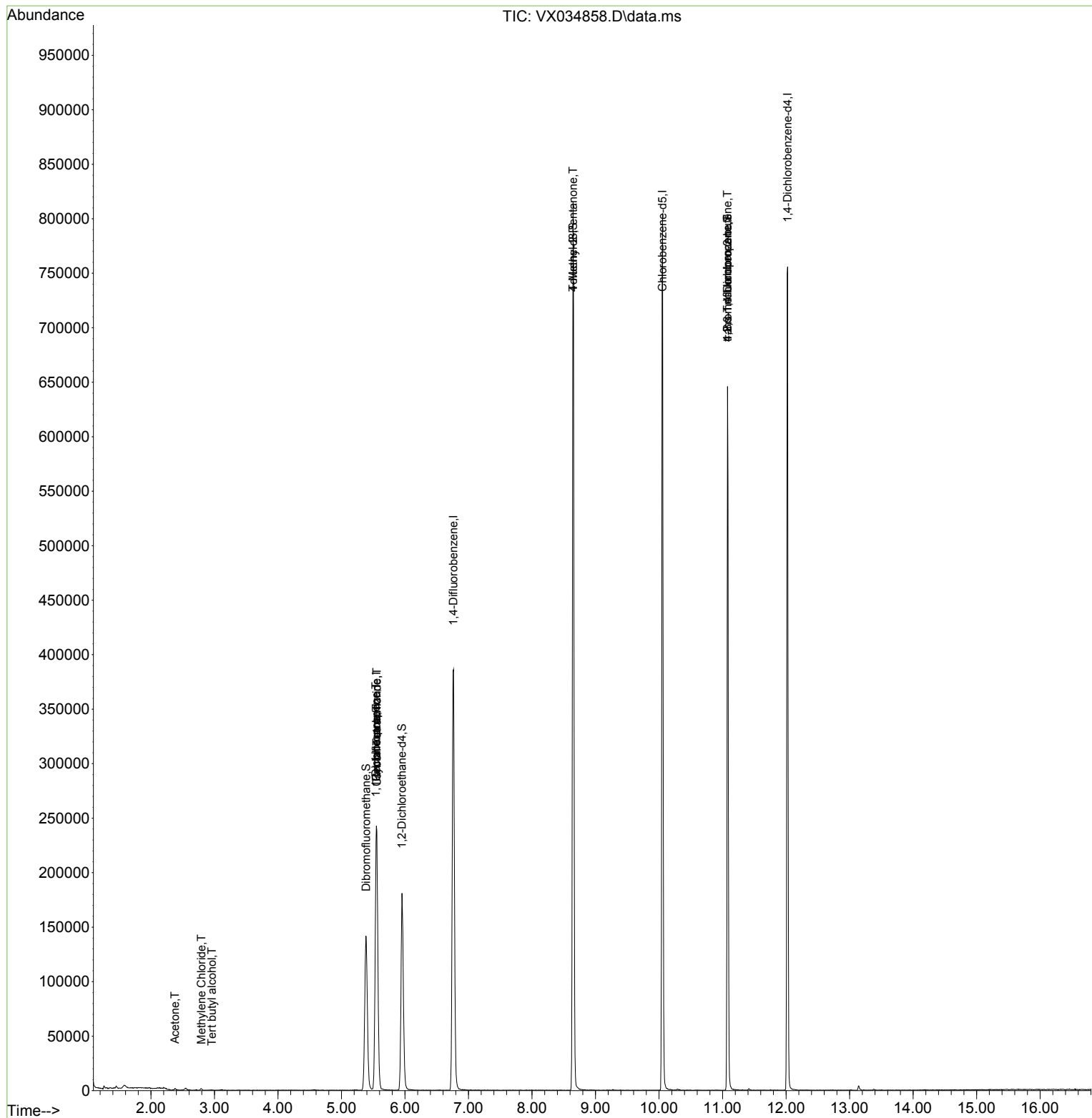
Internal Standards						
1) Pentafluorobenzene	5.550	168	224177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	386072	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163983	47.830	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.660%
35) Dibromofluoromethane	5.385	113	119839	46.930	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.860%
50) Toluene-d8	8.647	98	465271	49.364	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.720%
62) 4-Bromofluorobenzene	11.079	95	167621	45.957	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	246	0.411	ug/l #	73
16) Acetone	2.380	43	1172	0.845	ug/l #	77
20) Methylene Chloride	2.794	84	631	0.227	ug/l #	64
31) Cyclohexane	5.550	56	5431	1.301	ug/l #	25
36) 1,1-Dichloropropene	5.544	75	19309	5.121	ug/l #	50
38) Carbon Tetrachloride	5.556	117	23689	6.614	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2499	0.642	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	91820	29.475	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	91820	78.853	ug/l #	8

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

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
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MW-3

Quant Time: Mar 31 01:34:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 30 11:02:25 2023
Response via : Initial Calibration

