

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035860.D
 Acq On : 25 May 2023 17:54
 Operator : JC/MD
 Sample : 02881-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: May 26 07:25:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

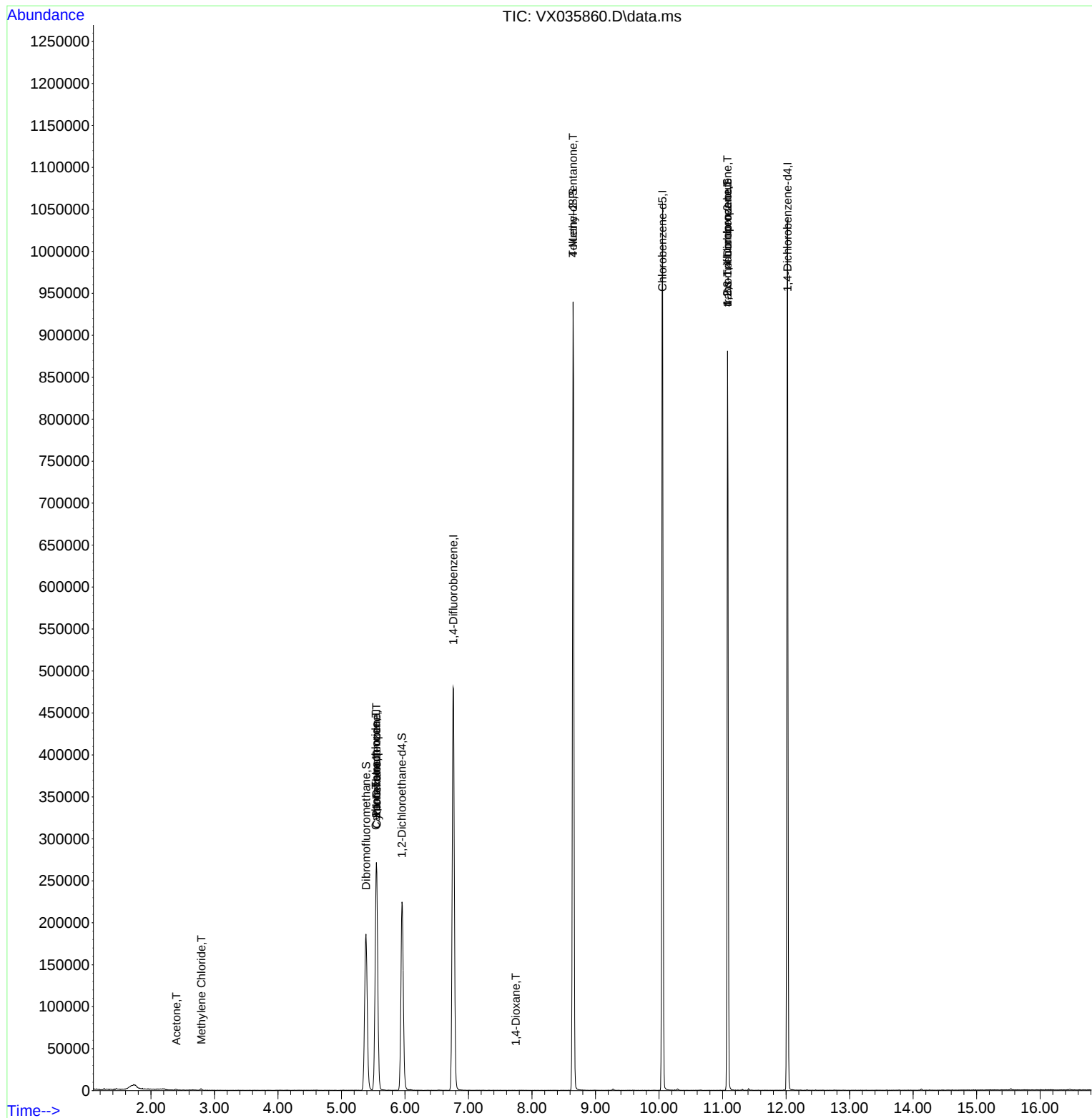
Internal Standards						
1) Pentafluorobenzene	5.550	168	247209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	477739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	430093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	215060	49.867	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.740%		
35) Dibromofluoromethane	5.385	113	159970	49.651	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.300%		
50) Toluene-d8	8.647	98	527238	44.297	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.600%#		
62) 4-Bromofluorobenzene	11.079	95	223121	46.557	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.120%		
Target Compounds						
16) Acetone	2.398	43	1485	0.801	ug/l	91
20) Methylene Chloride	2.794	84	801	0.238	ug/l #	87
31) Cyclohexane	5.556	56	5954	1.093	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21223	4.173	ug/l #	50
38) Carbon Tetrachloride	5.544	117	25771	5.349	ug/l #	15
49) 1,4-Dioxane	7.744	88	21	2.208	ug/l #	23
51) 4-Methyl-2-Pentanone	8.647	43	2941	0.552	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	122664	23.968	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	122664	77.246	ug/l #	8

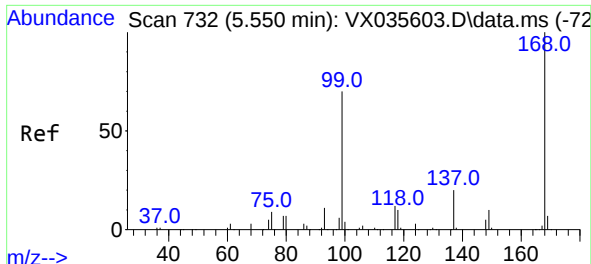
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-SOIL-REF-6

