

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035023.D
 Acq On : 11 Apr 2023 20:35
 Operator : JC/MD
 Sample : 02272-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6-040623

Quant Time: Apr 12 05:55:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

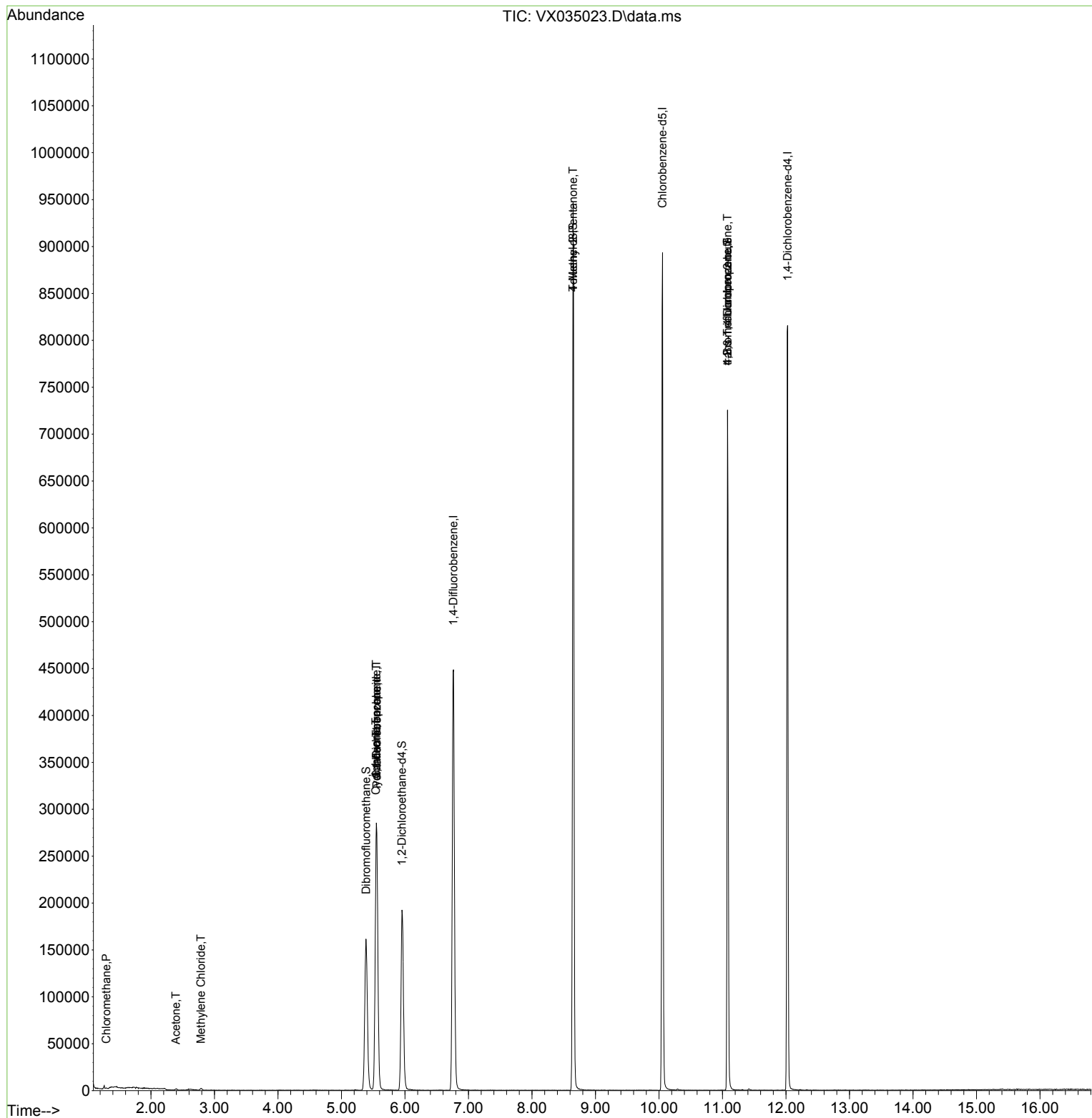
Internal Standards						
1) Pentafluorobenzene	5.556	168	263411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454798	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	398432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	190412	47.266	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.540%
35) Dibromofluoromethane	5.385	113	140459	46.693	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.380%
50) Toluene-d8	8.647	98	535784	48.255	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	197703	46.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.020%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	723	0.220	ug/l #	77
16) Acetone	2.392	43	1845	1.127	ug/l	91
20) Methylene Chloride	2.788	84	945	0.293	ug/l #	91
31) Cyclohexane	5.544	56	6234	1.271	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	22307	5.005	ug/l #	50
38) Carbon Tetrachloride	5.550	117	27460	6.535	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2519	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	104098	29.908	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	104098	89.631	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
ClientSampleId :
MW-6-040623