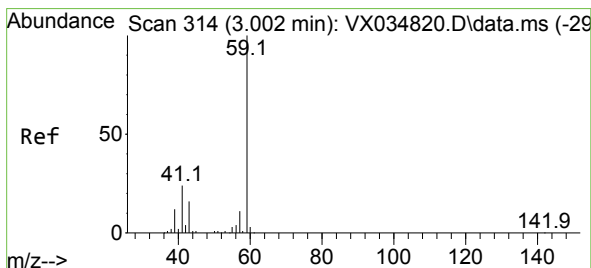
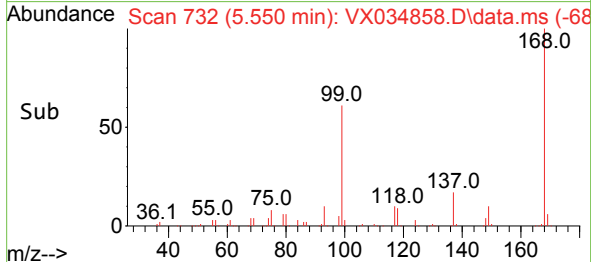
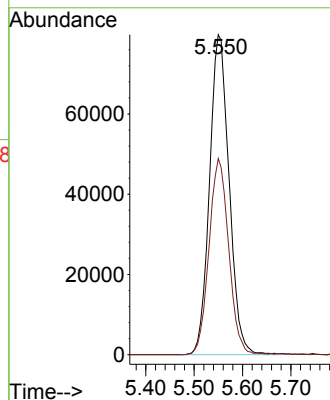
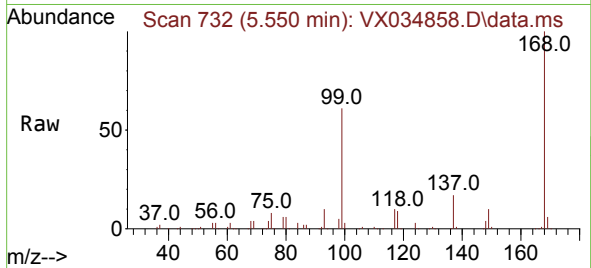




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

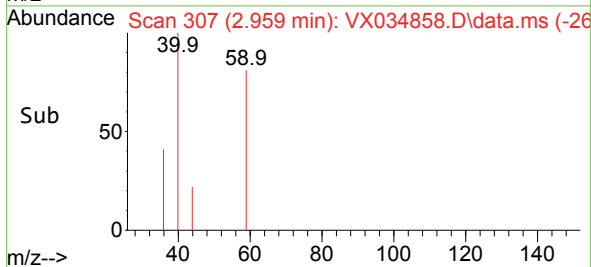
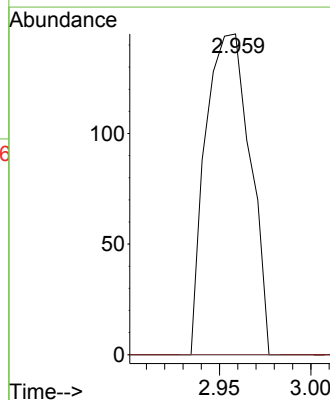
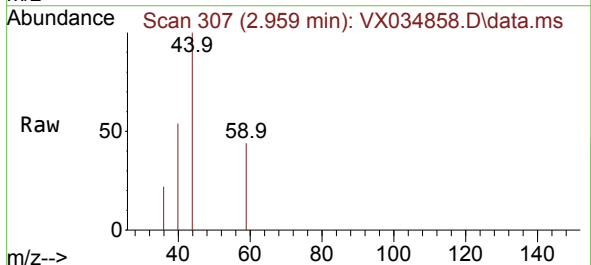
Instrument :
MSVOA_X
ClientSampleId :
MW-3

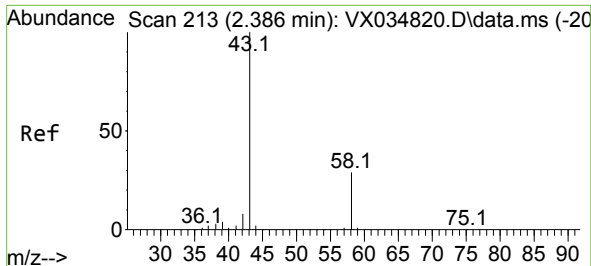
Tgt Ion:168 Resp: 224177
Ion Ratio Lower Upper
168 100
99 61.3 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.411 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.043 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

