

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034929.D
 Acq On : 03 Apr 2023 14:01
 Operator : JC/MD
 Sample : 02163-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: Apr 03 21:36:42 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)

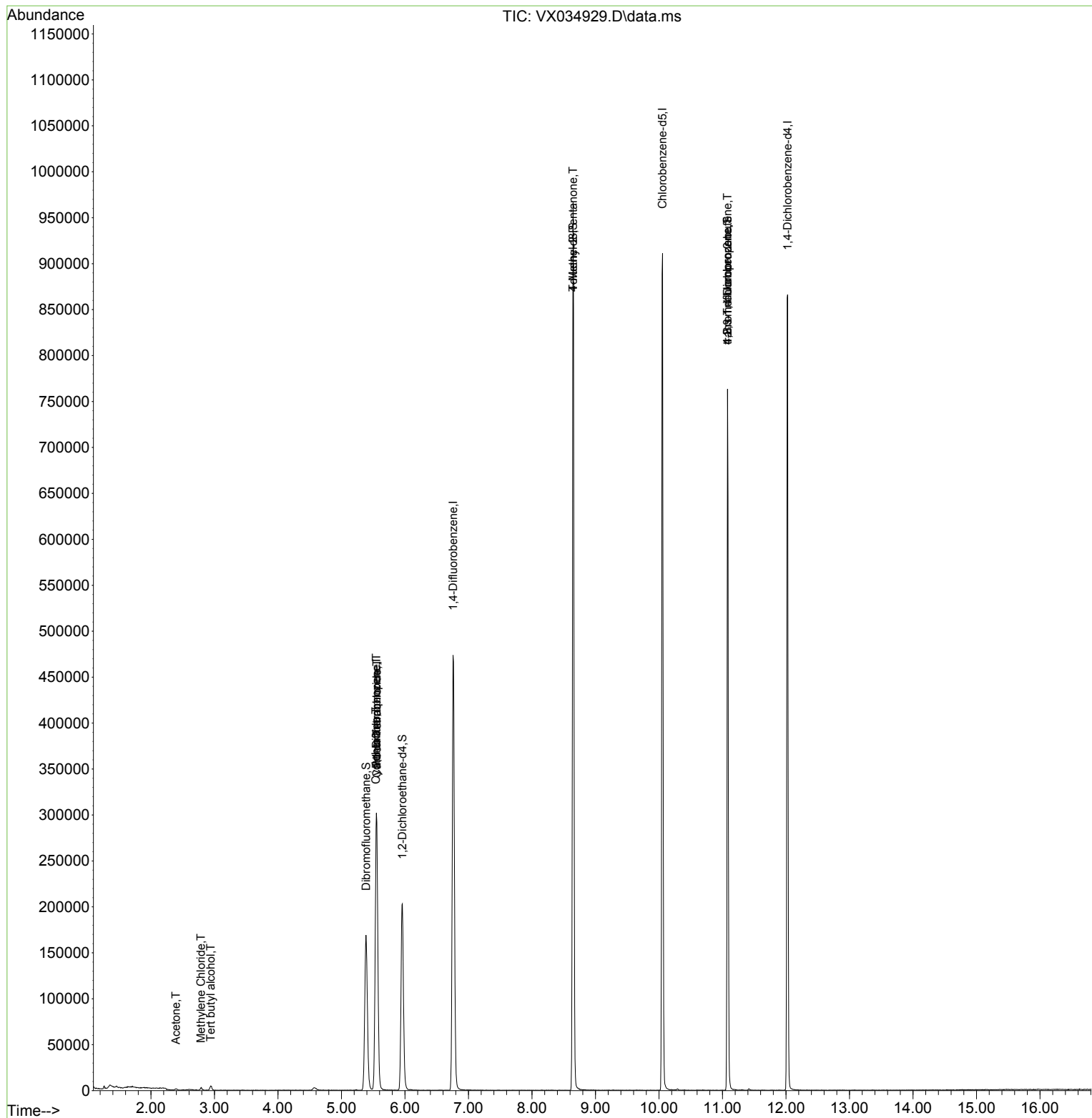
Internal Standards						
1) Pentafluorobenzene	5.550	168	272318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	464773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205148	49.259	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.520%		
35) Dibromofluoromethane	5.385	113	147736	48.058	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.120%		
50) Toluene-d8	8.647	98	557139	49.101	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.200%		
62) 4-Bromofluorobenzene	11.079	95	204594	46.595	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.200%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	3056	4.182	ug/l #	73
16) Acetone	2.392	43	1832	1.083	ug/l #	84
20) Methylene Chloride	2.788	84	1409	0.422	ug/l	94
31) Cyclohexane	5.544	56	6831	1.347	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	23511	5.162	ug/l #	50
38) Carbon Tetrachloride	5.556	117	29878	6.958	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2627	0.557	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	109957	30.524	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	109957	91.478	ug/l #	8

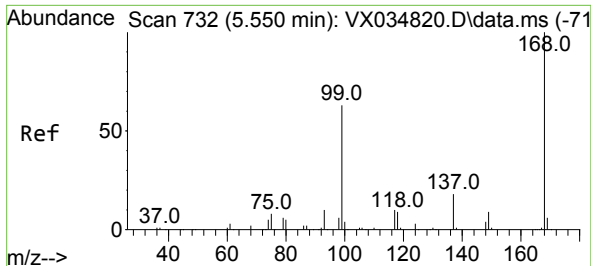
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