Quant Time: May 26 07:25:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

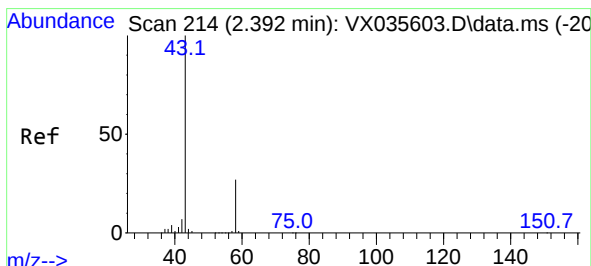
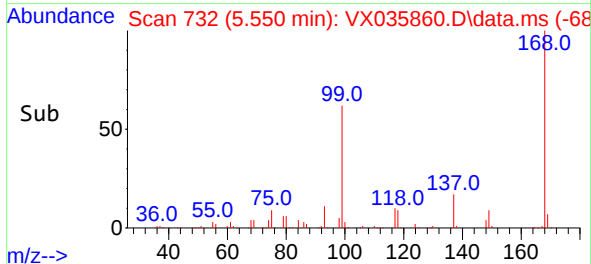
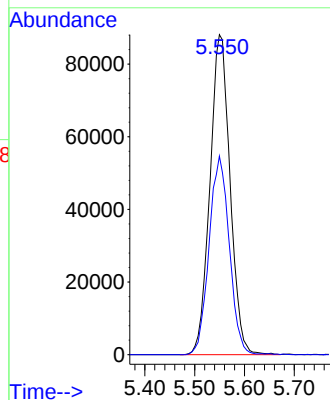
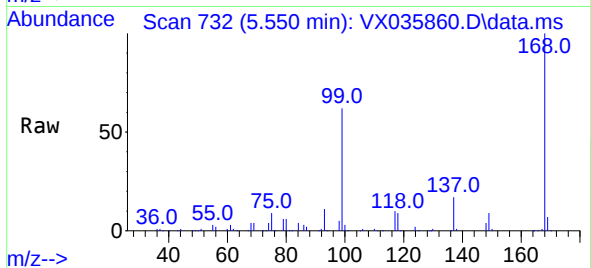




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035860.D
Acq: 25 May 2023 17:54

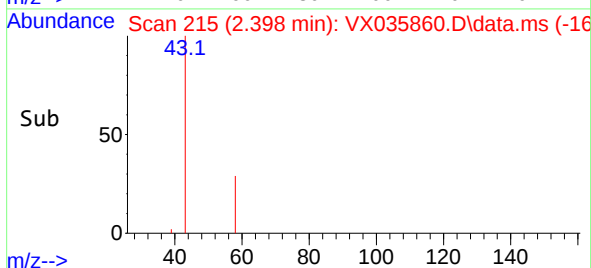
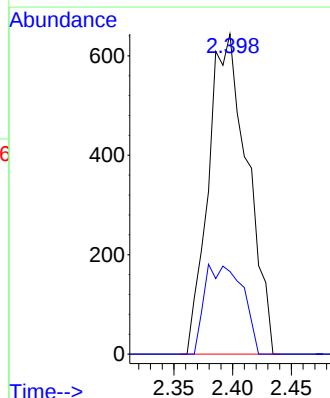
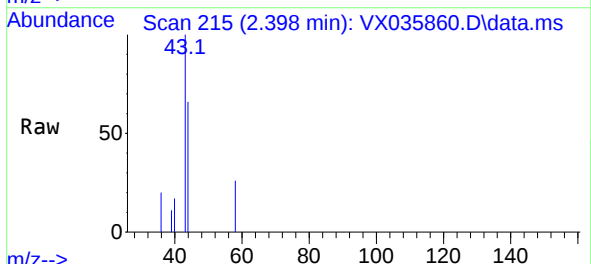
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

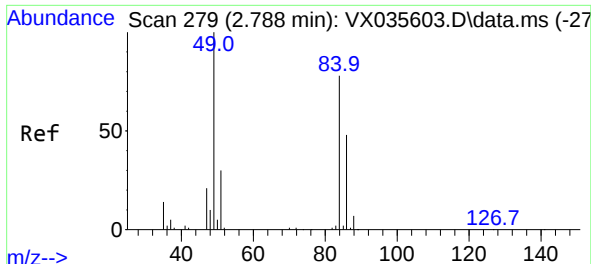
Tgt Ion:168 Resp: 247209
Ion Ratio Lower Upper
168 100
99 62.0 45.7 68.5



#16
Acetone
Concen: 0.801 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035860.D
Acq: 25 May 2023 17:54

