

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028932.D
 Acq On : 24 May 2022 19:25
 Operator : JC/MD
 Sample : N2980-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: May 25 01:51:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

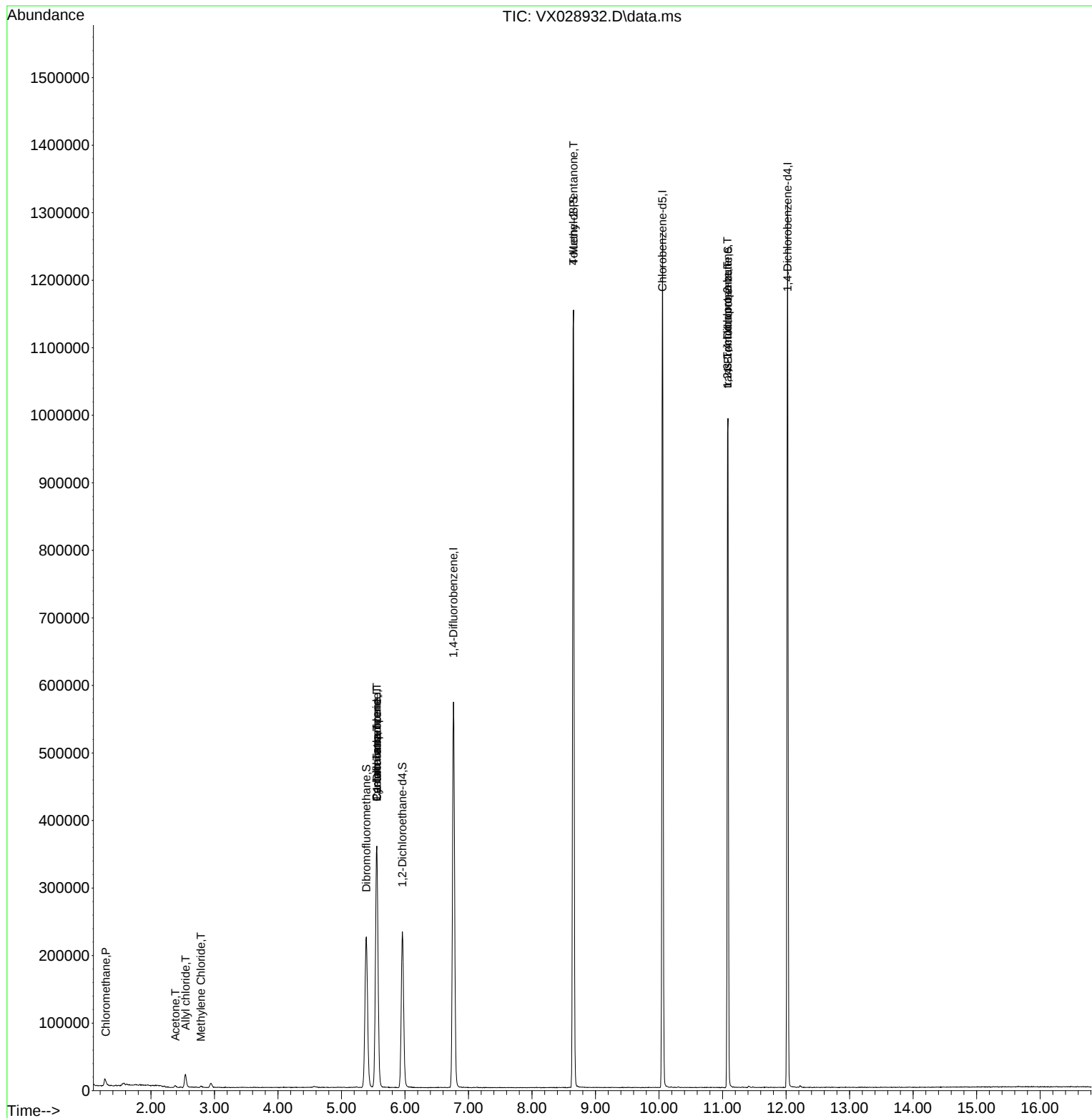
Internal Standards						
1) Pentafluorobenzene	5.556	168	331846	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	593161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	568474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	268700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	229253	50.398	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.800%	
35) Dibromofluoromethane	5.391	113	196108	50.461	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.920%	
50) Toluene-d8	8.653	98	709595	48.430	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.860%	
62) 4-Bromofluorobenzene	11.085	95	281912	51.513	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	837	0.205	ug/l	# 65
5) Bromomethane	1.618	94	699	Below Cal	#	54
6) Chloroethane	1.733	64	331	Below Cal	#	62
11) Tert butyl alcohol	2.941	59	3694	Below Cal	#	72
14) Allyl chloride	2.544	41	2403	0.436	ug/l	# 52
16) Acetone	2.386	43	3320	1.701	ug/l	88
20) Methylene Chloride	2.788	84	873	0.213	ug/l	97
31) Cyclohexane	5.556	56	6392	1.012	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	25900	4.437	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	34664	5.901	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	2685	0.427	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	142222	22.601	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	142222	66.076	ug/l	# 15

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
Data File : VX028932.D
Acq On : 24 May 2022 19:25
Operator : JC/MD
Sample : N2980-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: May 25 01:51:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

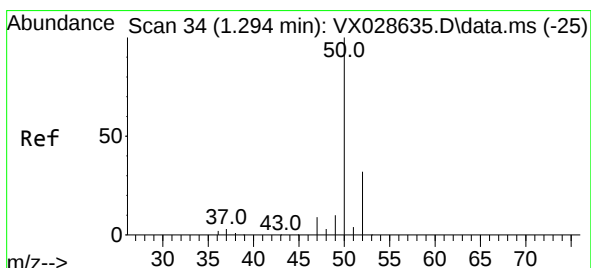
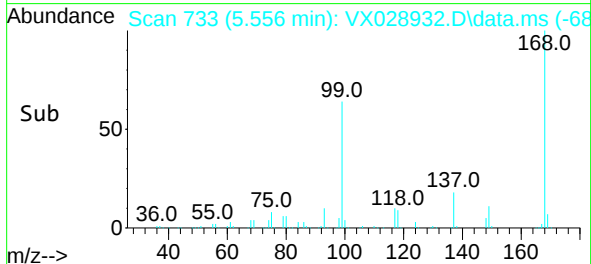
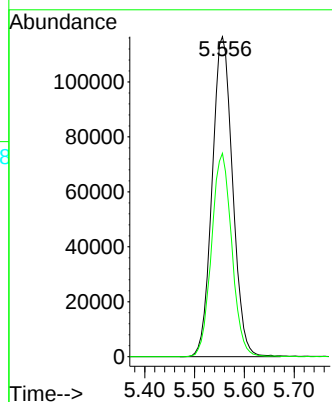
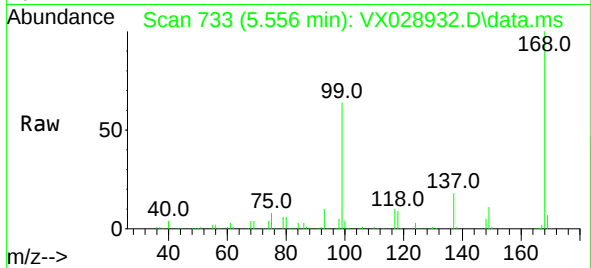




