

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034746.D
 Acq On : 27 Mar 2023 13:30
 Operator : JC/MD
 Sample : 02104-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-03-25

Quant Time: Mar 28 03:18:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

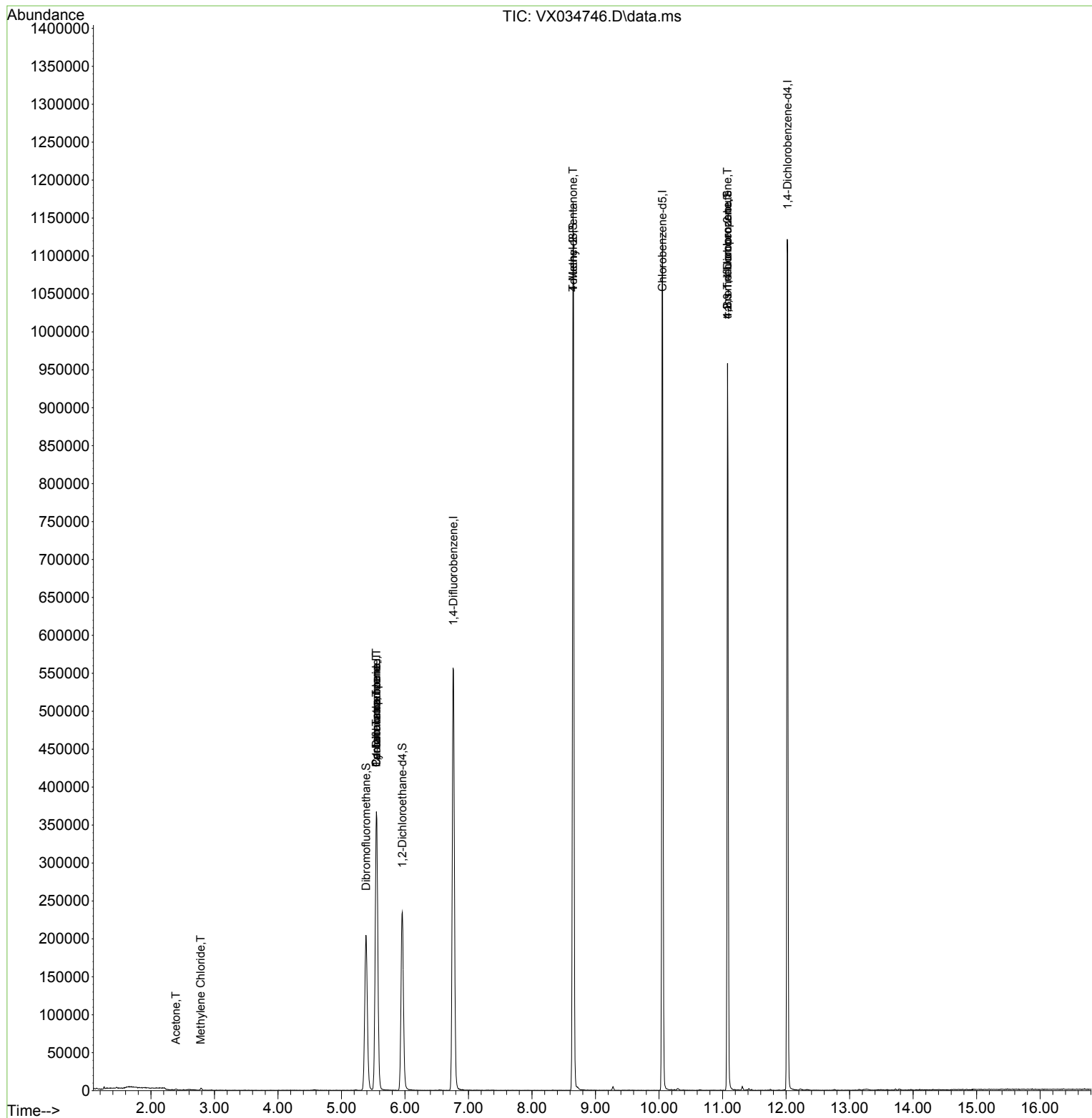
Internal Standards						
1) Pentafluorobenzene	5.550	168	336476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	563160	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	507663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	237214	48.460	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.920%
35) Dibromofluoromethane	5.385	113	176630	47.504	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.000%
50) Toluene-d8	8.647	98	675476	48.664	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.320%
62) 4-Bromofluorobenzene	11.079	95	259982	46.370	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.740%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	482	Below Cal		100
16) Acetone	2.392	43	1565	0.679	ug/l #	82
20) Methylene Chloride	2.782	84	1116	0.249	ug/l #	77
31) Cyclohexane	5.550	56	7552	1.100	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	27787	4.866	ug/l #	51
38) Carbon Tetrachloride	5.550	117	36112	6.356	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	3074	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	136433	25.965	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	136433	70.242	ug/l #	8

