

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032140.D
 Acq On : 14 Oct 2022 17:23
 Operator : JC/MD
 Sample : N5146-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Oct 17 02:27:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

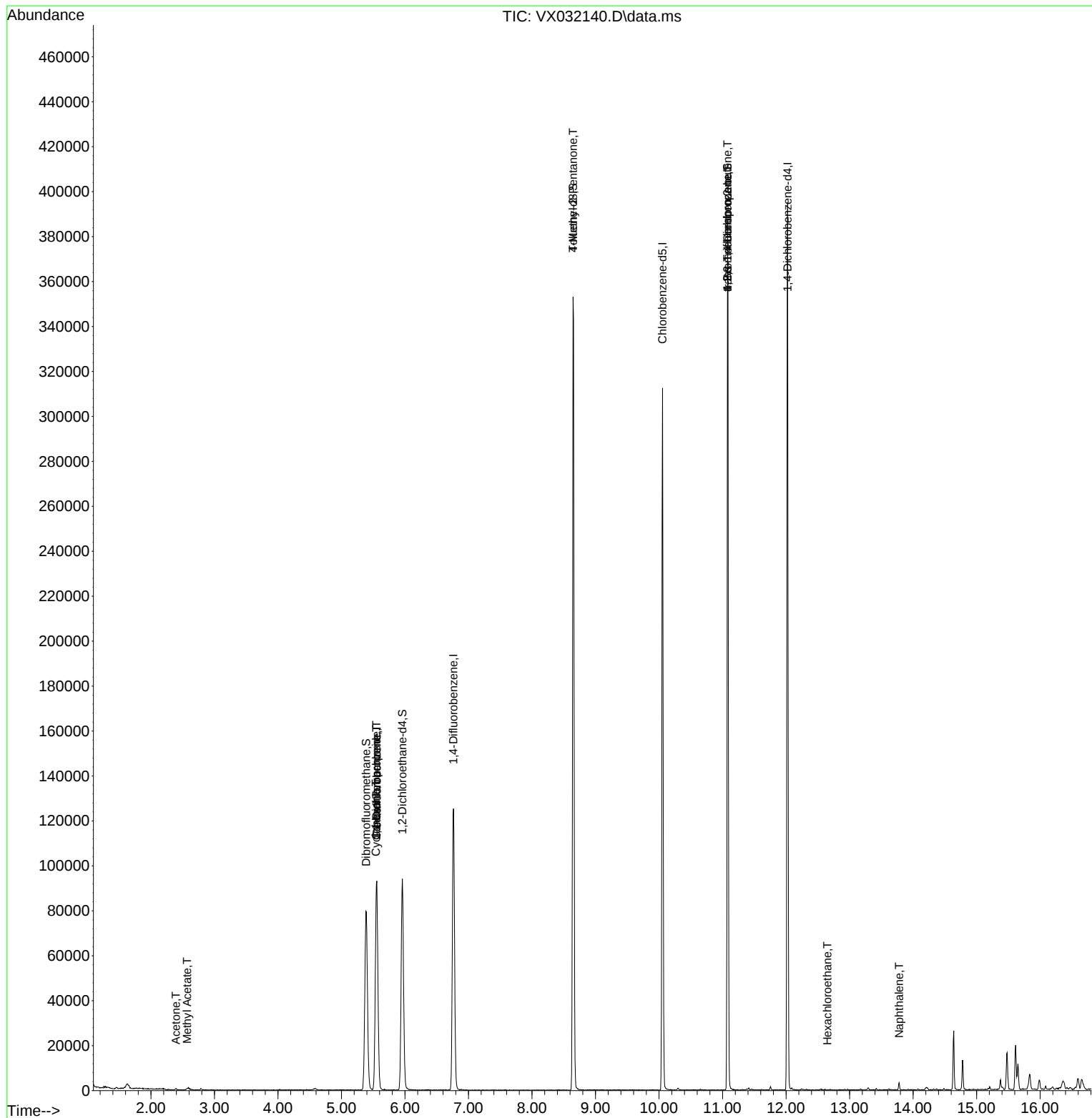
Internal Standards						
1) Pentafluorobenzene	5.556	168	82216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91862	54.102	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.200%
35) Dibromofluoromethane	5.385	113	68052	47.821	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	8.647	98	210668	41.141	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	82.280%#
62) 4-Bromofluorobenzene	11.079	95	97086	53.630	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.260%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	380	Below Cal		81
16) Acetone	2.392	43	615	1.066	ug/l #	79
18) Methyl Acetate	2.569	43	583	0.306	ug/l #	52
31) Cyclohexane	5.544	56	2100	1.035	ug/l #	58
36) 1,1-Dichloropropene	5.550	75	7399	3.921	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9189	4.762	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	939	0.526	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55536	34.489	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	55536	117.180	ug/l #	11
90) Hexachloroethane	12.652	117	46	1.364	ug/l #	15
95) Naphthalene	13.780	128	2137	0.372	ug/l #	94