Quant Time: Apr 12 05:55:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

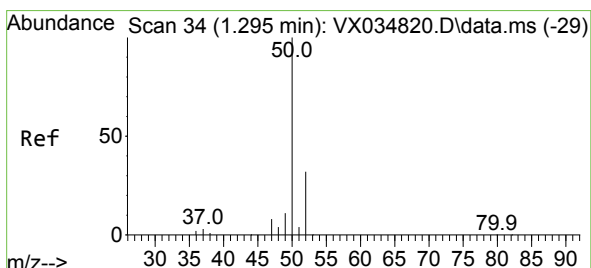
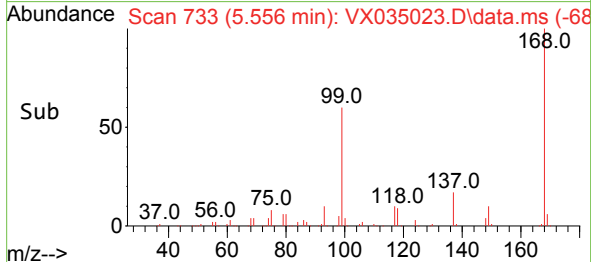
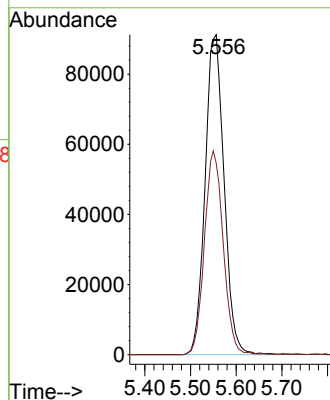
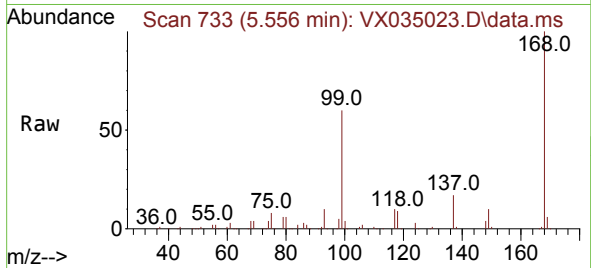




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035023.D
Acq: 11 Apr 2023 20:35

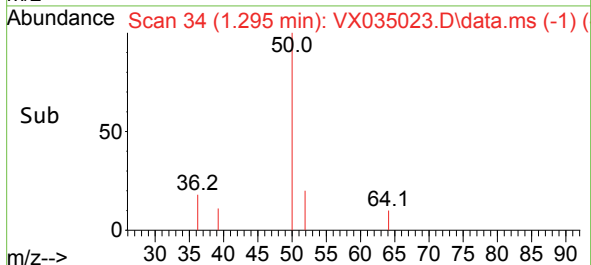
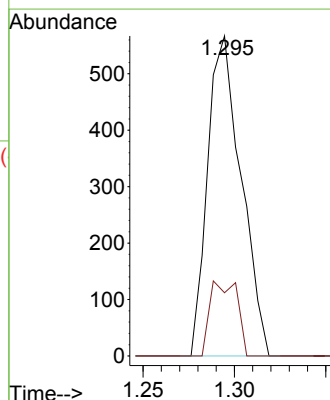
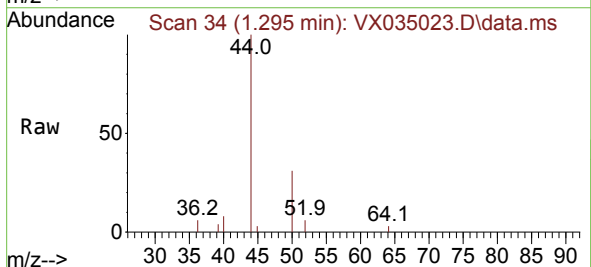
Instrument :
MSVOA_X
ClientSampleId :
MW-6-040623

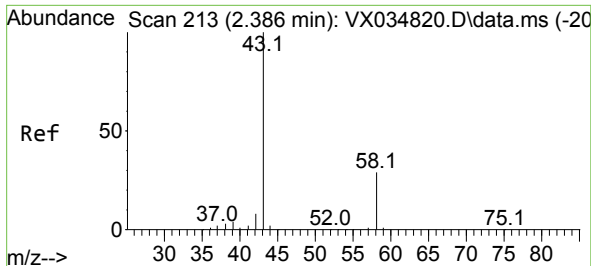
Tgt Ion:168 Resp: 263411
Ion Ratio Lower Upper
168 100
99 59.9 45.7 68.5



#3
Chloromethane
Concen: 0.220 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035023.D
Acq: 11 Apr 2023 20:35