Tgt Ion: 59 Resp: 246
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

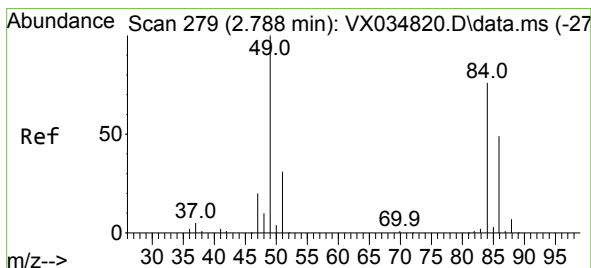
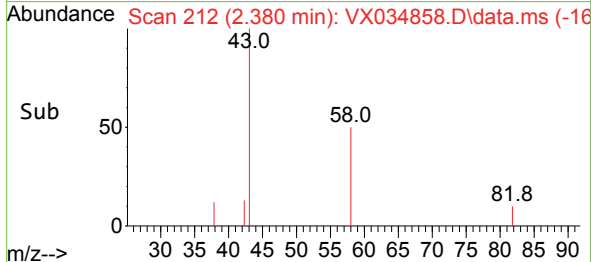
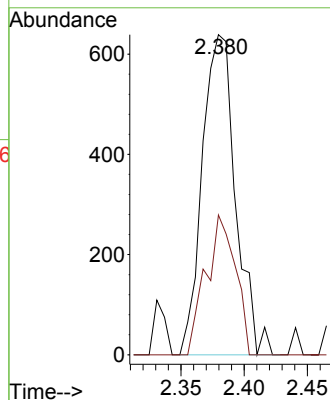
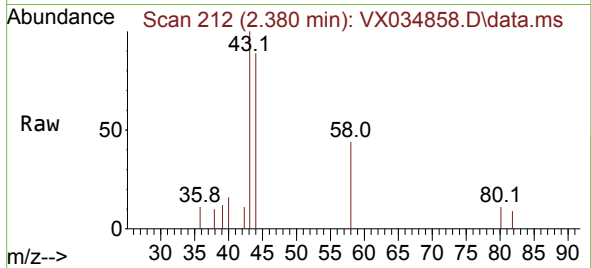




#16
Acetone
Concen: 0.845 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

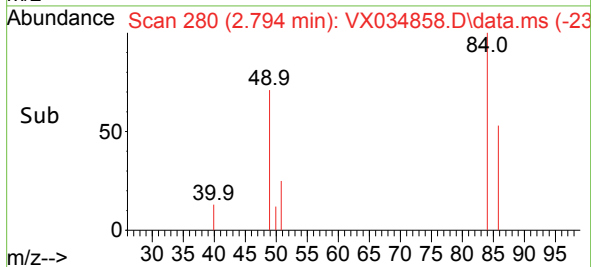
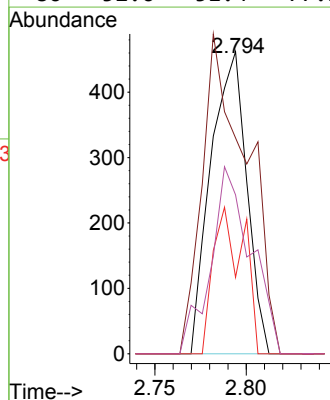
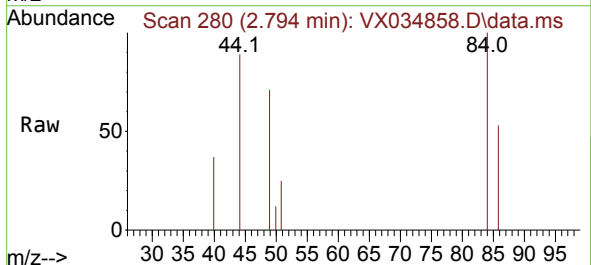
Instrument :
MSVOA_X
ClientSampleId :
MW-3

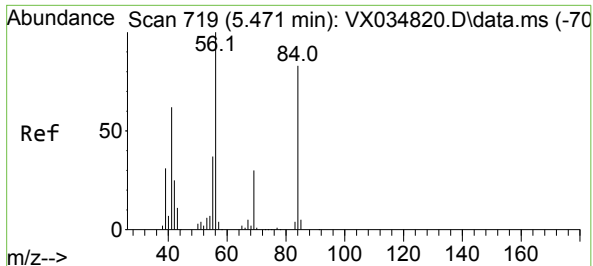
Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
58 43.7 24.7 37.1#



#20
Methylene Chloride
Concen: 0.227 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

Tgt Ion: 84 Resp: 631
Ion Ratio Lower Upper
84 100
49 71.4 103.8 155.8#
51 25.3 31.8 47.8#
86 52.6 51.4 77.2

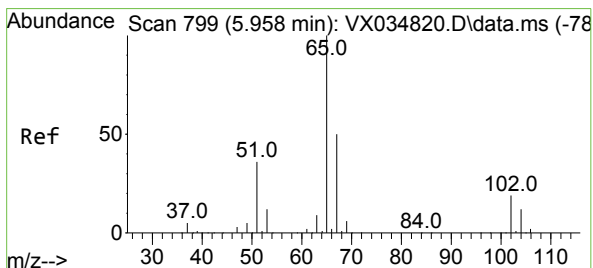
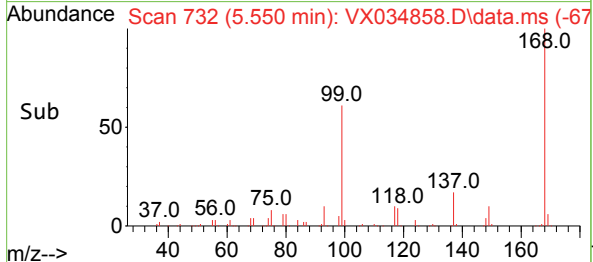
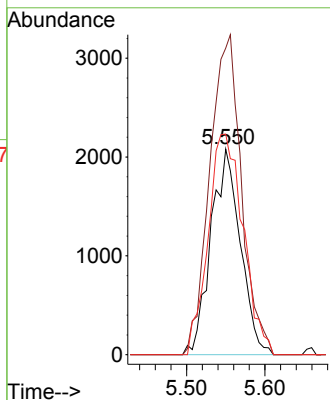
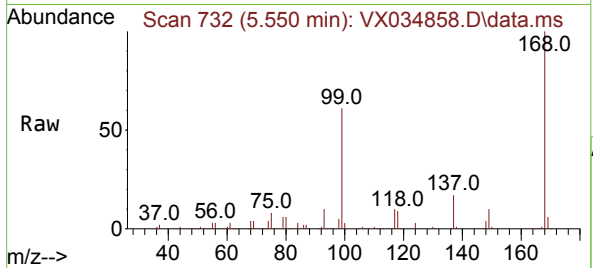




