

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035512.D
 Acq On : 03 May 2023 16:10
 Operator : JC/MD
 Sample : 02561-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: May 04 03:58:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

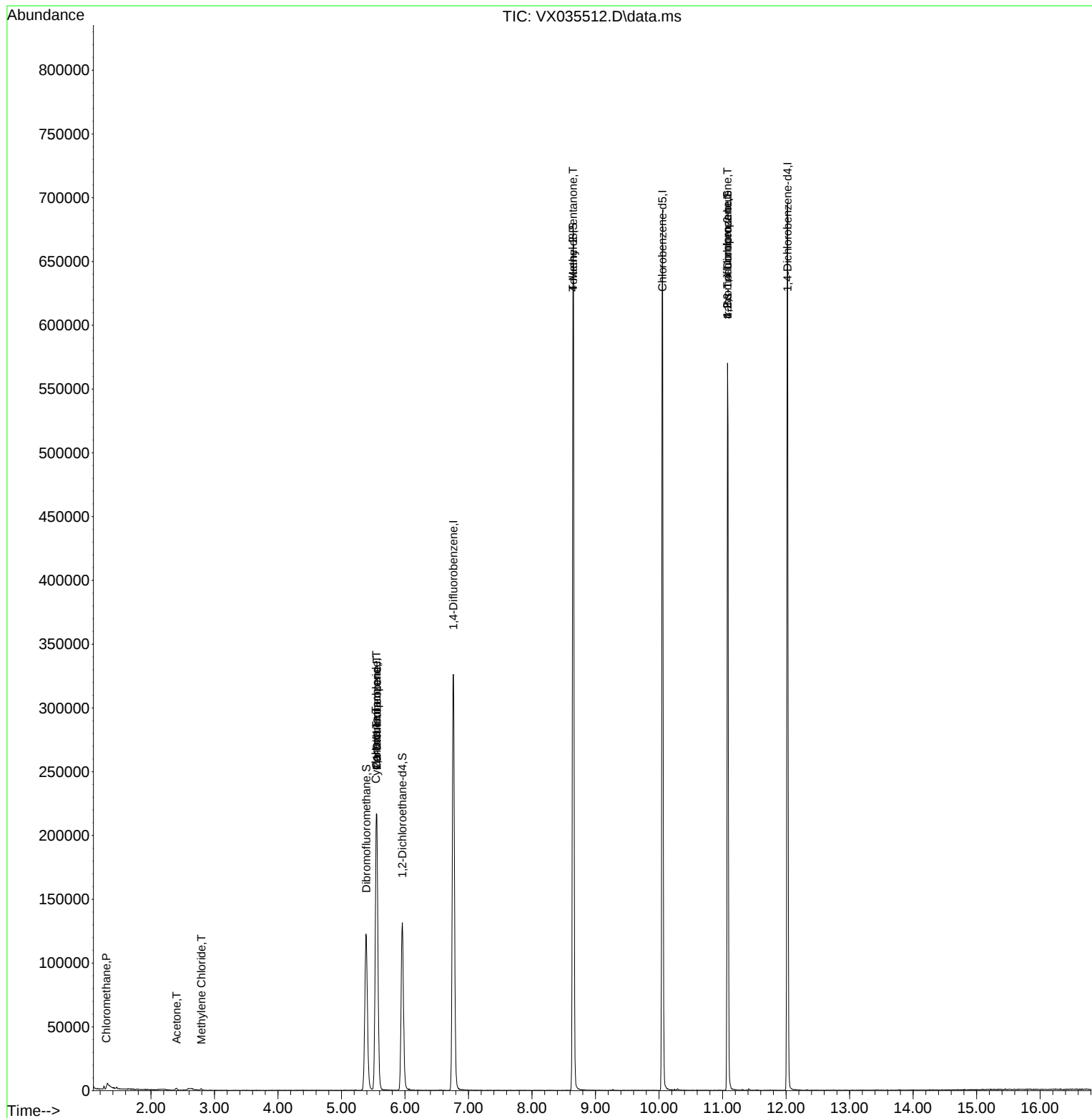
Internal Standards						
1) Pentafluorobenzene	5.556	168	219229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	350953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129880	49.106	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.220%
35) Dibromofluoromethane	5.391	113	108251	50.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.500%
50) Toluene-d8	8.647	98	409608	50.408	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.820%
62) 4-Bromofluorobenzene	11.079	95	159493	52.177	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.360%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	521	0.247	ug/l	92
16) Acetone	2.404	43	2061	1.794	ug/l	98
20) Methylene Chloride	2.794	84	749	0.284	ug/l #	53
31) Cyclohexane	5.544	56	4031	1.074	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15109	4.492	ug/l #	51
38) Carbon Tetrachloride	5.550	117	21414	6.707	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1574	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	77189	25.075	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	77189	81.214	ug/l #	8