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

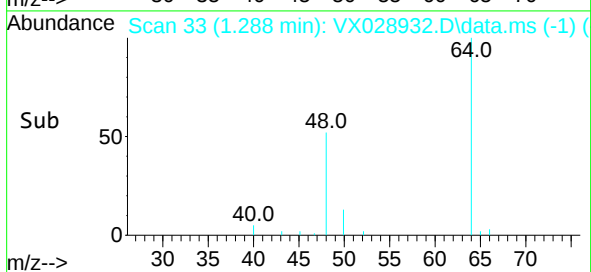
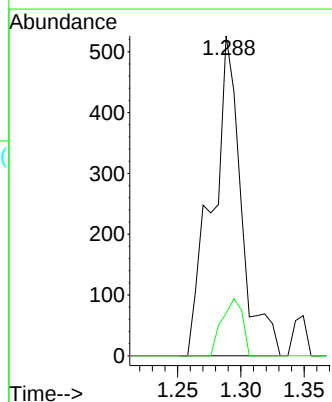
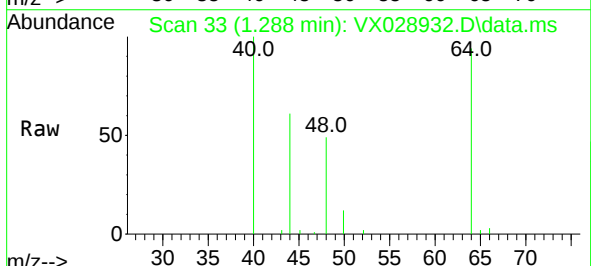
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

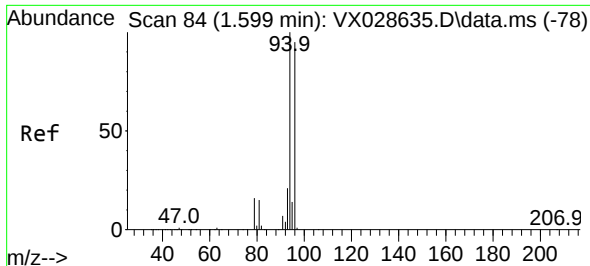
Tgt Ion:168 Resp: 331846
Ion Ratio Lower Upper
168 100
99 63.5 41.7 62.5#



#3
Chloromethane
Concen: 0.205 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

Tgt Ion: 50 Resp: 837
Ion Ratio Lower Upper
50 100
52 13.3 26.4 39.6#

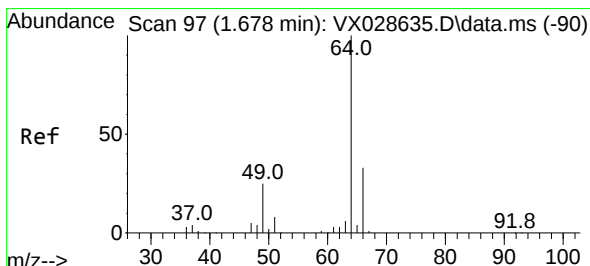
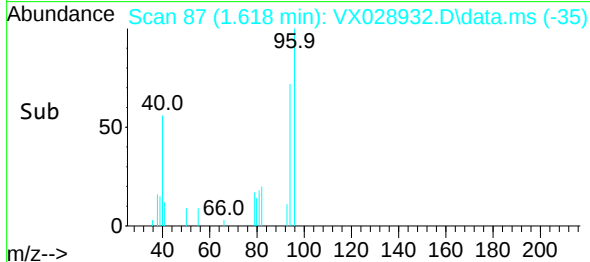
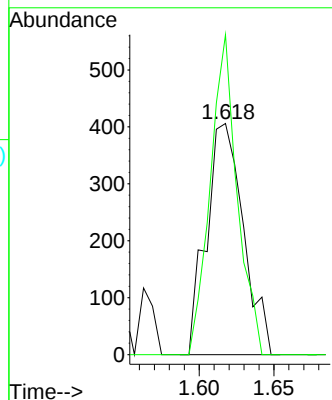
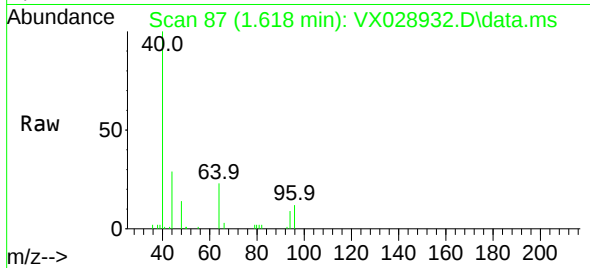




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

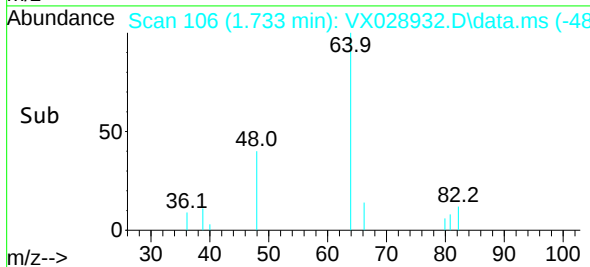
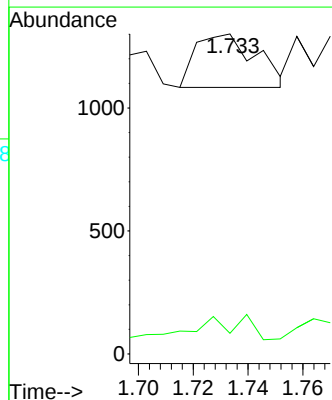
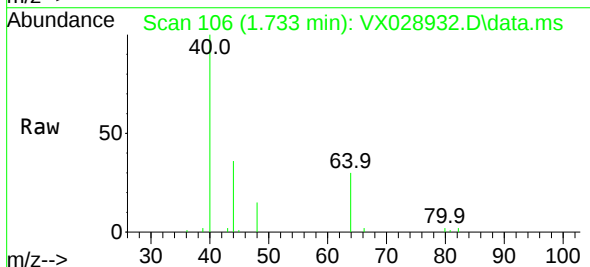
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