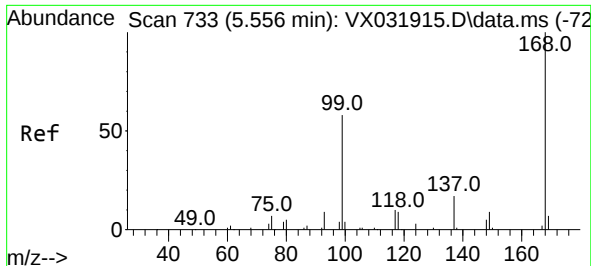
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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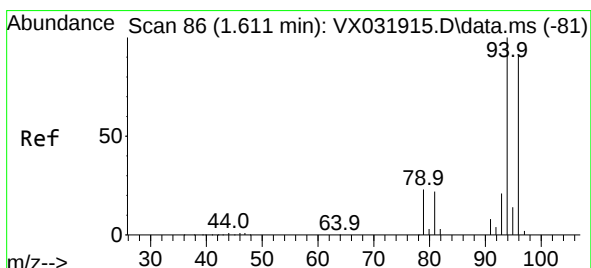
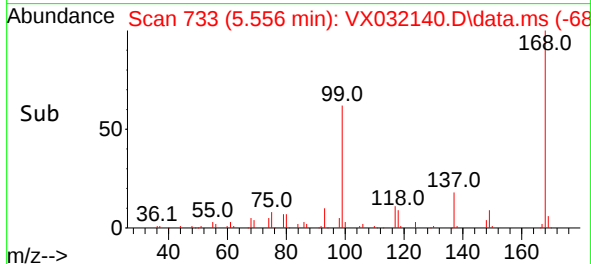
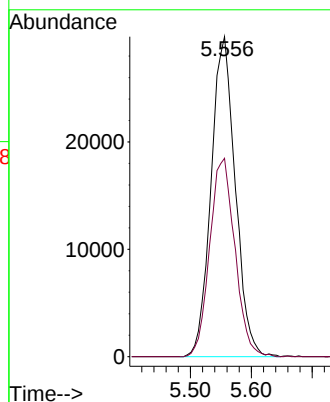
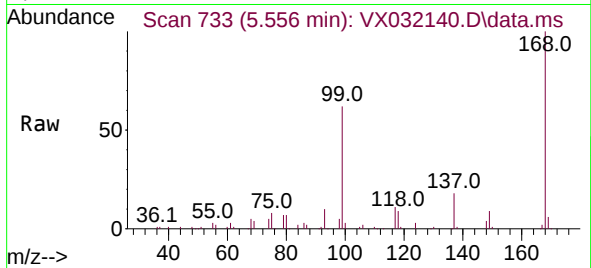




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032140.D
Acq: 14 Oct 2022 17:23

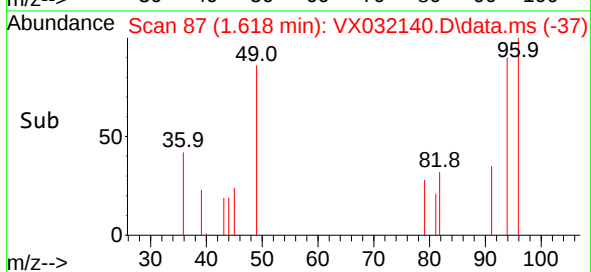
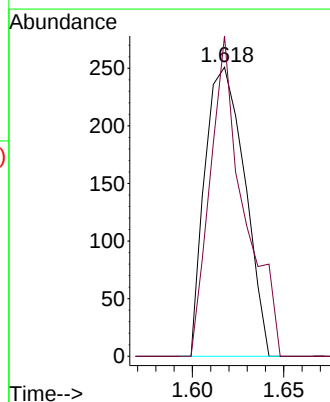
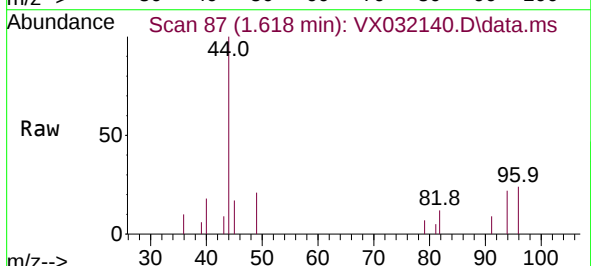
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

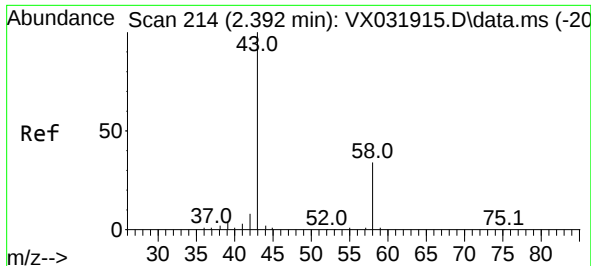
Tgt Ion:168 Resp: 82216
Ion Ratio Lower Upper
168 100
99 62.0 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX032140.D
Acq: 14 Oct 2022 17:23

Tgt Ion: 94 Resp: 380
Ion Ratio Lower Upper
94 100
96 110.8 74.4 111.6

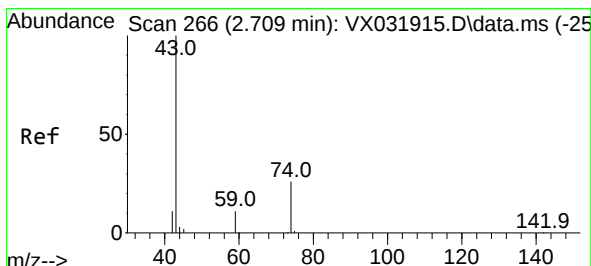
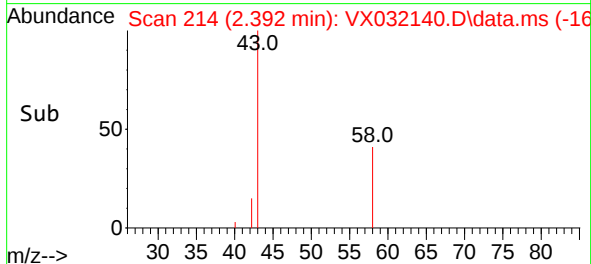
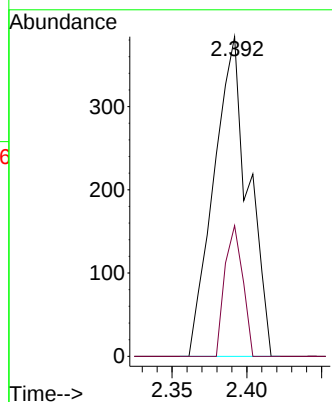
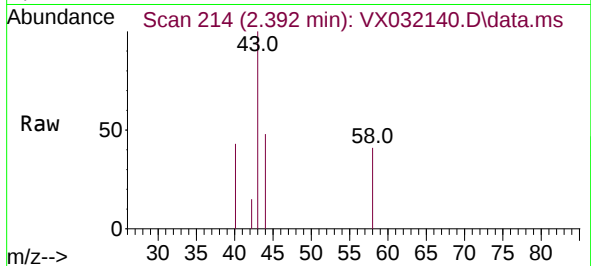