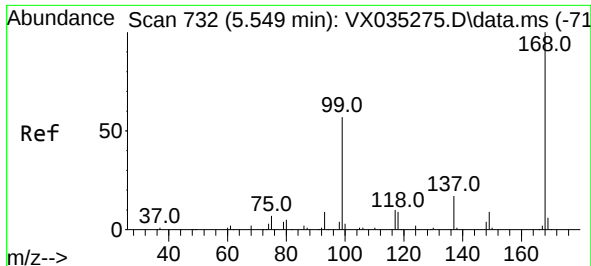
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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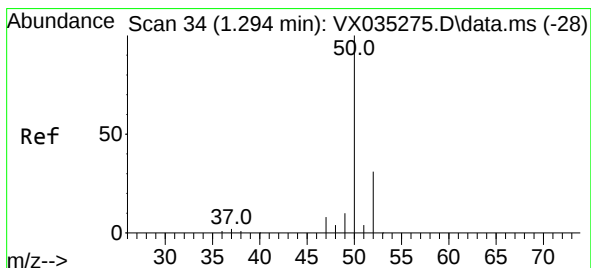
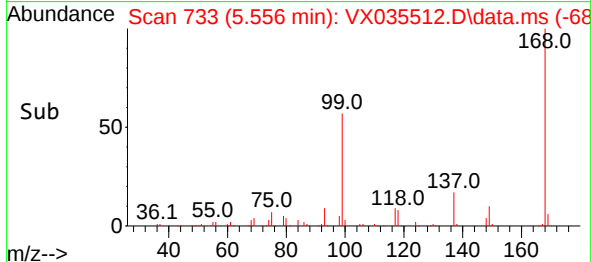
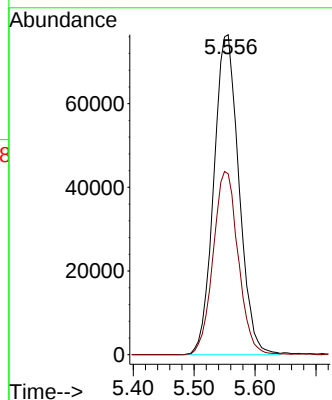
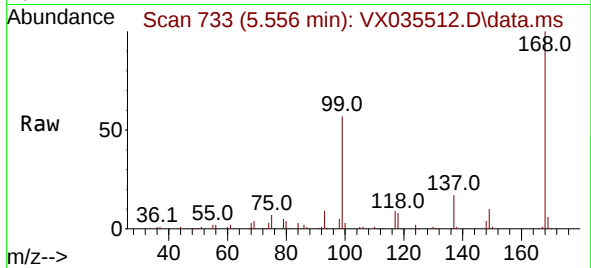




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035512.D
Acq: 03 May 2023 16:10

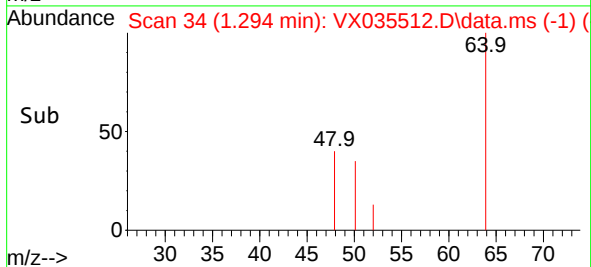
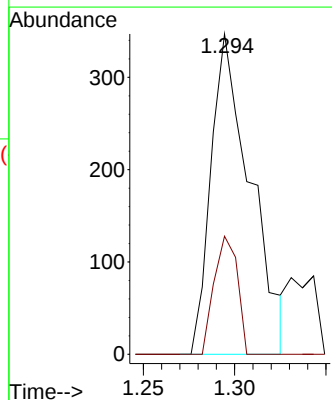
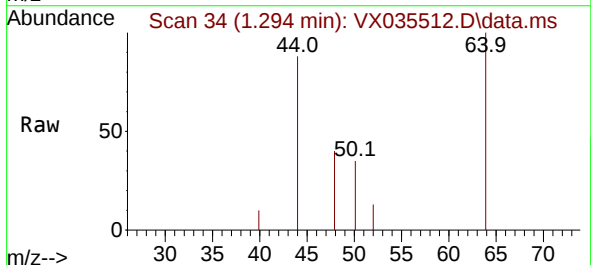
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

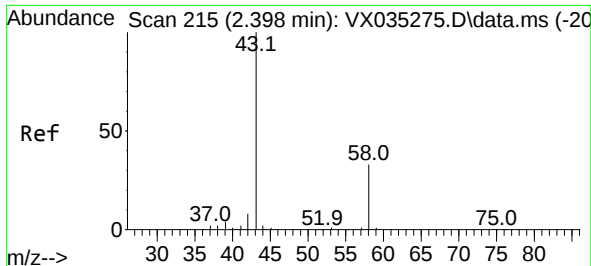
Tgt Ion:168 Resp: 219229
Ion Ratio Lower Upper
168 100
99 56.6 45.7 68.5



#3
Chloromethane
Concen: 0.247 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035512.D
Acq: 03 May 2023 16:10

