

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031606.D
 Acq On : 23 Sep 2022 06:27
 Operator : JC/MD
 Sample : N4691-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

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

Quant Time: Sep 23 09:19:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

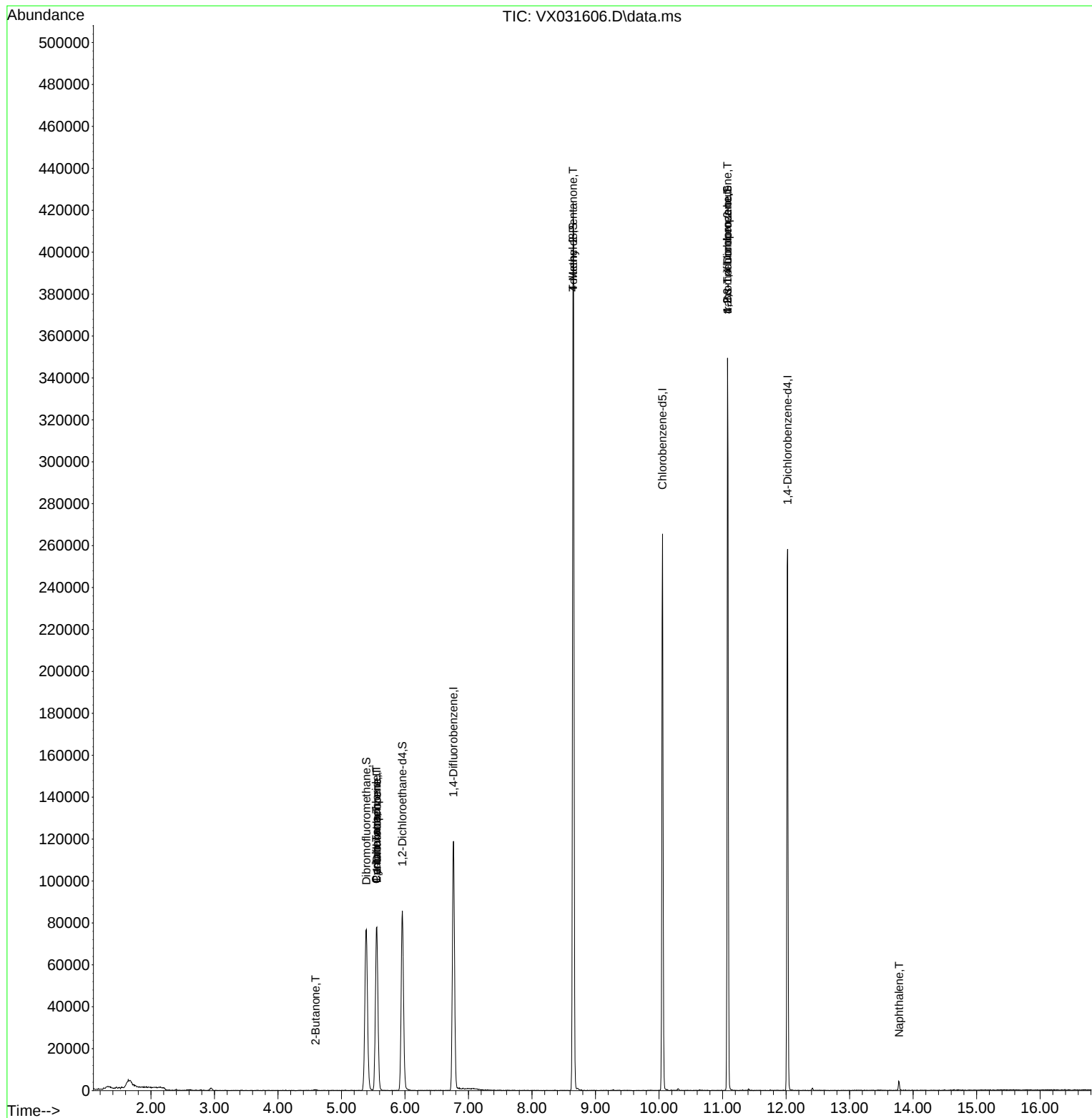
Internal Standards						
1) Pentafluorobenzene	5.556	168	76451	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	123286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75255	53.653	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.300%	
35) Dibromofluoromethane	5.391	113	63941	50.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.360%	
50) Toluene-d8	8.647	98	248048	50.500	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	11.079	95	76046	45.707	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.420%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	288	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	779	Below Cal	#	73
16) Acetone	2.392	43	522	Below Cal		92
20) Methylene Chloride	2.782	84	57	Below Cal	#	52
25) 2-Butanone	4.593	43	232	0.214	ug/l #	49
31) Cyclohexane	5.550	56	1766	0.849	ug/l #	21
36) 1,1-Dichloropropene	5.556	75	5815	2.967	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7544	3.473	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1357	0.587	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.085	83	111	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	44250	38.833	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	44250	125.037	ug/l #	11
95) Naphthalene	13.780	128	3412	0.932	ug/l #	92

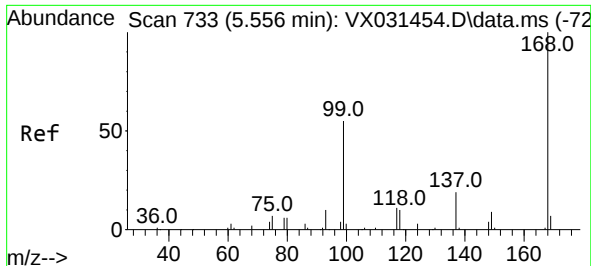
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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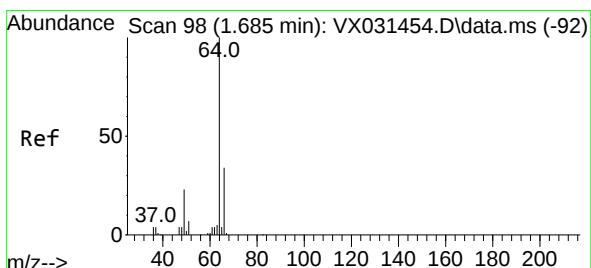
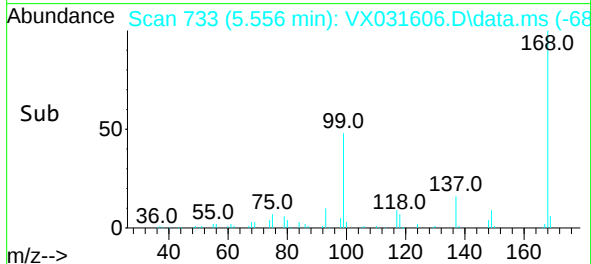
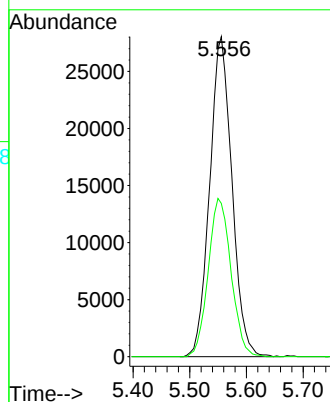
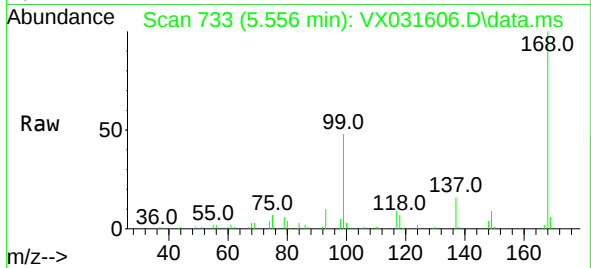




