

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035016.D
 Acq On : 11 Apr 2023 17:53
 Operator : JC/MD
 Sample : 02263-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Apr 12 05:53:05 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)

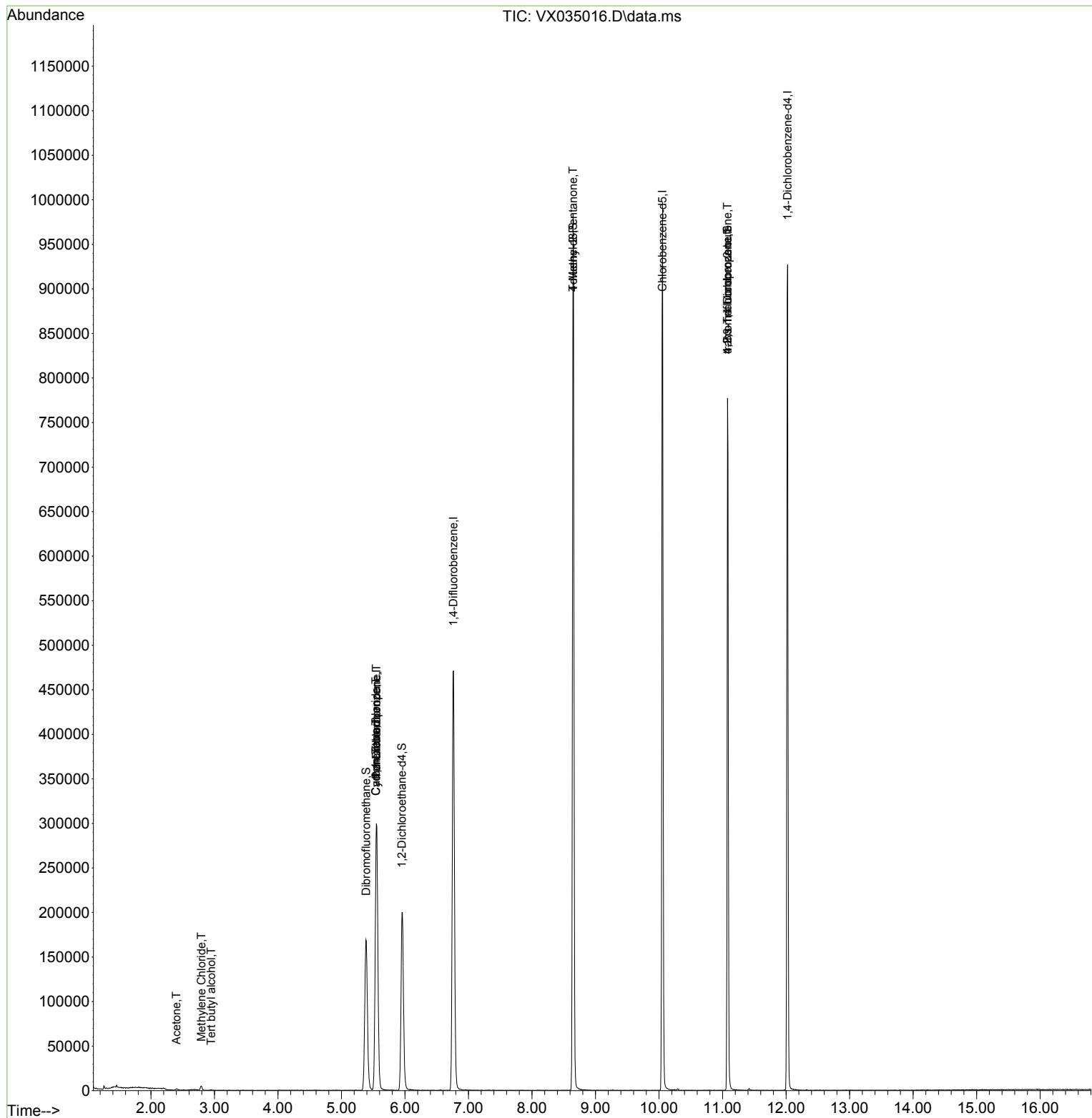
Internal Standards						
1) Pentafluorobenzene	5.550	168	278865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	477885	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	430242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	199448	46.766	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.540%
35) Dibromofluoromethane	5.385	113	150283	47.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.100%
50) Toluene-d8	8.647	98	575576	49.335	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.660%
62) 4-Bromofluorobenzene	11.079	95	213443	47.277	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	168	0.225	ug/l #	73
16) Acetone	2.398	43	2141	1.236	ug/l	98
20) Methylene Chloride	2.794	84	2071	0.606	ug/l	95
31) Cyclohexane	5.544	56	6165	1.187	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23390	4.995	ug/l #	51
38) Carbon Tetrachloride	5.544	117	29831	6.757	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2654	0.547	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	112840	29.111	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	112840	87.243	ug/l #	8

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

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Response via : Initial Calibration