Tgt Ion: 50 Resp: 521
Ion Ratio Lower Upper
50 100
52 36.9 25.9 38.9

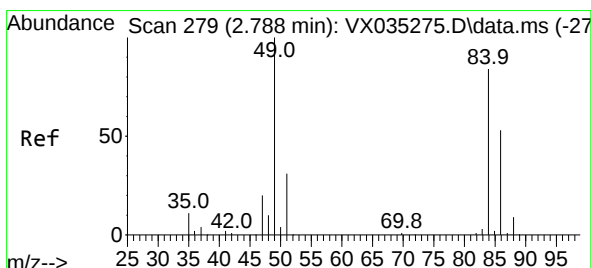
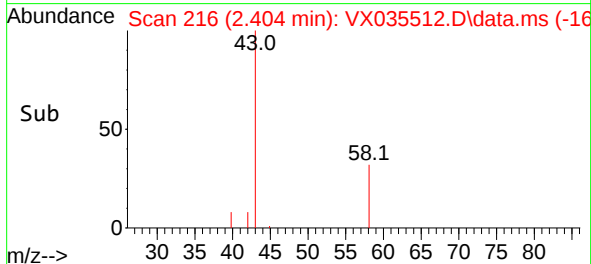
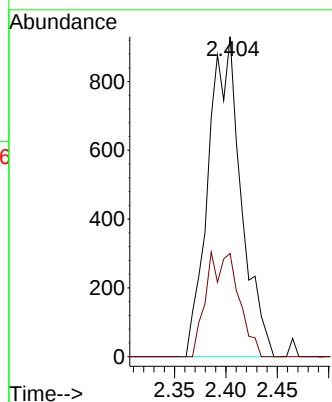
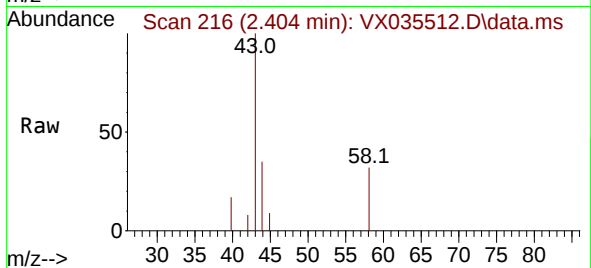




#16
Acetone
Concen: 1.794 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX035512.D
Acq: 03 May 2023 16:10

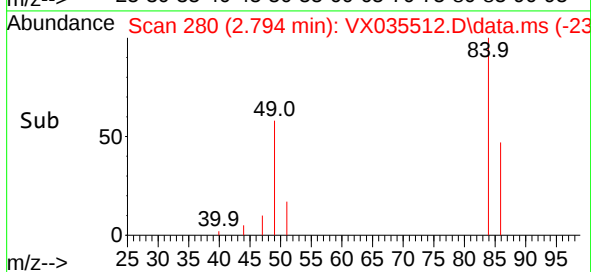
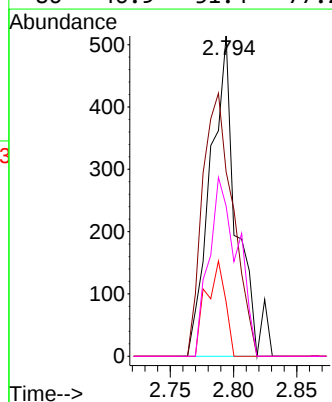
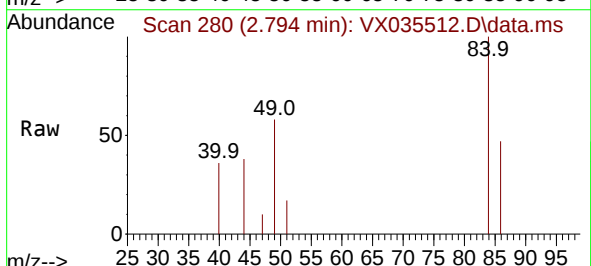
Instrument :
MSVOA_X
ClientSampleId :
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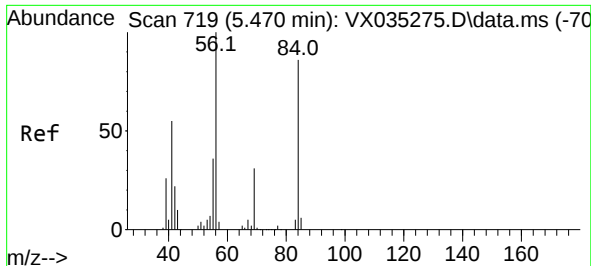
Tgt Ion: 43 Resp: 2061
Ion Ratio Lower Upper
43 100
58 32.3 24.7 37.1



#20
Methylene Chloride
Concen: 0.284 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035512.D
Acq: 03 May 2023 16:10

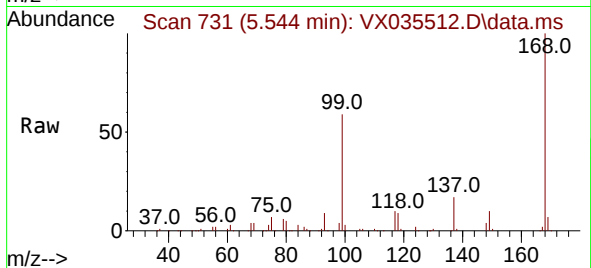
Tgt Ion: 84 Resp: 749
Ion Ratio Lower Upper
84 100
49 57.6 103.8 155.8#
51 16.9 31.8 47.8#
86 46.9 51.4 77.2#