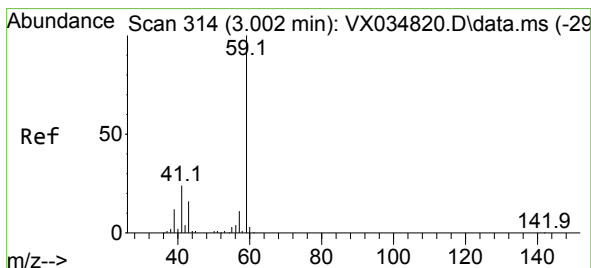
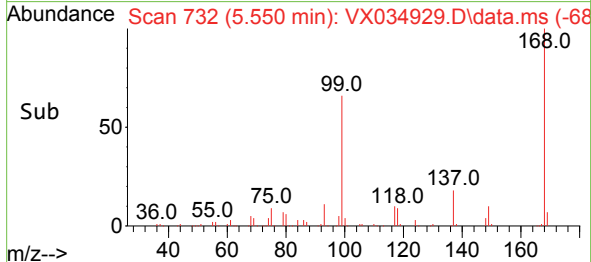
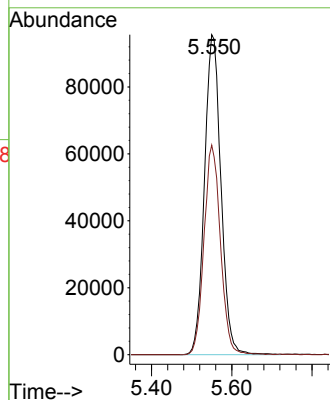
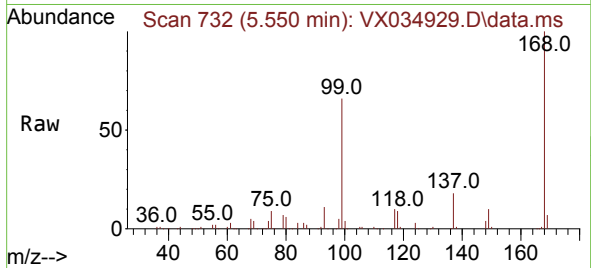




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034929.D
Acq: 03 Apr 2023 14:01

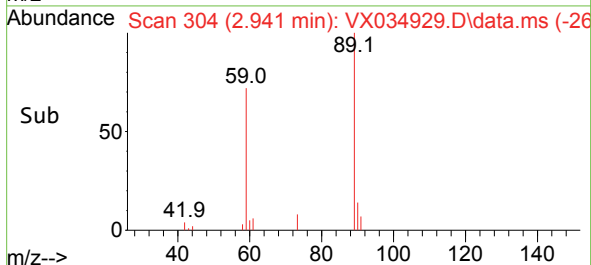
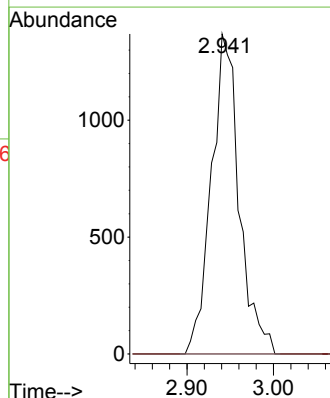
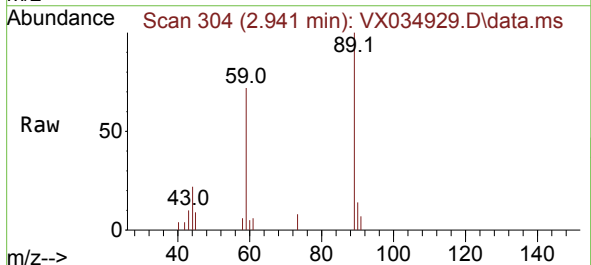
Instrument :
MSVOA_X
ClientSampleId :
FB

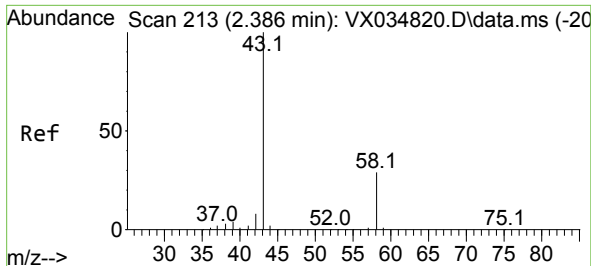
Tgt Ion:168 Resp: 272318
Ion Ratio Lower Upper
168 100
99 65.5 45.7 68.5



#11
Tert butyl alcohol
Concen: 4.182 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX034929.D
Acq: 03 Apr 2023 14:01