Tgt Ion: 43 Resp: 1485
Ion Ratio Lower Upper
43 100
58 25.8 24.7 37.1

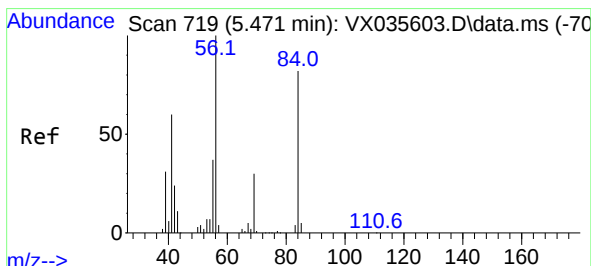
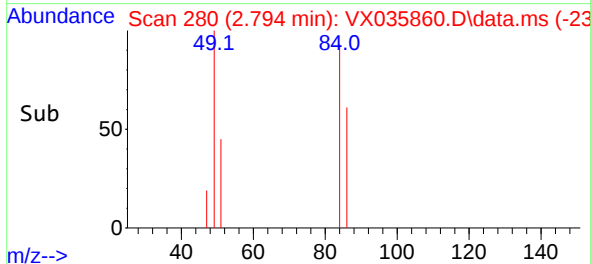
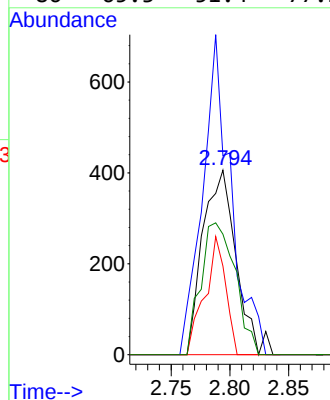
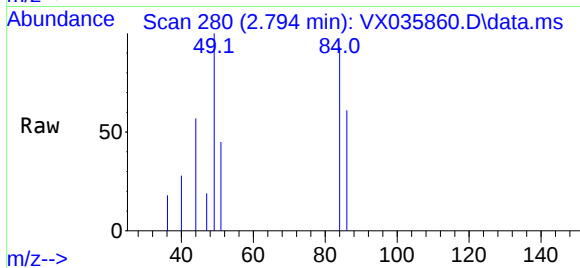




#20
Methylene Chloride
Concen: 0.238 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035860.D
Acq: 25 May 2023 17:54

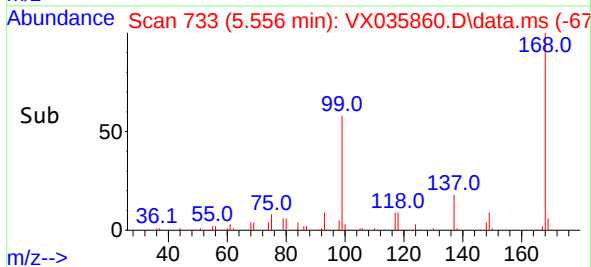
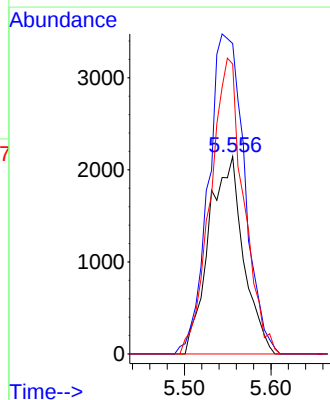
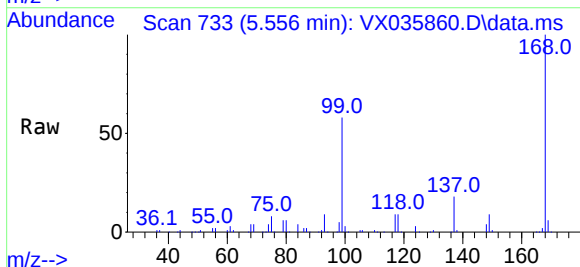
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

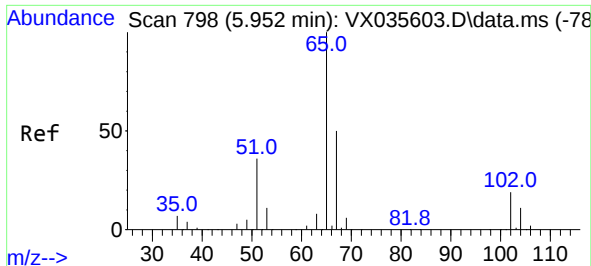
Tgt Ion:	84	Resp:	801
Ion	Ratio	Lower	Upper
84	100		
49	107.9	103.8	155.8
51	48.0	31.8	47.8#
86	65.3	51.4	77.2



#31
Cyclohexane
Concen: 1.093 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX035860.D
Acq: 25 May 2023 17:54

Tgt Ion:	56	Resp:	5954
Ion	Ratio	Lower	Upper
56	100		
69	157.2	23.7	35.5#
84	146.8	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.867 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035860.D