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031606.D
Acq: 23 Sep 2022 06:27

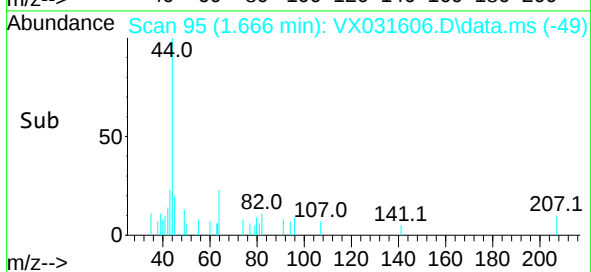
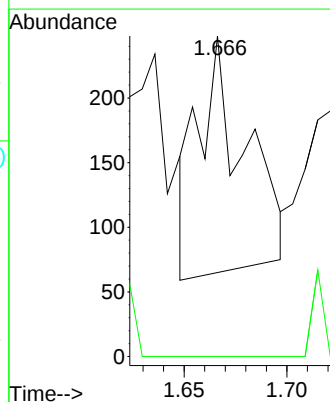
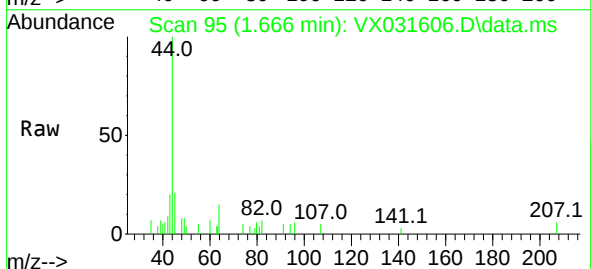
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

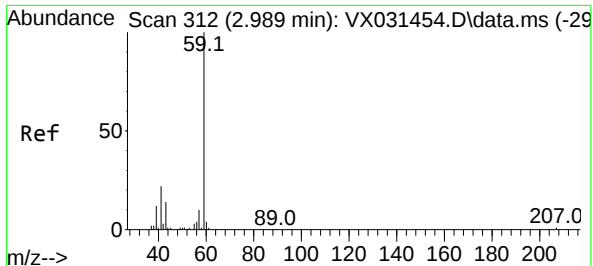
Tgt Ion:168 Resp: 76451
Ion Ratio Lower Upper
168 100
99 47.9 48.8 73.2#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
Lab File: VX031606.D
Acq: 23 Sep 2022 06:27

Tgt Ion: 64 Resp: 288
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 304

Delta R.T. -0.049 min

Lab File: VX031606.D

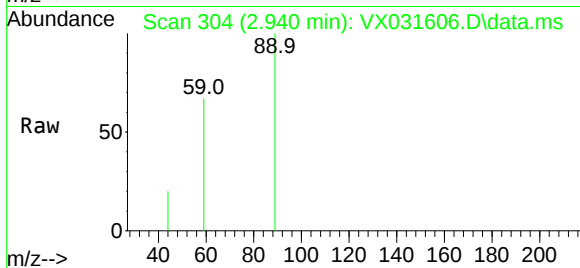
Acq: 23 Sep 2022 06:27

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

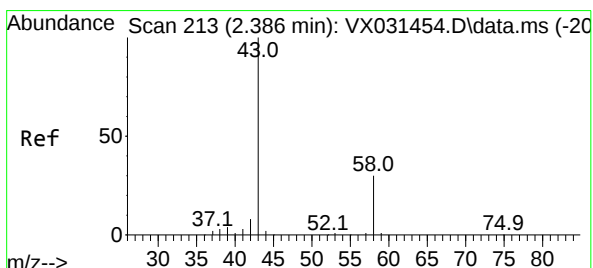
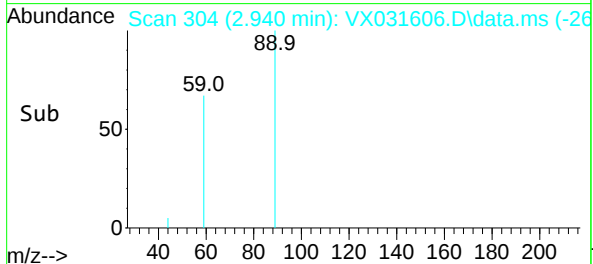
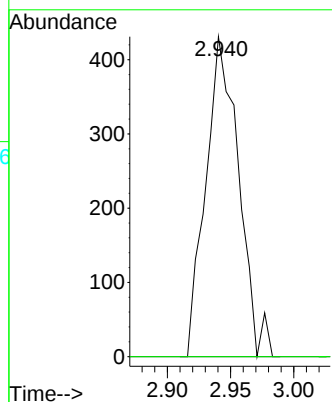


Tgt Ion: 59 Resp: 779

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031606.D

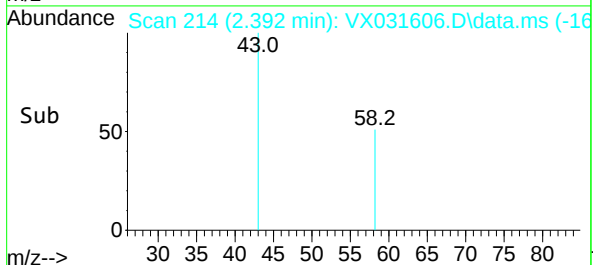
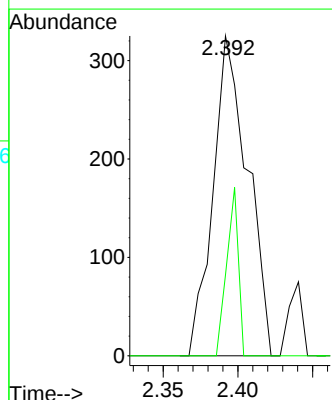
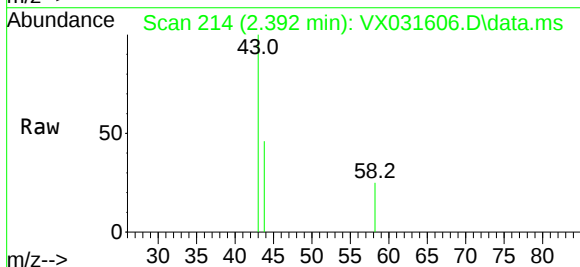
Acq: 23 Sep 2022 06:27