Tgt Ion: 59 Resp: 3056
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

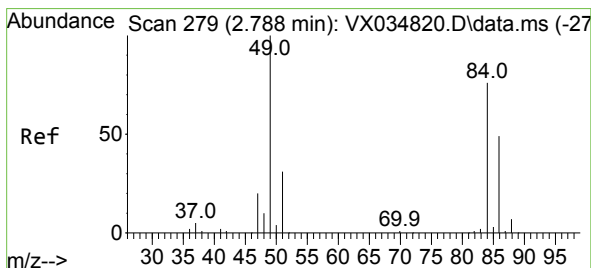
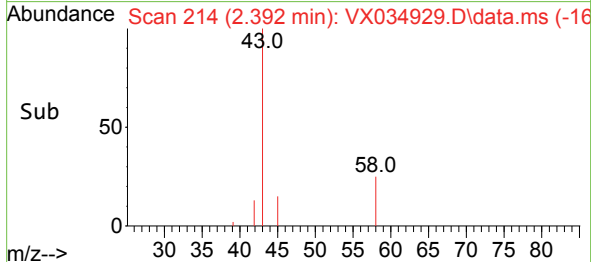
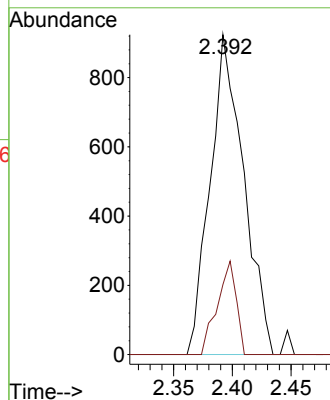
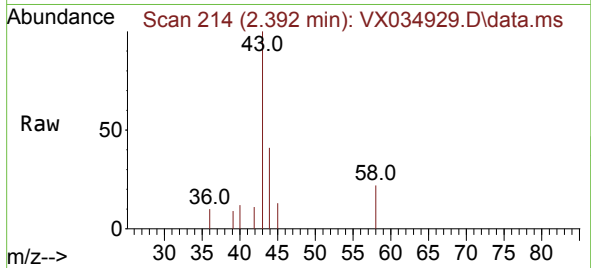




#16
Acetone
Concen: 1.083 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034929.D
Acq: 03 Apr 2023 14:01

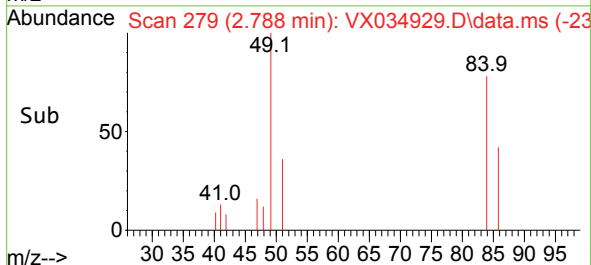
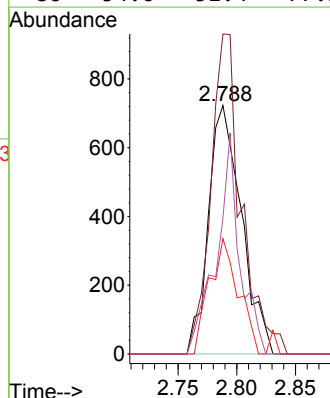
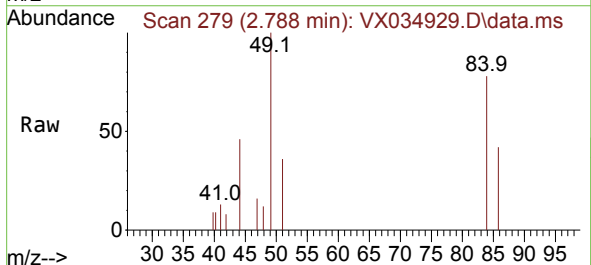
Instrument :
MSVOA_X
ClientSampleId :
FB

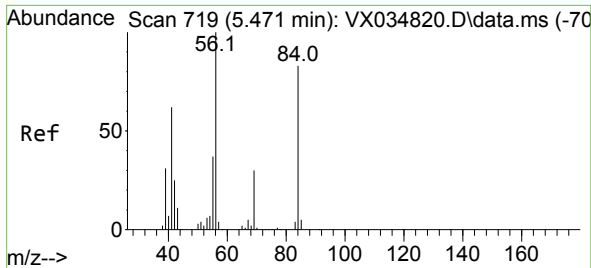
Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
58 21.9 24.7 37.1#



#20
Methylene Chloride
Concen: 0.422 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034929.D
Acq: 03 Apr 2023 14:01

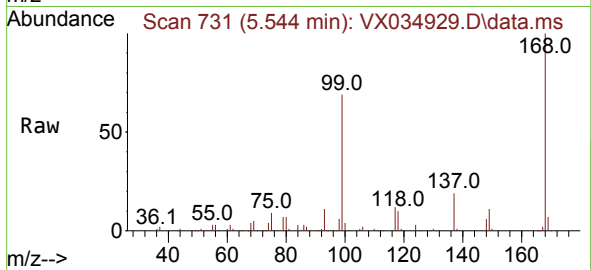
Tgt Ion: 84 Resp: 1409
Ion Ratio Lower Upper
84 100
49 128.8 103.8 155.8
51 46.3 31.8 47.8
86 54.6 51.4 77.2