#31
Cyclohexane
Concen: 1.301 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

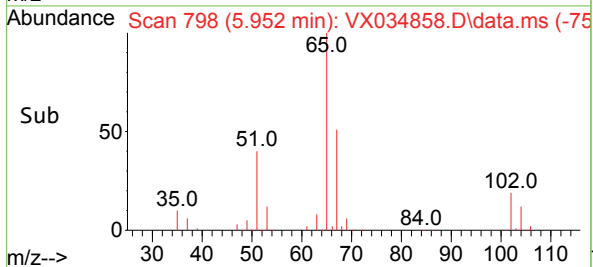
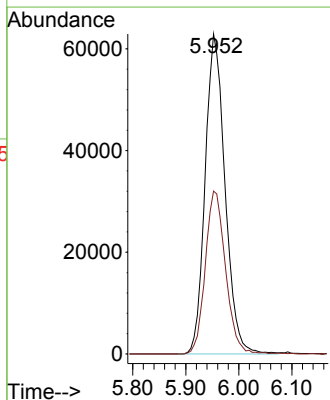
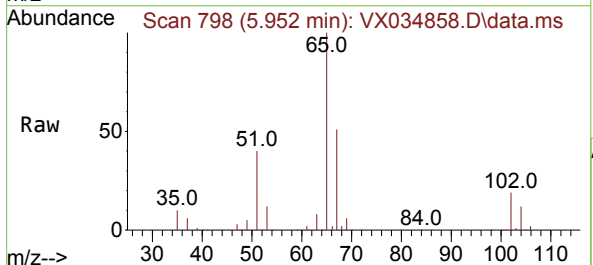
Instrument :
MSVOA_X
ClientSampleId :
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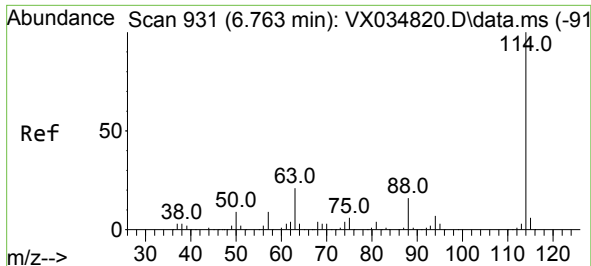
Tgt Ion: 56 Resp: 5431
Ion Ratio Lower Upper
56 100
69 149.1 23.7 35.5#
84 107.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.830 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

Tgt Ion: 65 Resp: 163983
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

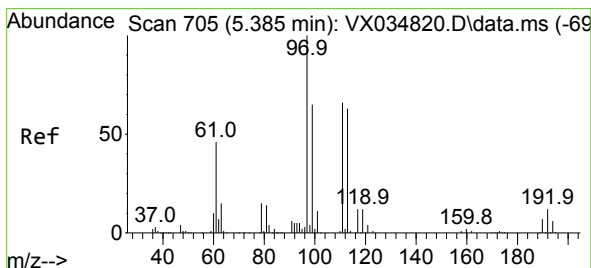
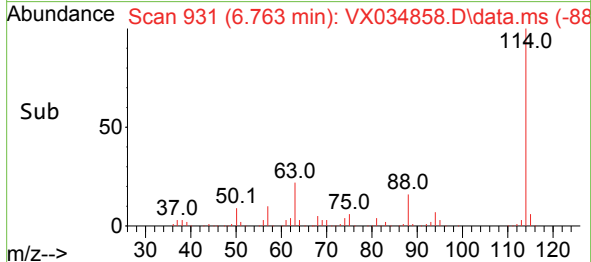
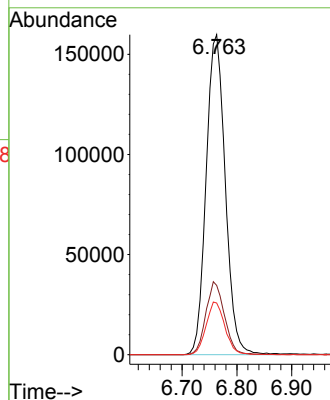
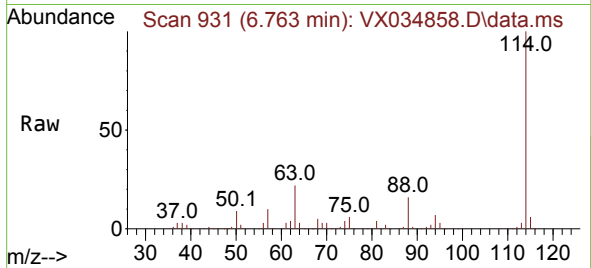