#16
Acetone
Concen: 1.066 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX032140.D
Acq: 14 Oct 2022 17:23

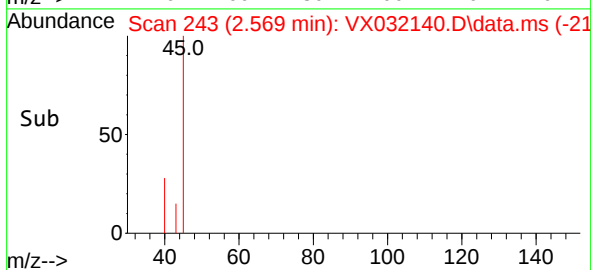
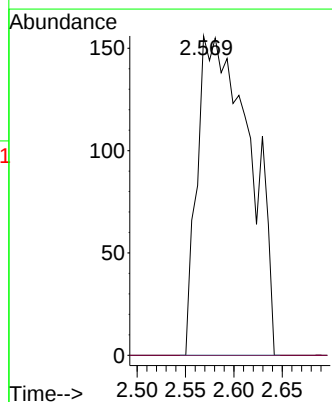
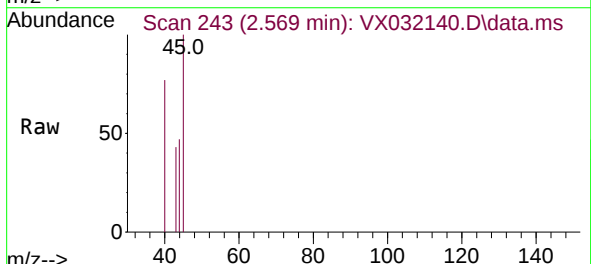
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

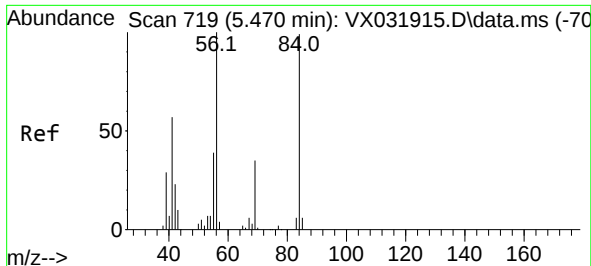
Tgt Ion: 43 Resp: 615
Ion Ratio Lower Upper
43 100
58 40.9 23.8 35.8#



#18
Methyl Acetate
Concen: 0.306 ug/l
RT: 2.569 min Scan# 243
Delta R.T. -0.140 min
Lab File: VX032140.D
Acq: 14 Oct 2022 17:23

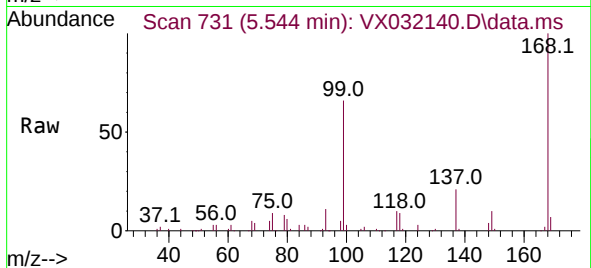
Tgt Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



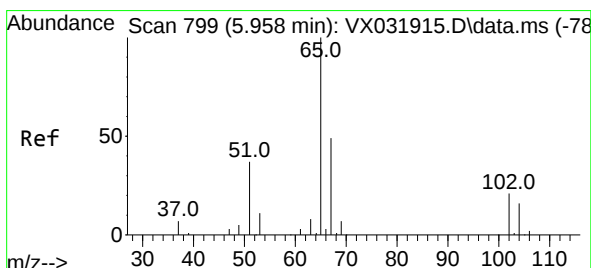
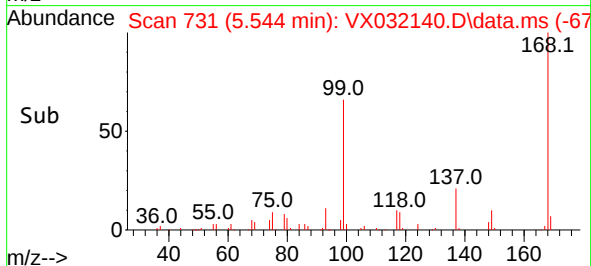
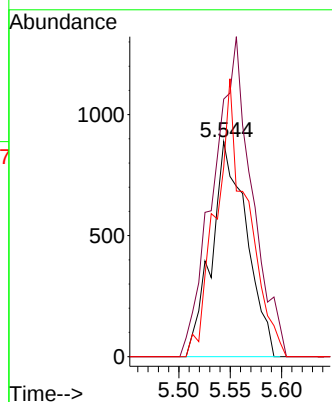


#31
Cyclohexane
Concen: 1.035 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX032140.D
Acq: 14 Oct 2022 17:23

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

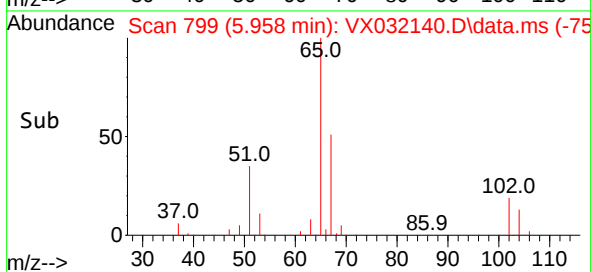
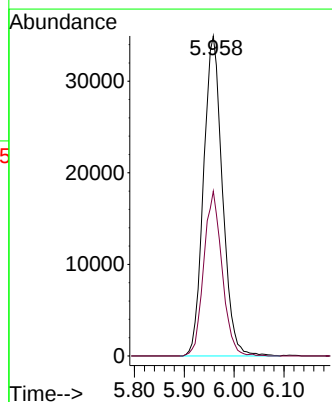
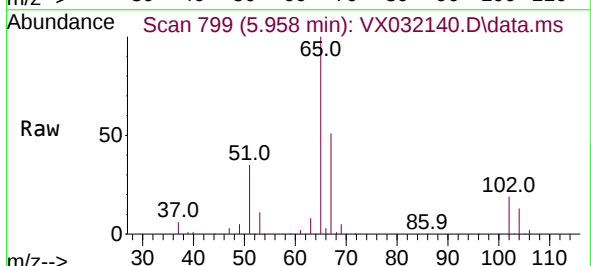