Acq: 25 May 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

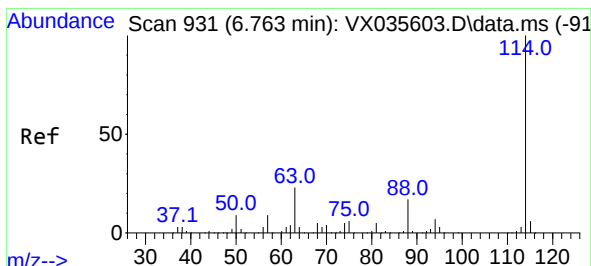
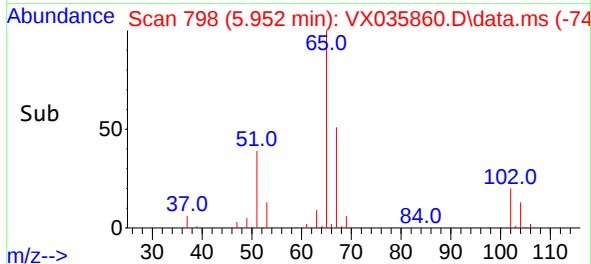
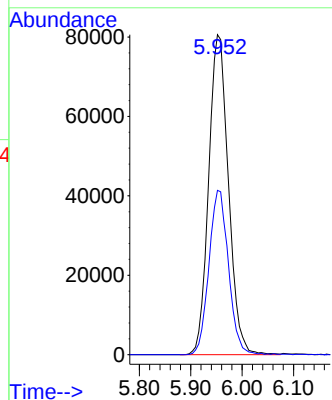
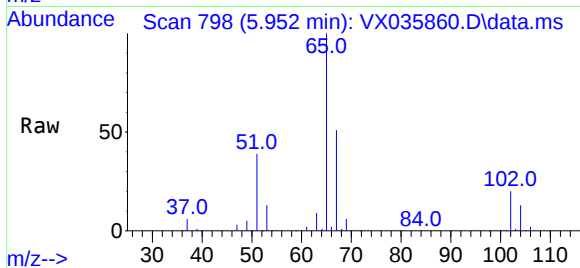
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 215060

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# 931

Delta R.T. -0.000 min

Lab File: VX035860.D

Acq: 25 May 2023 17:54

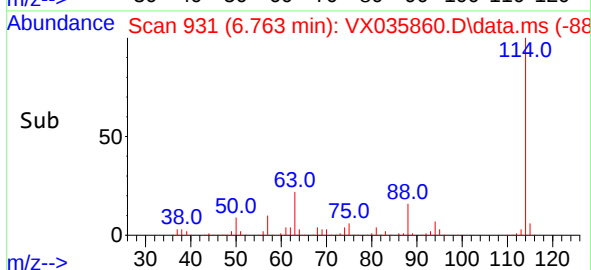
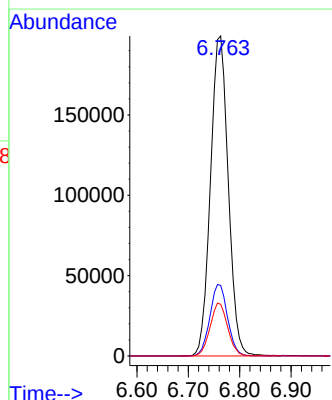
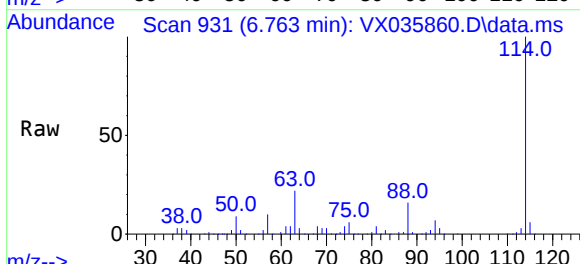
Tgt Ion: 114 Resp: 477739

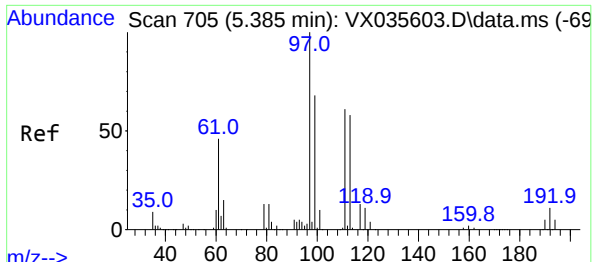
Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.2

88 16.1 0.0 33.2

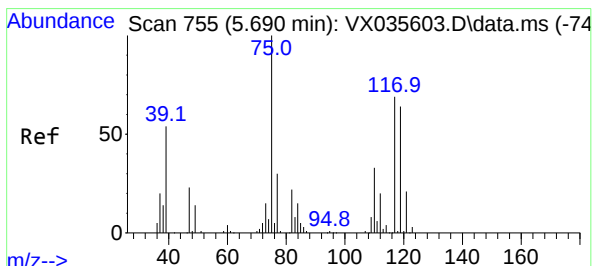
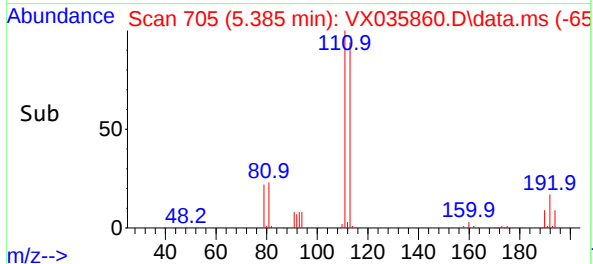
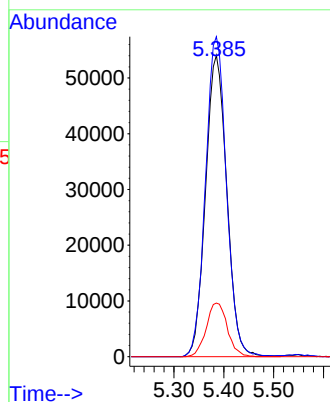
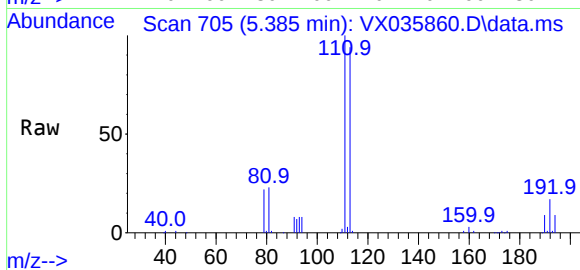