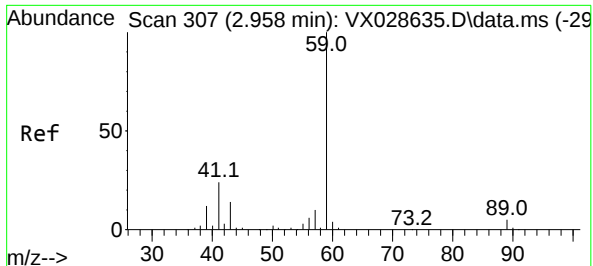
Tgt Ion: 94 Resp: 699
Ion Ratio Lower Upper
94 100
96 138.4 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.733 min Scan# 106
Delta R.T. 0.055 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

Tgt Ion: 64 Resp: 331
Ion Ratio Lower Upper
64 100
66 10.6 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX028932.D

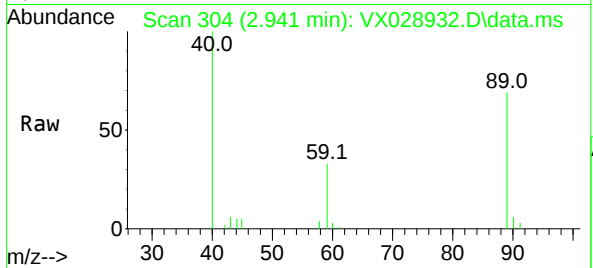
Acq: 24 May 2022 19:25

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

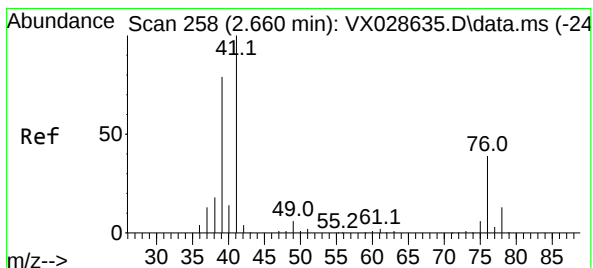
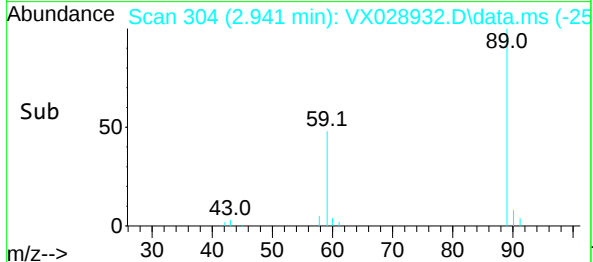
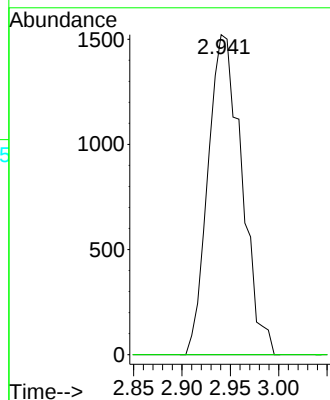


Tgt Ion: 59 Resp: 3694

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.436 ug/l

RT: 2.544 min Scan# 239

Delta R.T. -0.116 min

Lab File: VX028932.D

Acq: 24 May 2022 19:25

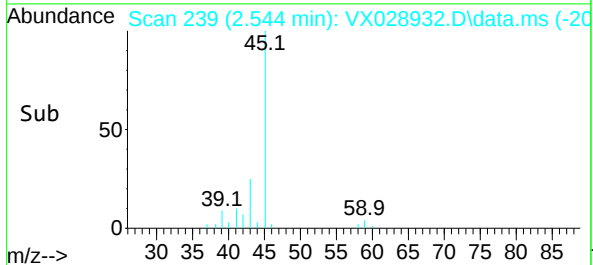
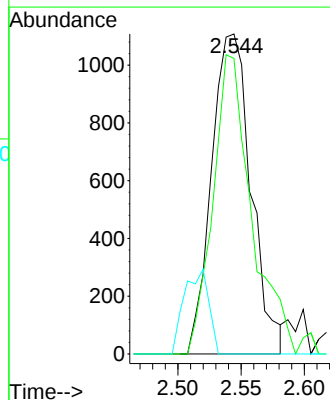
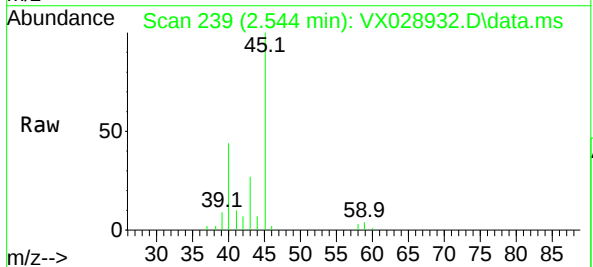
Tgt Ion: 41 Resp: 2403