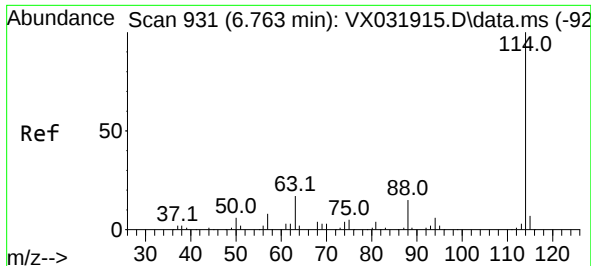
Tgt Ion: 56 Resp: 2100
Ion Ratio Lower Upper
56 100
69 119.8 25.1 37.7#
84 88.2 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 54.102 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032140.D
Acq: 14 Oct 2022 17:23

Tgt Ion: 65 Resp: 91862
Ion Ratio Lower Upper
65 100
67 49.9 0.0 102.4

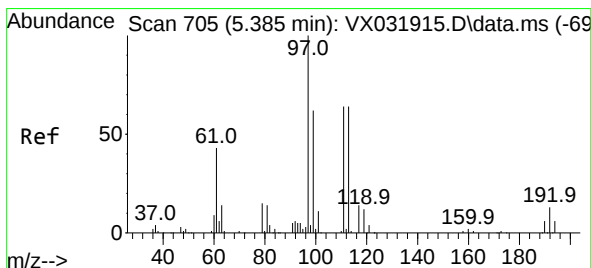
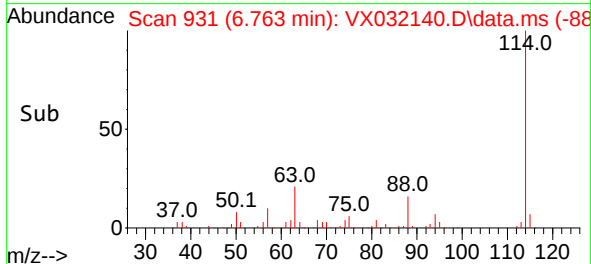
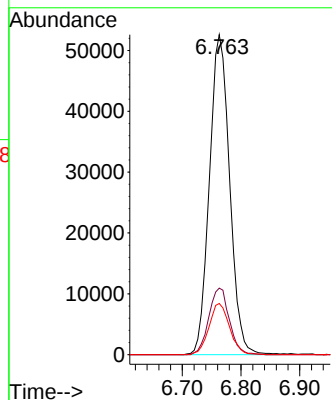
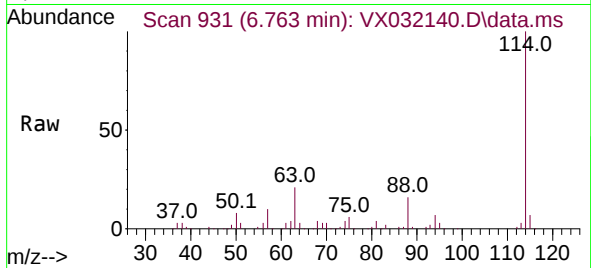




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032140.D
Acq: 14 Oct 2022 17:23

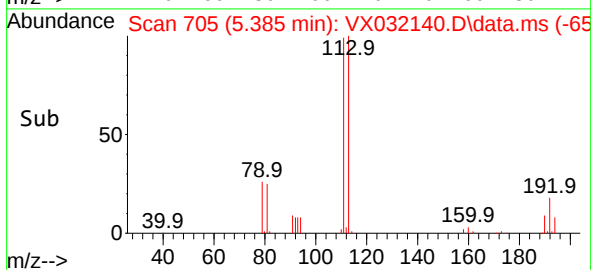
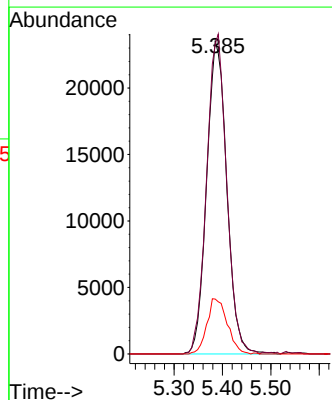
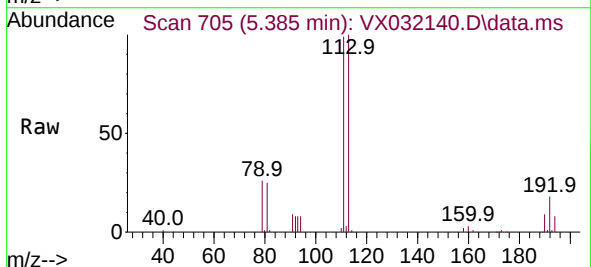
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

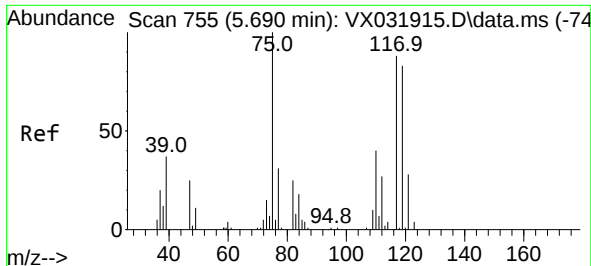
Tgt Ion:114 Resp: 125719
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.821 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032140.D
Acq: 14 Oct 2022 17:23