#35
Dibromofluoromethane
Concen: 49.651 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035860.D
Acq: 25 May 2023 17:54

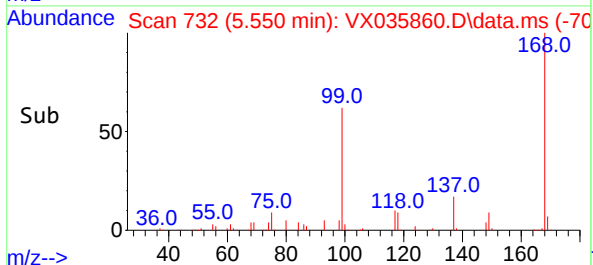
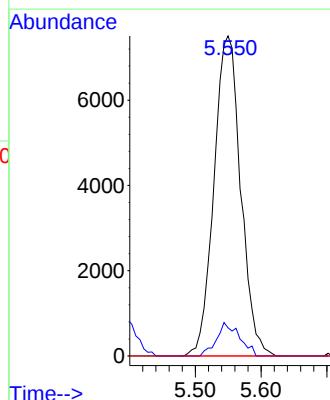
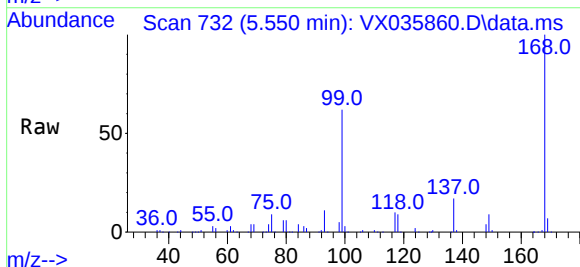
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

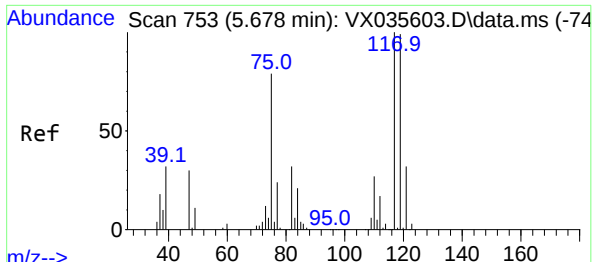
Tgt Ion:113 Resp: 159970
Ion Ratio Lower Upper
113 100
111 104.6 83.7 125.5
192 17.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.173 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035860.D
Acq: 25 May 2023 17:54

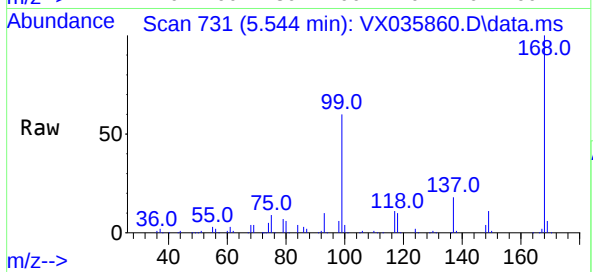
Tgt Ion: 75 Resp: 21223
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.3 36.5#



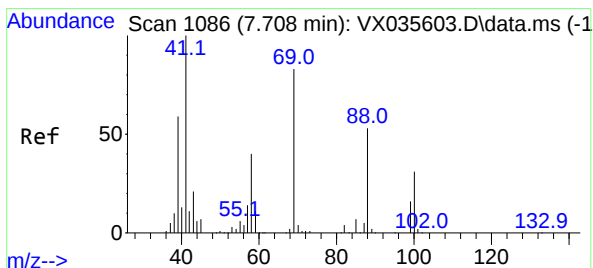
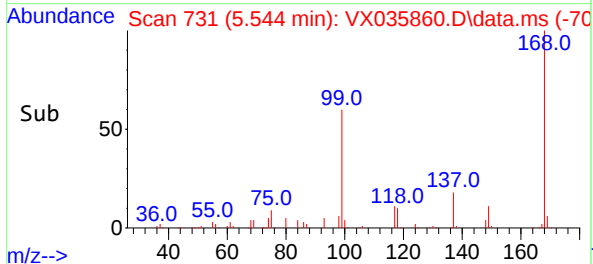
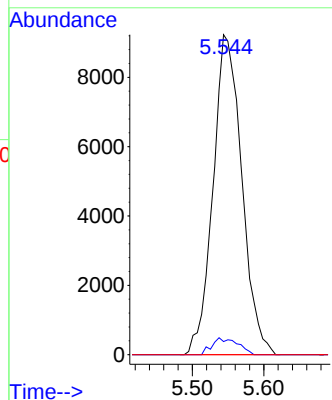


#38
Carbon Tetrachloride
Concen: 5.349 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035860.D
Acq: 25 May 2023 17:54