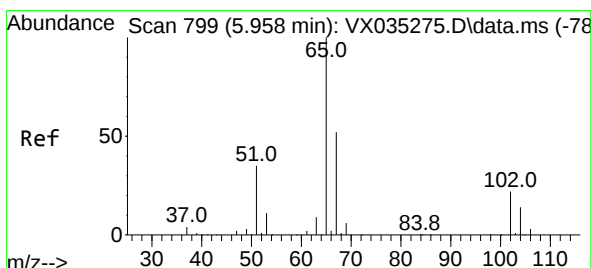
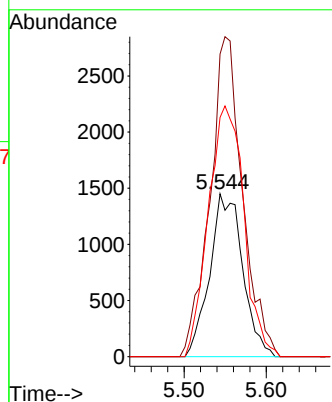
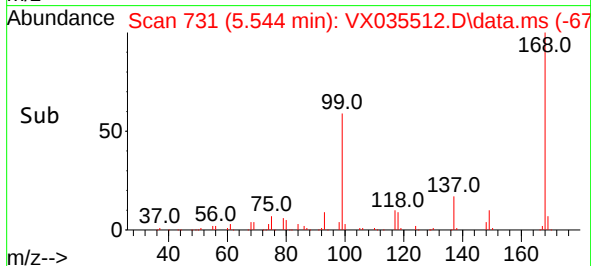


#31
Cyclohexane
Concen: 1.074 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX035512.D
Acq: 03 May 2023 16:10

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

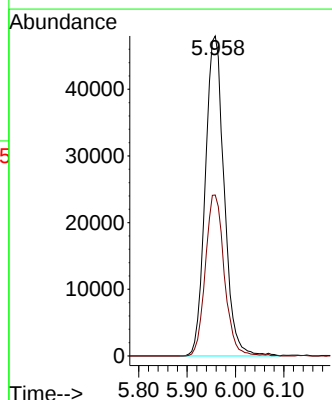
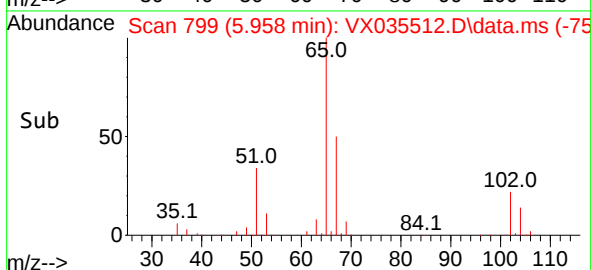
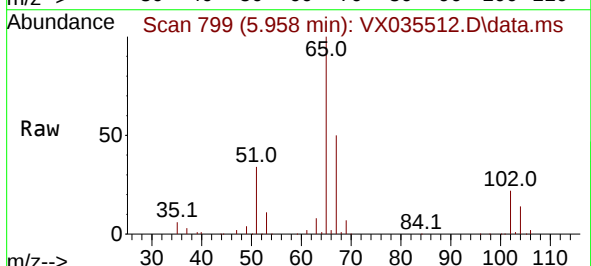


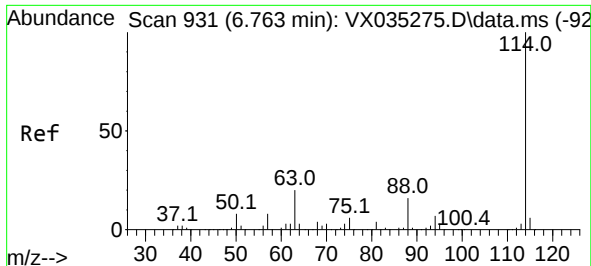
Tgt Ion: 56 Resp: 4031
Ion Ratio Lower Upper
56 100
69 185.7 23.7 35.5#
84 146.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.106 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035512.D
Acq: 03 May 2023 16:10

Tgt Ion: 65 Resp: 129880
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0

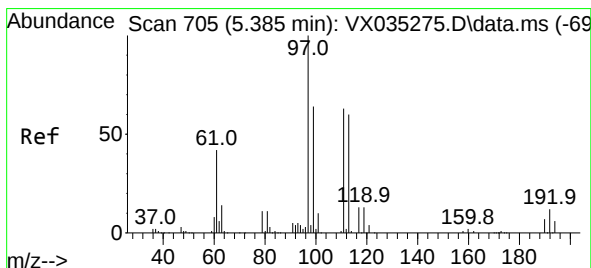
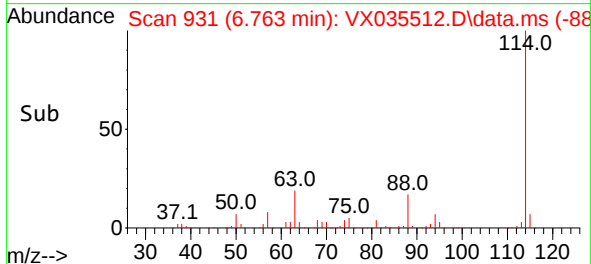
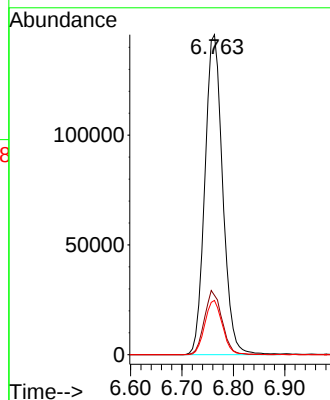
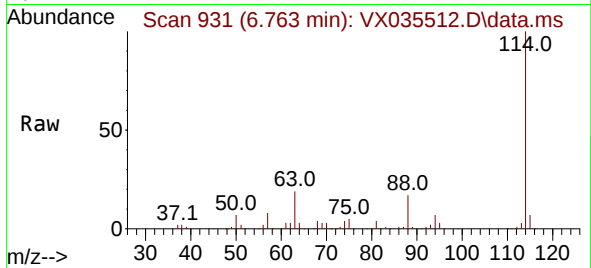