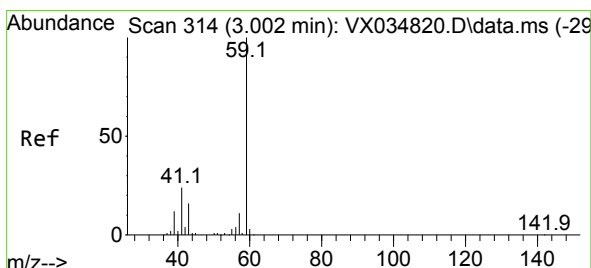
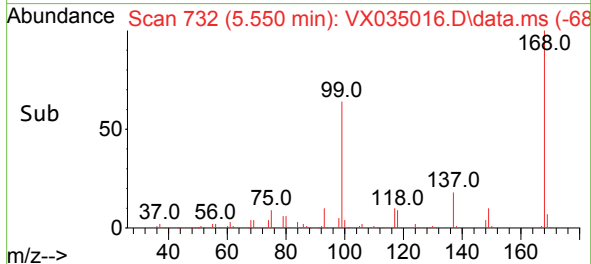
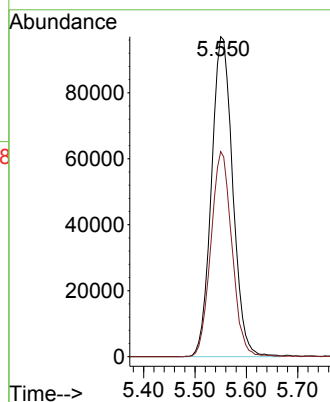
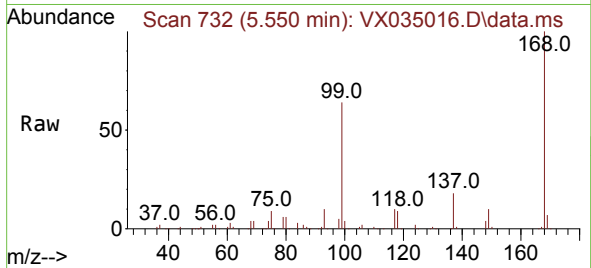




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035016.D
Acq: 11 Apr 2023 17:53

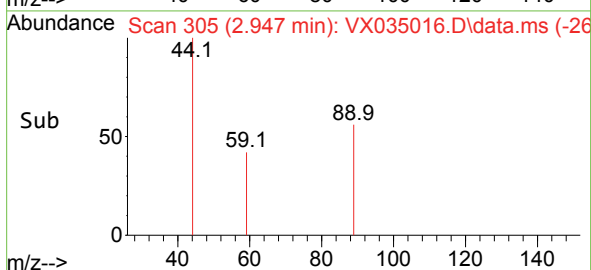
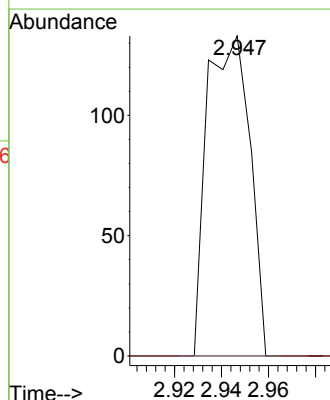
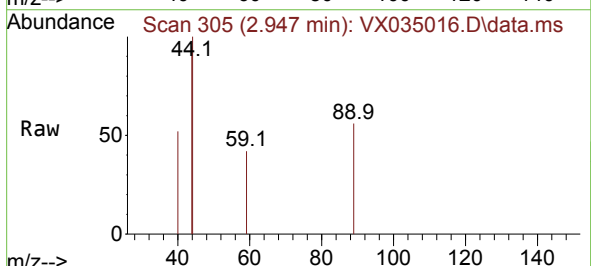
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

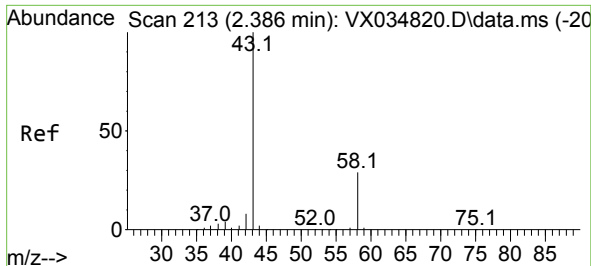
Tgt Ion:168 Resp: 278865
Ion Ratio Lower Upper
168 100
99 64.1 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.225 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX035016.D
Acq: 11 Apr 2023 17:53

Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

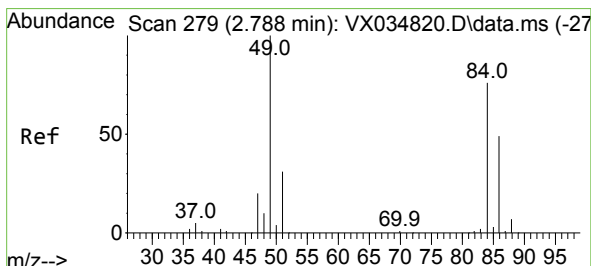
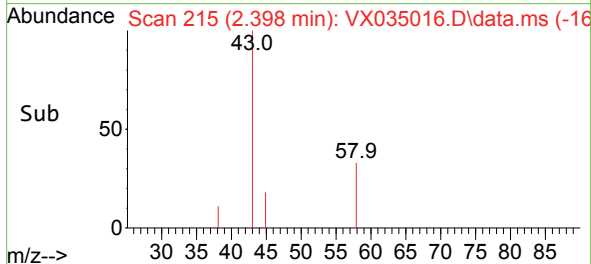
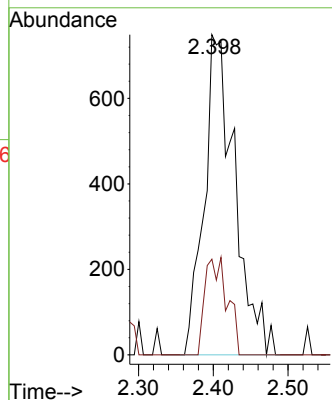
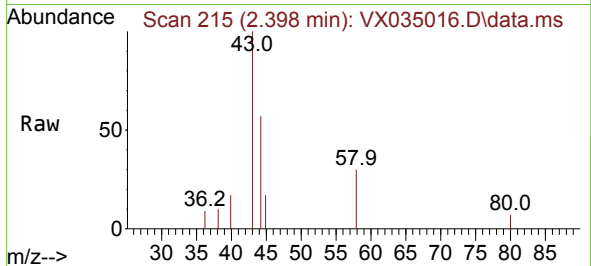