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

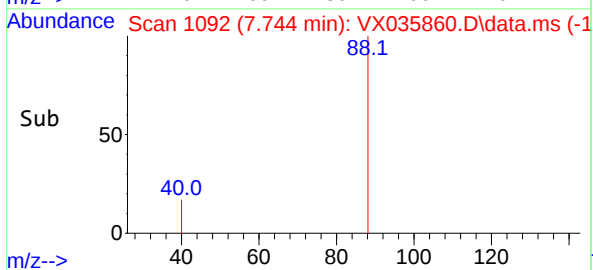
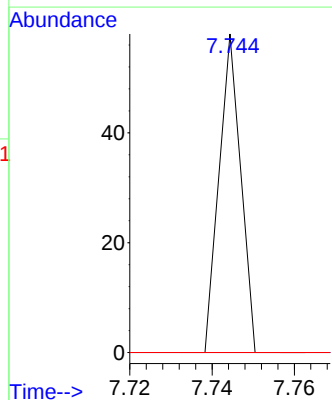
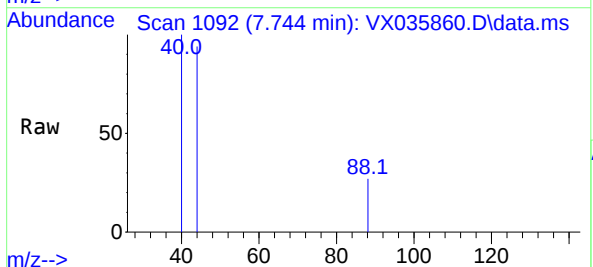


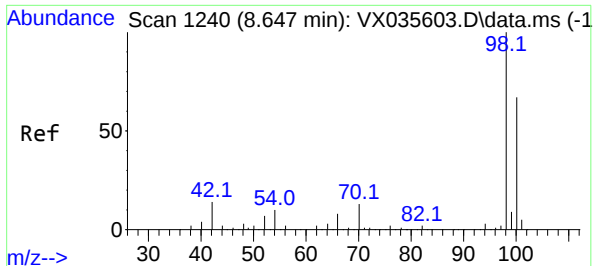
Tgt Ion:117 Resp: 25771
Ion Ratio Lower Upper
117 100
119 4.1 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 2.208 ug/l
RT: 7.744 min Scan# 1092
Delta R.T. 0.036 min
Lab File: VX035860.D
Acq: 25 May 2023 17:54

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#

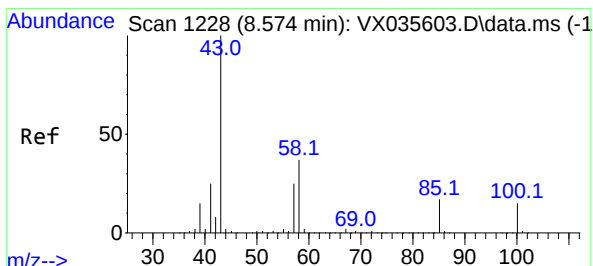
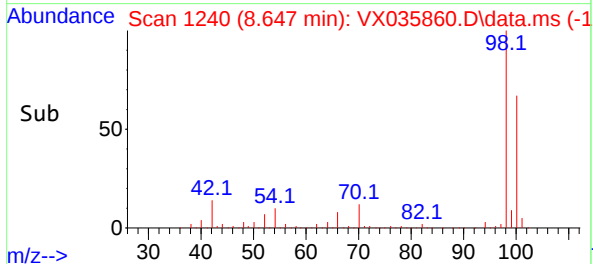
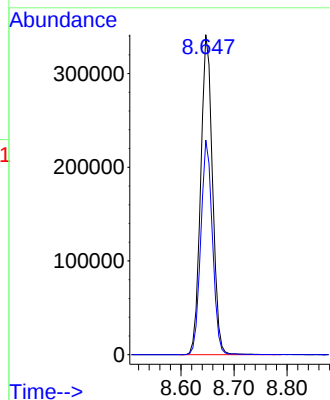
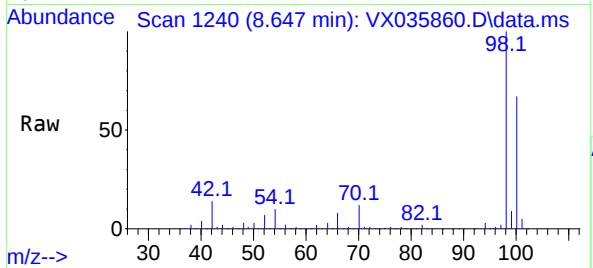




#50
Toluene-d8
Concen: 44.297 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035860.D
Acq: 25 May 2023 17:54