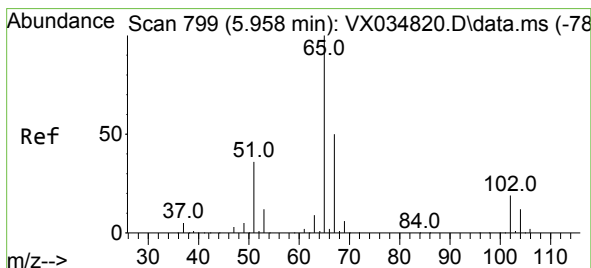
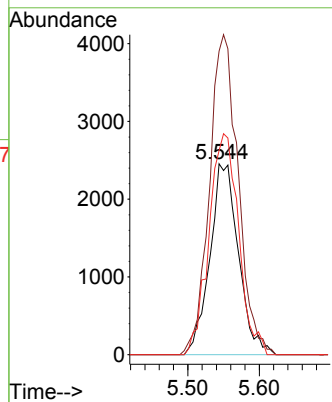
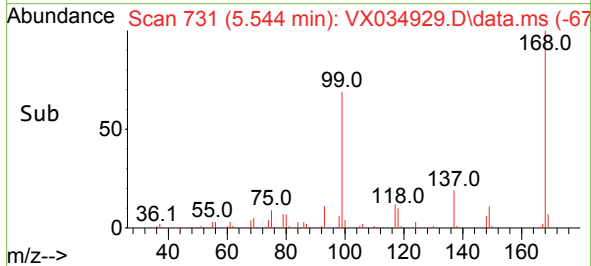


#31
Cyclohexane
Concen: 1.347 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034929.D
Acq: 03 Apr 2023 14:01

Instrument :
MSVOA_X
ClientSampleId :
FB

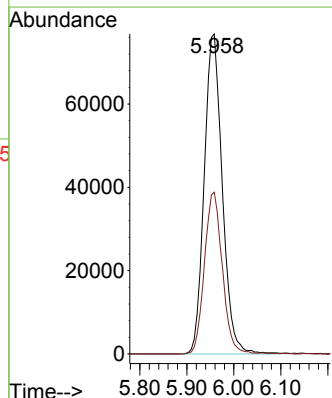
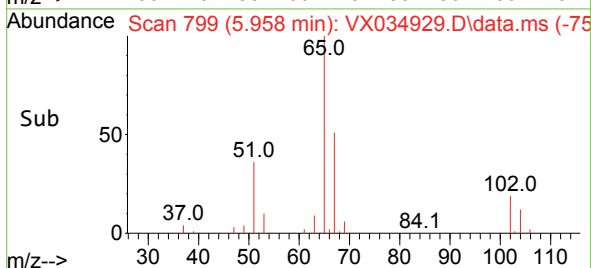
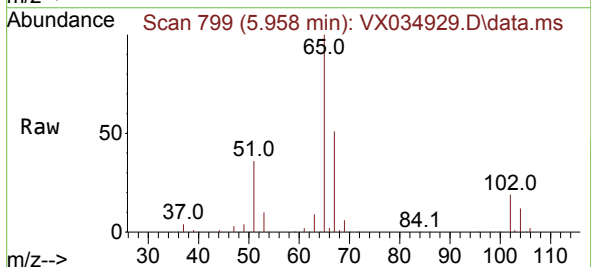


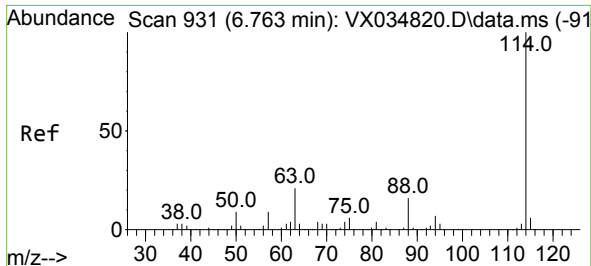
Tgt Ion: 56 Resp: 6831
Ion Ratio Lower Upper
56 100
69 159.0 23.7 35.5#
84 106.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.259 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX034929.D
Acq: 03 Apr 2023 14:01

Tgt Ion: 65 Resp: 205148
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX034929.D

Acq: 03 Apr 2023 14:01

Instrument :

MSVOA_X

ClientSampleId :

FB

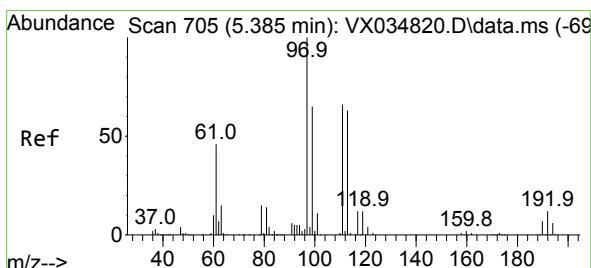
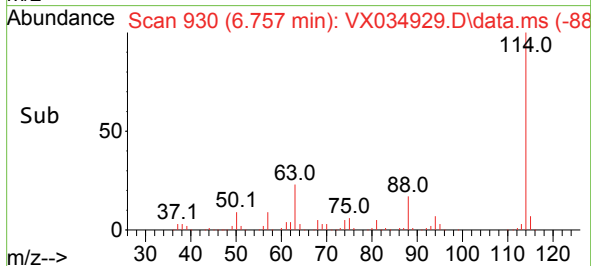
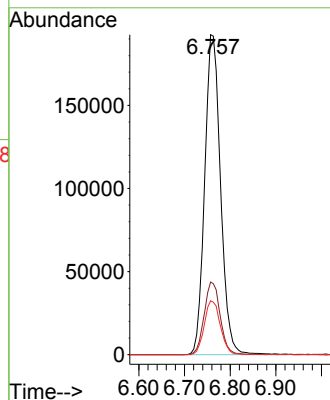
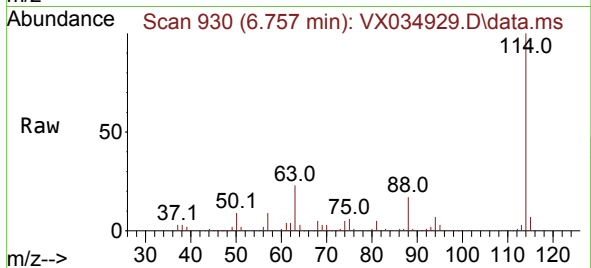
Tgt Ion:114 Resp: 464773