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035512.D
Acq: 03 May 2023 16:10

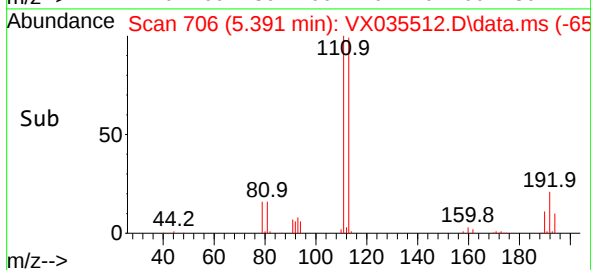
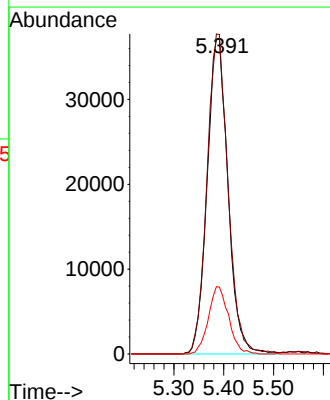
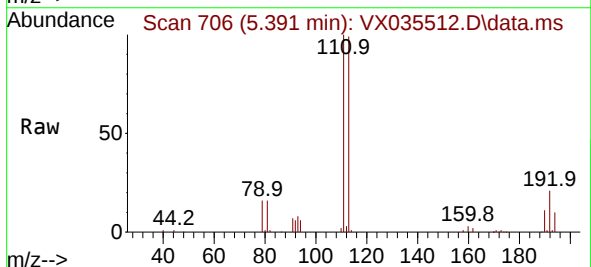
Instrument :
MSVOA_X
ClientSampleId :
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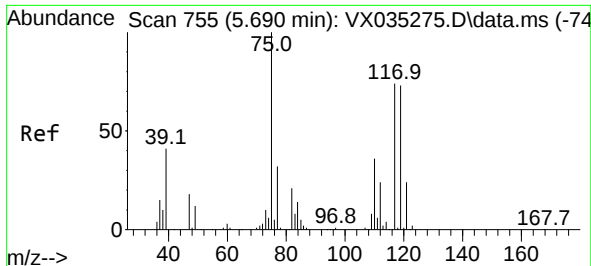
Tgt Ion:114 Resp: 350953
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.2
88 16.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.255 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035512.D
Acq: 03 May 2023 16:10

Tgt Ion:113 Resp: 108251
Ion Ratio Lower Upper
113 100
111 101.9 83.7 125.5
192 20.7 15.4 23.2

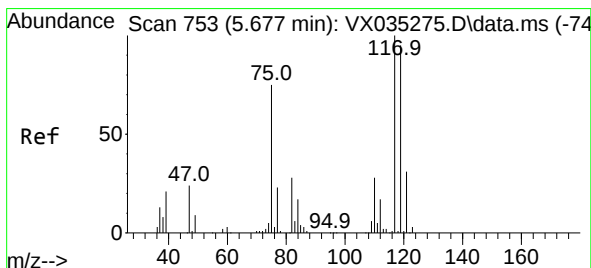
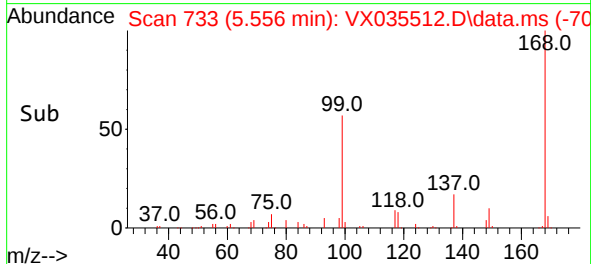
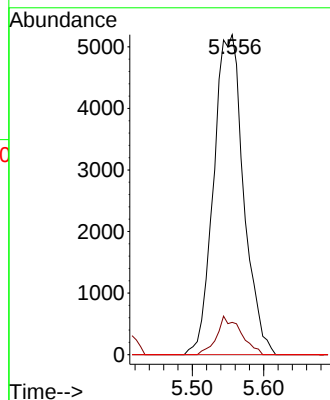
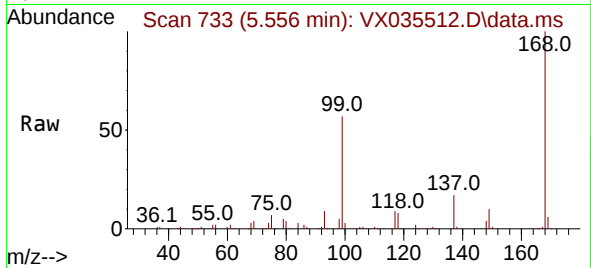




#36
1,1-Dichloropropene
Concen: 4.492 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX035512.D
Acq: 03 May 2023 16:10