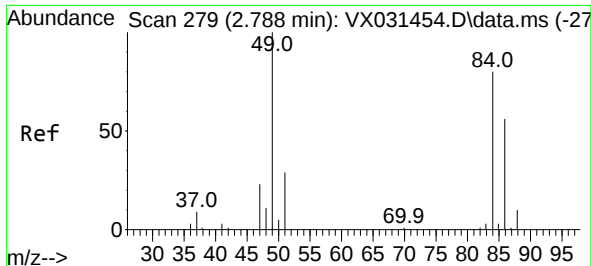
Tgt Ion: 43 Resp: 522

Ion Ratio Lower Upper

43 100

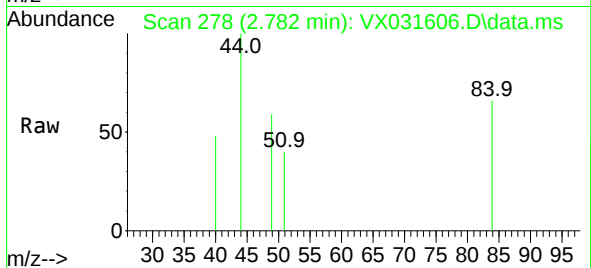
58 25.2 23.8 35.8



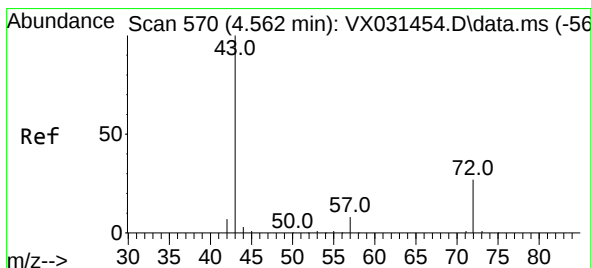
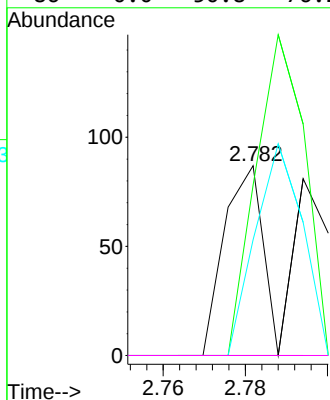
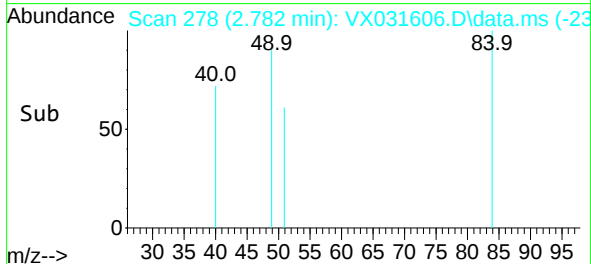


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031606.D
Acq: 23 Sep 2022 06:27

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

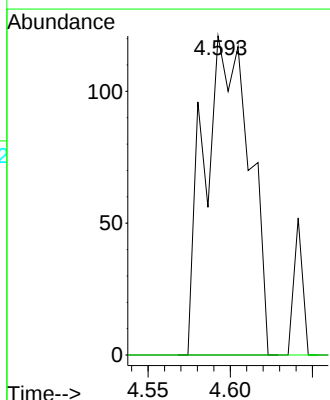
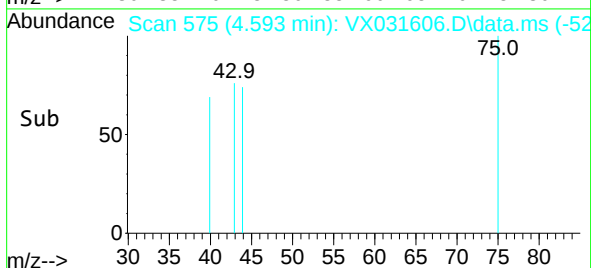
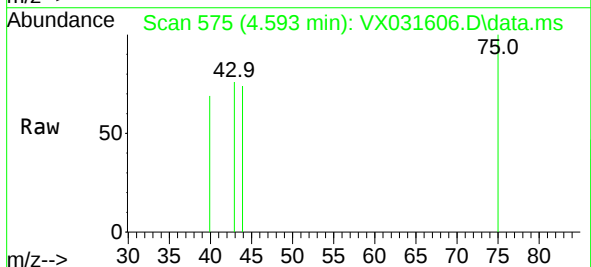


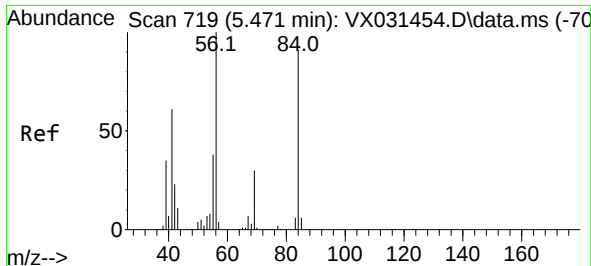
Tgt Ion: 84 Resp: 57
Ion Ratio Lower Upper
84 100
49 89.7 105.9 158.9#
51 60.9 32.2 48.2#
86 0.0 50.8 76.2#



#25
2-Butanone
Concen: 0.214 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.031 min
Lab File: VX031606.D
Acq: 23 Sep 2022 06:27