#16
Acetone
Concen: 1.236 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX035016.D
Acq: 11 Apr 2023 17:53

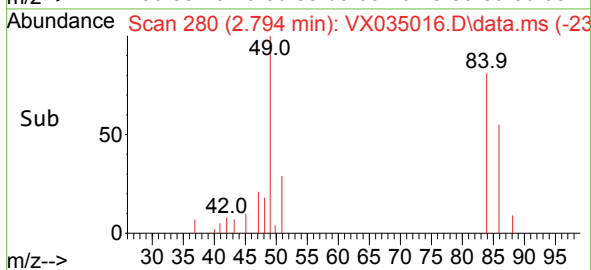
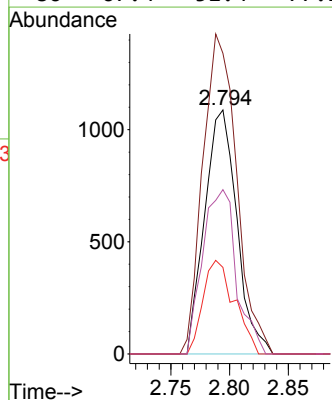
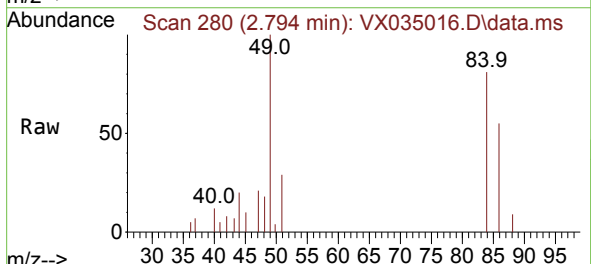
Instrument :
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ClientSampleId :
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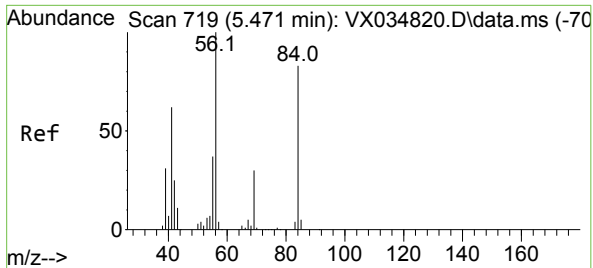
Tgt Ion: 43 Resp: 2141
Ion Ratio Lower Upper
43 100
58 29.9 24.7 37.1



#20
Methylene Chloride
Concen: 0.606 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035016.D
Acq: 11 Apr 2023 17:53

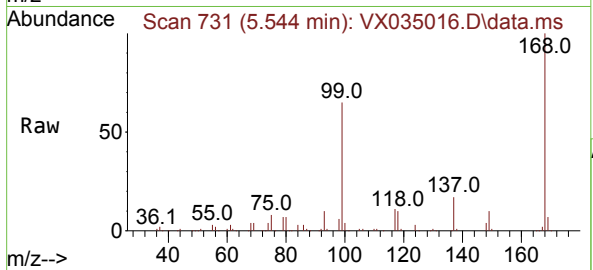
Tgt Ion: 84 Resp: 2071
Ion Ratio Lower Upper
84 100
49 123.3 103.8 155.8
51 35.5 31.8 47.8
86 67.4 51.4 77.2



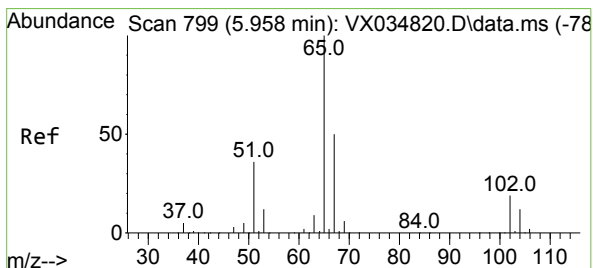
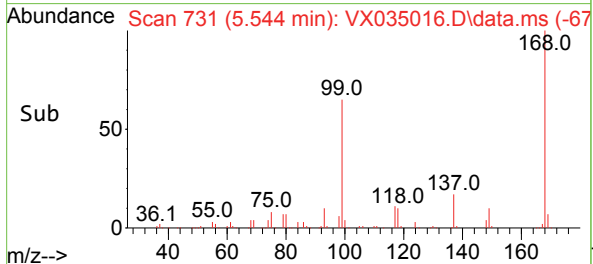
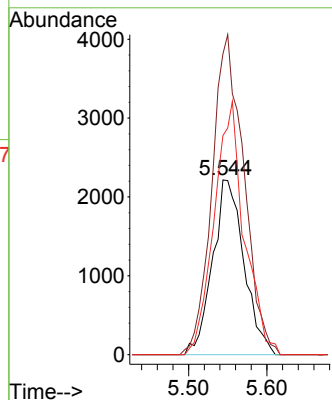