Tgt Ion: 50 Resp: 723
Ion Ratio Lower Upper
50 100
52 19.8 25.9 38.9#

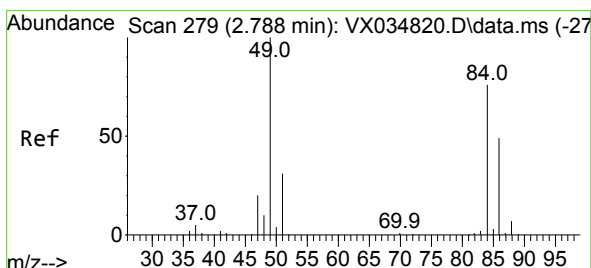
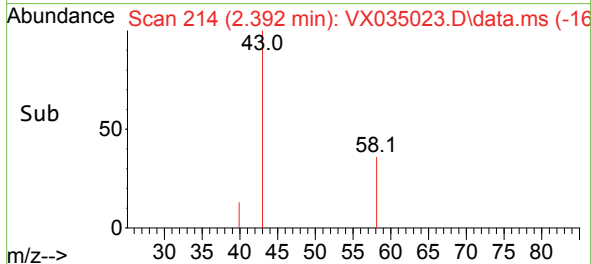
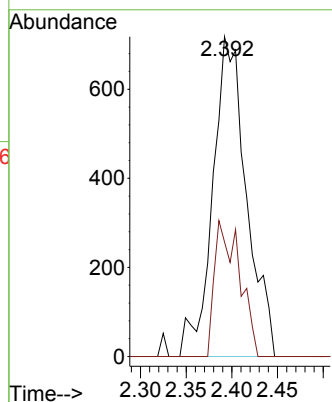
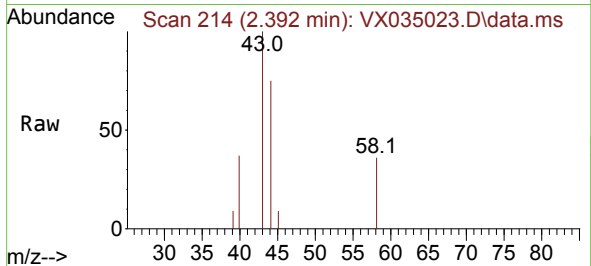




#16
Acetone
Concen: 1.127 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX035023.D
Acq: 11 Apr 2023 20:35

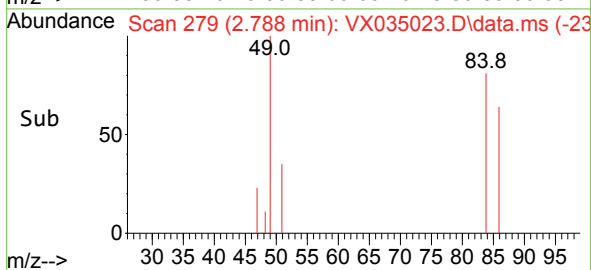
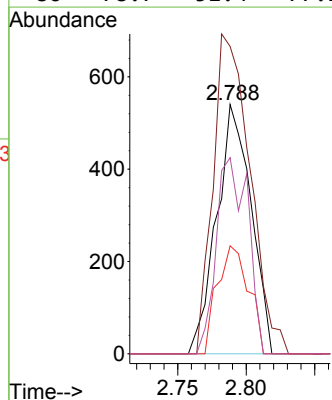
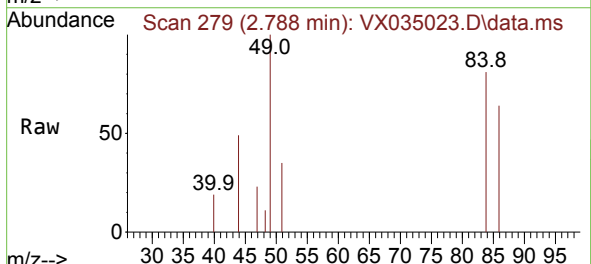
Instrument :
MSVOA_X
ClientSampleId :
MW-6-040623

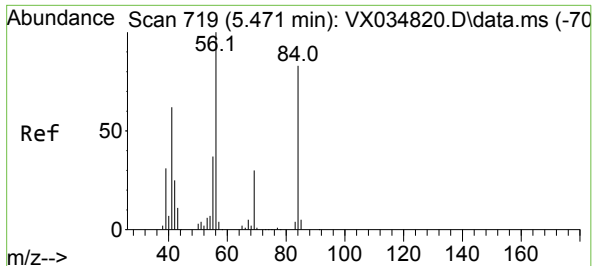
Tgt Ion: 43 Resp: 1845
Ion Ratio Lower Upper
43 100
58 35.8 24.7 37.1



#20
Methylene Chloride
Concen: 0.293 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035023.D
Acq: 11 Apr 2023 20:35

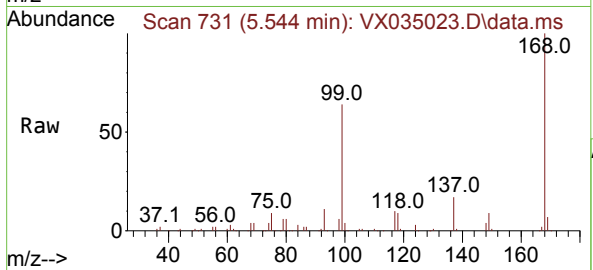
Tgt Ion: 84 Resp: 945
Ion Ratio Lower Upper
84 100
49 123.3 103.8 155.8
51 43.3 31.8 47.8
86 78.7 51.4 77.2#



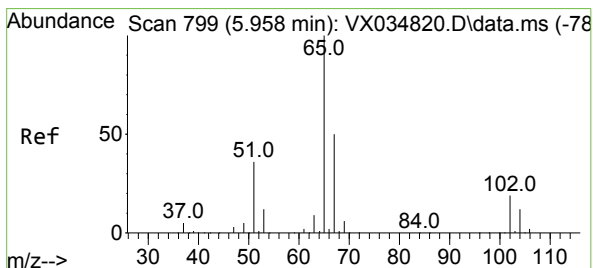
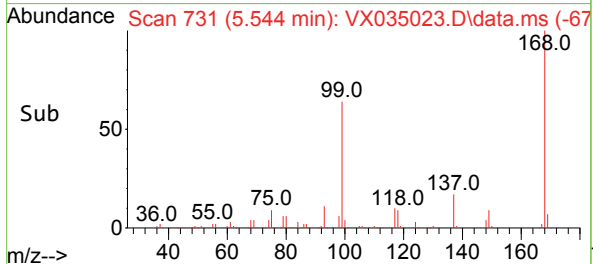
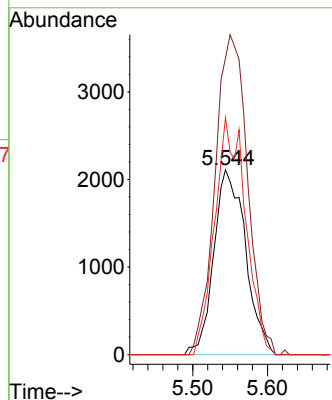