Tgt Ion: 43 Resp: 232
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#

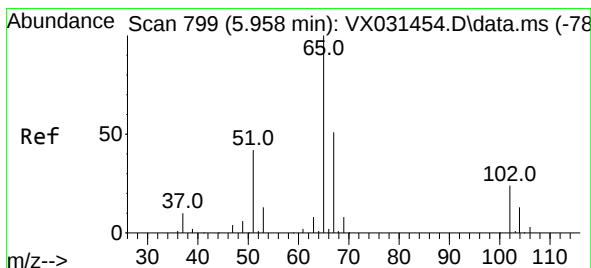
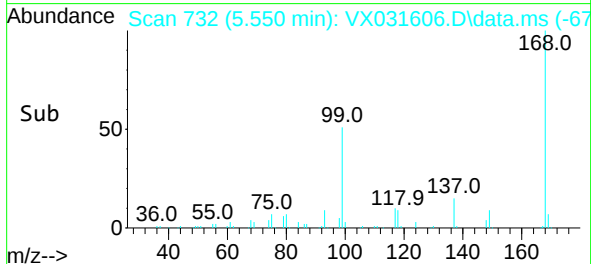
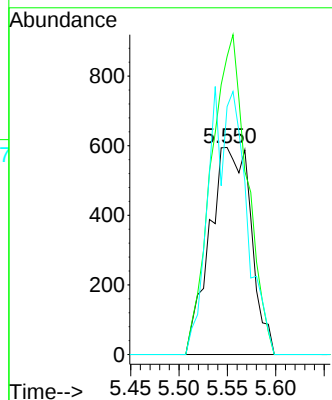
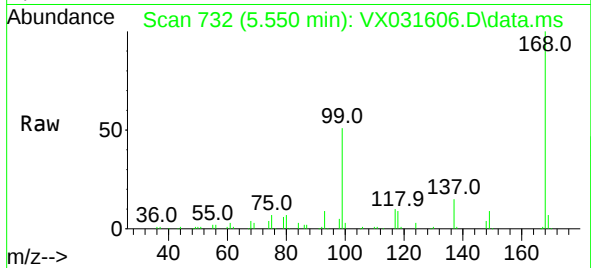




#31
Cyclohexane
Concen: 0.849 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031606.D
Acq: 23 Sep 2022 06:27

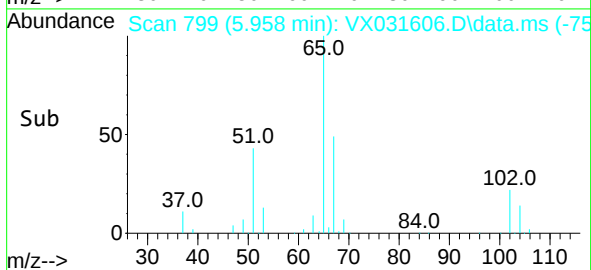
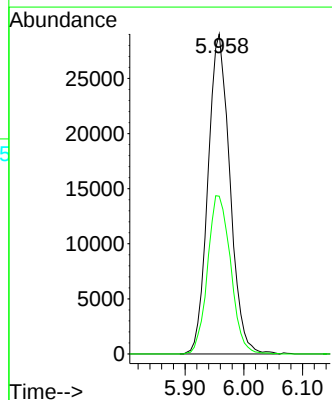
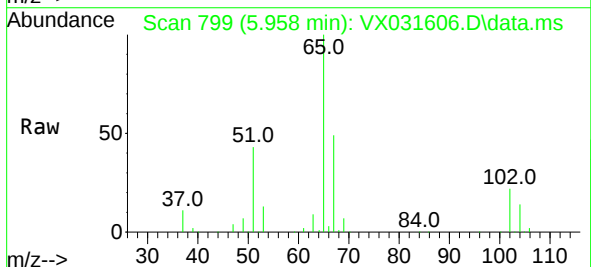
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

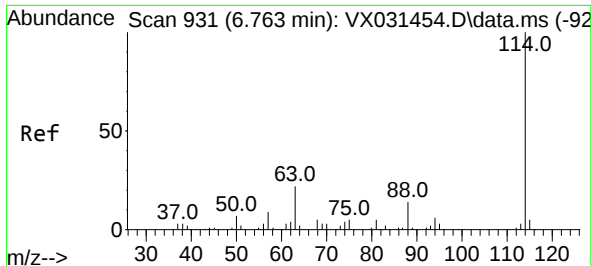
Tgt Ion: 56 Resp: 1766
Ion Ratio Lower Upper
56 100
69 143.9 25.1 37.7#
84 119.7 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.653 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031606.D
Acq: 23 Sep 2022 06:27

Tgt Ion: 65 Resp: 75255
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4

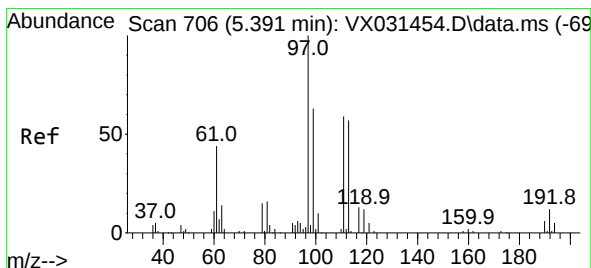
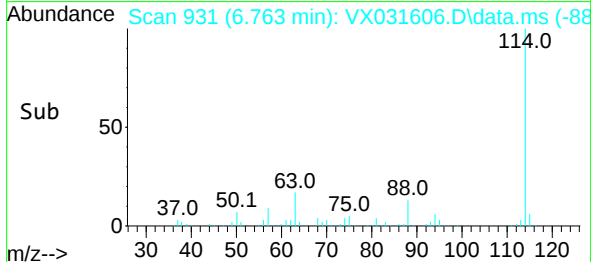
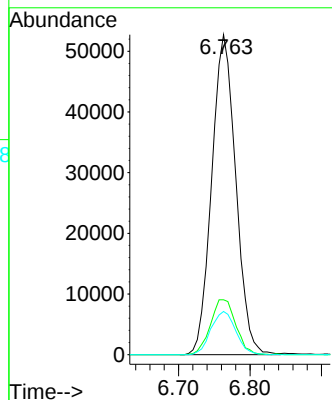
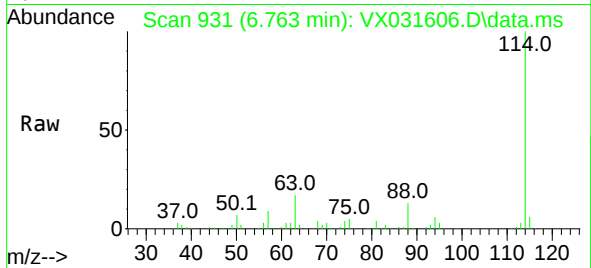




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031606.D
Acq: 23 Sep 2022 06:27