Ion Ratio Lower Upper

114 100

63 22.7 0.0 42.2

88 16.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.058 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034929.D

Acq: 03 Apr 2023 14:01

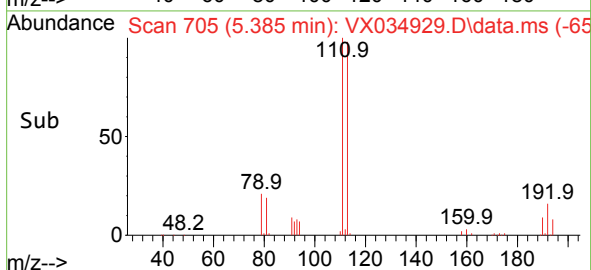
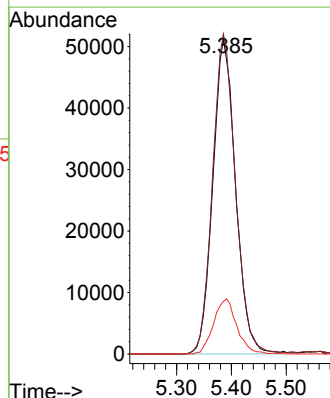
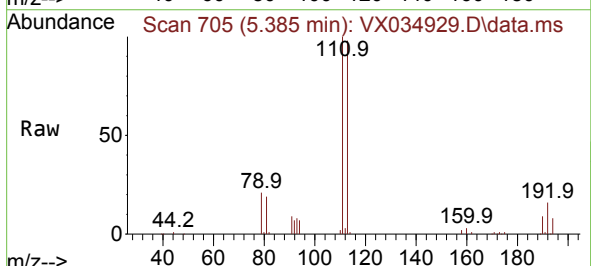
Tgt Ion:113 Resp: 147736

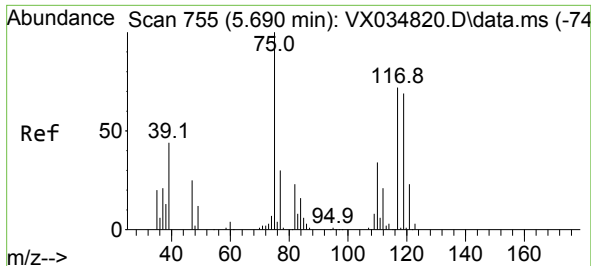
Ion Ratio Lower Upper

113 100

111 102.5 83.7 125.5

192 17.8 15.4 23.2

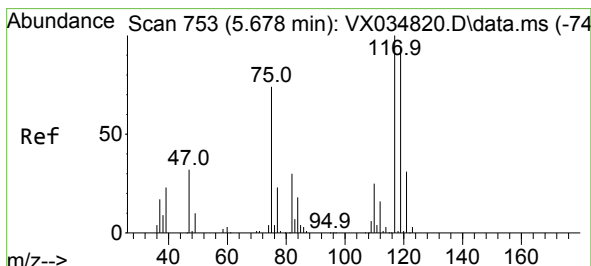
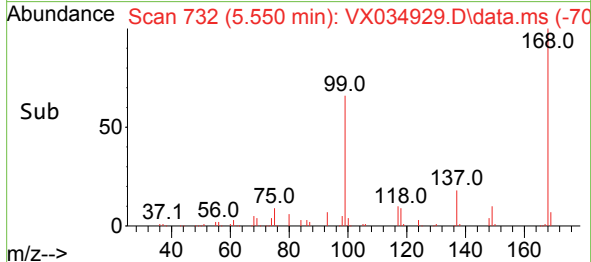
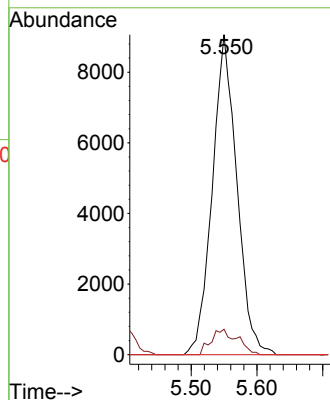
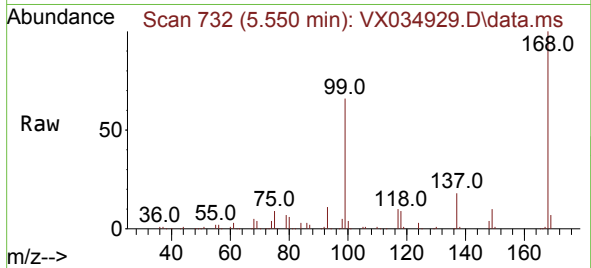




#36
1,1-Dichloropropene
Concen: 5.162 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX034929.D
Acq: 03 Apr 2023 14:01