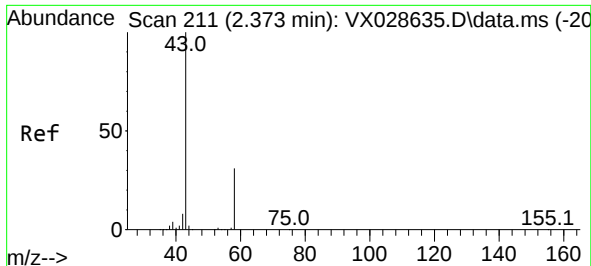
Ion Ratio Lower Upper

41 100

39 91.0 50.4 75.6#

76 0.0 32.7 49.1#

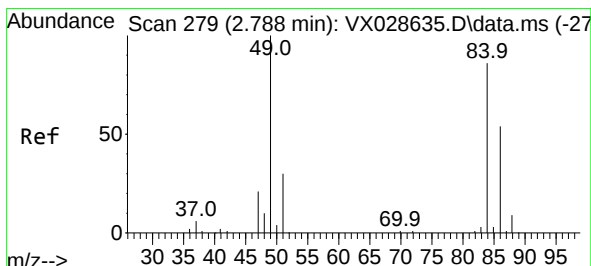
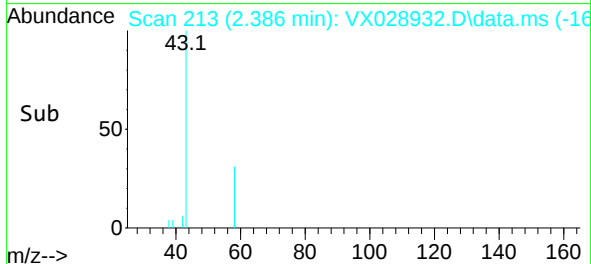
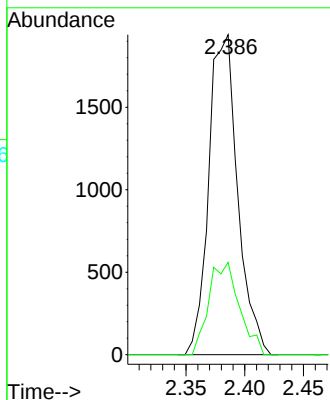
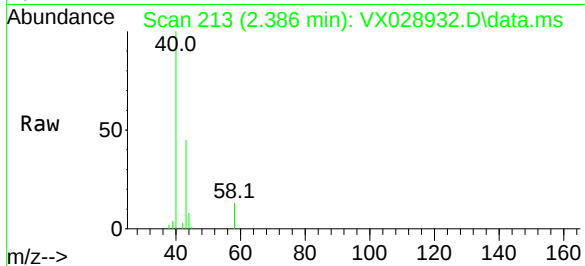




#16
Acetone
Concen: 1.701 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

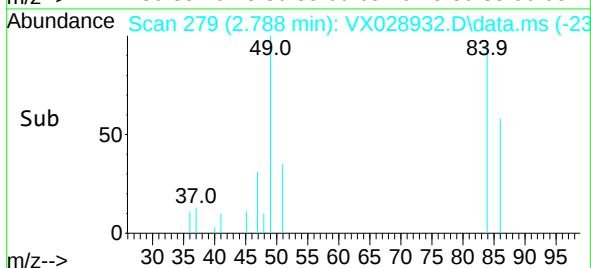
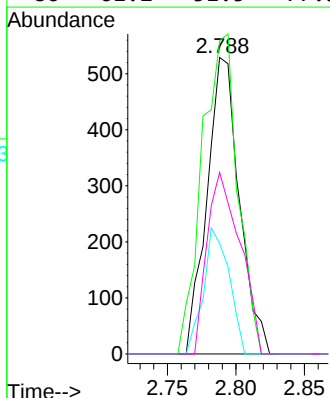
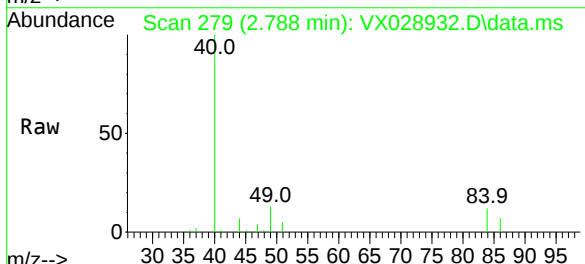
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

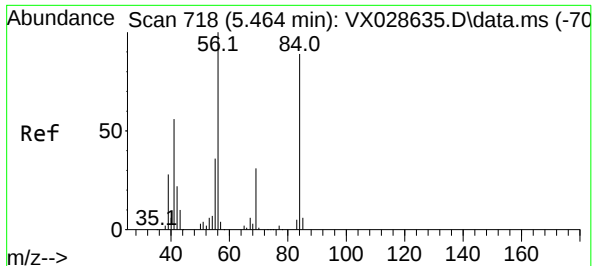
Tgt Ion: 43 Resp: 3320
Ion Ratio Lower Upper
43 100
58 28.9 28.8 43.2



#20
Methylene Chloride
Concen: 0.213 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

Tgt Ion: 84 Resp: 873
Ion Ratio Lower Upper
84 100
49 105.7 85.5 128.3
51 37.2 26.6 39.8
86 61.2 51.5 77.3

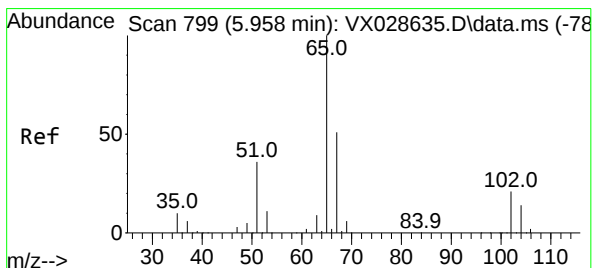
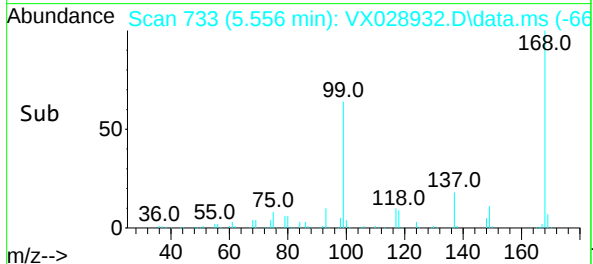
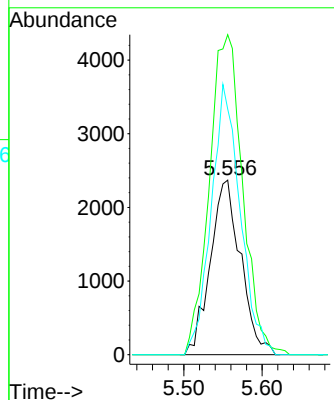
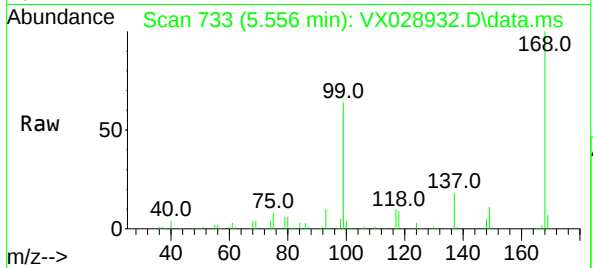