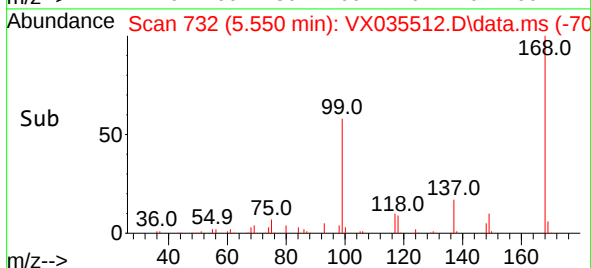
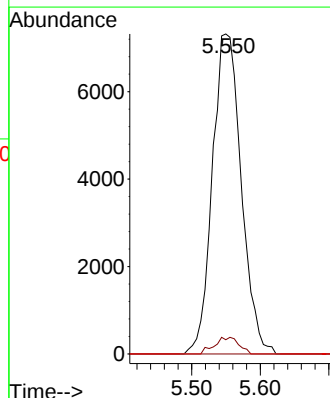
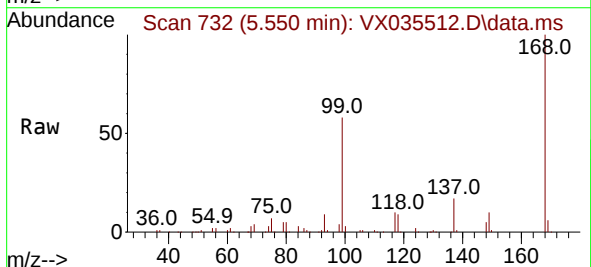
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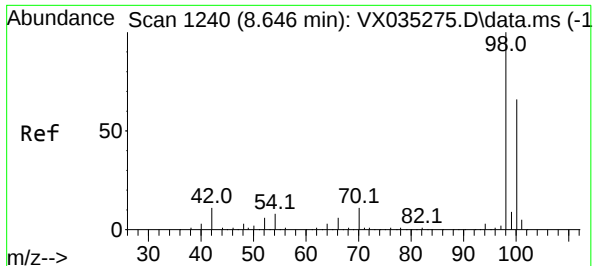
Tgt Ion: 75 Resp: 15109
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.707 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035512.D
Acq: 03 May 2023 16:10

Tgt Ion: 117 Resp: 21414
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 23.8 35.6#

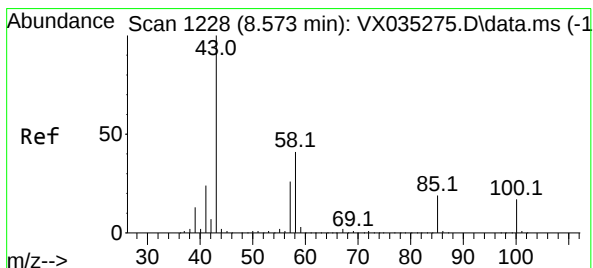
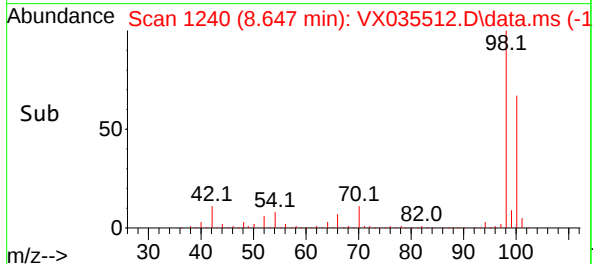
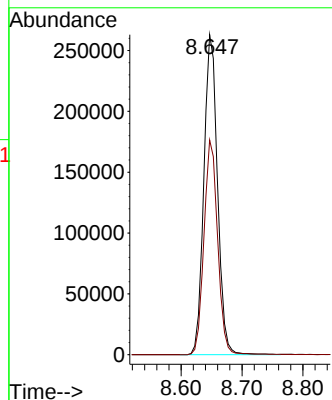
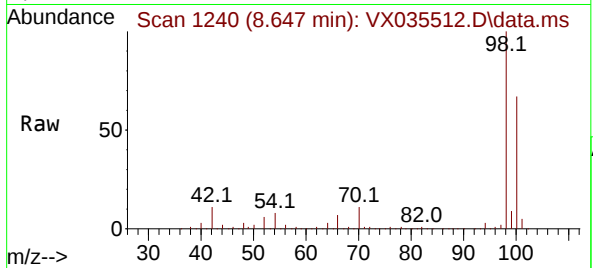




#50
Toluene-d8
Concen: 50.408 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035512.D
Acq: 03 May 2023 16:10