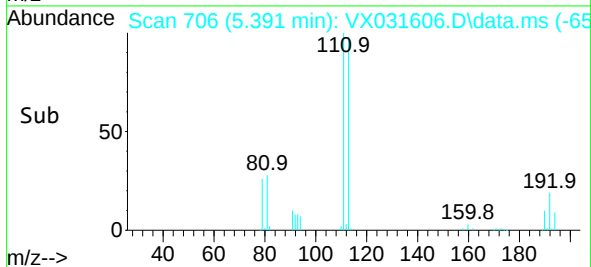
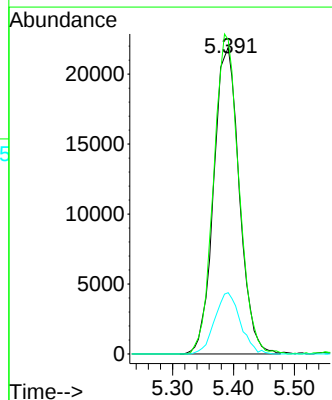
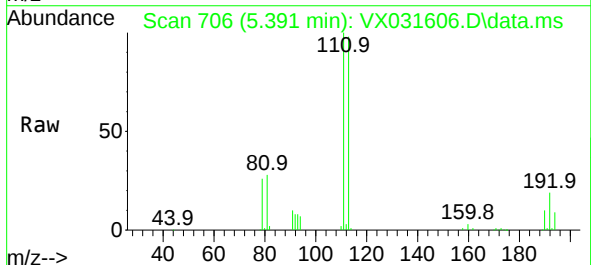
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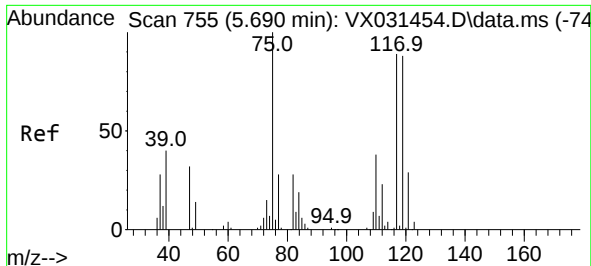
Tgt Ion:114 Resp: 123286
Ion Ratio Lower Upper
114 100
63 17.1 0.0 42.6
88 13.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.180 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031606.D
Acq: 23 Sep 2022 06:27

Tgt Ion:113 Resp: 63941
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 20.0 14.1 21.1

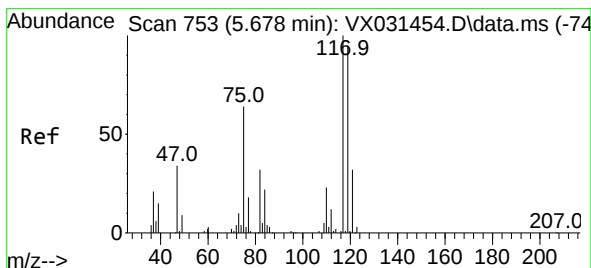
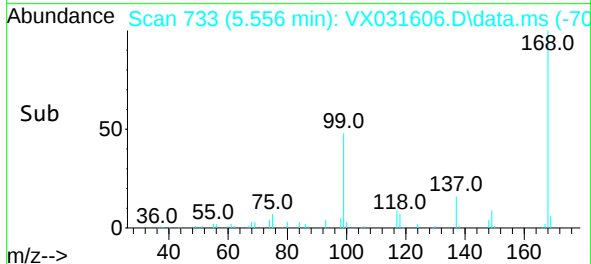
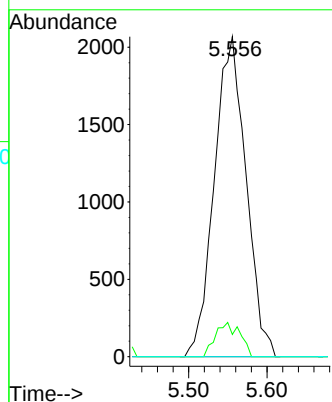
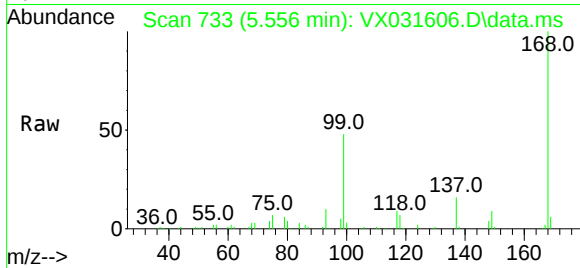




#36
1,1-Dichloropropene
Concen: 2.967 ug/l
RT: 5.556 min Scan# 715
Delta R.T. -0.134 min
Lab File: VX031606.D
Acq: 23 Sep 2022 06:27

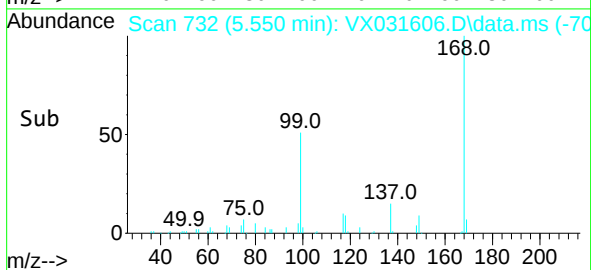
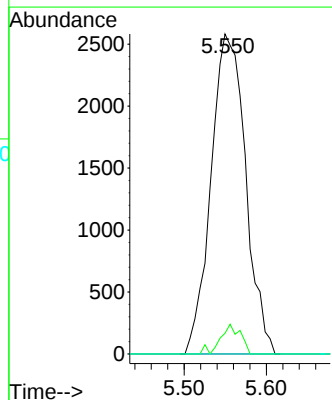
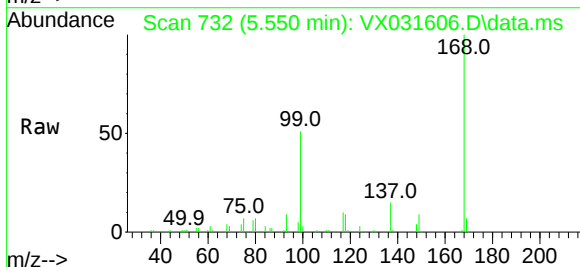
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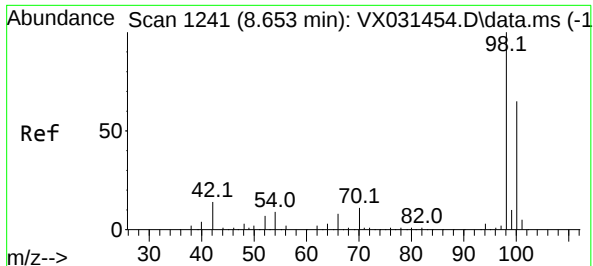
Tgt Ion: 75 Resp: 5815
Ion Ratio Lower Upper
75 100
110 8.2 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.473 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031606.D
Acq: 23 Sep 2022 06:27