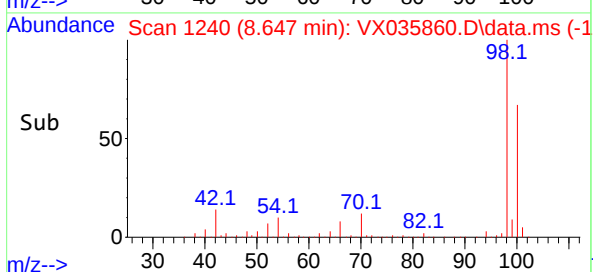
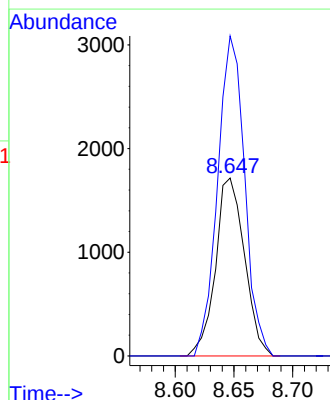
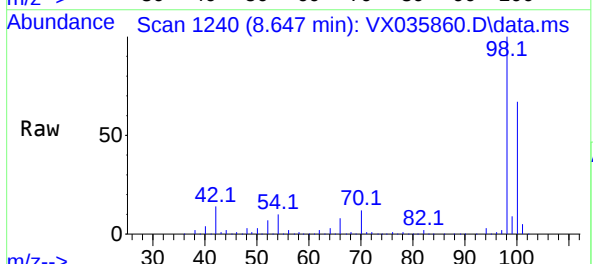
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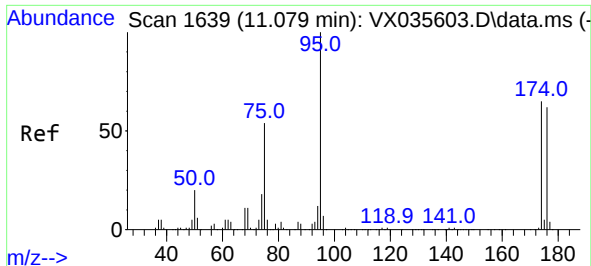
Tgt Ion: 98 Resp: 527238
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.552 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035860.D
Acq: 25 May 2023 17:54

Tgt Ion: 43 Resp: 2941
Ion Ratio Lower Upper
43 100
58 168.2 30.6 46.0#

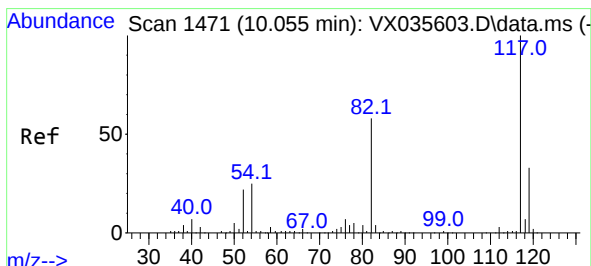
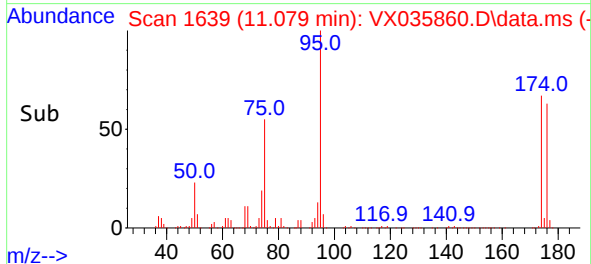
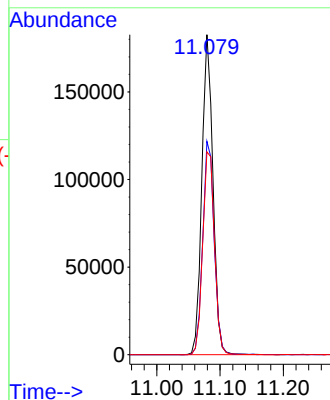
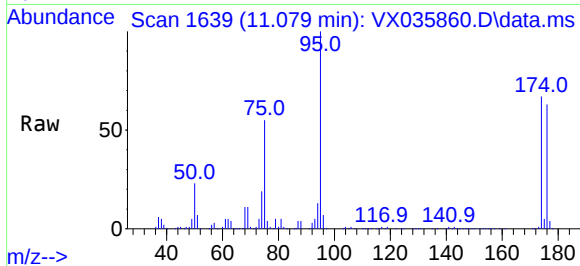




#62
4-Bromofluorobenzene
Concen: 46.557 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035860.D
Acq: 25 May 2023 17:54

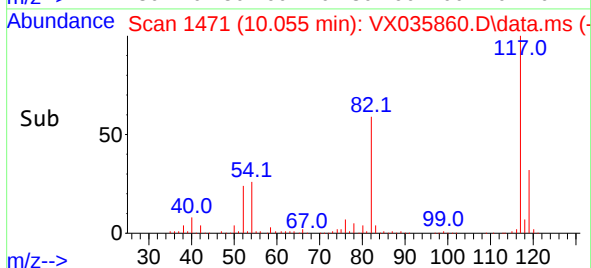
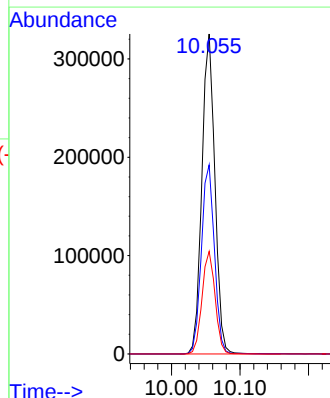
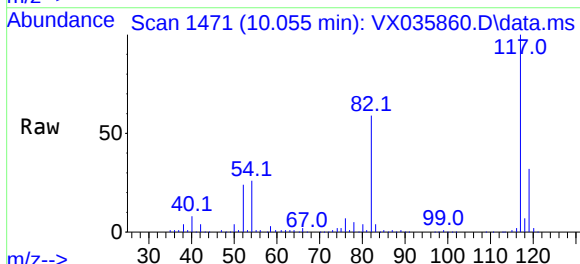
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