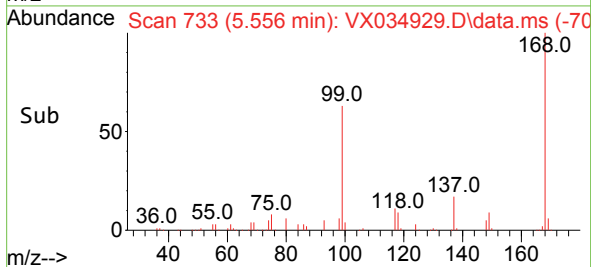
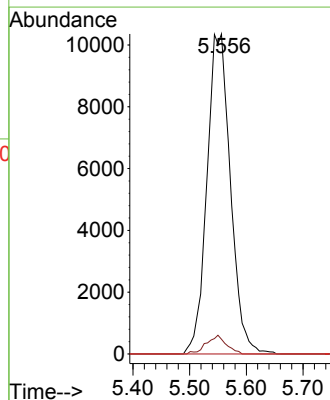
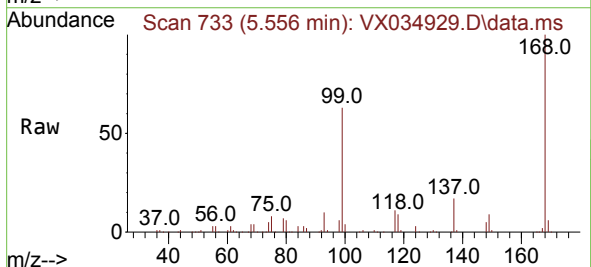
Instrument :
MSVOA_X
ClientSampleId :
FB

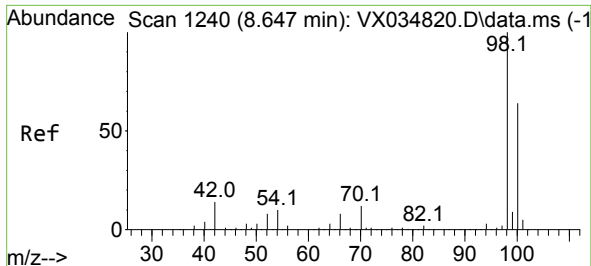
Tgt Ion: 75 Resp: 23511
Ion Ratio Lower Upper
75 100
110 8.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.958 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX034929.D
Acq: 03 Apr 2023 14:01

Tgt Ion: 117 Resp: 29878
Ion Ratio Lower Upper
117 100
119 4.6 76.6 114.8#
121 0.0 23.8 35.6#

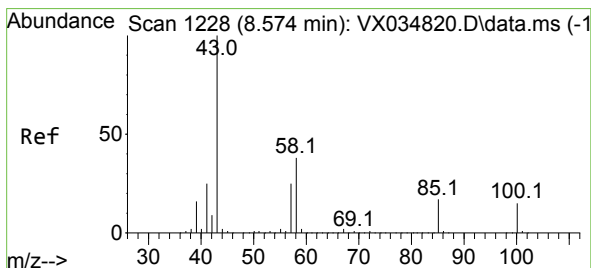
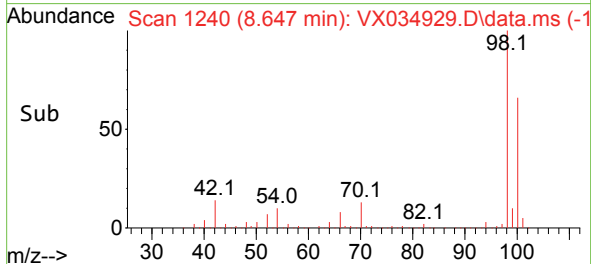
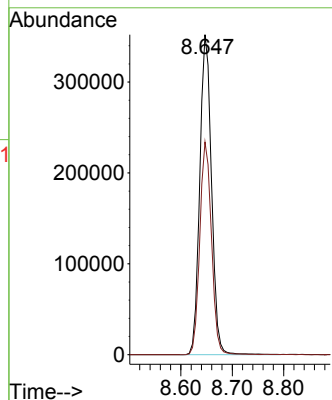
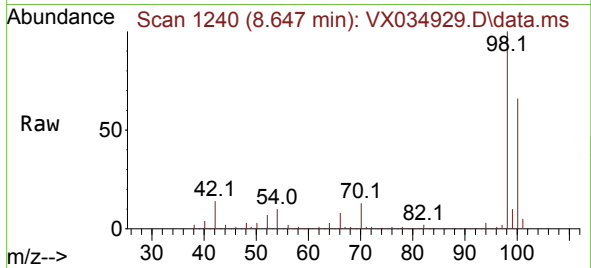




#50
Toluene-d8
Concen: 49.101 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034929.D
Acq: 03 Apr 2023 14:01

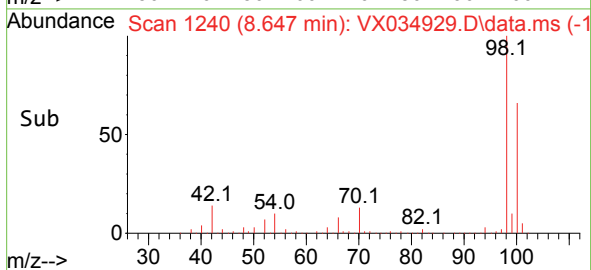
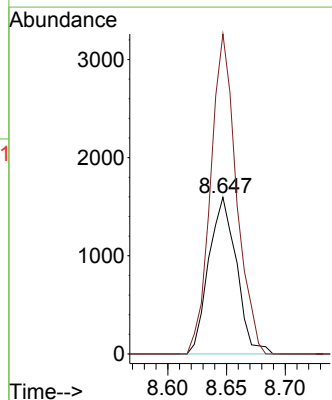
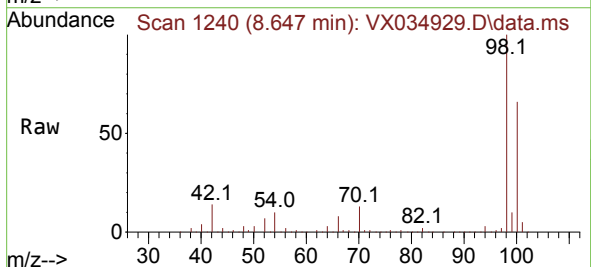
Instrument :
MSVOA_X
ClientSampleId :
FB