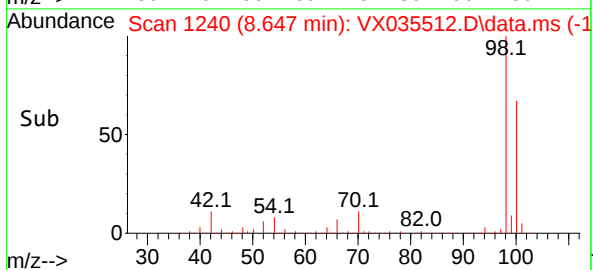
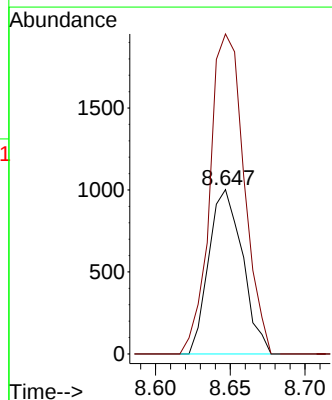
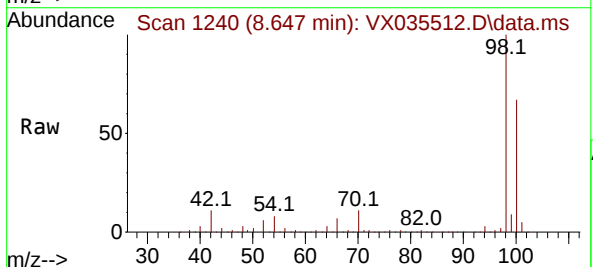
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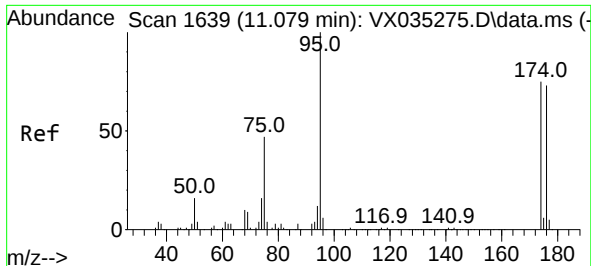
Tgt Ion: 98 Resp: 409608
Ion Ratio Lower Upper
98 100
100 67.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035512.D
Acq: 03 May 2023 16:10

Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
58 197.2 30.6 46.0#

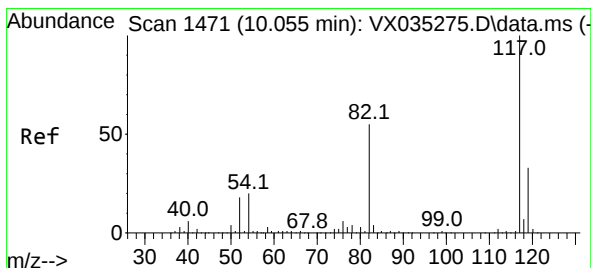
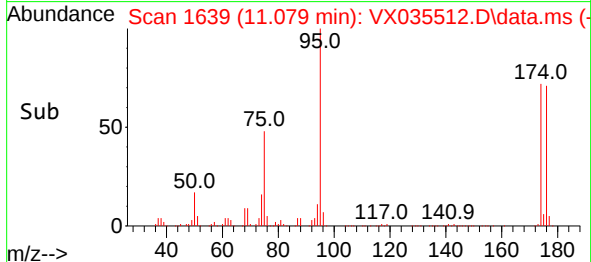
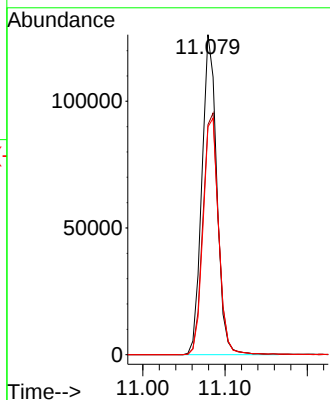
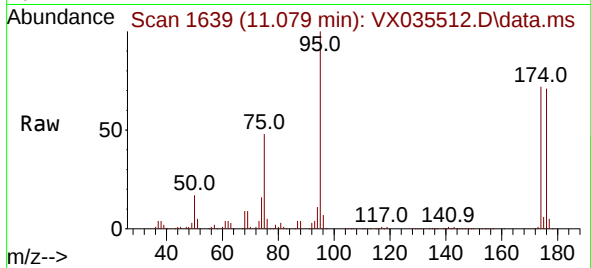




#62
4-Bromofluorobenzene
Concen: 52.177 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035512.D
Acq: 03 May 2023 16:10

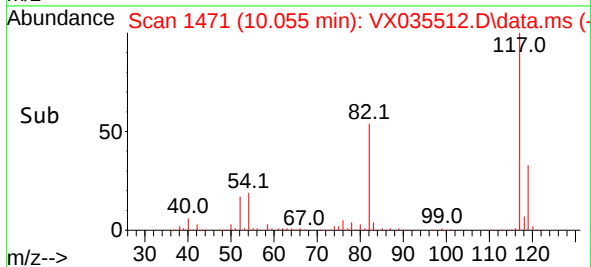
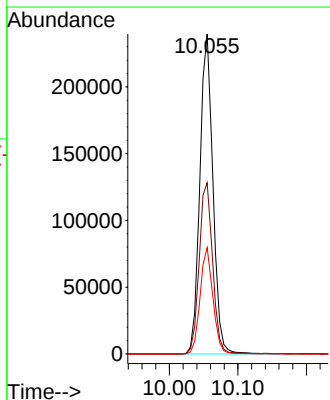
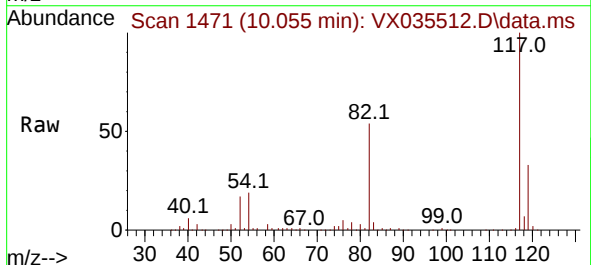
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