Tgt Ion: 117 Resp: 7544
Ion Ratio Lower Upper
117 100
119 6.5 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 50.500 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031606.D

Acq: 23 Sep 2022 06:27

Instrument :

MSVOA_X

ClientSampleId :

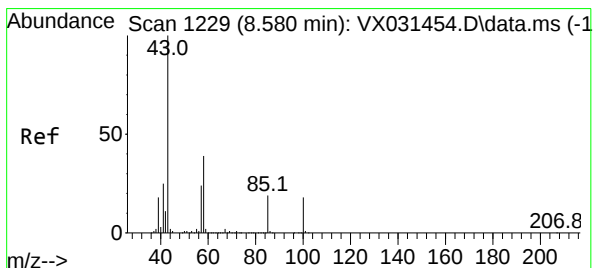
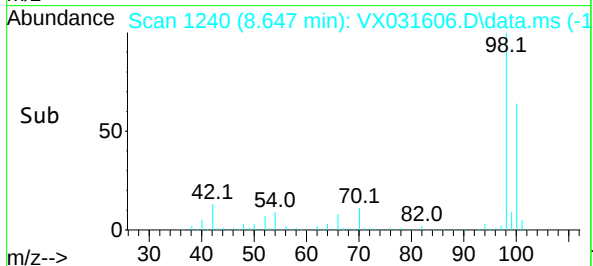
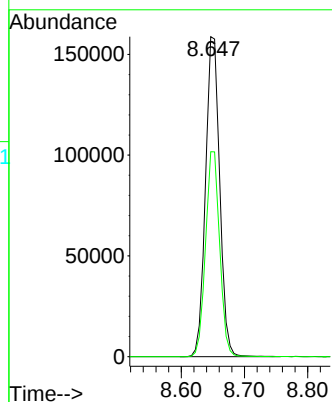
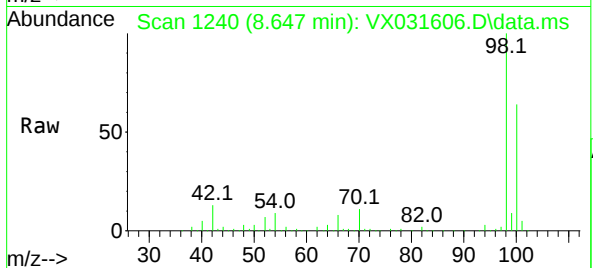
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 248048

Ion Ratio Lower Upper

98 100

100 63.8 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.587 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031606.D

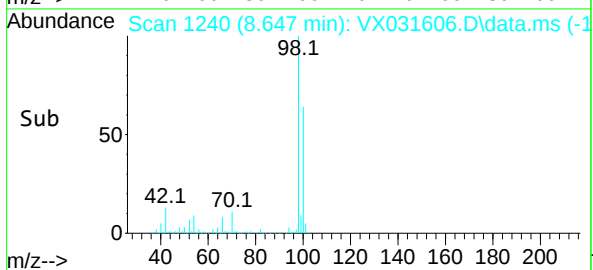
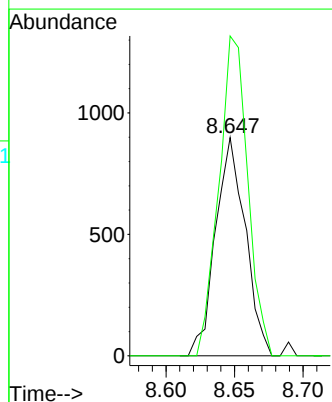
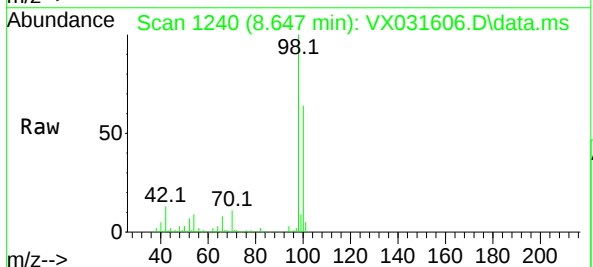
Acq: 23 Sep 2022 06:27

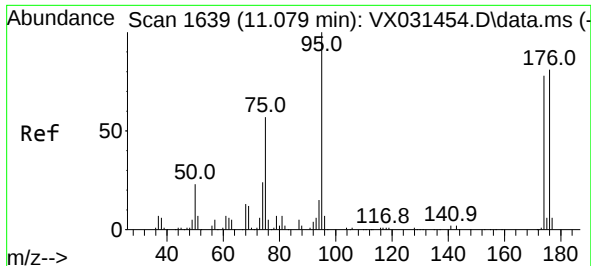
Tgt Ion: 43 Resp: 1357

Ion Ratio Lower Upper

43 100

58 142.5 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 45.707 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031606.D

Acq: 23 Sep 2022 06:27

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

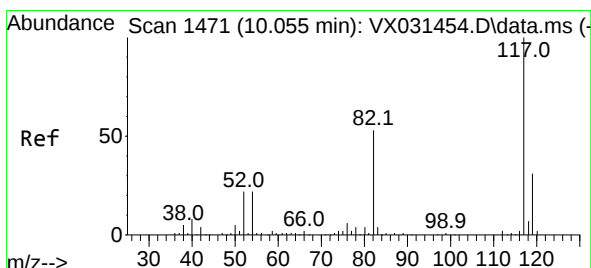
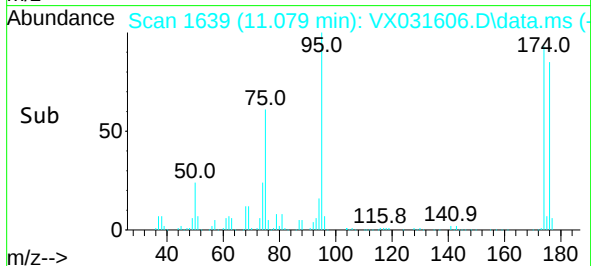
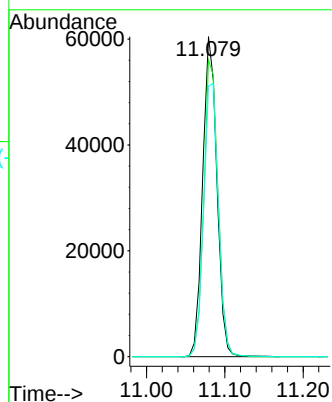
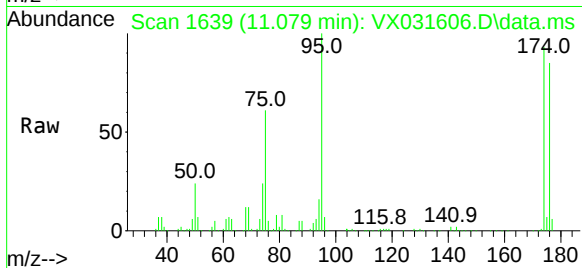
Tgt Ion: 95 Resp: 76046