#31
Cyclohexane
Concen: 1.012 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

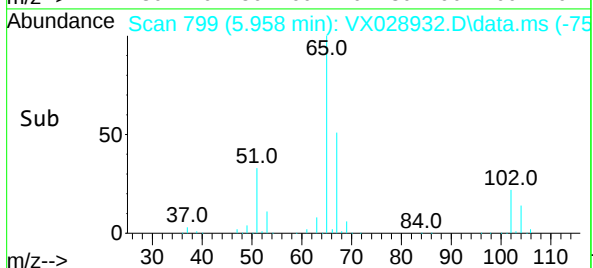
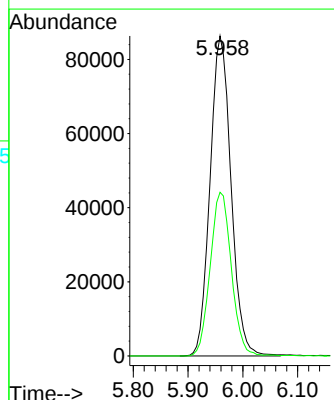
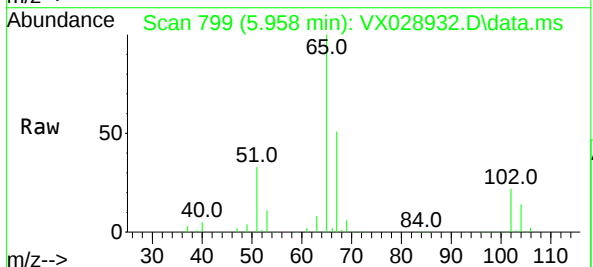
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

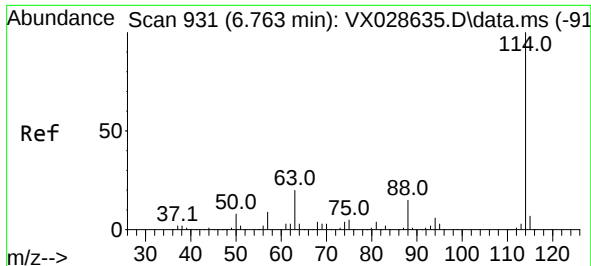
Tgt Ion: 56 Resp: 6392
Ion Ratio Lower Upper
56 100
69 183.3 26.7 40.1#
84 140.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.398 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

Tgt Ion: 65 Resp: 229253
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4

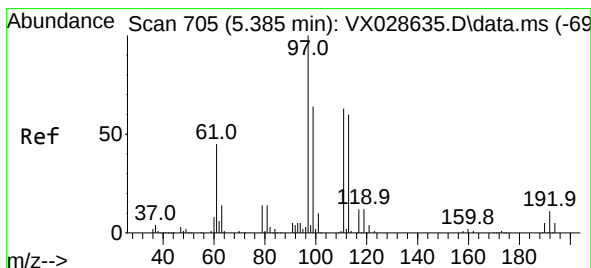
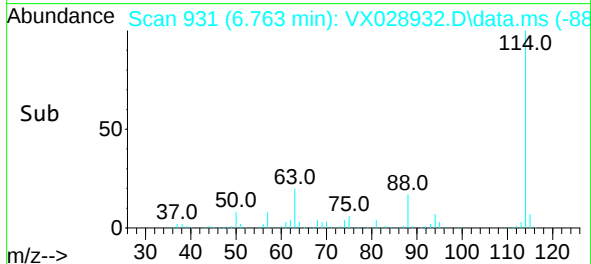
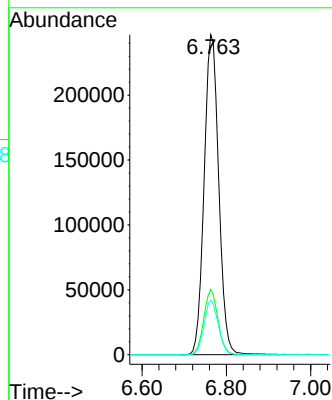
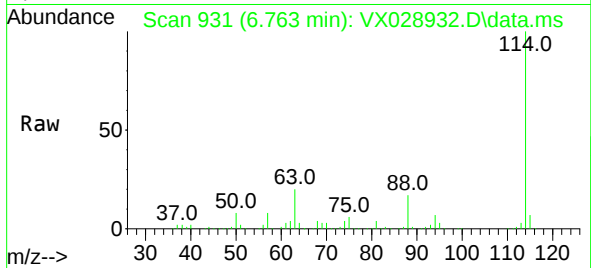




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

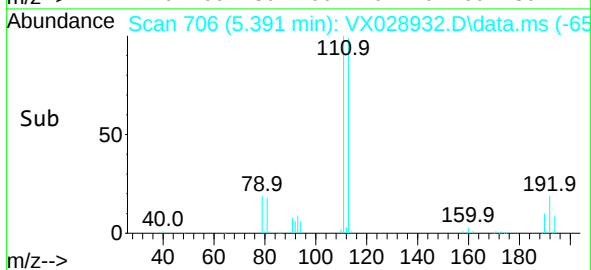
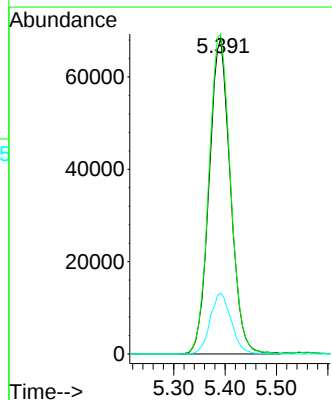
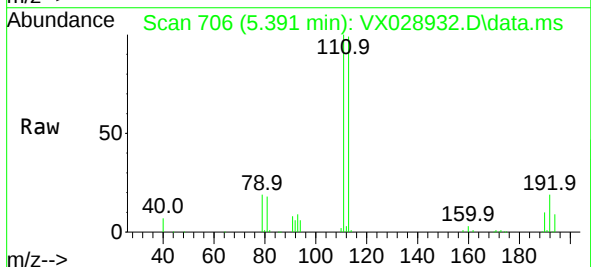
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