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035023.D
Acq: 11 Apr 2023 20:35

Instrument :
MSVOA_X
ClientSampleId :
MW-6-040623

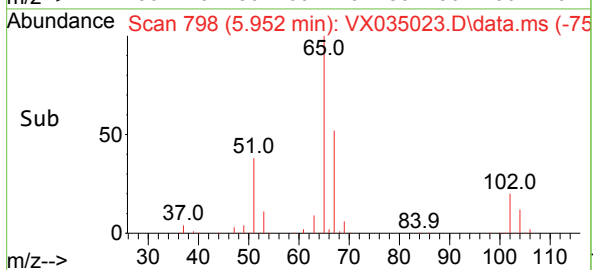
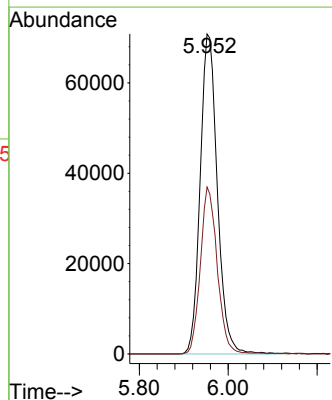
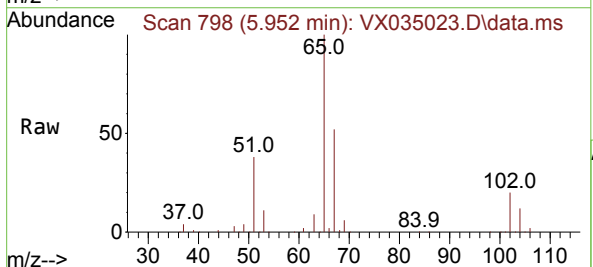


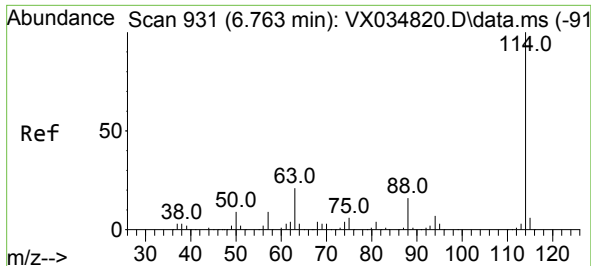
Tgt Ion: 56 Resp: 6234
Ion Ratio Lower Upper
56 100
69 160.3 23.7 35.5#
84 128.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.266 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035023.D
Acq: 11 Apr 2023 20:35

Tgt Ion: 65 Resp: 190412
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0

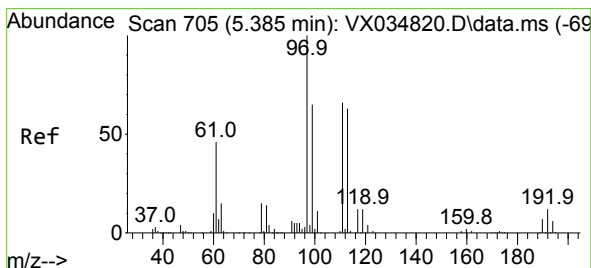
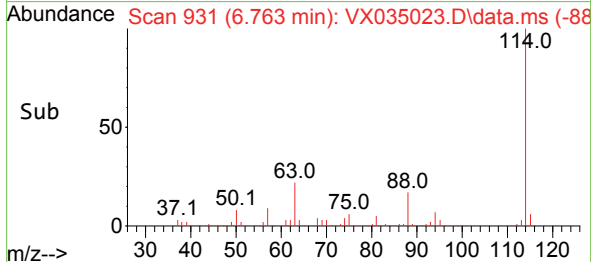
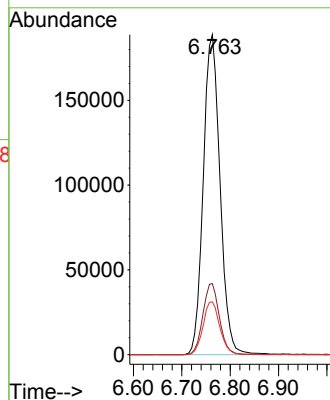
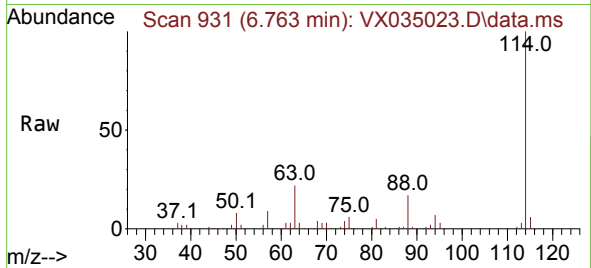