Tgt Ion:113 Resp: 68052
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 17.9 14.1 21.1

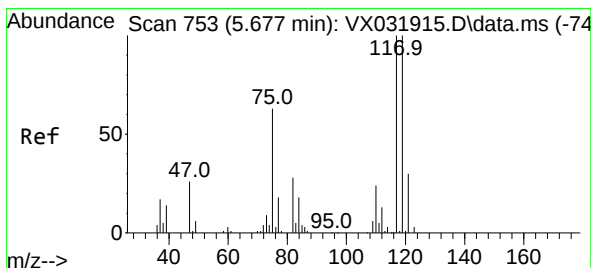
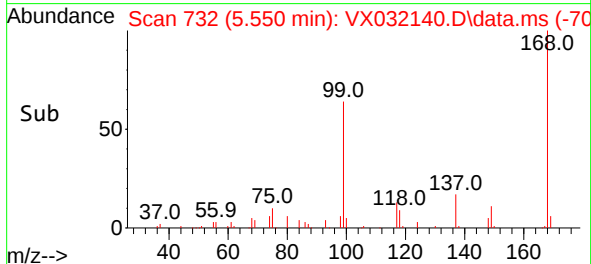
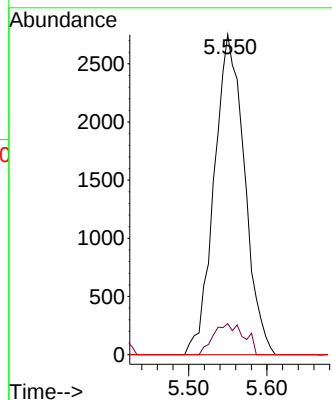
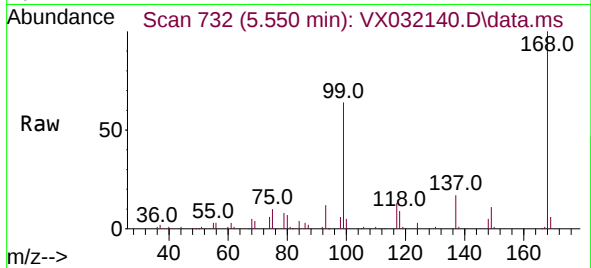




#36
1,1-Dichloropropene
Concen: 3.921 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032140.D
Acq: 14 Oct 2022 17:23

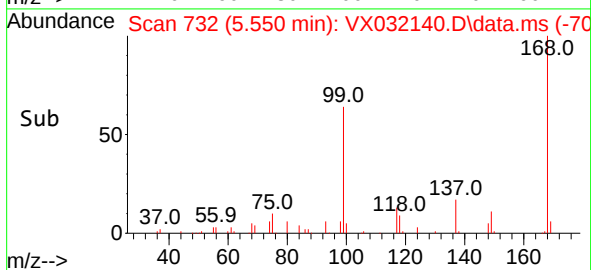
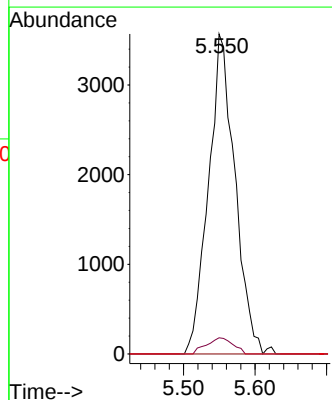
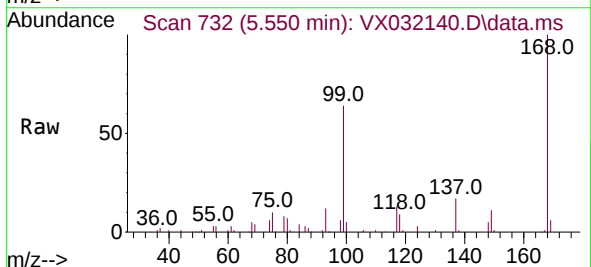
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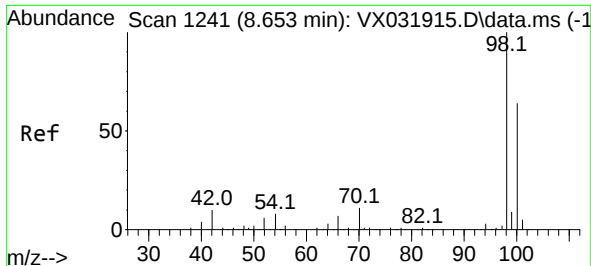
Tgt Ion: 75 Resp: 7399
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.762 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX032140.D
Acq: 14 Oct 2022 17:23

Tgt Ion: 117 Resp: 9189
Ion Ratio Lower Upper
117 100
119 5.0 74.6 112.0#
121 0.0 25.3 37.9#

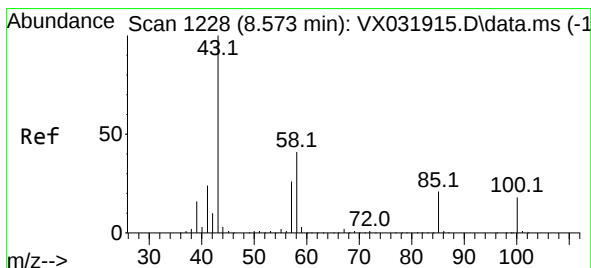
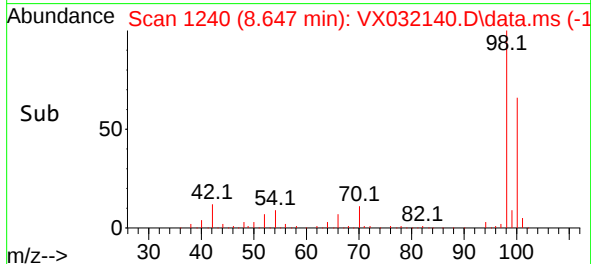
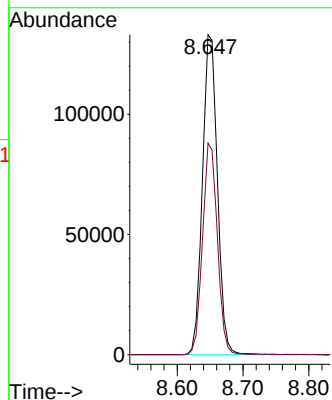
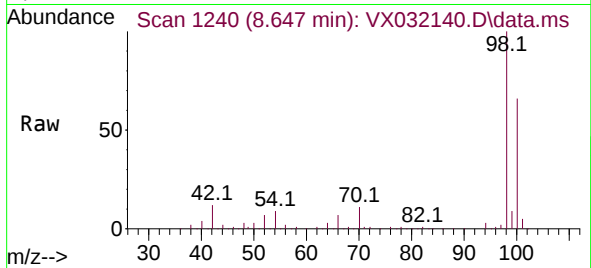