#31
Cyclohexane
Concen: 1.187 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035016.D
Acq: 11 Apr 2023 17:53

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

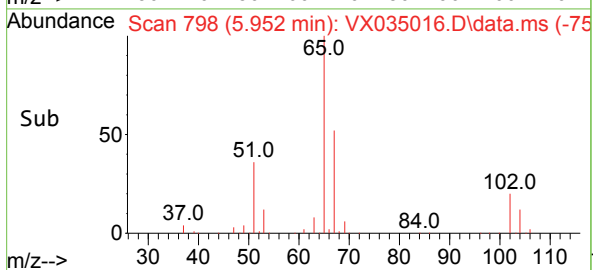
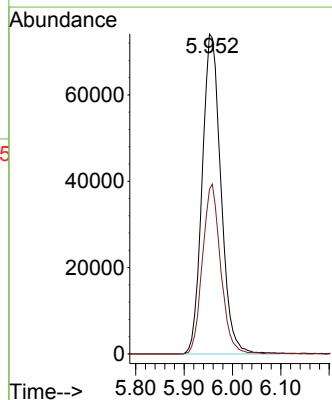
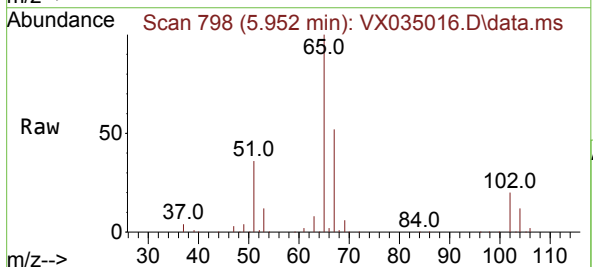


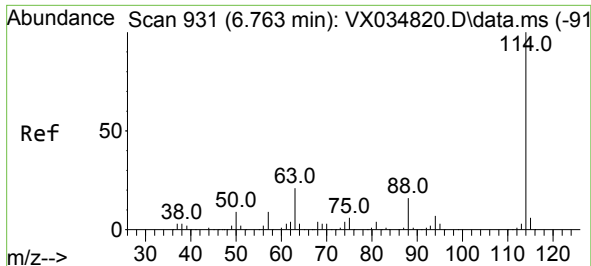
Tgt Ion: 56 Resp: 6165
Ion Ratio Lower Upper
56 100
69 172.0 23.7 35.5#
84 125.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.766 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035016.D
Acq: 11 Apr 2023 17:53

Tgt Ion: 65 Resp: 199448
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

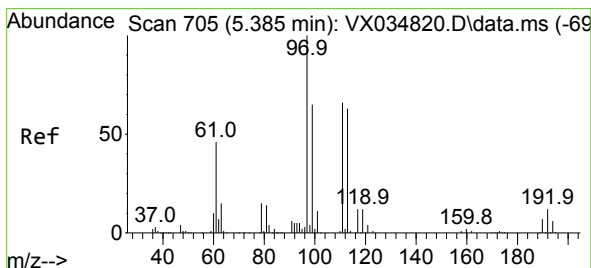
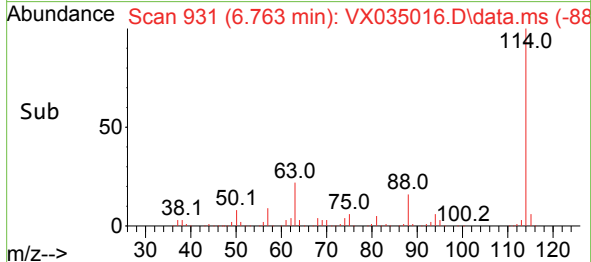
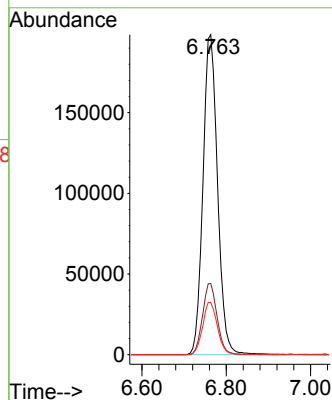
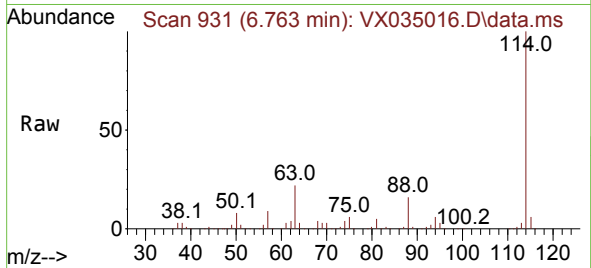