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035023.D
Acq: 11 Apr 2023 20:35

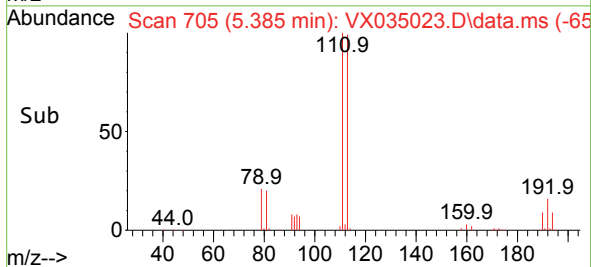
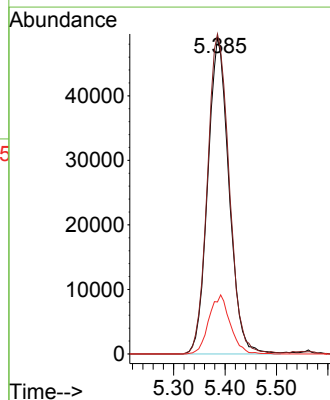
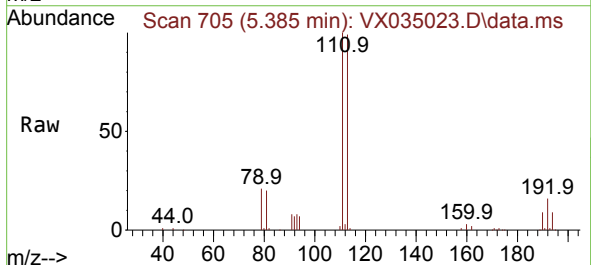
Instrument :
MSVOA_X
ClientSampleId :
MW-6-040623

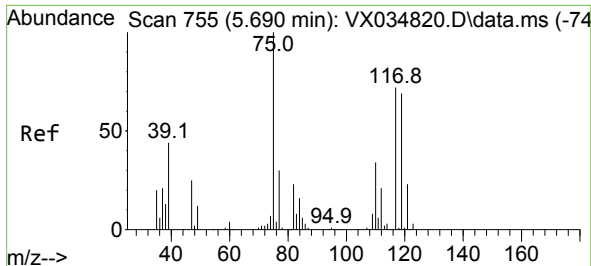
Tgt Ion:114 Resp: 454798
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.693 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035023.D
Acq: 11 Apr 2023 20:35

Tgt Ion:113 Resp: 140459
Ion Ratio Lower Upper
113 100
111 103.7 83.7 125.5
192 18.7 15.4 23.2

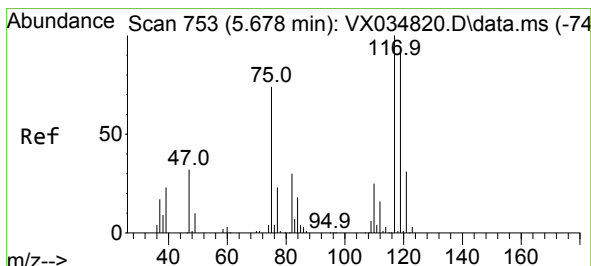
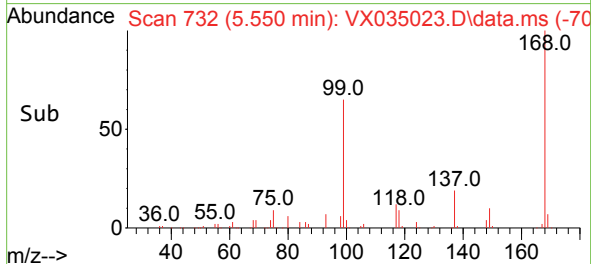
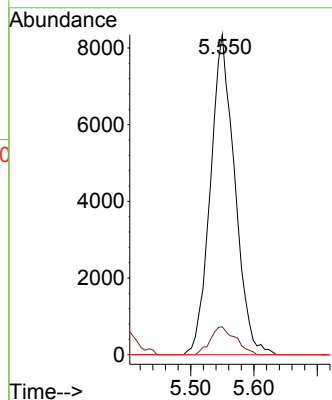
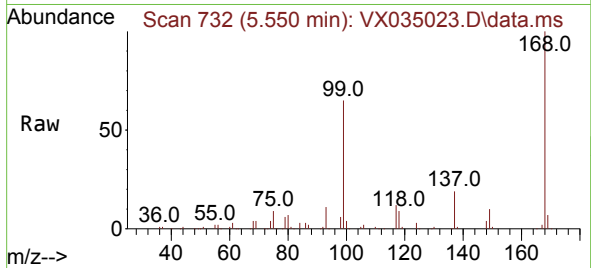




#36
1,1-Dichloropropene
Concen: 5.005 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035023.D
Acq: 11 Apr 2023 20:35