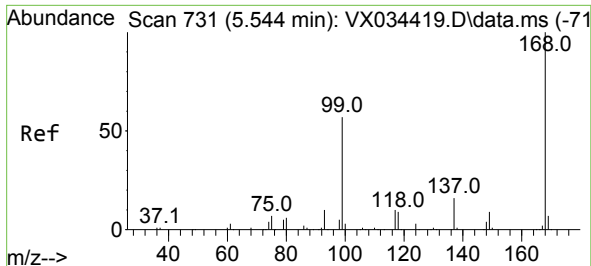
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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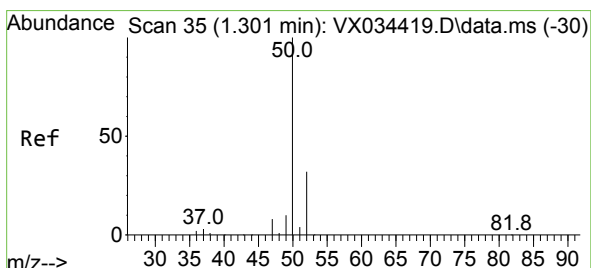
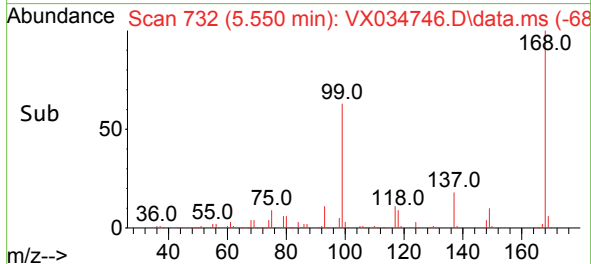
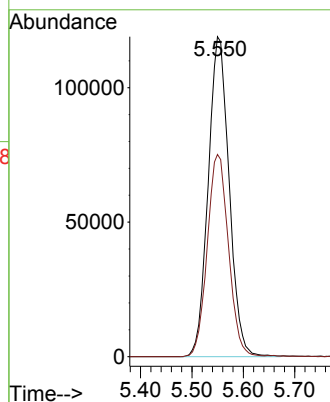
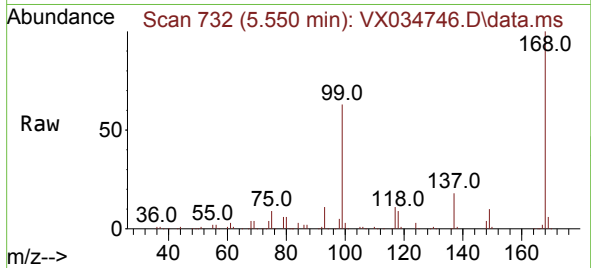




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

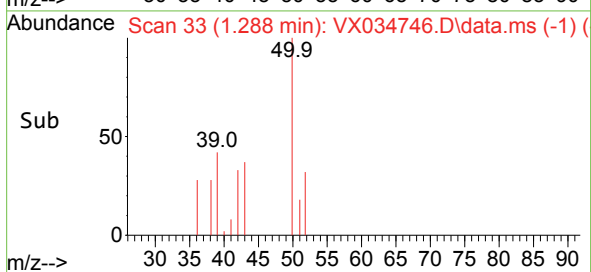
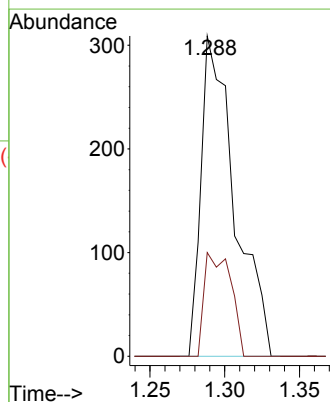
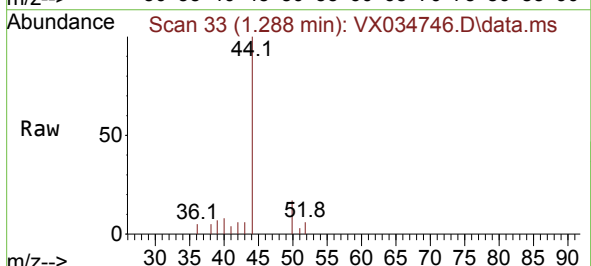
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-25

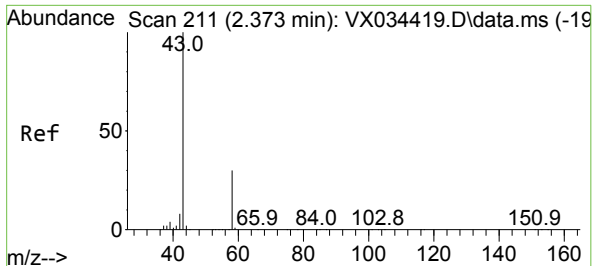
Tgt Ion:168 Resp: 336476
Ion Ratio Lower Upper
168 100
99 63.2 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