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

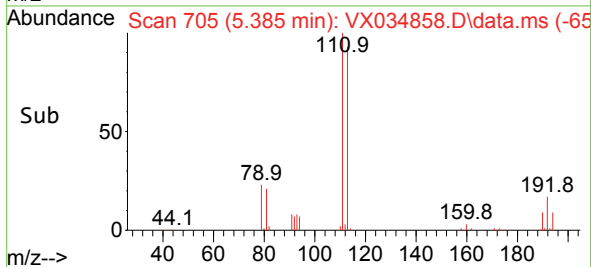
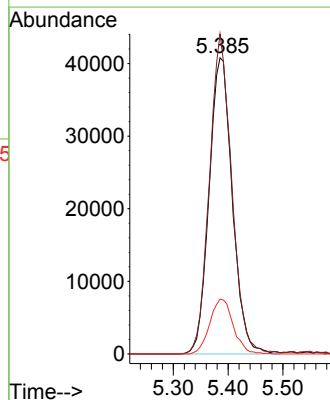
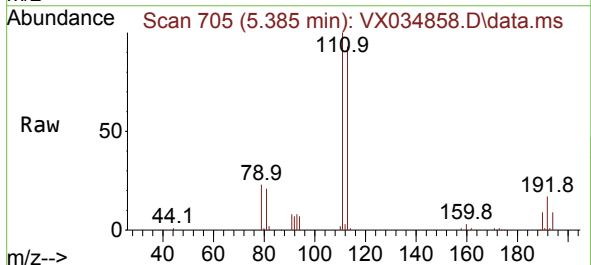
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ClientSampleId :
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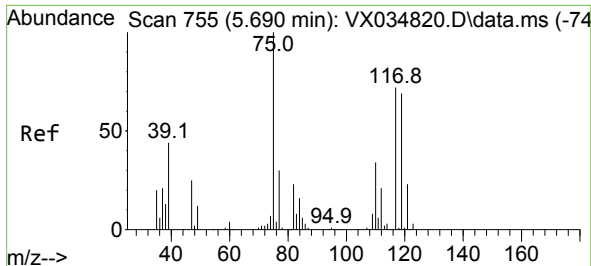
Tgt Ion:114 Resp: 386072
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.930 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

Tgt Ion:113 Resp: 119839
Ion Ratio Lower Upper
113 100
111 103.8 83.7 125.5
192 18.8 15.4 23.2

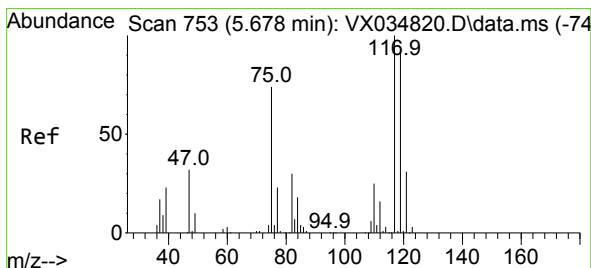
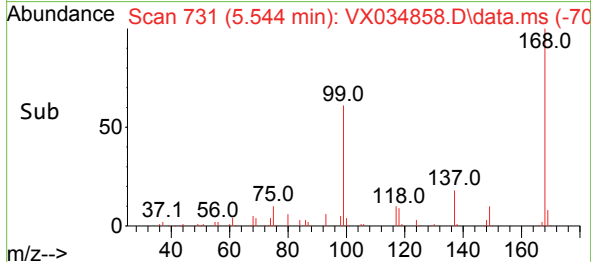
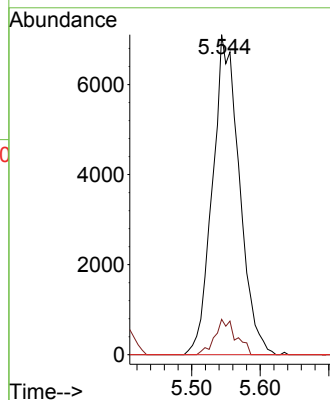
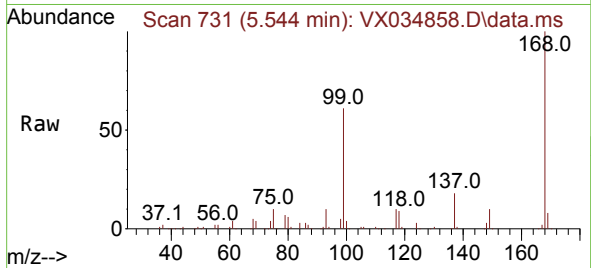




#36
1,1-Dichloropropene
Concen: 5.121 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