#50
Toluene-d8
Concen: 41.141 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032140.D
Acq: 14 Oct 2022 17:23

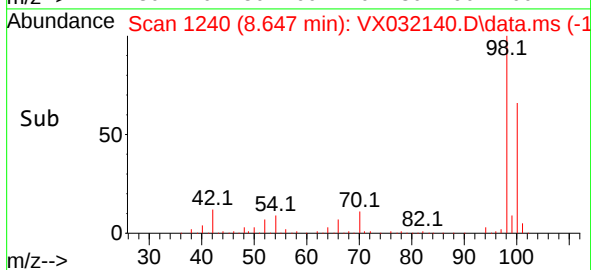
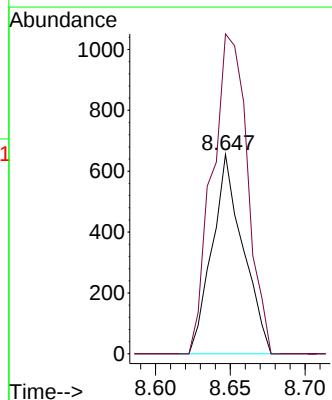
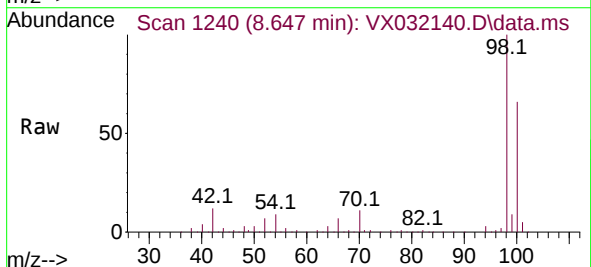
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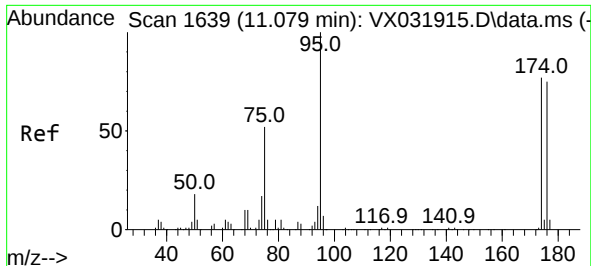
Tgt Ion: 98 Resp: 210668
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.526 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX032140.D
Acq: 14 Oct 2022 17:23

Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
58 183.5 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 53.630 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032140.D

Acq: 14 Oct 2022 17:23

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

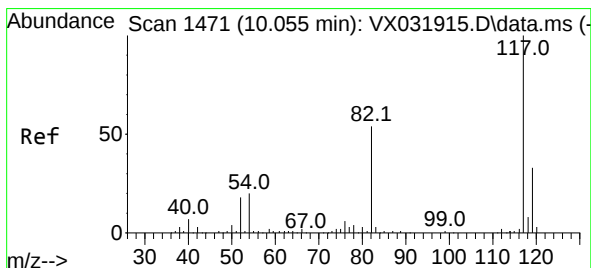
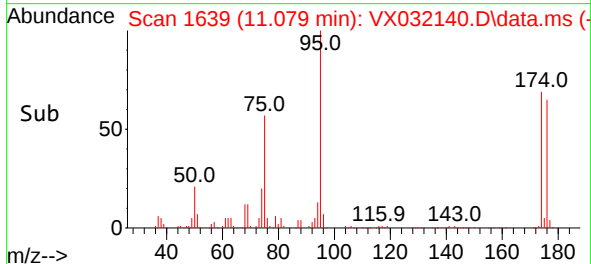
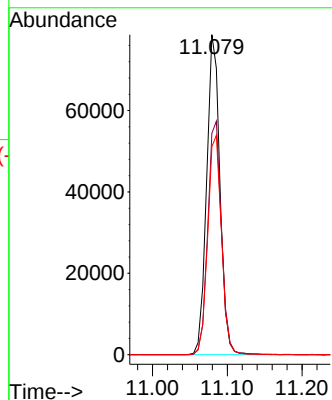
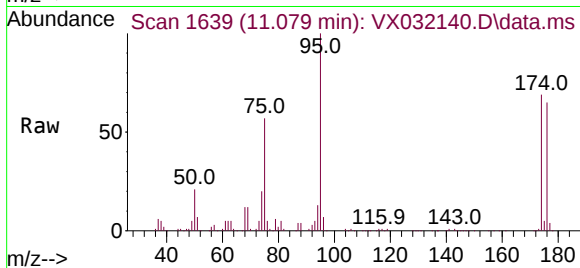
Tgt Ion: 95 Resp: 97086