Tgt Ion: 50 Resp: 482
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

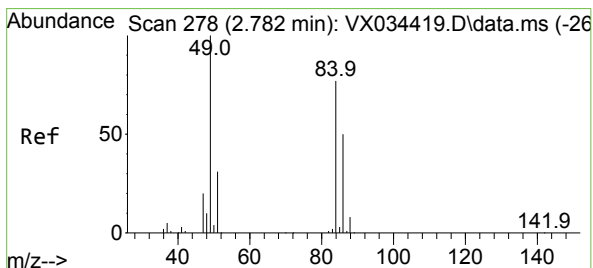
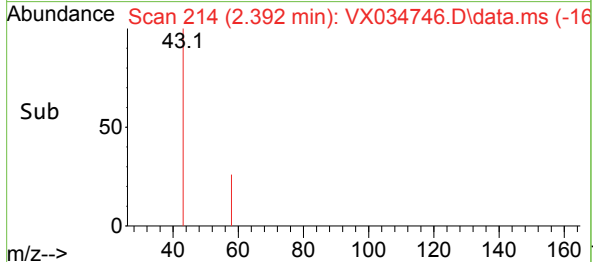
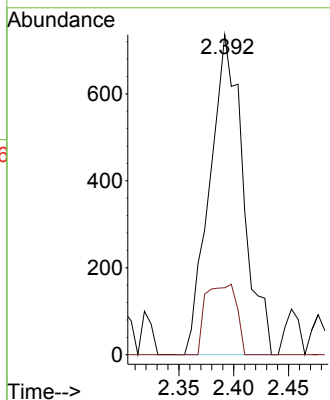
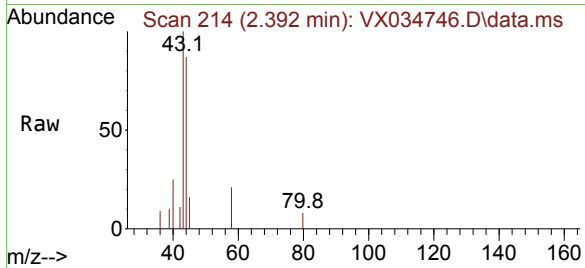




#16
Acetone
Concen: 0.679 ug/l
RT: 2.392 min Scan# 211
Delta R.T. 0.018 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

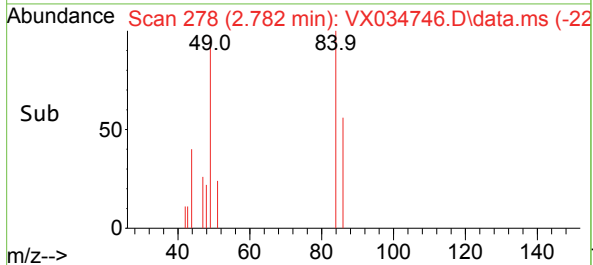
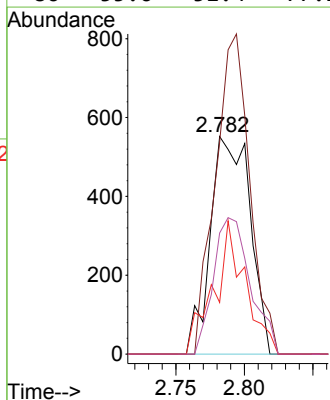
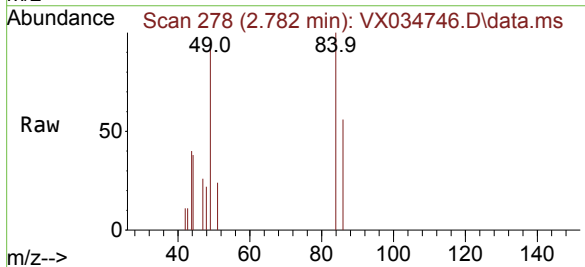
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MSVOA_X
ClientSampleId :
EB-2023-03-25

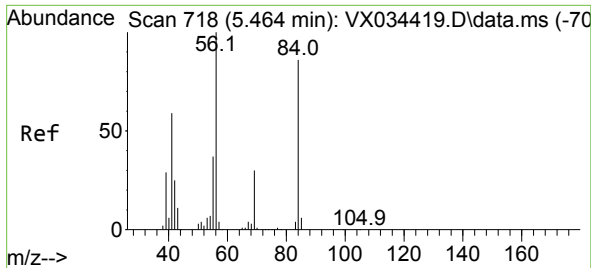
Tgt Ion: 43 Resp: 1565
Ion Ratio Lower Upper
43 100
58 20.9 24.7 37.1#



#20
Methylene Chloride
Concen: 0.249 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

Tgt Ion: 84 Resp: 1116
Ion Ratio Lower Upper
84 100
49 97.3 103.8 155.8#
51 23.7 31.8 47.8#
86 55.6 51.4 77.2

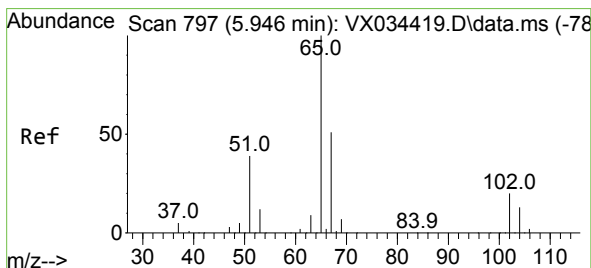
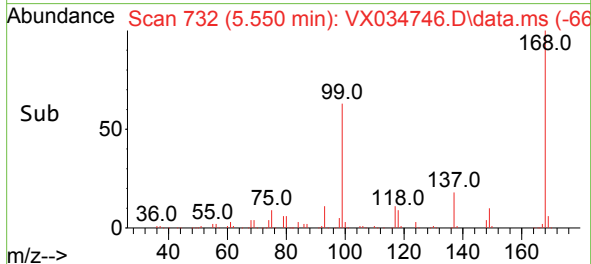
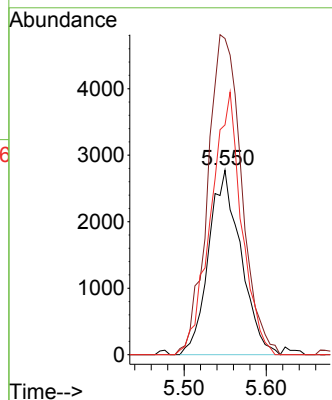
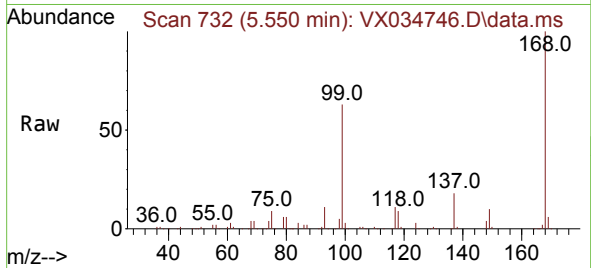