Ion Ratio Lower Upper

95 100

174 93.2 0.0 153.2

176 88.9 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: VX031606.D

Acq: 23 Sep 2022 06:27

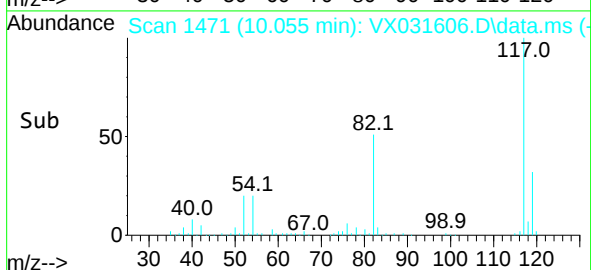
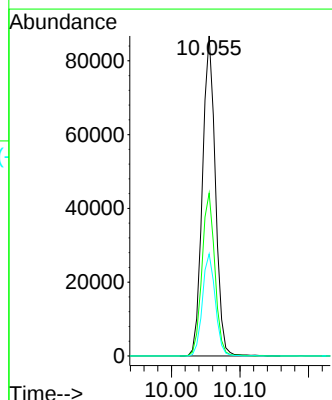
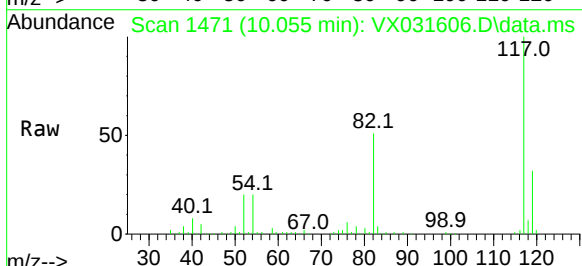
Tgt Ion: 117 Resp: 114262

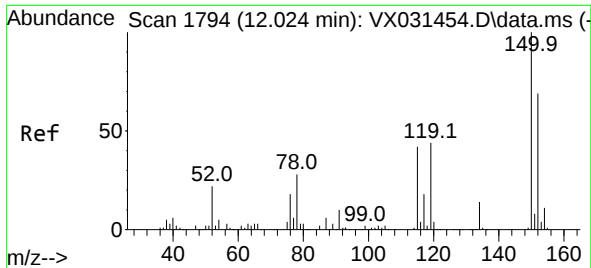
Ion Ratio Lower Upper

117 100

82 50.9 46.8 70.2

119 31.9 26.4 39.6

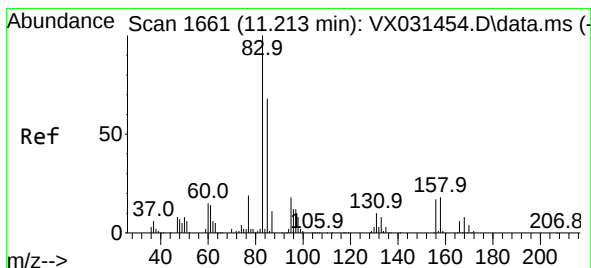
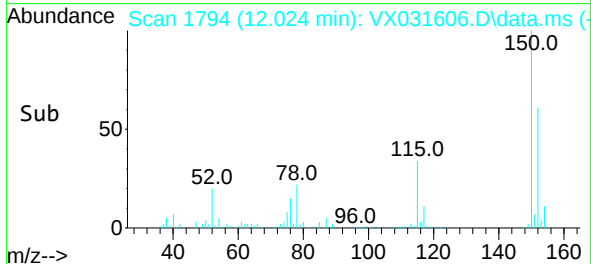
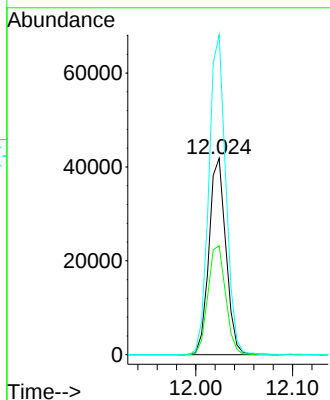
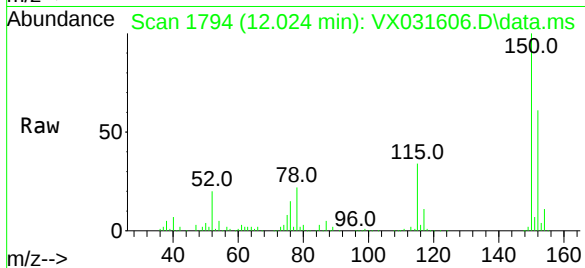




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031606.D
 Acq: 23 Sep 2022 06:27

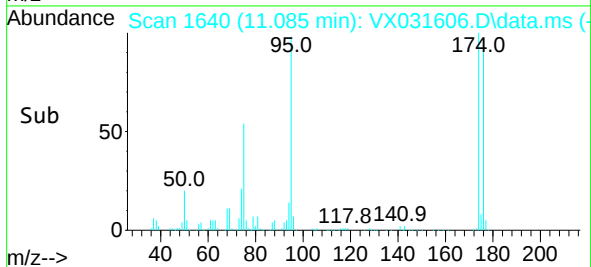
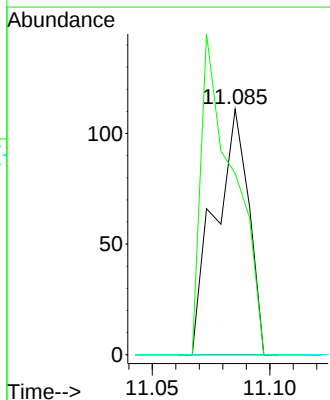
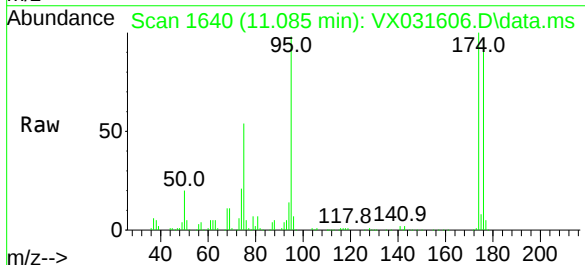
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