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035016.D
Acq: 11 Apr 2023 17:53

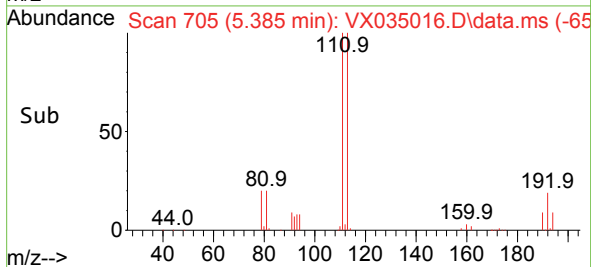
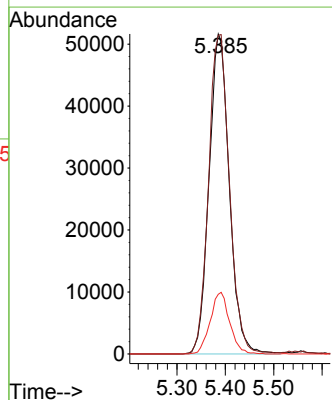
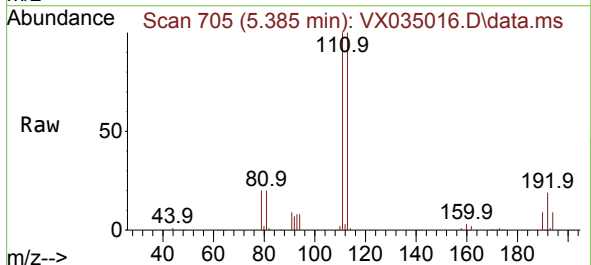
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

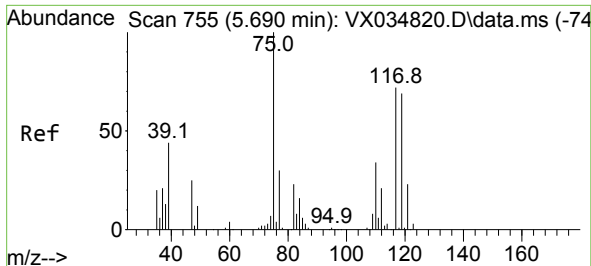
Tgt Ion:114 Resp: 477885
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.545 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035016.D
Acq: 11 Apr 2023 17:53

Tgt Ion:113 Resp: 150283
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 18.5 15.4 23.2

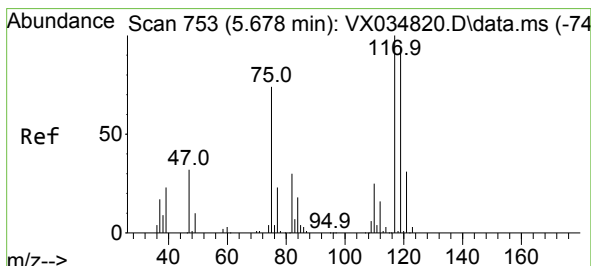
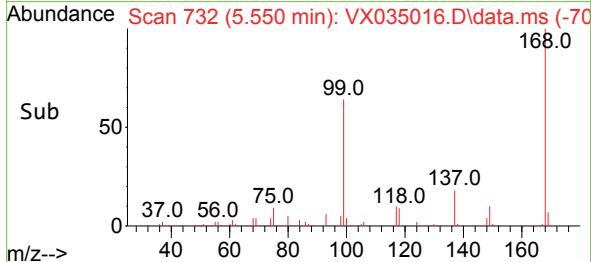
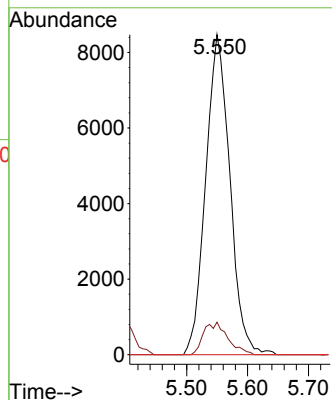
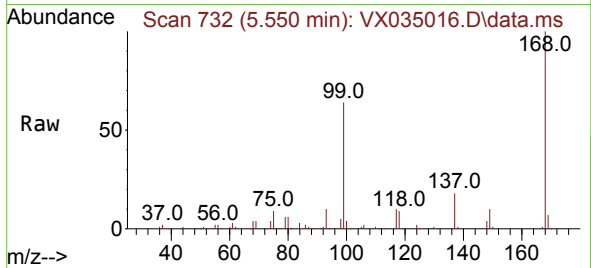




#36
1,1-Dichloropropene
Concen: 4.995 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX035016.D
Acq: 11 Apr 2023 17:53