#31
Cyclohexane
Concen: 1.100 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

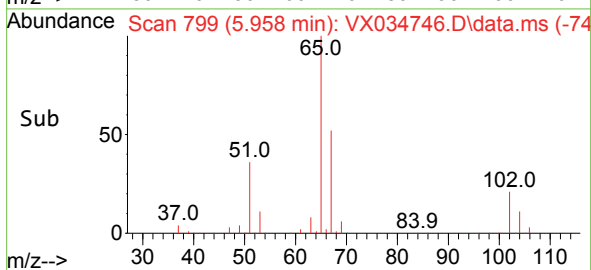
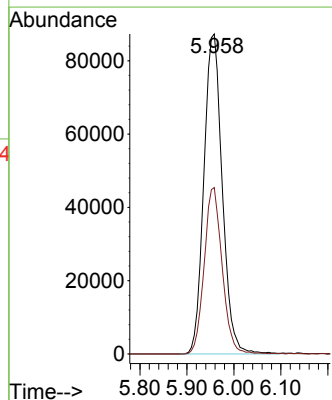
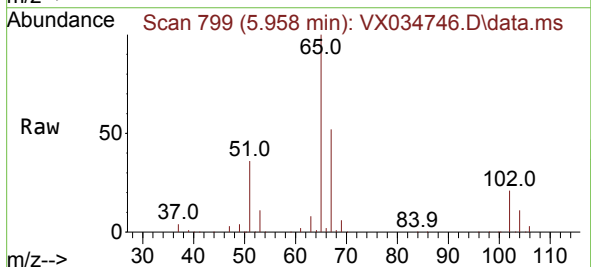
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-25

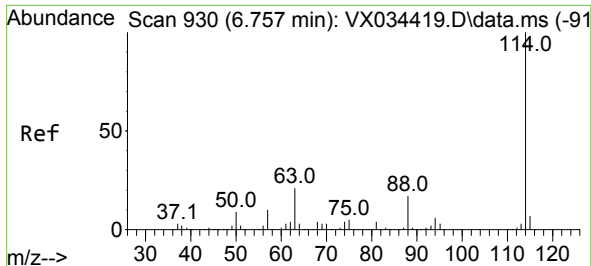
Tgt Ion: 56 Resp: 7552
Ion Ratio Lower Upper
56 100
69 171.3 23.7 35.5#
84 124.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.460 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

Tgt Ion: 65 Resp: 237214
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.0

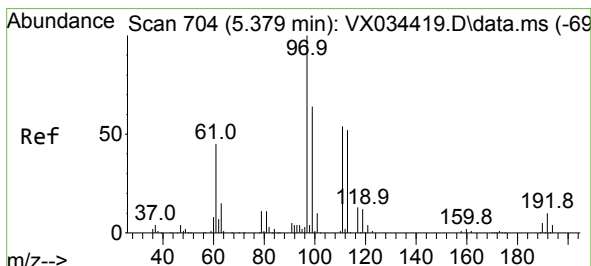
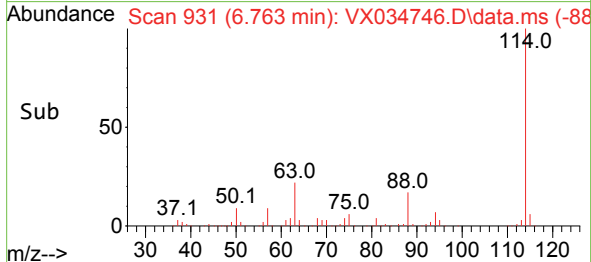
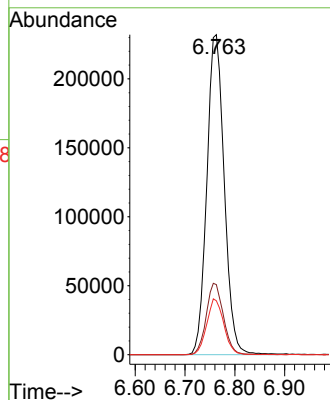
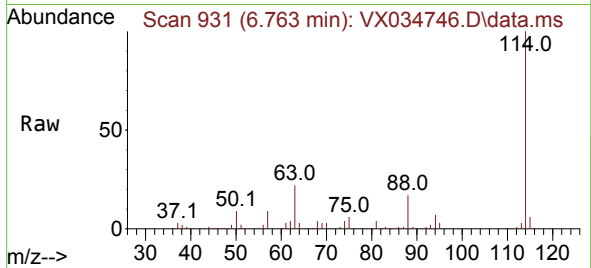