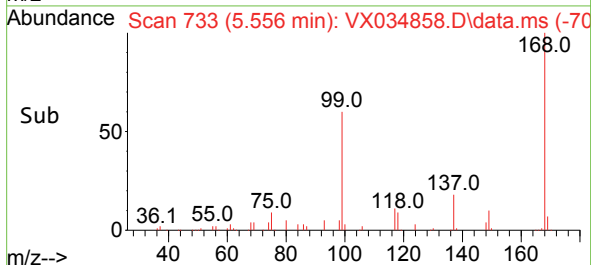
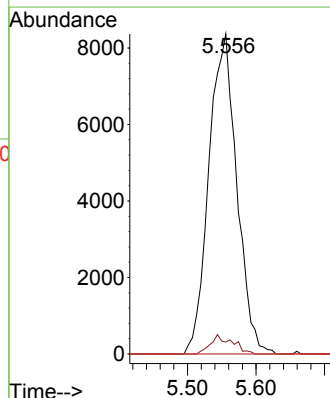
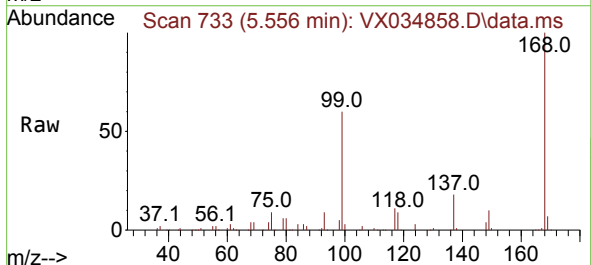
Instrument :
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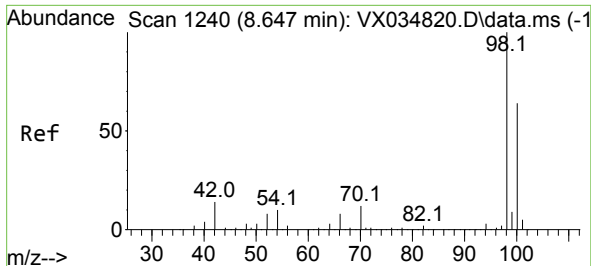
Tgt Ion: 75 Resp: 19309
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.614 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

Tgt Ion: 117 Resp: 23689
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#

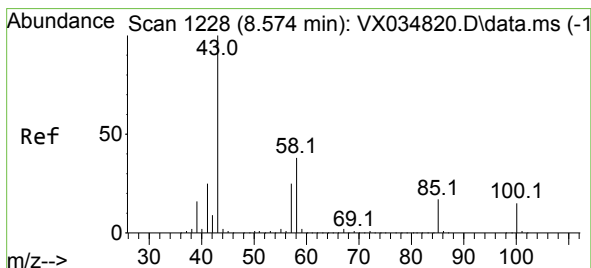
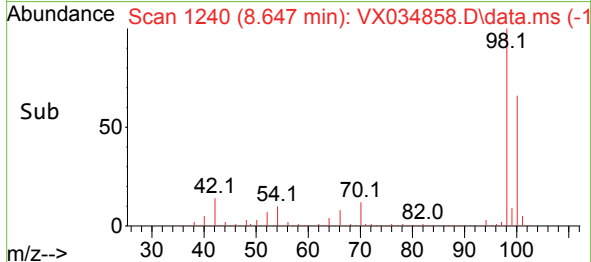
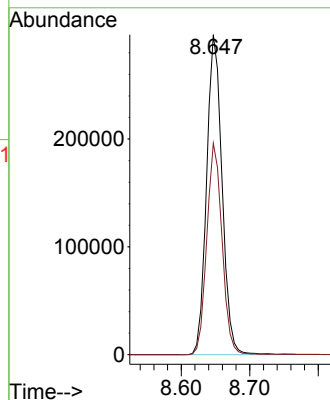
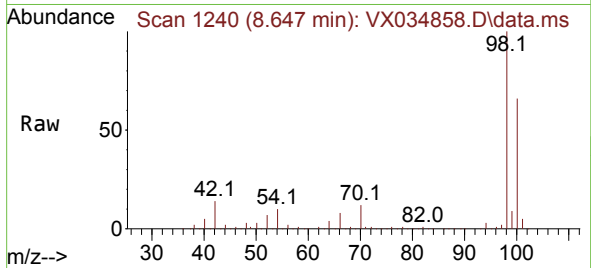




#50
Toluene-d8
Concen: 49.364 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

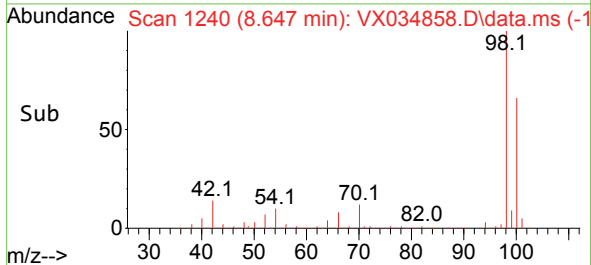
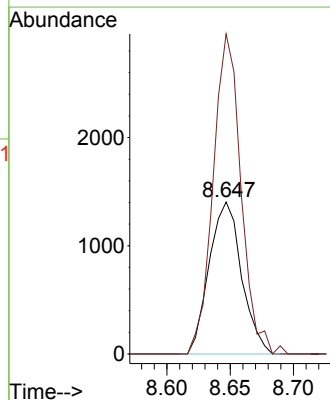
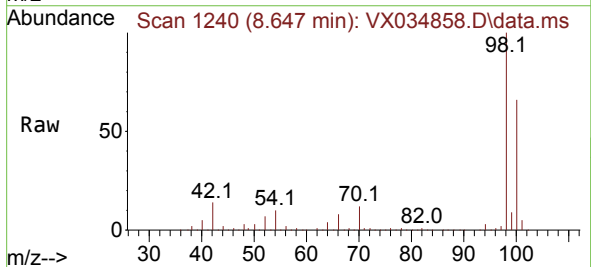
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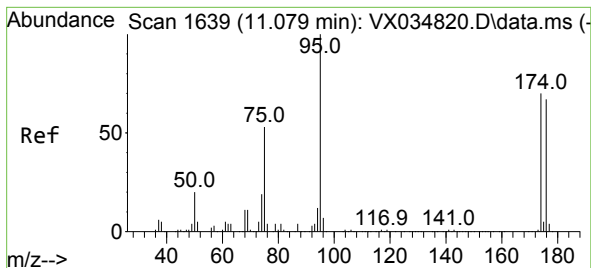
Tgt Ion: 98 Resp: 465271
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.642 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