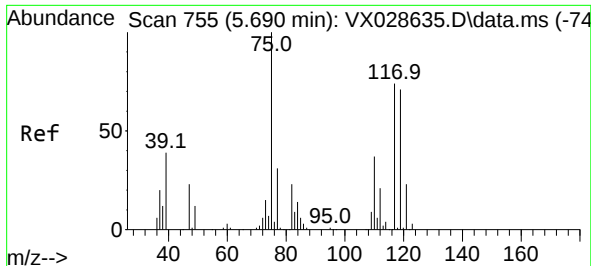
Tgt Ion:114 Resp: 593161
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.8
88 17.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.461 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

Tgt Ion:113 Resp: 196108
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 19.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.437 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX028932.D

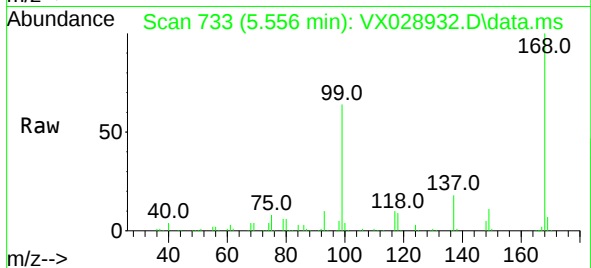
Acq: 24 May 2022 19:25

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



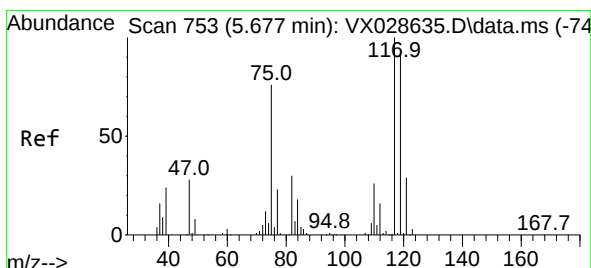
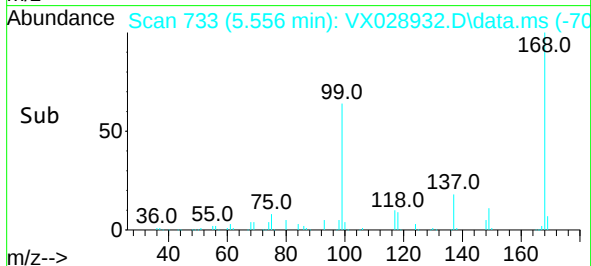
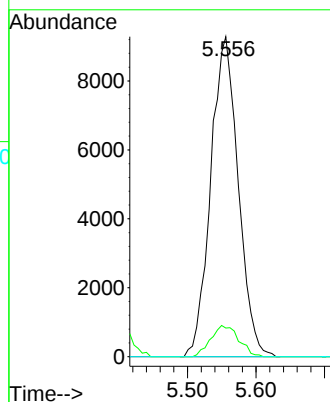
Tgt Ion: 75 Resp: 25900

Ion Ratio Lower Upper

75 100

110 9.9 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.901 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX028932.D

Acq: 24 May 2022 19:25

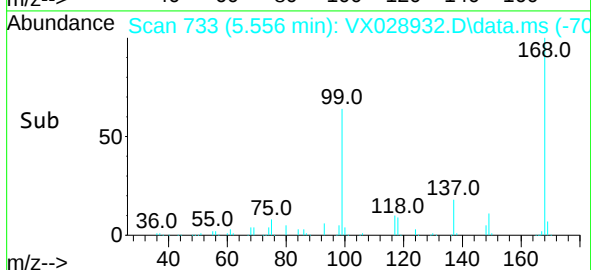
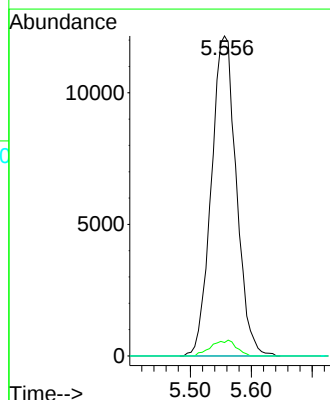
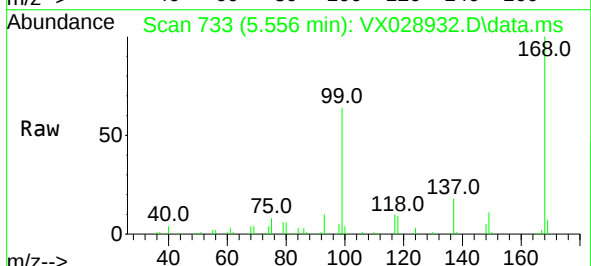
Tgt Ion: 117 Resp: 34664