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

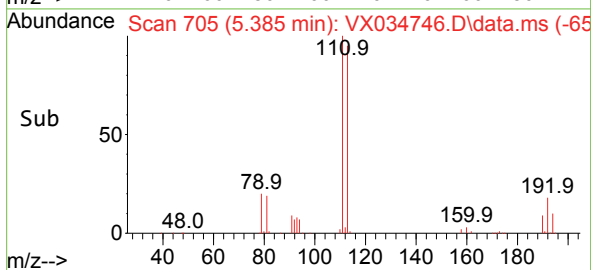
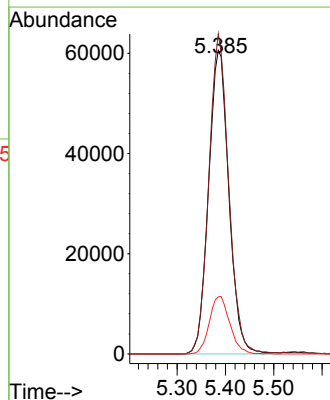
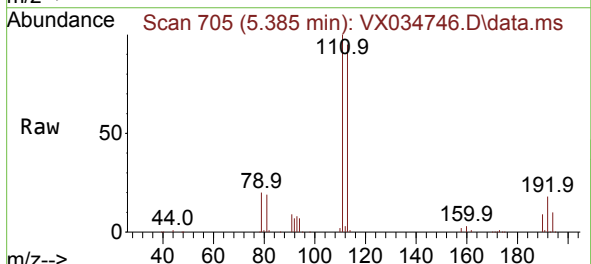
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-25

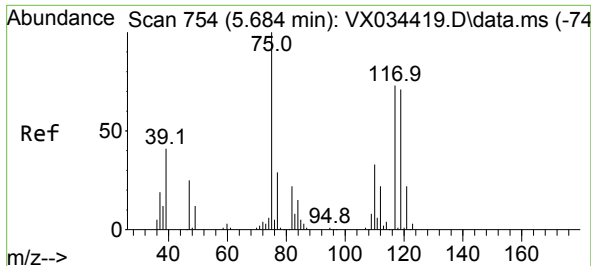
Tgt Ion:114 Resp: 563160
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.504 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

Tgt Ion:113 Resp: 176630
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 19.1 15.4 23.2

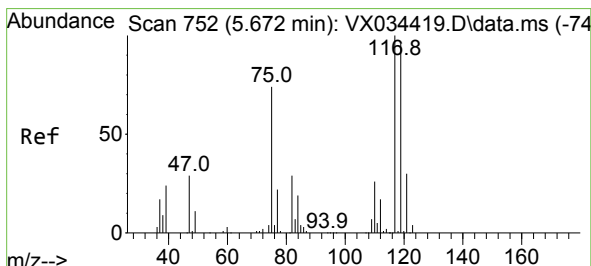
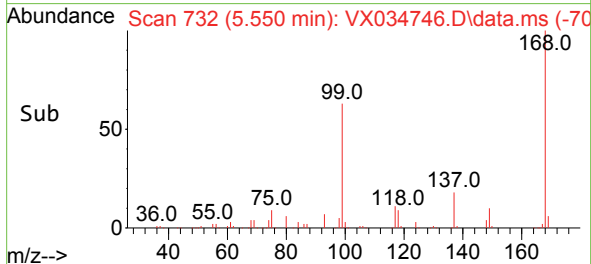
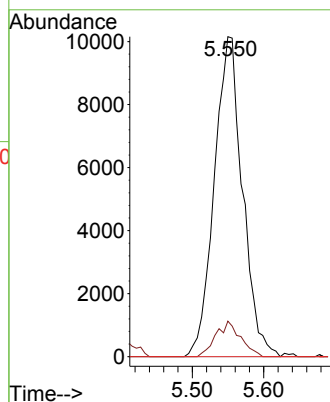
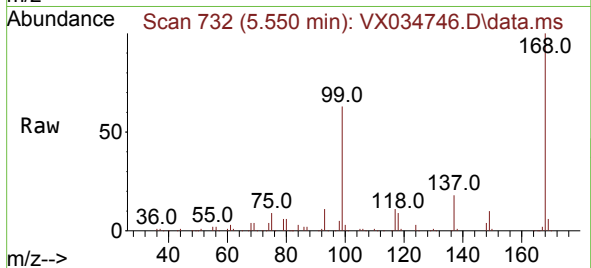




#36
1,1-Dichloropropene
Concen: 4.866 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