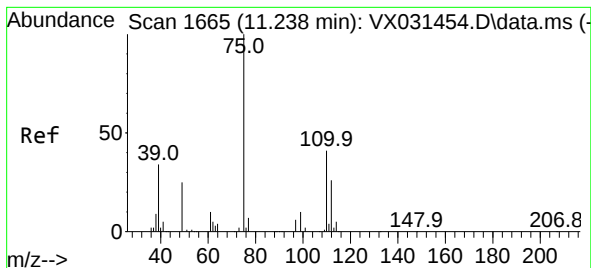
Tgt Ion:152 Resp: 51055
 Ion Ratio Lower Upper
 152 100
 115 57.9 43.4 130.1
 150 162.3 0.0 346.8



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.128 min
 Lab File: VX031606.D
 Acq: 23 Sep 2022 06:27

Tgt Ion: 83 Resp: 111
 Ion Ratio Lower Upper
 83 100
 131 125.2 5.1 15.4#
 85 0.0 32.6 97.8#





#76

1,2,3-Trichloropropane

Concen: 38.833 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX031606.D

Acq: 23 Sep 2022 06:27

Instrument :

MSVOA_X

ClientSampleId :

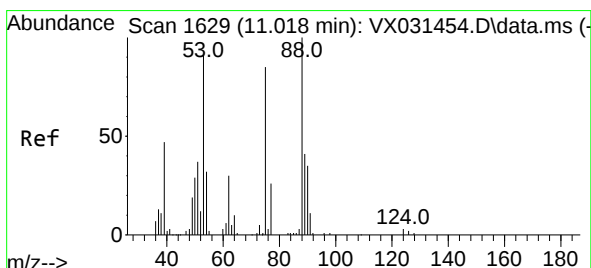
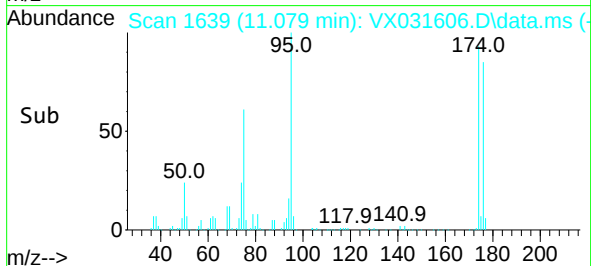
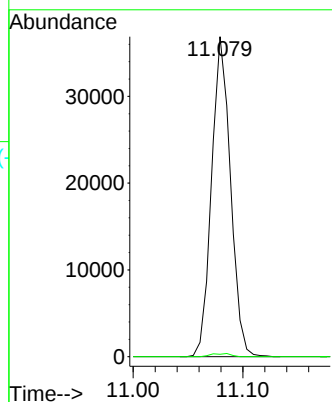
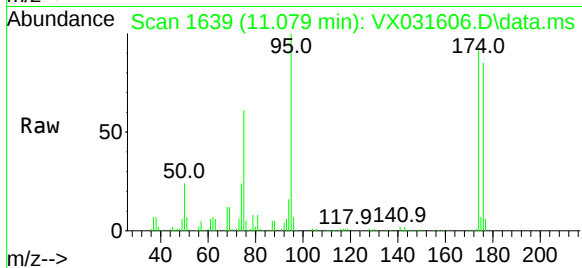
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 44250

Ion Ratio Lower Upper

75 100

77 1.0 20.3 60.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.037 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX031606.D

Acq: 23 Sep 2022 06:27

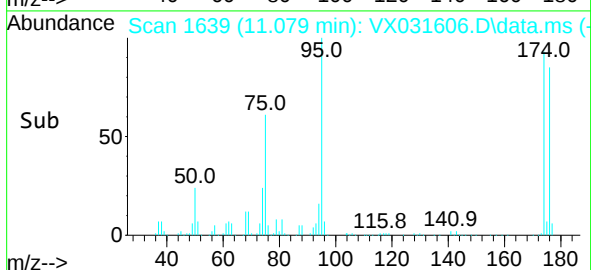
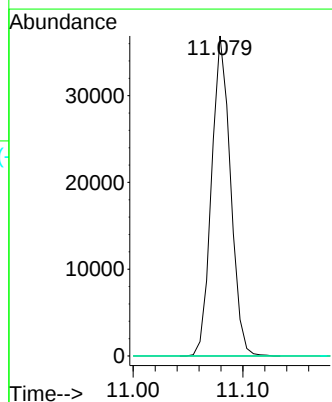
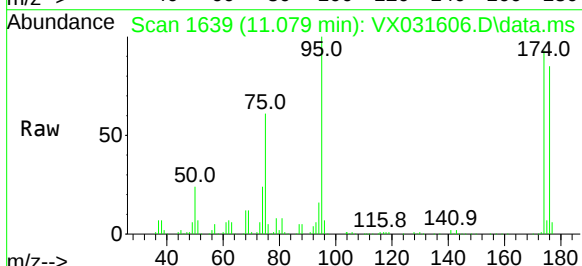
Tgt Ion: 75 Resp: 44250

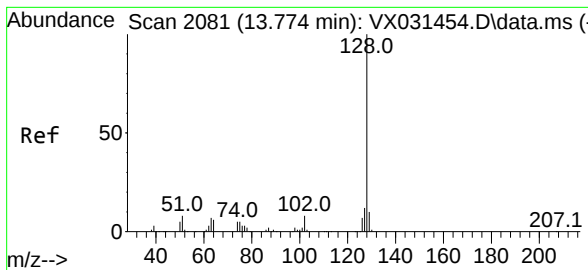
Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

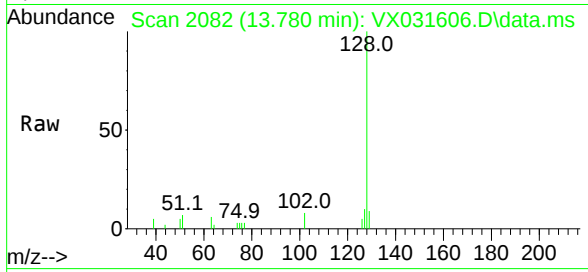
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 0.932 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031606.D
Acq: 23 Sep 2022 06:27

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



Tgt Ion	Ratio	Lower	Upper
128	100		
127	9.6	10.4	15.6#
129	8.4	8.8	13.2#