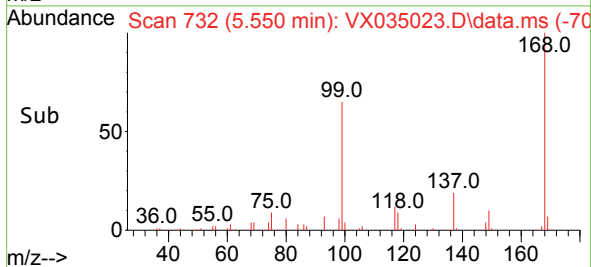
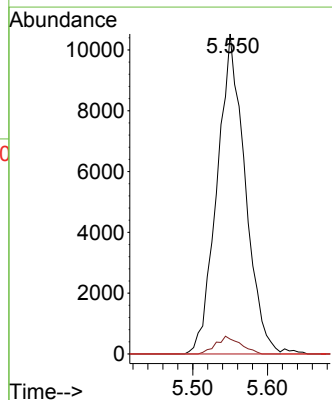
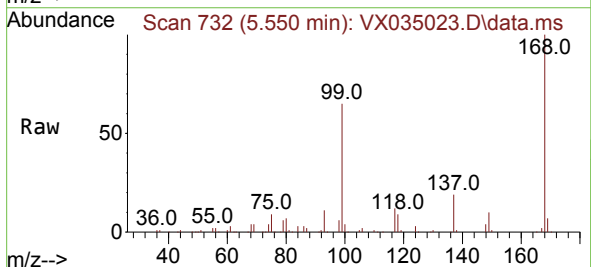
Instrument :
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ClientSampleId :
MW-6-040623

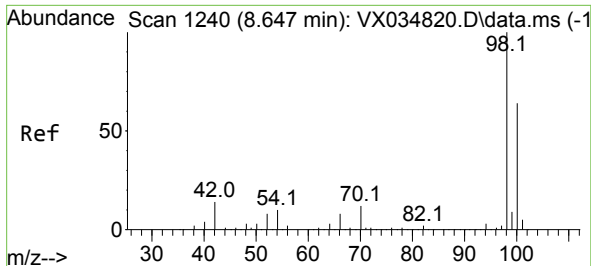
Tgt Ion: 75 Resp: 22307
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.535 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035023.D
Acq: 11 Apr 2023 20:35

Tgt Ion: 117 Resp: 27460
Ion Ratio Lower Upper
117 100
119 4.6 76.6 114.8#
121 0.0 23.8 35.6#

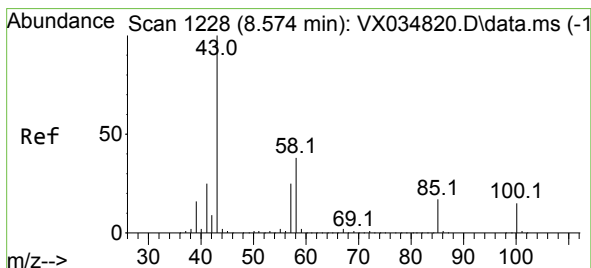
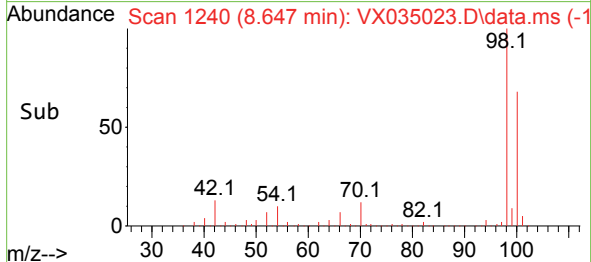
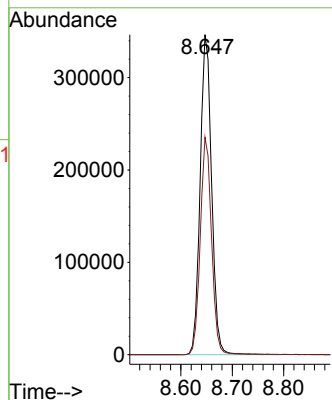
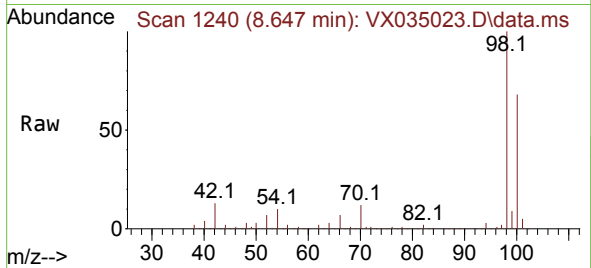




#50
Toluene-d8
Concen: 48.255 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035023.D
Acq: 11 Apr 2023 20:35