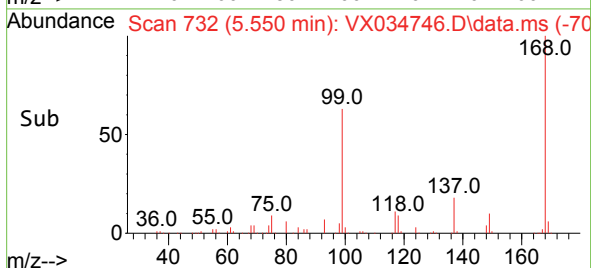
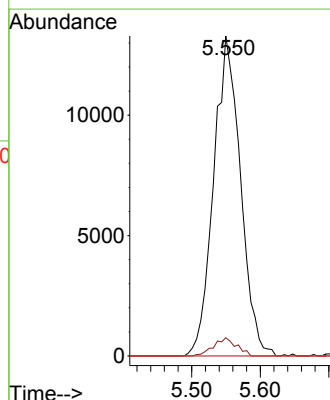
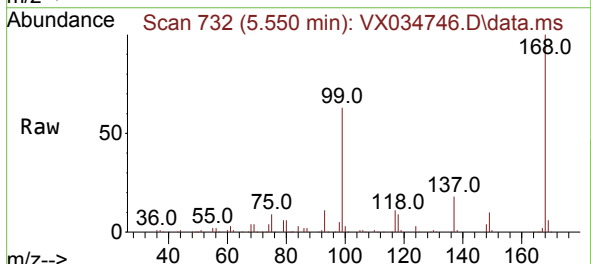
Instrument :
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ClientSampleId :
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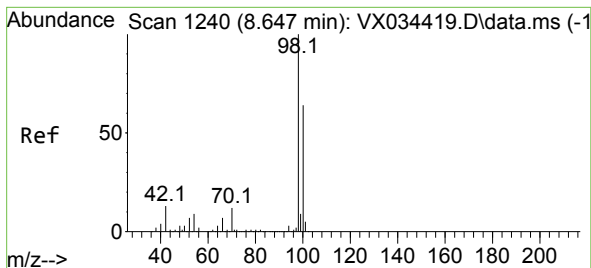
Tgt Ion: 75 Resp: 27787
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.356 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

Tgt Ion: 117 Resp: 36112
Ion Ratio Lower Upper
117 100
119 5.7 76.6 114.8#
121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 48.664 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034746.D

Acq: 27 Mar 2023 13:30

Instrument :

MSVOA_X

ClientSampleId :

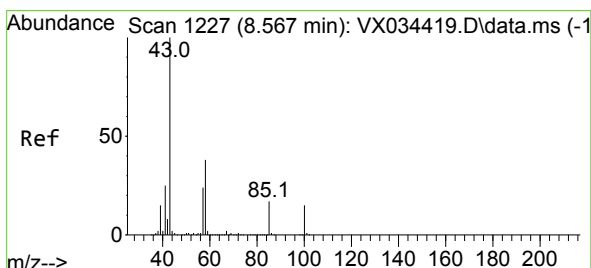
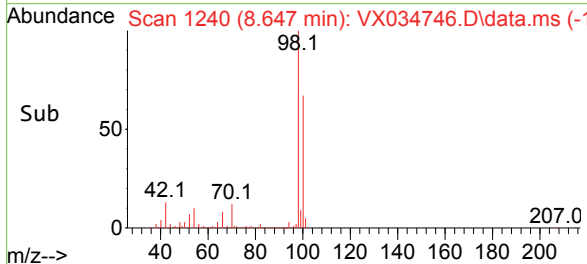
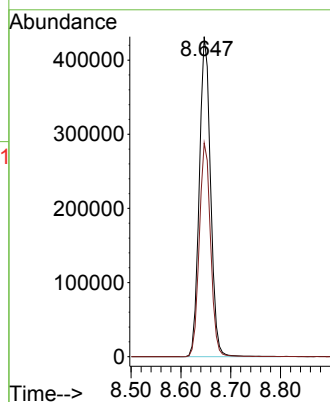
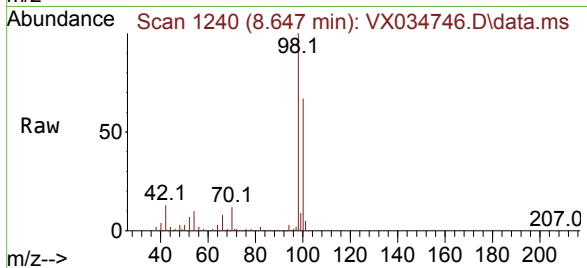
EB-2023-03-25

Tgt Ion: 98 Resp: 675476

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.501 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.079 min

Lab File: VX034746.D

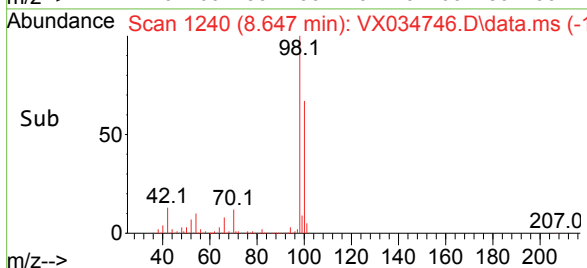
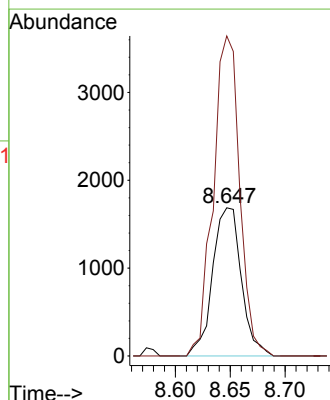
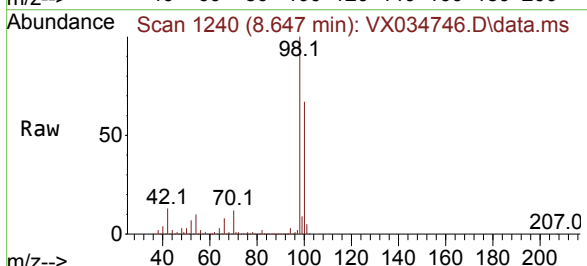
Acq: 27 Mar 2023 13:30