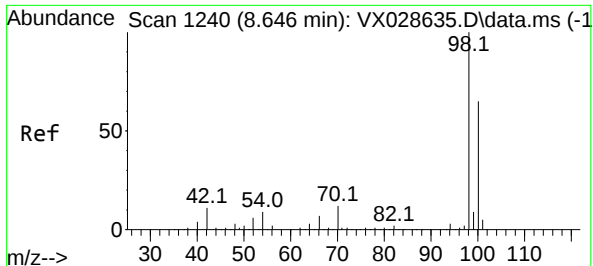
Ion Ratio Lower Upper

117 100

119 4.2 77.3 115.9#

121 0.0 24.2 36.2#

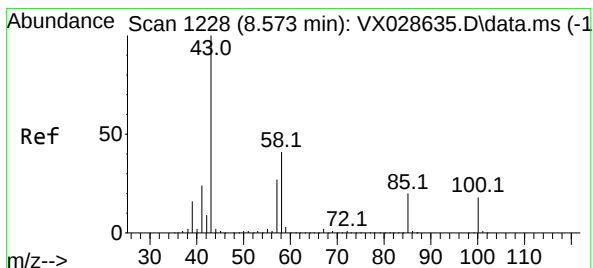
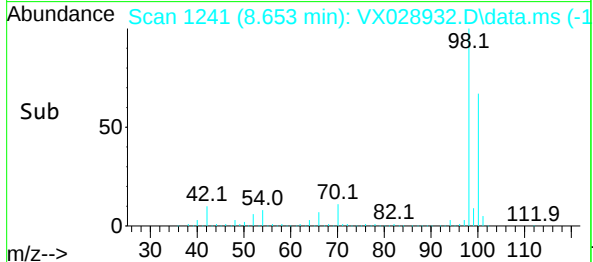
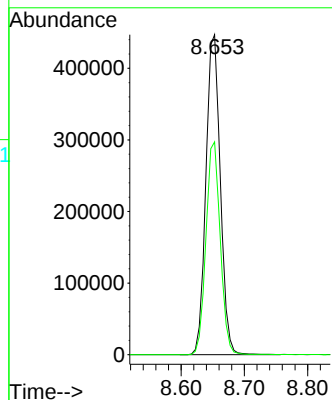
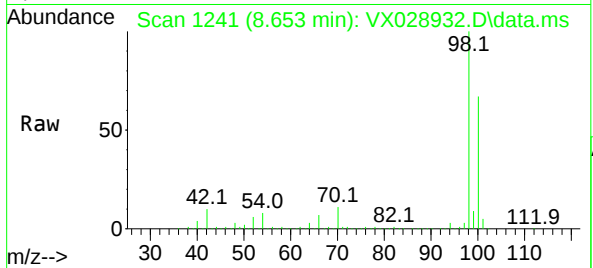




#50
Toluene-d8
Concen: 48.430 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

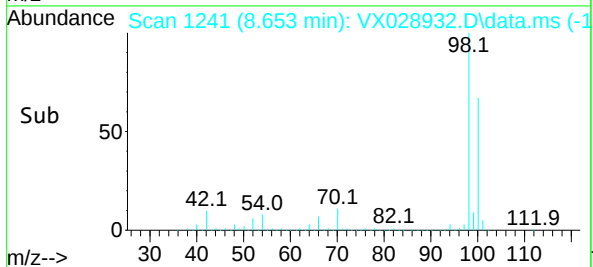
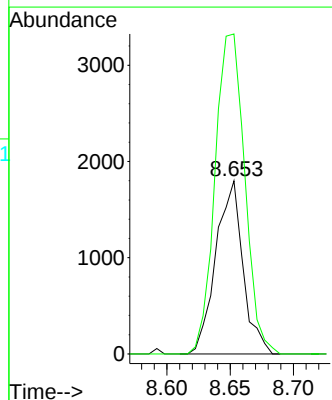
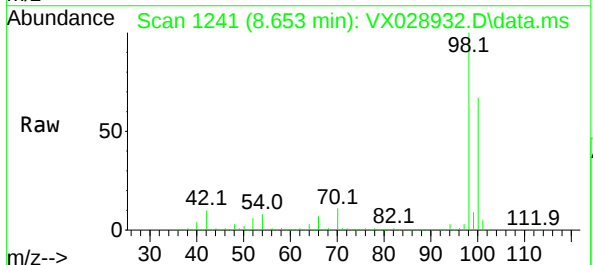
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

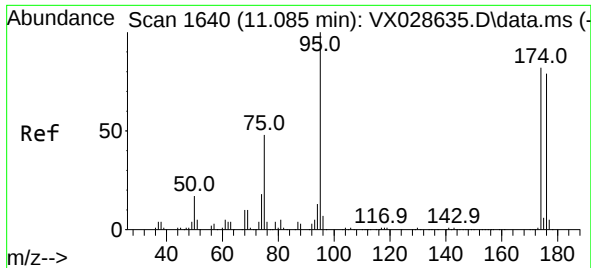
Tgt Ion: 98 Resp: 709595
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.427 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

Tgt Ion: 43 Resp: 2685
Ion Ratio Lower Upper
43 100
58 202.3 36.1 54.1#

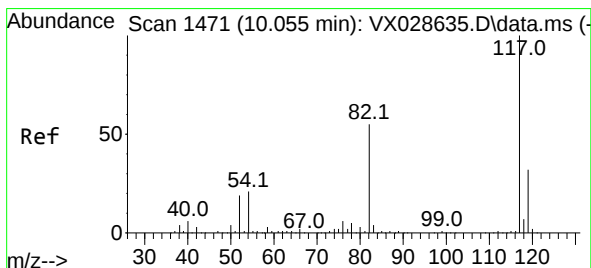
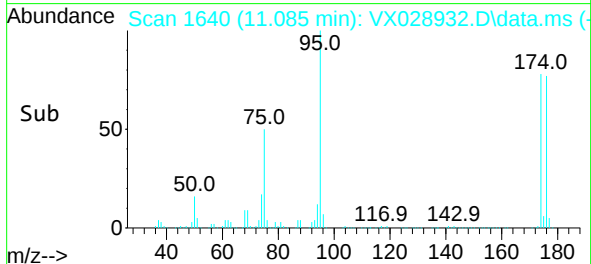
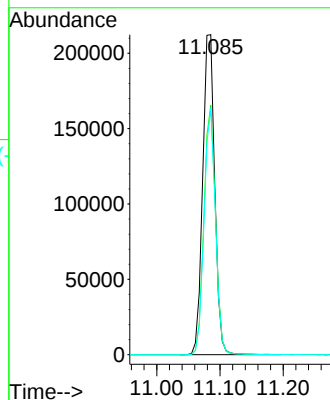
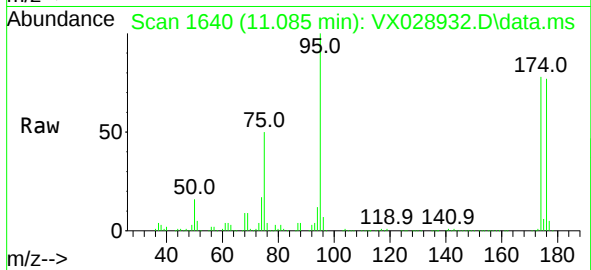




#62
4-Bromofluorobenzene
Concen: 51.513 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