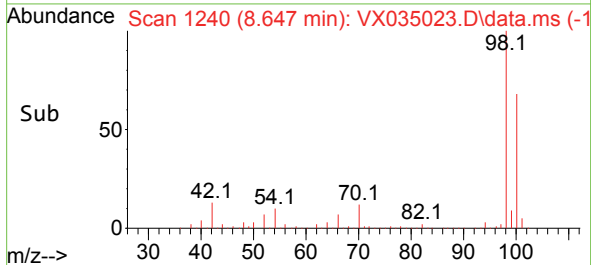
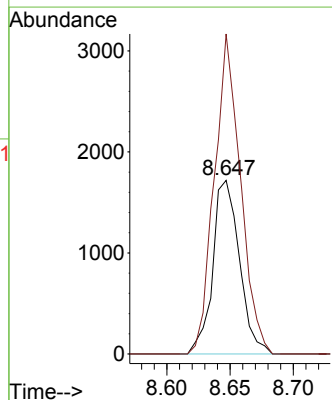
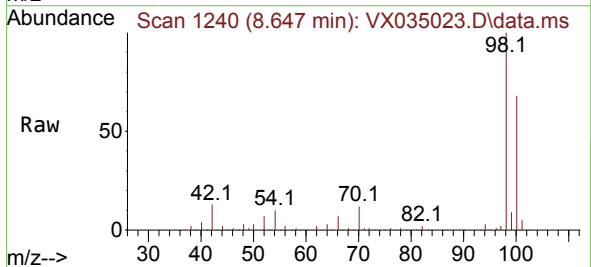
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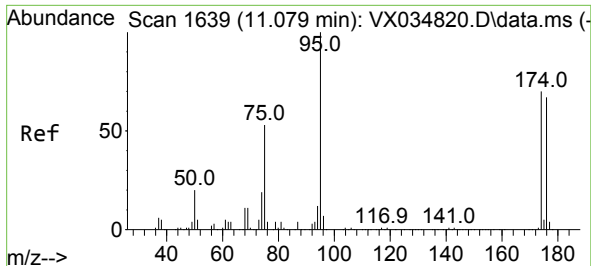
Tgt Ion: 98 Resp: 535784
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035023.D
Acq: 11 Apr 2023 20:35

Tgt Ion: 43 Resp: 2519
Ion Ratio Lower Upper
43 100
58 180.9 30.6 46.0#

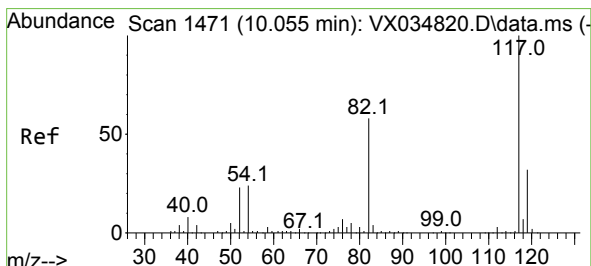
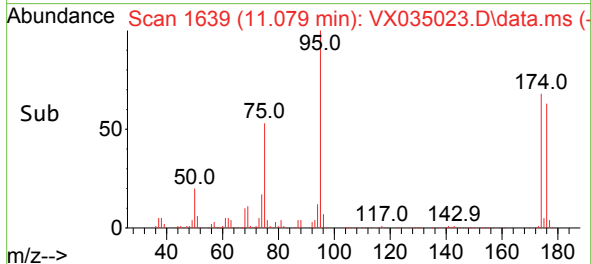
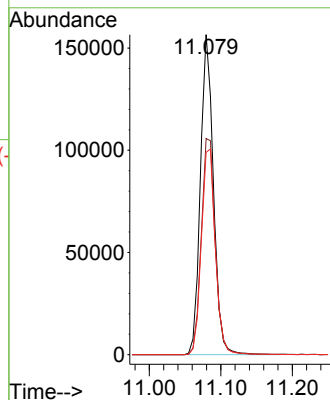
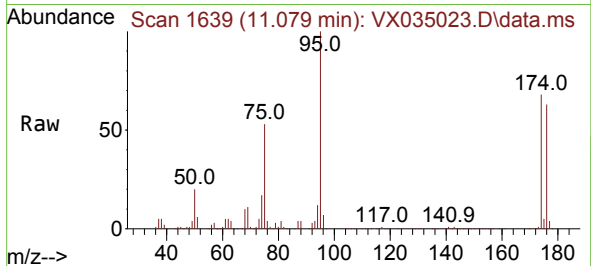




#62
4-Bromofluorobenzene
Concen: 46.013 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035023.D
Acq: 11 Apr 2023 20:35

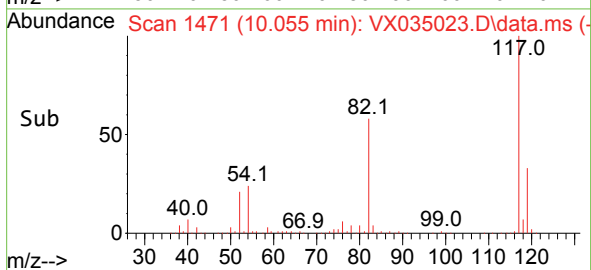
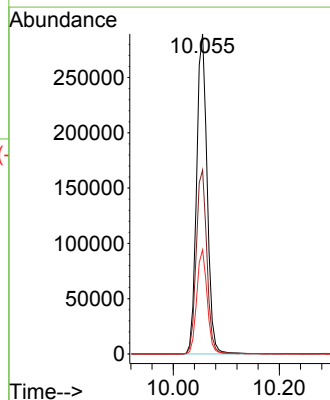
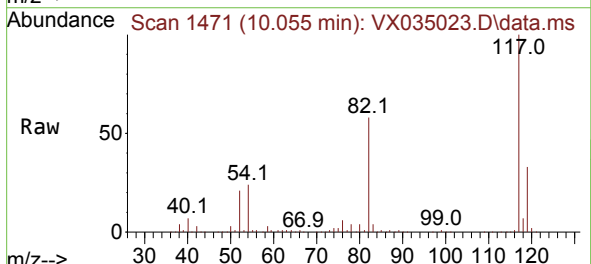
Instrument :
MSVOA_X
ClientSampleId :
MW-6-040623