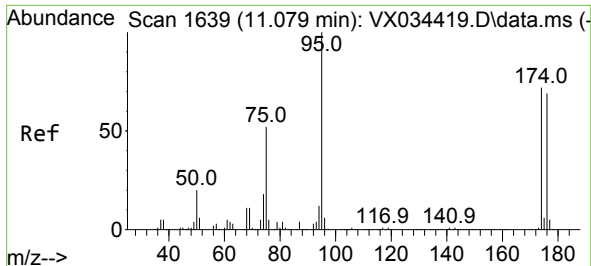
Tgt Ion: 43 Resp: 3074

Ion Ratio Lower Upper

43 100

58 199.0 30.6 46.0#

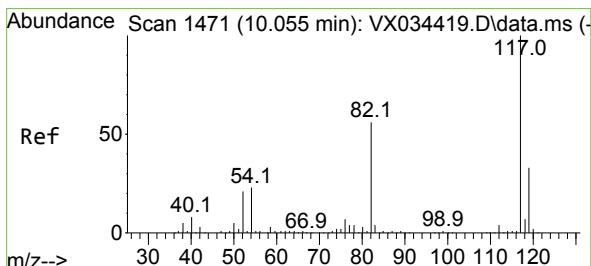
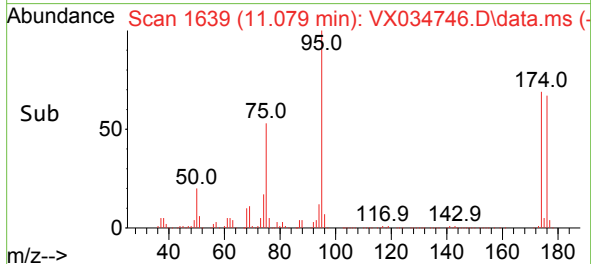
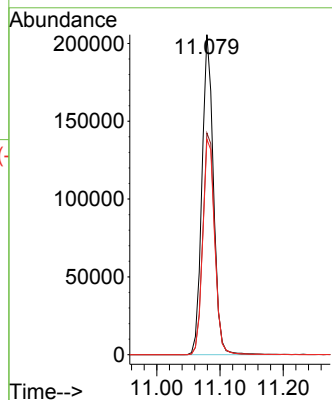
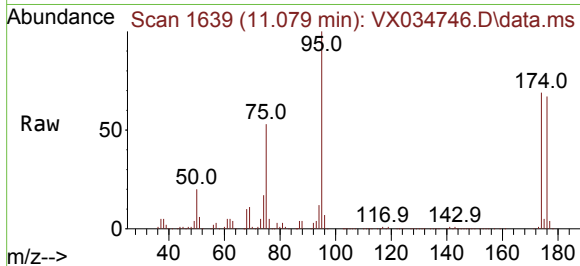




#62
4-Bromofluorobenzene
Concen: 46.370 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

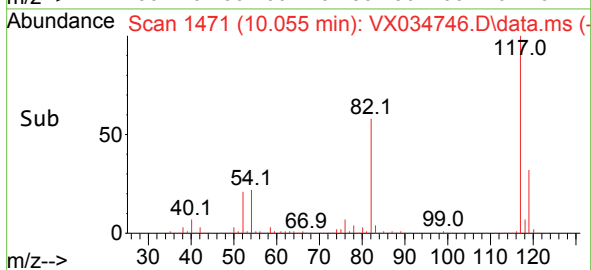
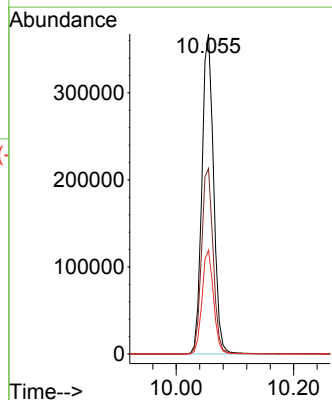
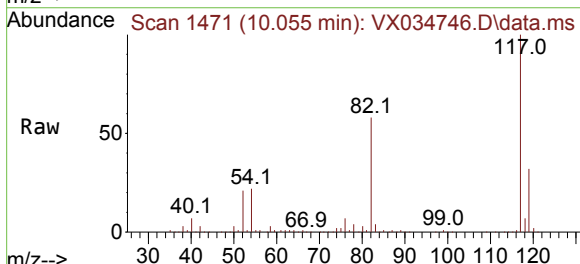
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-03-25

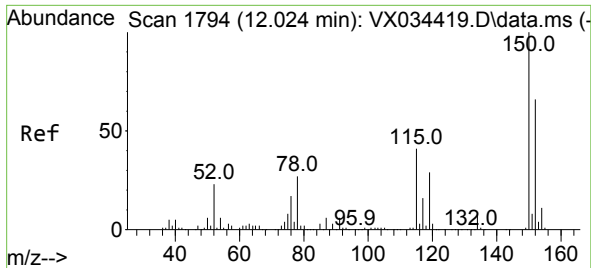
Tgt Ion: 95 Resp: 259982
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.4
176 70.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034746.D
Acq: 27 Mar 2023 13:30