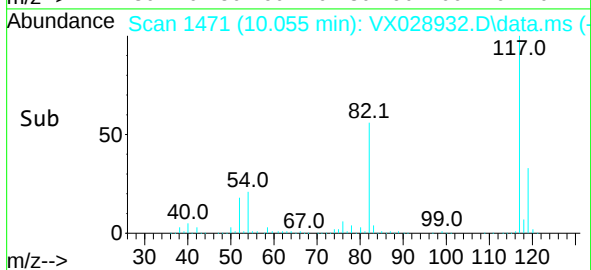
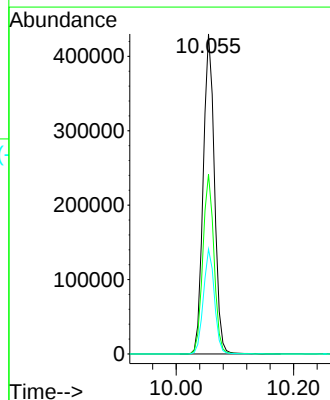
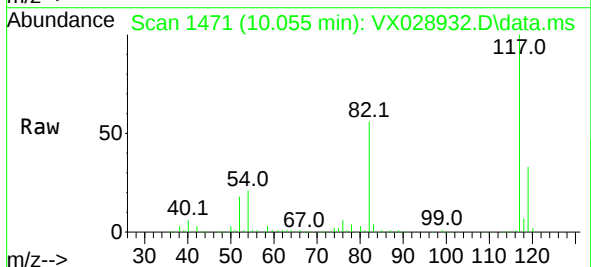
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

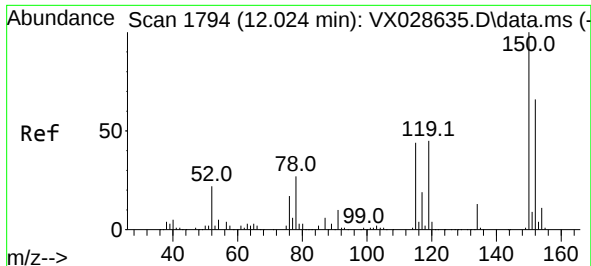
Tgt Ion: 95 Resp: 281912
Ion Ratio Lower Upper
95 100
174 75.3 0.0 163.0
176 72.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

Tgt Ion: 117 Resp: 568474
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 32.7 24.8 37.2

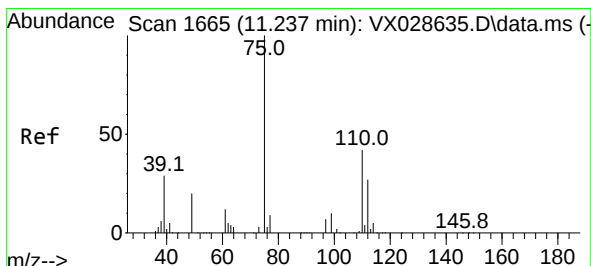
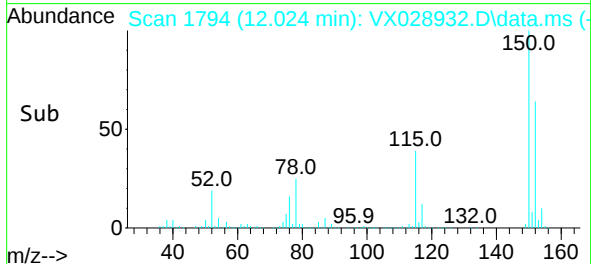
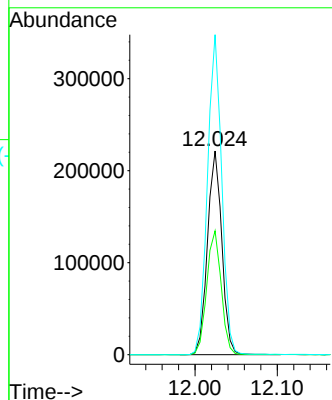
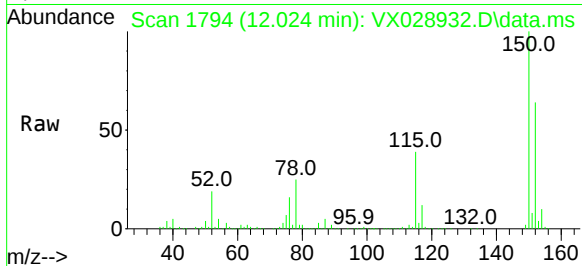




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

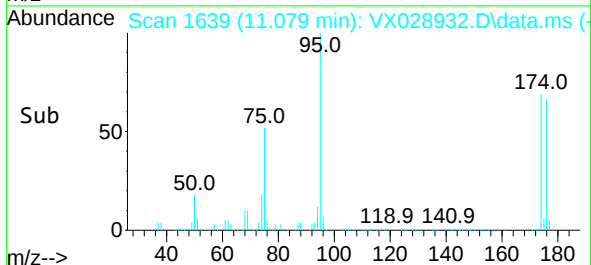
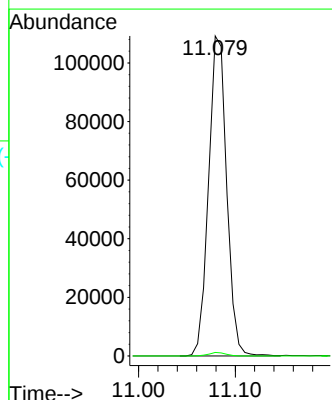
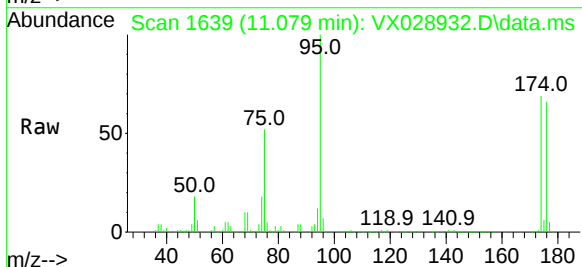
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

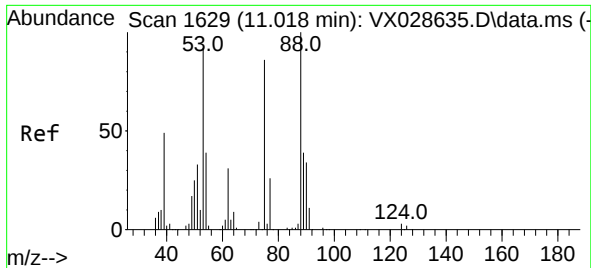
Tgt Ion:152 Resp: 268700
Ion Ratio Lower Upper
152 100
115 61.2 37.5 112.7
150 156.0 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.601 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028932.D
Acq: 24 May 2022 19:25

Tgt Ion: 75 Resp: 142222
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.076 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028932.D
 Acq: 24 May 2022 19:25

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

Tgt Ion: 75 Resp: 142222
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