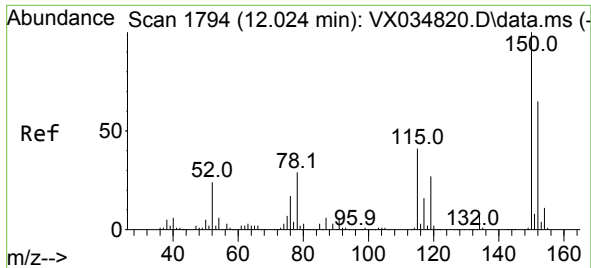
Tgt Ion: 95 Resp: 197703
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.4
176 69.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035023.D
Acq: 11 Apr 2023 20:35

Tgt Ion: 117 Resp: 398432
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.4
119 32.6 26.0 39.0

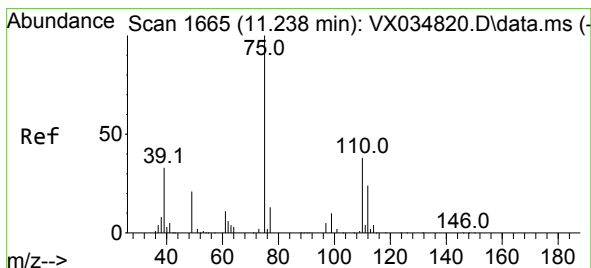
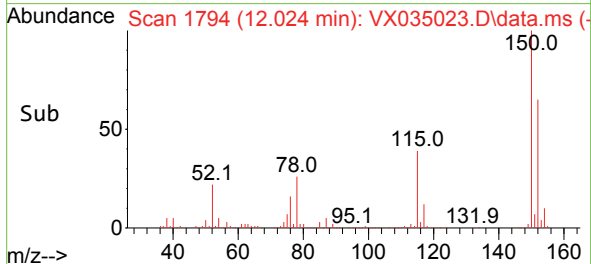
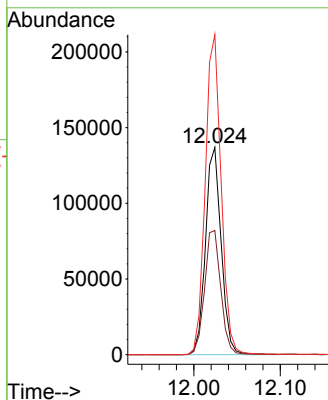
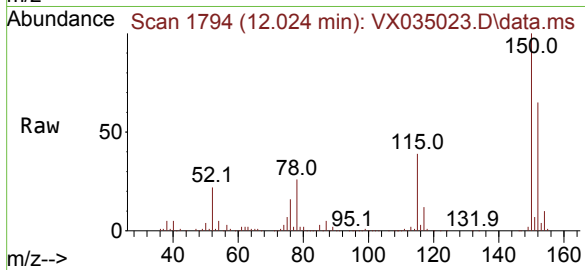




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX035023.D
 Acq: 11 Apr 2023 20:35

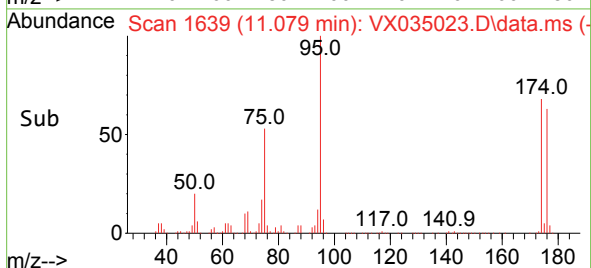
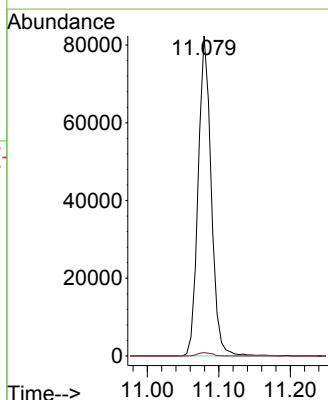
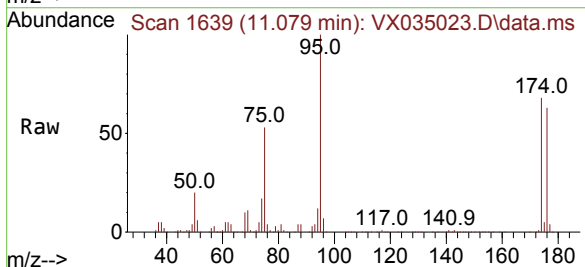
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6-040623

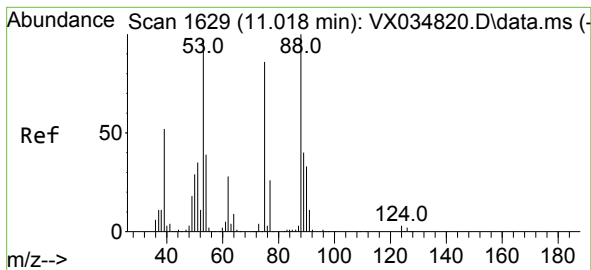
Tgt Ion:152 Resp: 172743
 Ion Ratio Lower Upper
 152 100
 115 61.9 45.0 135.0
 150 155.7 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 29.908 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035023.D
 Acq: 11 Apr 2023 20:35

Tgt Ion: 75 Resp: 104098
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.631 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035023.D
 Acq: 11 Apr 2023 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6-040623

Tgt Ion: 75 Resp: 104098
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