Ion Ratio Lower Upper

95 100

174 74.9 0.0 153.2

176 71.1 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032140.D

Acq: 14 Oct 2022 17:23

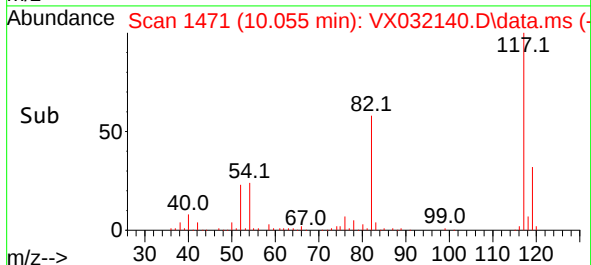
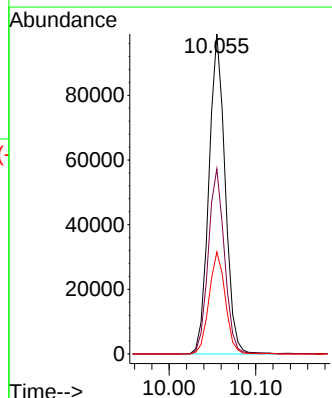
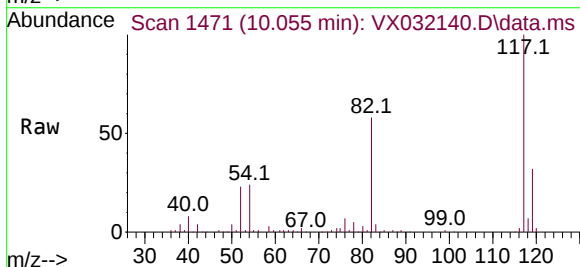
Tgt Ion: 117 Resp: 128601

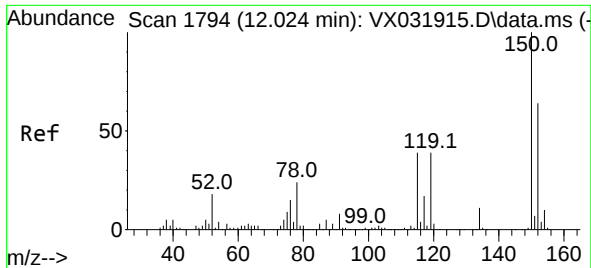
Ion Ratio Lower Upper

117 100

82 57.9 46.8 70.2

119 31.8 26.4 39.6

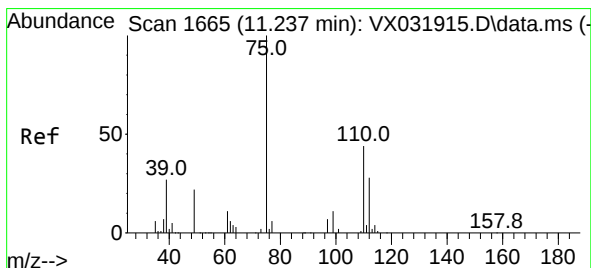
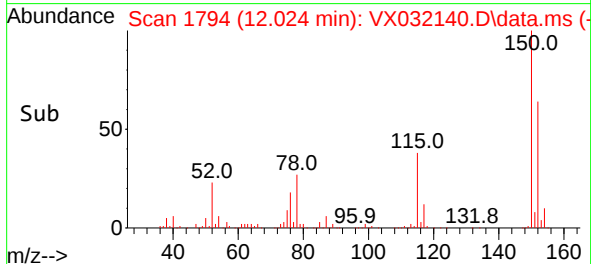
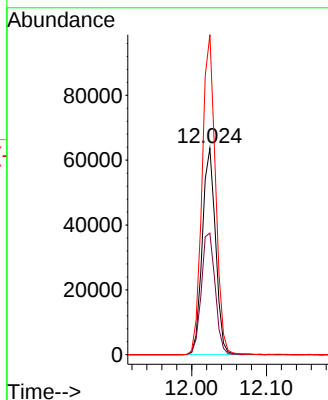
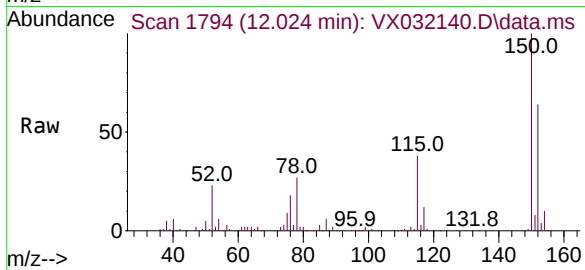




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032140.D
 Acq: 14 Oct 2022 17:23

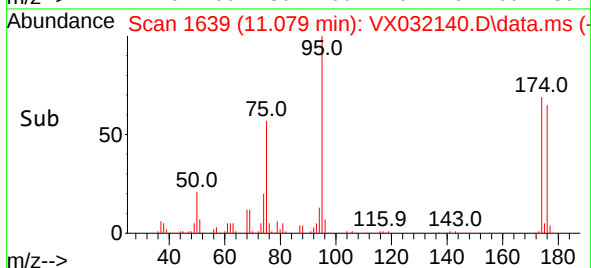
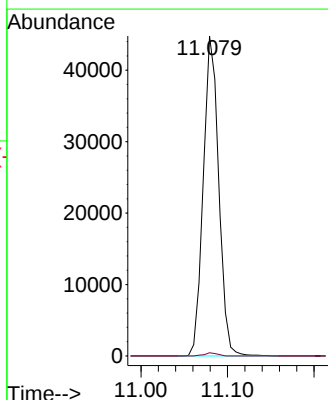
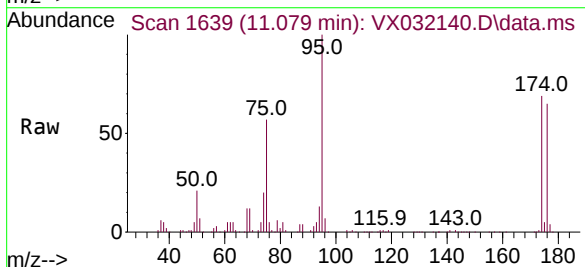
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