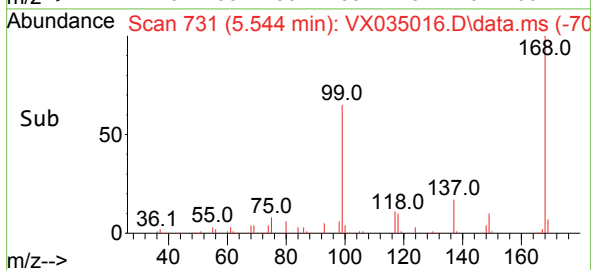
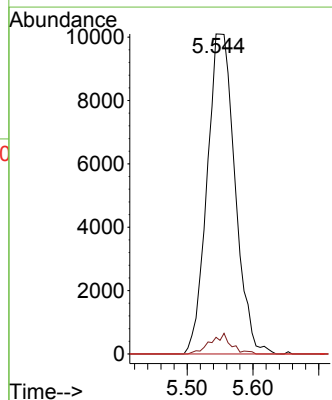
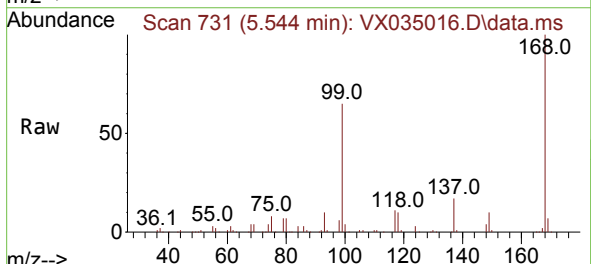
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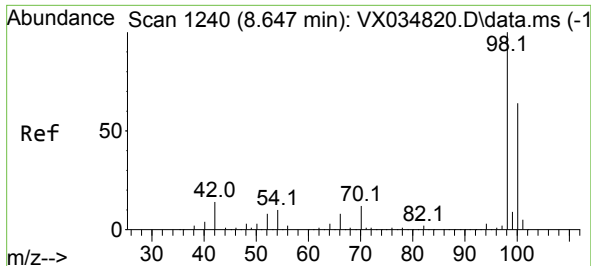
Tgt Ion: 75 Resp: 23390
Ion Ratio Lower Upper
75 100
110 10.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.757 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX035016.D
Acq: 11 Apr 2023 17:53

Tgt Ion: 117 Resp: 29831
Ion Ratio Lower Upper
117 100
119 5.2 76.6 114.8#
121 0.0 23.8 35.6#

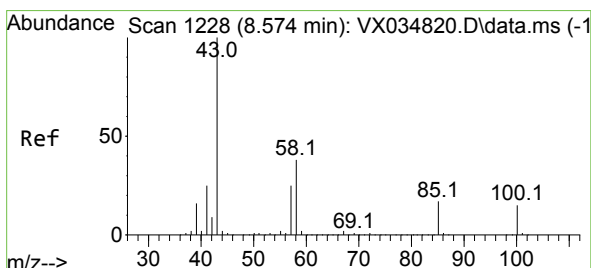
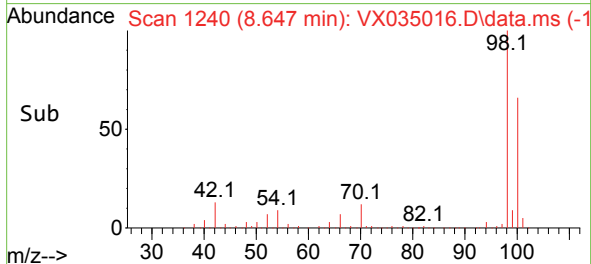
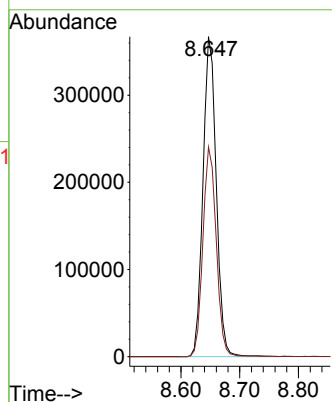
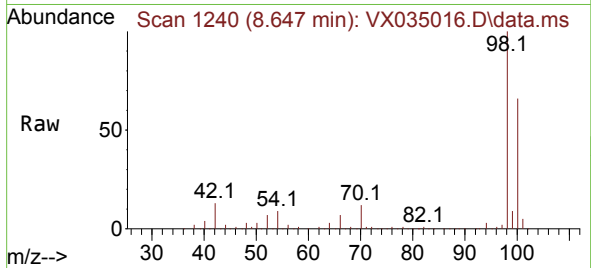




#50
Toluene-d8
Concen: 49.335 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035016.D
Acq: 11 Apr 2023 17:53

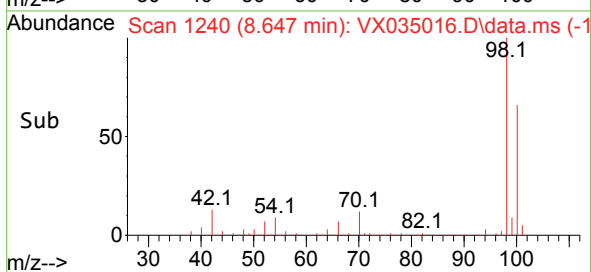
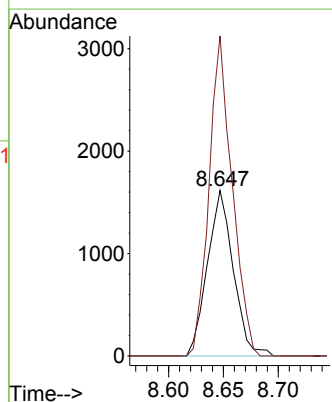
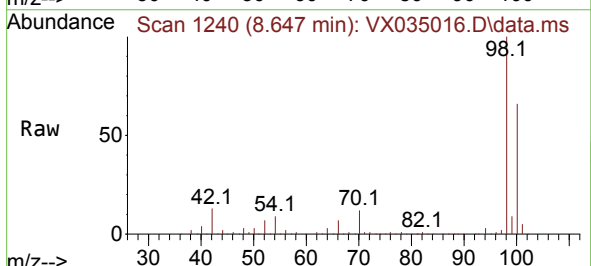
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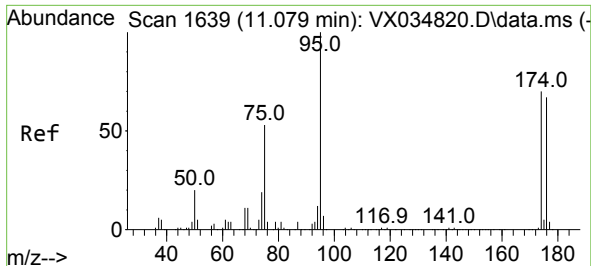
Tgt Ion: 98 Resp: 575576
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.547 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035016.D
Acq: 11 Apr 2023 17:53