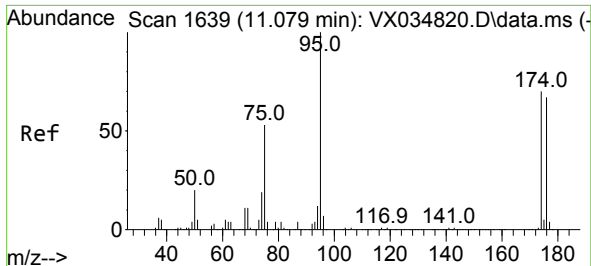
Tgt Ion: 98 Resp: 557139
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.557 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034929.D
Acq: 03 Apr 2023 14:01

Tgt Ion: 43 Resp: 2627
Ion Ratio Lower Upper
43 100
58 189.8 30.6 46.0#

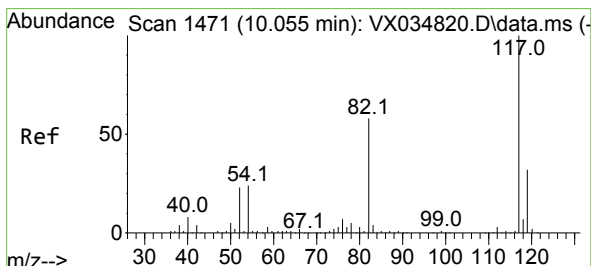
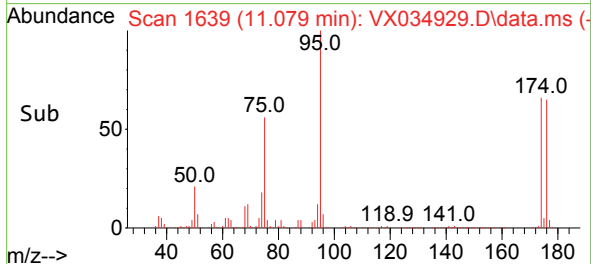
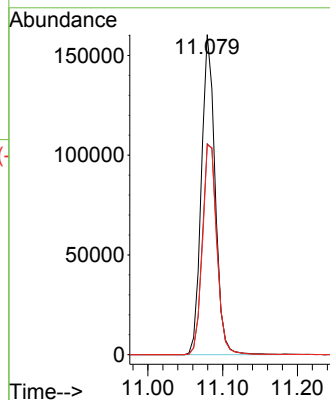
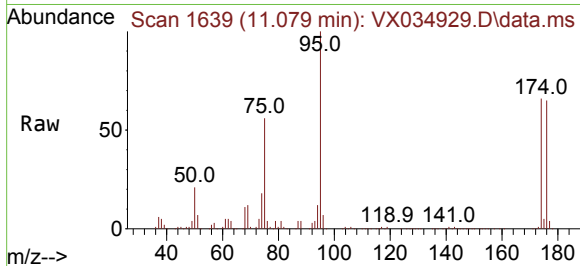




#62
4-Bromofluorobenzene
Concen: 46.595 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034929.D
Acq: 03 Apr 2023 14:01

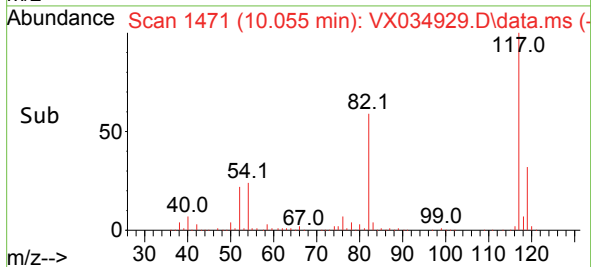
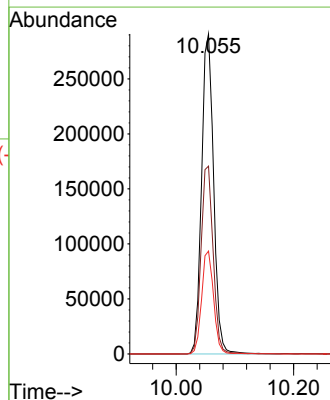
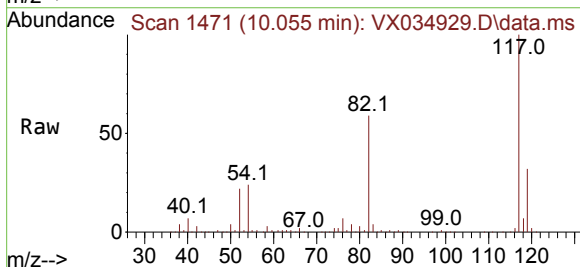
Instrument :
MSVOA_X
ClientSampleId :
FB