Tgt Ion: 43 Resp: 2499
Ion Ratio Lower Upper
43 100
58 181.6 30.6 46.0#

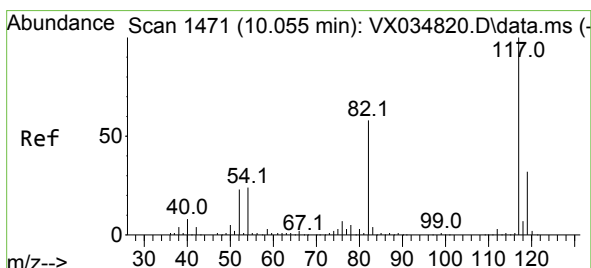
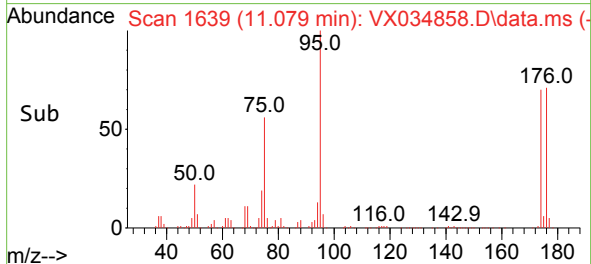
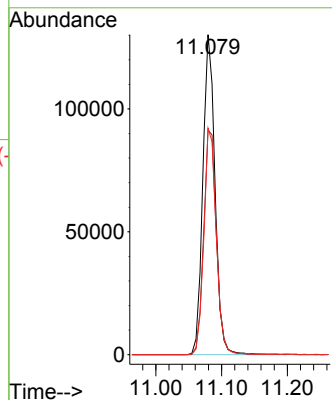
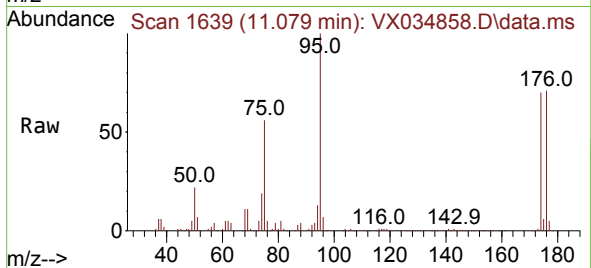




#62
4-Bromofluorobenzene
Concen: 45.957 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

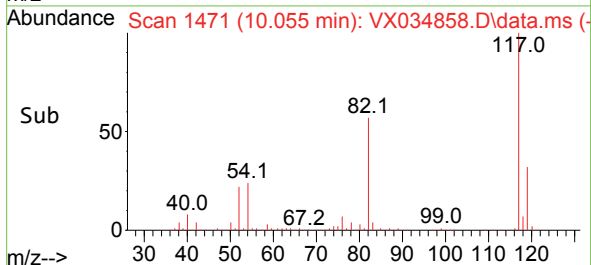
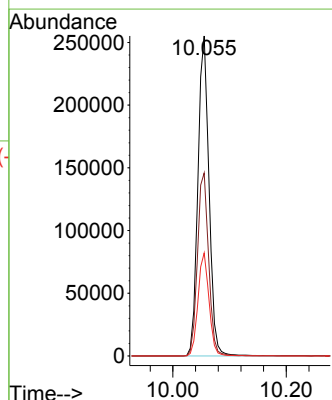
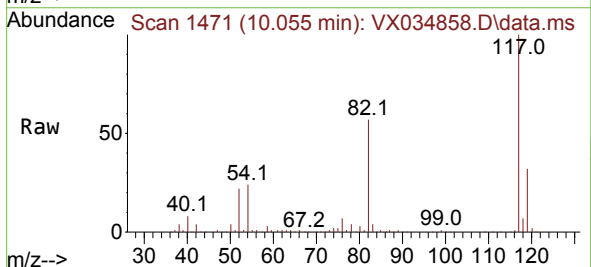
Instrument :
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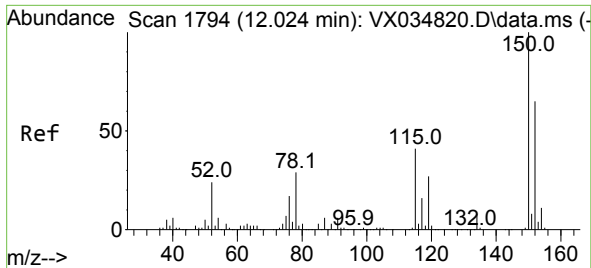
Tgt Ion: 95 Resp: 167621
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.4
176 71.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034858.D
Acq: 30 Mar 2023 17:24