Tgt Ion: 43 Resp: 2654
Ion Ratio Lower Upper
43 100
58 173.1 30.6 46.0#

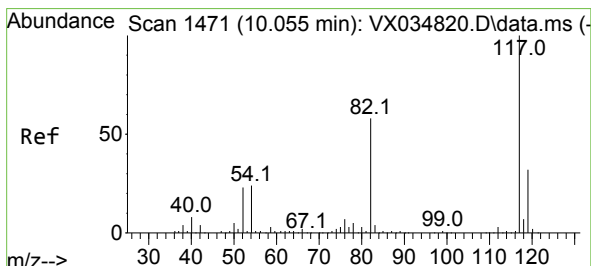
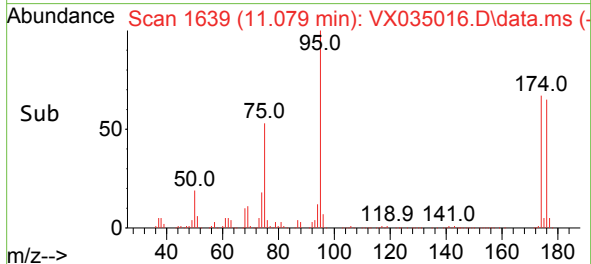
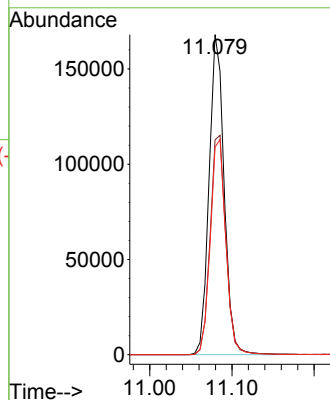
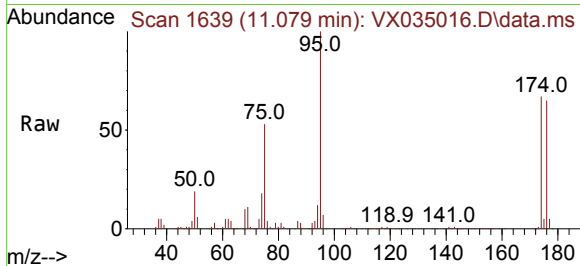




#62
4-Bromofluorobenzene
Concen: 47.277 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035016.D
Acq: 11 Apr 2023 17:53

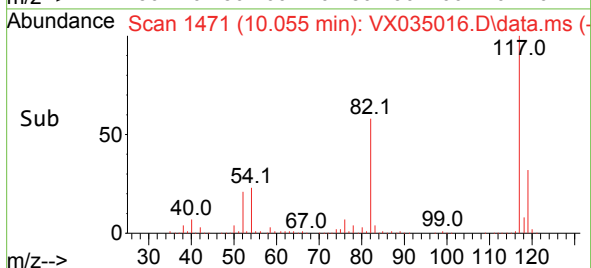
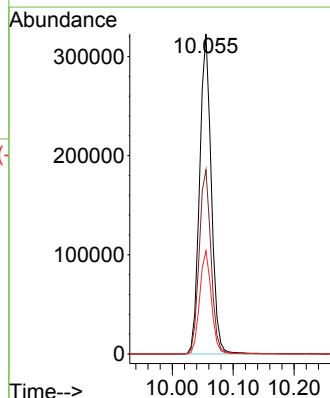
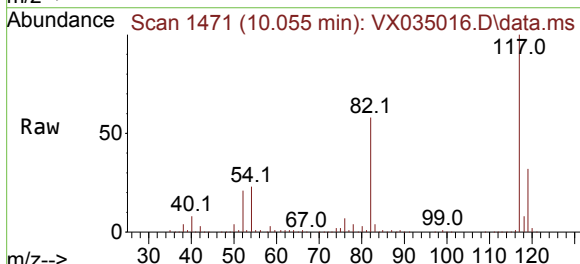
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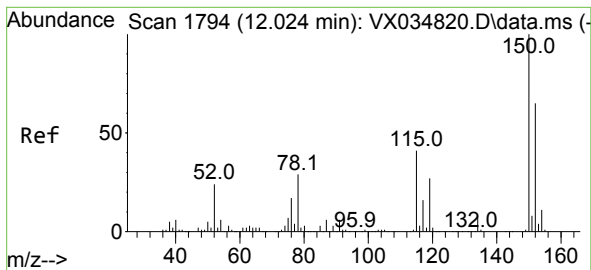
Tgt Ion: 95 Resp: 213443
Ion Ratio Lower Upper
95 100
174 71.8 0.0 147.4
176 69.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035016.D
Acq: 11 Apr 2023 17:53