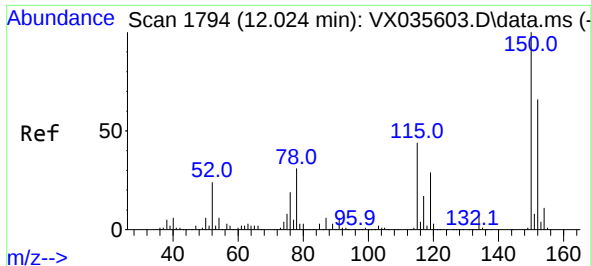
Tgt Ion: 95 Resp: 223121
Ion Ratio Lower Upper
95 100
174 68.9 0.0 147.4
176 67.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035860.D
Acq: 25 May 2023 17:54

Tgt Ion: 117 Resp: 430093
Ion Ratio Lower Upper
117 100
82 59.1 45.0 67.4
119 32.1 26.0 39.0

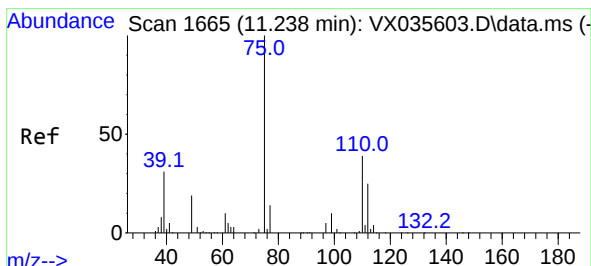
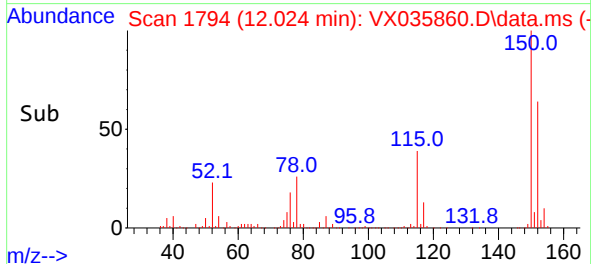
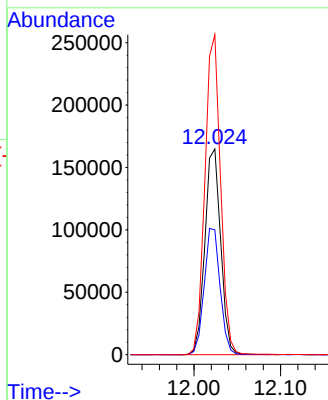
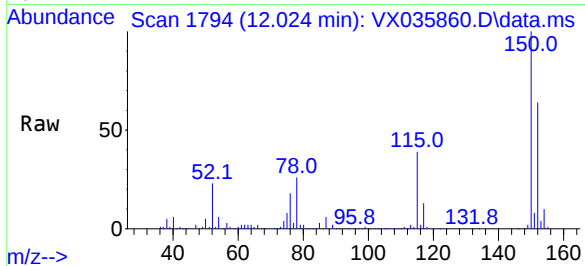




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035860.D
Acq: 25 May 2023 17:54

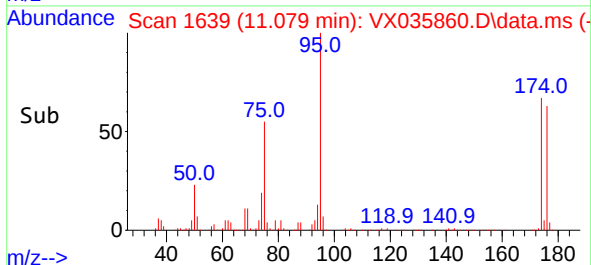
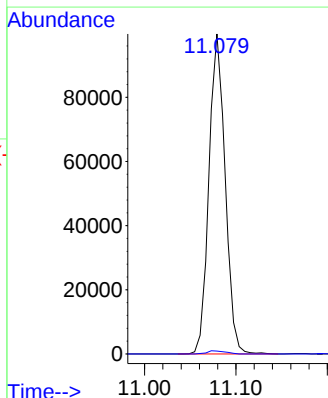
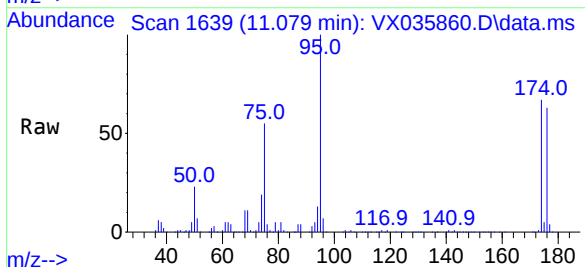
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

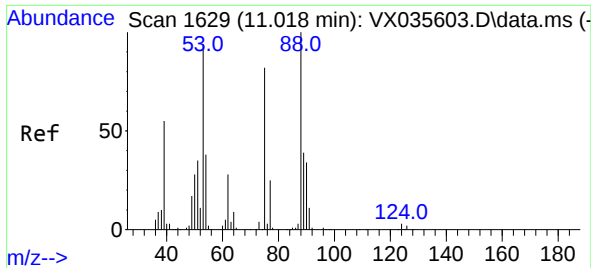
Tgt Ion:152 Resp: 209227
Ion Ratio Lower Upper
152 100
115 61.8 45.0 135.0
150 153.5 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 23.968 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035860.D
Acq: 25 May 2023 17:54

Tgt Ion: 75 Resp: 122664
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.246 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035860.D
 Acq: 25 May 2023 17:54

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

Tgt Ion: 75 Resp: 122664
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