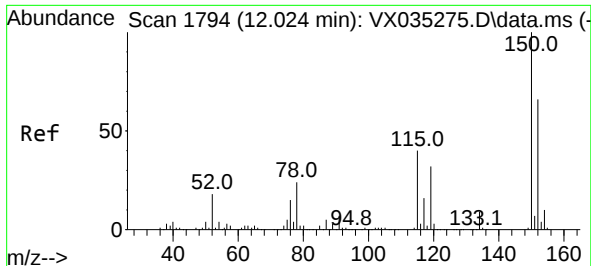
Tgt Ion: 95 Resp: 159493
Ion Ratio Lower Upper
95 100
174 78.7 0.0 147.4
176 77.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035512.D
Acq: 03 May 2023 16:10

Tgt Ion: 117 Resp: 318560
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 33.3 26.0 39.0

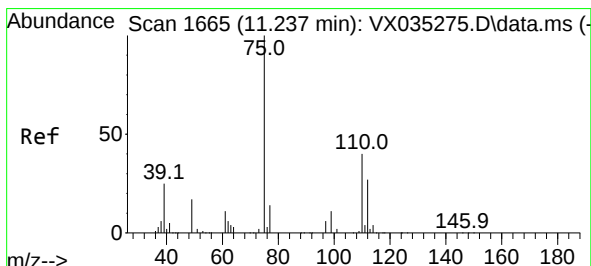
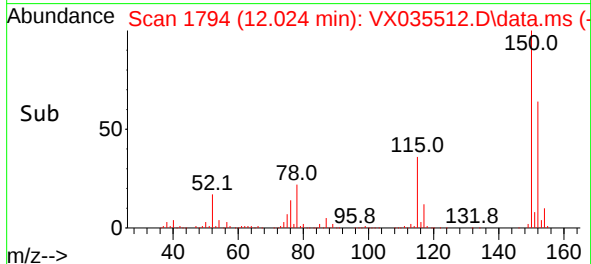
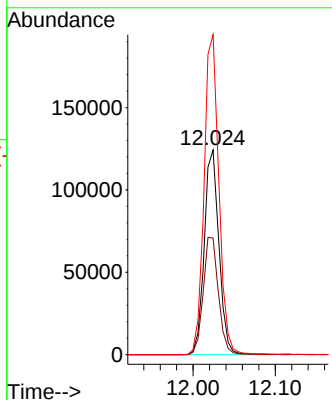
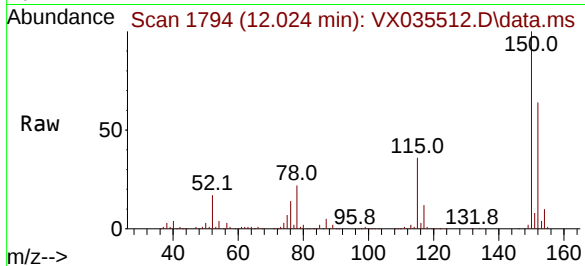




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035512.D
 Acq: 03 May 2023 16:10

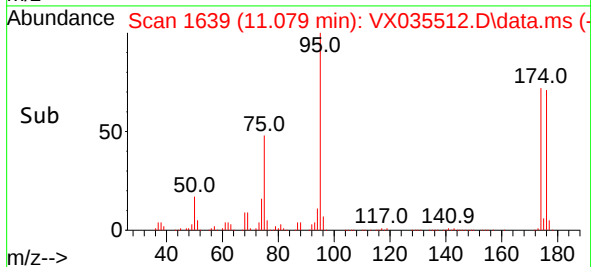
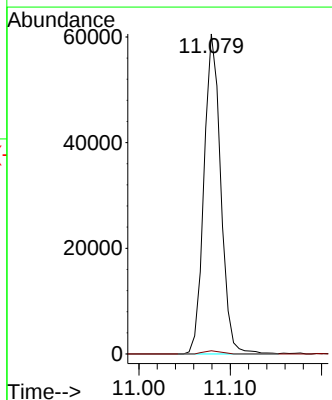
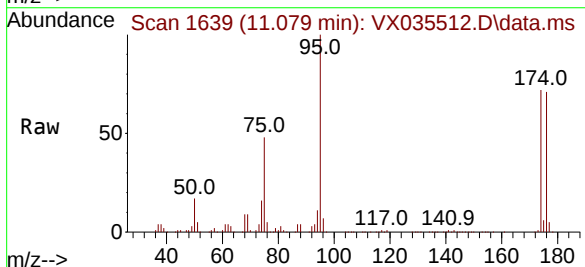
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

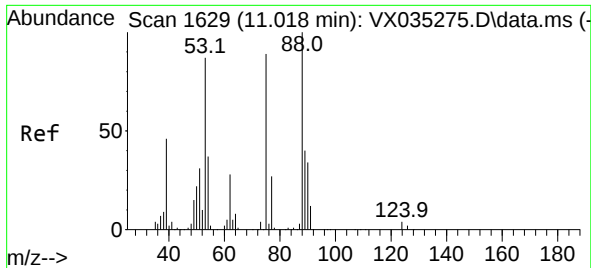
Tgt Ion:152 Resp: 154318
 Ion Ratio Lower Upper
 152 100
 115 59.3 45.0 135.0
 150 157.4 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 25.075 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035512.D
 Acq: 03 May 2023 16:10

Tgt Ion: 75 Resp: 77189
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.214 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035512.D
Acq: 03 May 2023 16:10

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

Tgt Ion: 75 Resp: 77189
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