Tgt Ion: 117 Resp: 430242
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 32.3 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: VX035016.D

Acq: 11 Apr 2023 17:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

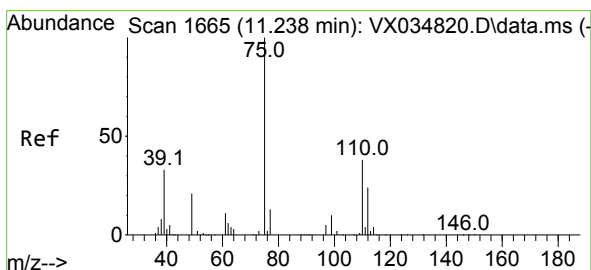
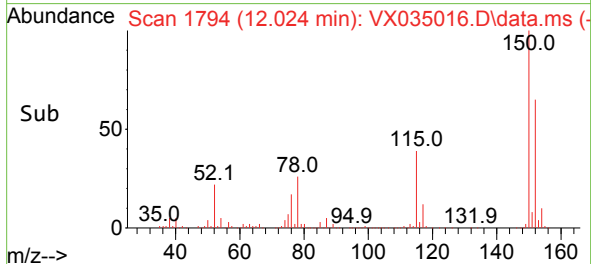
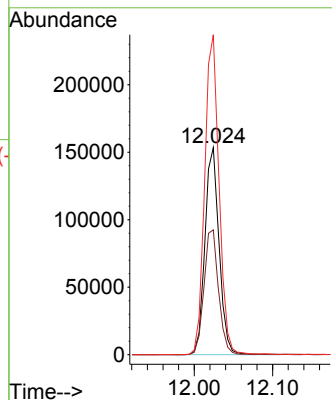
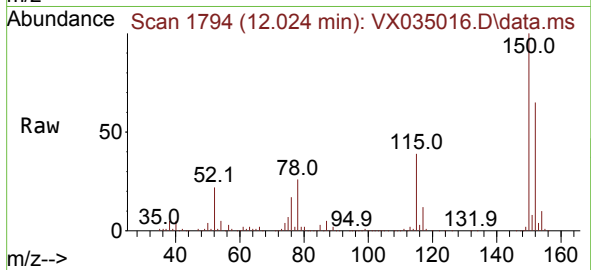
Tgt Ion:152 Resp: 192376

Ion Ratio Lower Upper

152 100

115 61.9 45.0 135.0

150 156.6 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 29.111 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035016.D

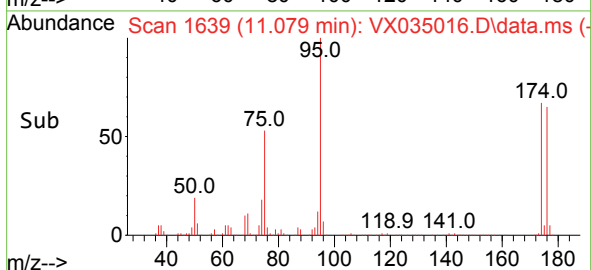
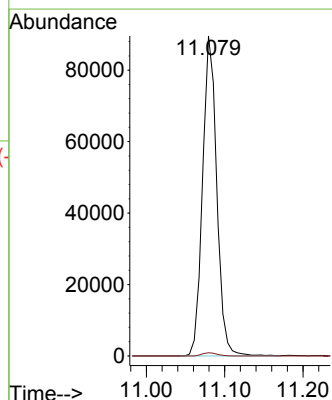
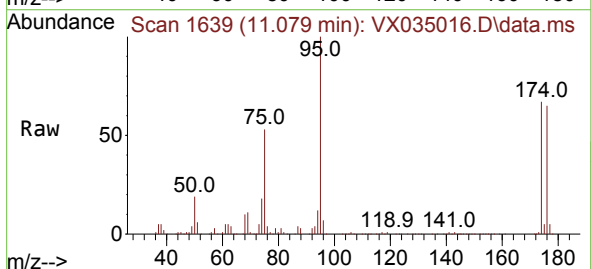
Acq: 11 Apr 2023 17:53

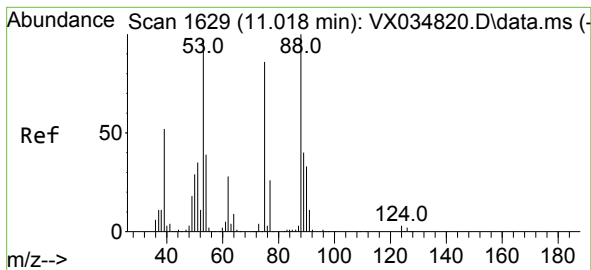
Tgt Ion: 75 Resp: 112840

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.243 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX035016.D
 Acq: 11 Apr 2023 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 112840
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