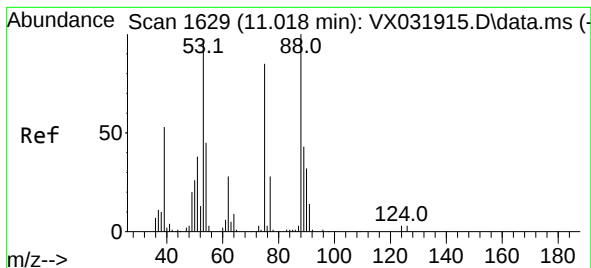
Tgt Ion:152 Resp: 78569
 Ion Ratio Lower Upper
 152 100
 115 61.5 43.4 130.1
 150 156.4 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 34.489 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX032140.D
 Acq: 14 Oct 2022 17:23

Tgt Ion: 75 Resp: 55536
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.3 60.9#

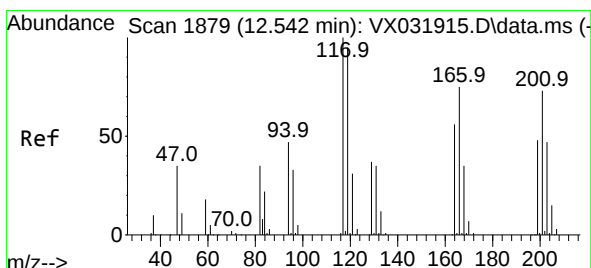
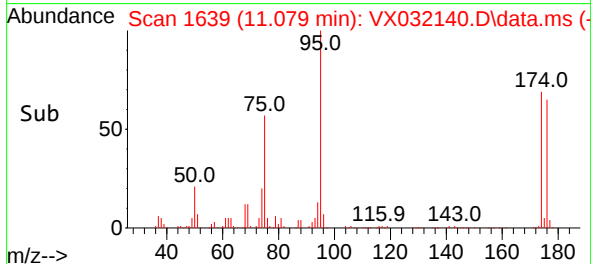
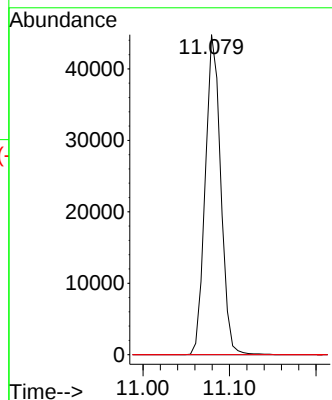
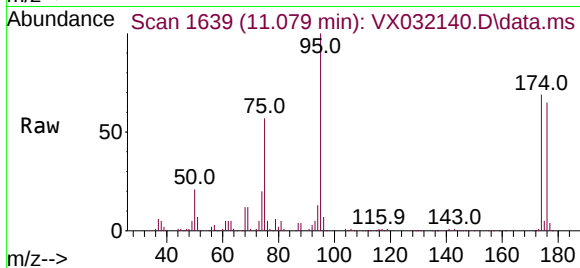




#81
trans-1,4-Dichloro-2-butene
Concen: 117.180 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032140.D
Acq: 14 Oct 2022 17:23

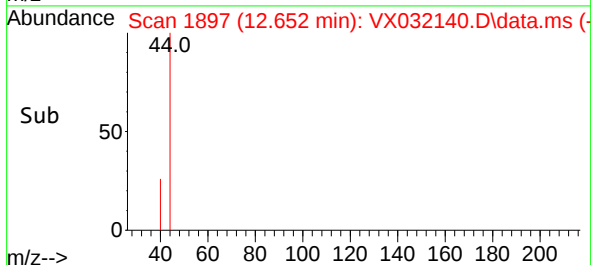
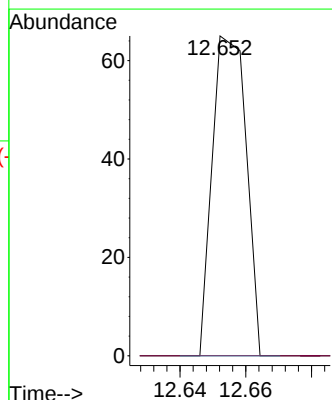
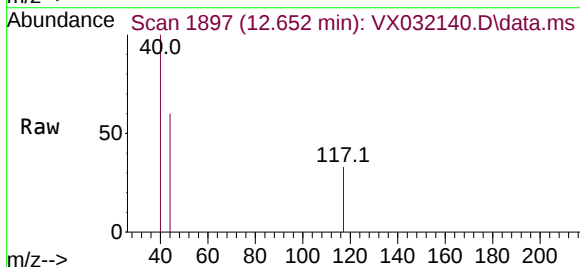
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

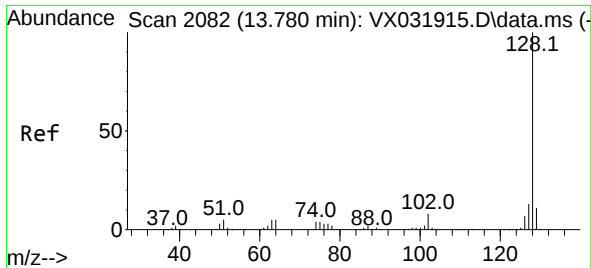
Tgt Ion: 75 Resp: 55536
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#90
Hexachloroethane
Concen: 1.364 ug/l
RT: 12.652 min Scan# 1897
Delta R.T. 0.110 min
Lab File: VX032140.D
Acq: 14 Oct 2022 17:23

Tgt Ion: 117 Resp: 46
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.4#





#95

Naphthalene

Concen: 0.372 ug/l

RT: 13.780 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX032140.D

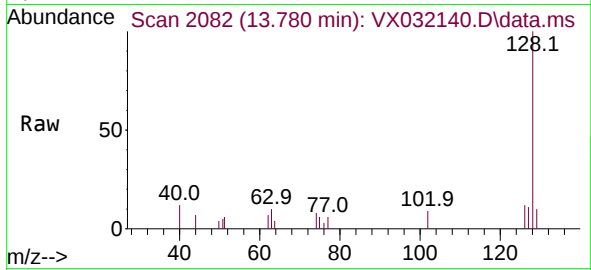
Acq: 14 Oct 2022 17:23

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion:128 Resp: 2137

Ion Ratio Lower Upper

128 100

127 8.8 10.4 15.6#

129 11.0 8.8 13.2