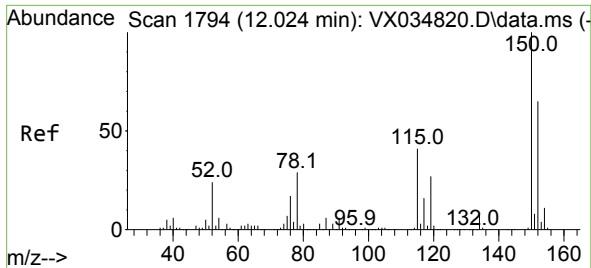
Tgt Ion: 95 Resp: 204594
Ion Ratio Lower Upper
95 100
174 70.1 0.0 147.4
176 68.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034929.D
Acq: 03 Apr 2023 14:01

Tgt Ion: 117 Resp: 413840
Ion Ratio Lower Upper
117 100
82 58.7 45.0 67.4
119 32.2 26.0 39.0

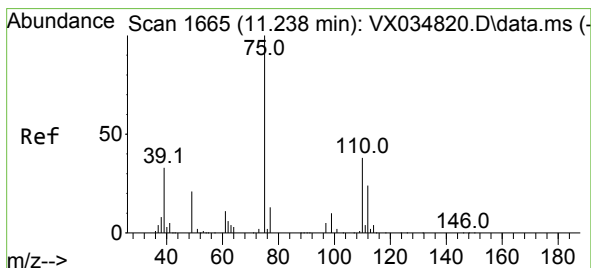
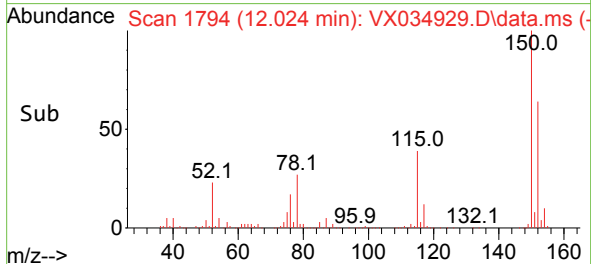
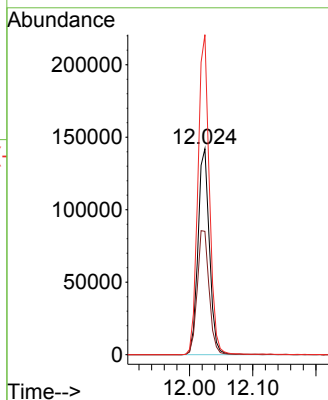
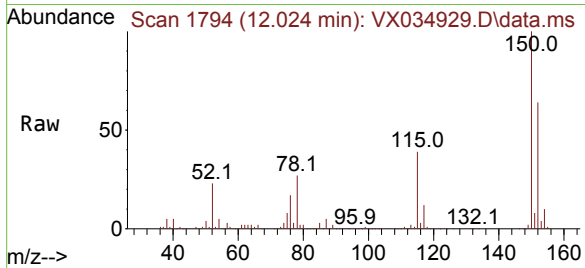




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034929.D
 Acq: 03 Apr 2023 14:01

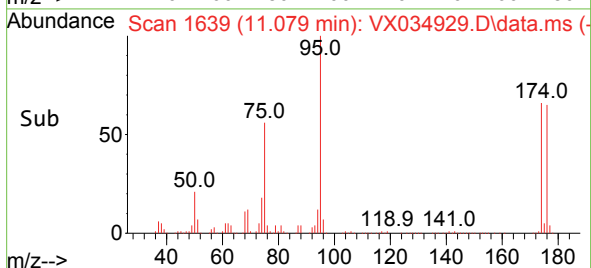
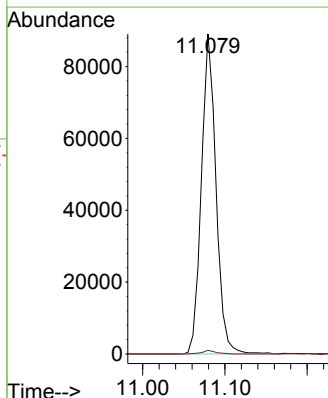
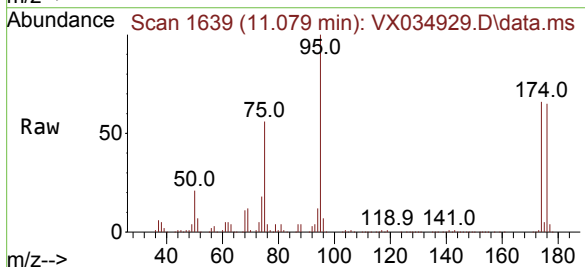
Instrument :
 MSVOA_X
 ClientSampleId :
 FB

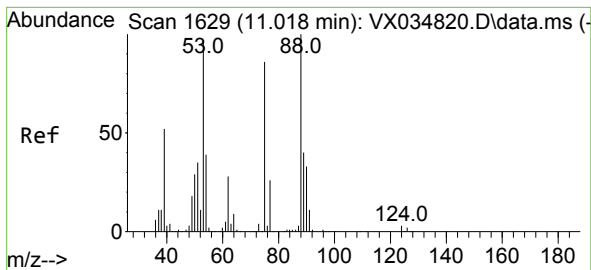
Tgt Ion:152 Resp: 178782
 Ion Ratio Lower Upper
 152 100
 115 62.8 45.0 135.0
 150 155.6 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 30.524 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034929.D
 Acq: 03 Apr 2023 14:01

Tgt Ion: 75 Resp: 109957
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.478 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX034929.D
 Acq: 03 Apr 2023 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Tgt Ion: 75 Resp: 109957
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