Tgt Ion: 117 Resp: 507663
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 32.5 26.0 39.0

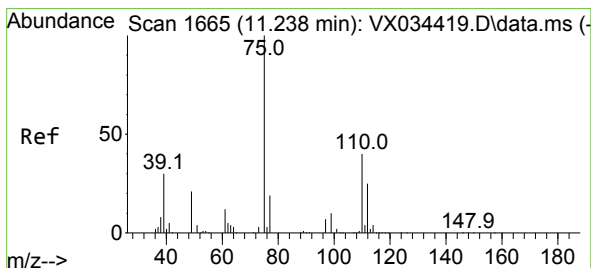
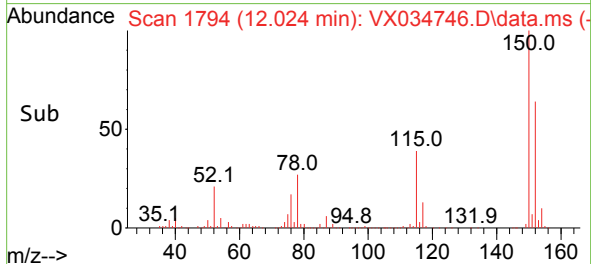
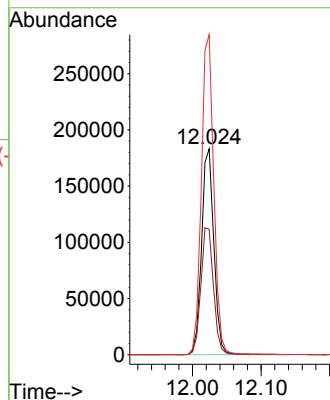
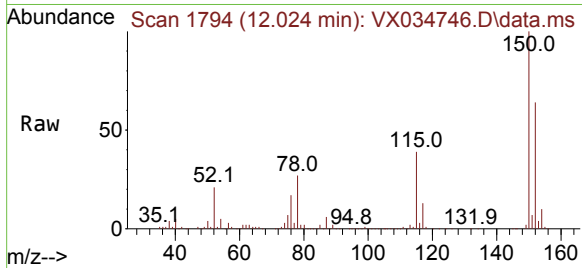




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034746.D
 Acq: 27 Mar 2023 13:30

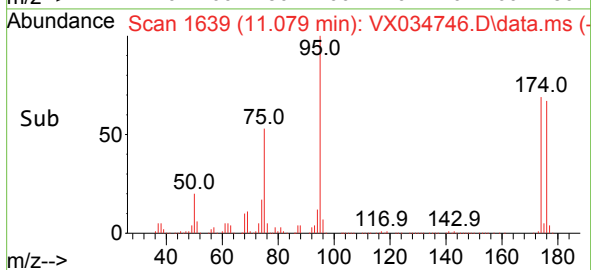
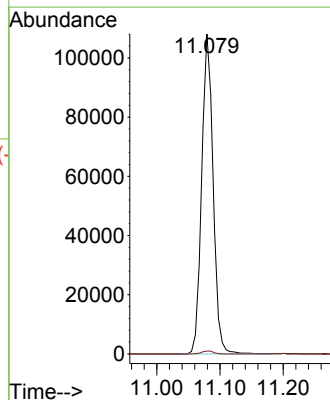
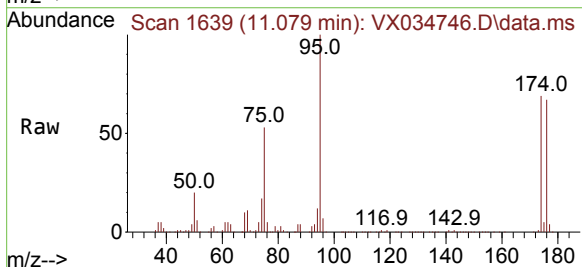
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-03-25

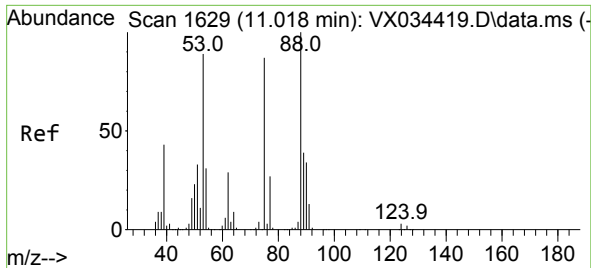
Tgt Ion:152 Resp: 228846
 Ion Ratio Lower Upper
 152 100
 115 63.4 45.0 135.0
 150 157.1 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 25.965 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034746.D
 Acq: 27 Mar 2023 13:30

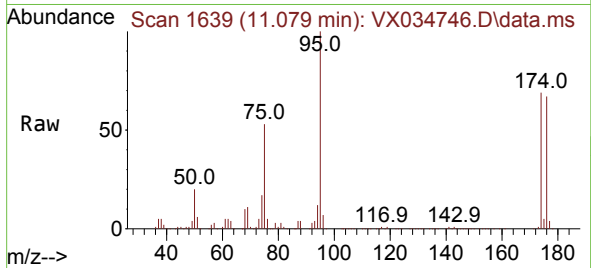
Tgt Ion: 75 Resp: 136433
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.242 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX034746.D
 Acq: 27 Mar 2023 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-03-25



Tgt Ion: 75 Resp: 136433
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