Tgt Ion: 117 Resp: 345999
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 32.2 26.0 39.0

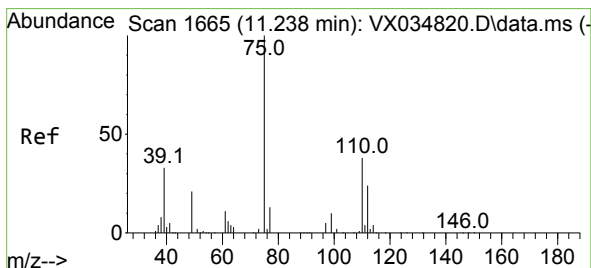
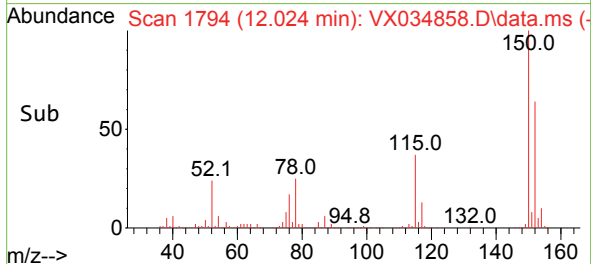
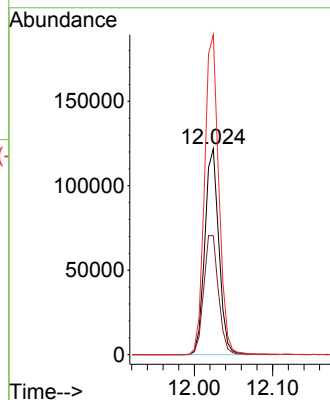
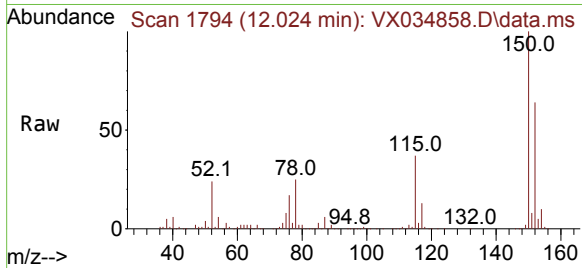




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX034858.D
 Acq: 30 Mar 2023 17:24

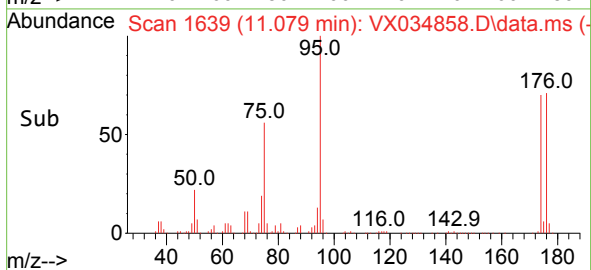
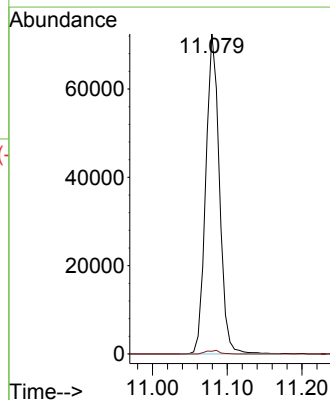
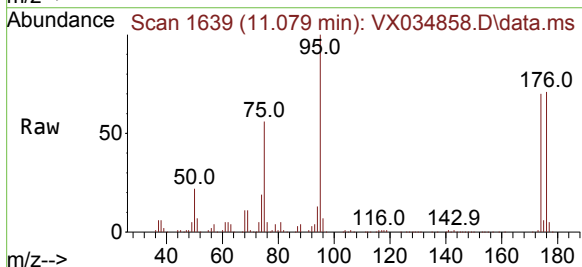
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

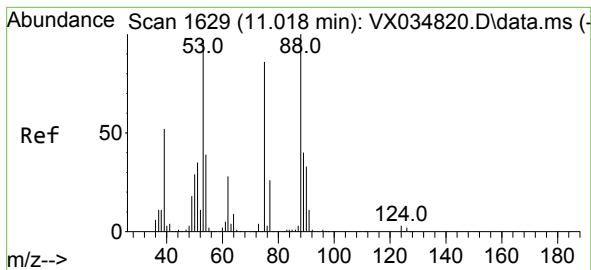
Tgt Ion:152 Resp: 152133
 Ion Ratio Lower Upper
 152 100
 115 60.9 45.0 135.0
 150 157.8 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 29.475 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034858.D
 Acq: 30 Mar 2023 17:24

Tgt Ion: 75 Resp: 91820
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.853 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034858.D
 Acq: 30 Mar 2023 17:24

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Tgt Ion: 75 Resp: 91820
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

