

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029745.D
 Acq On : 23 Jun 2022 15:41
 Operator : JC/MD
 Sample : N3317-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 24 05:39:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

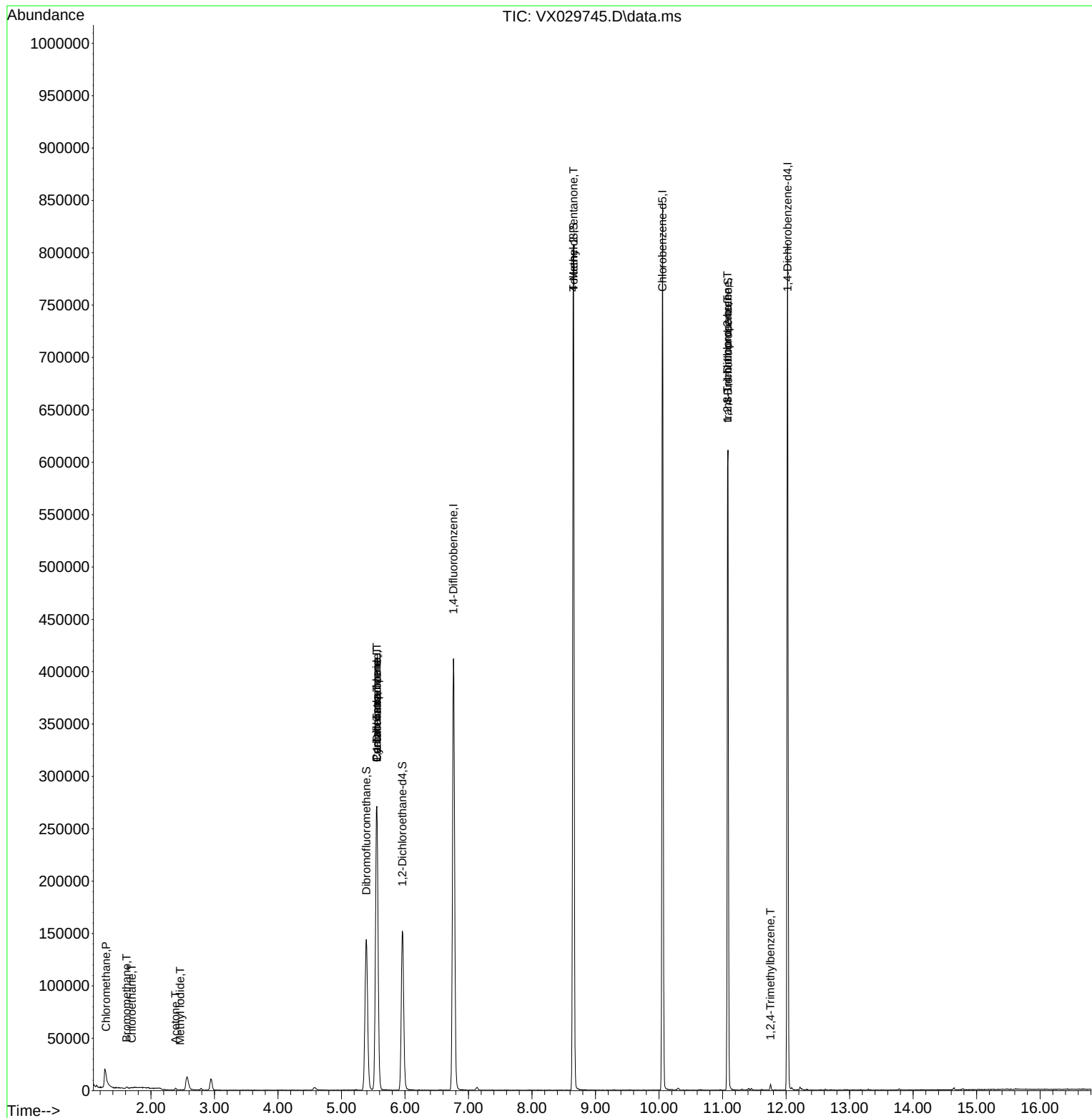
Internal Standards						
1) Pentafluorobenzene	5.556	168	268807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146620	41.205	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.420%
35) Dibromofluoromethane	5.391	113	132362	45.431	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.860%
50) Toluene-d8	8.653	98	500879	47.060	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.120%
62) 4-Bromofluorobenzene	11.085	95	178730	44.529	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.060%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1409	0.402	ug/l	97
5) Bromomethane	1.618	94	395	0.240	ug/l	90
6) Chloroethane	1.697	64	1389	1.828	ug/l #	43
10) Methyl Iodide	2.459	142	346	3.119	ug/l #	89
11) Tert butyl alcohol	2.947	59	6532	Below Cal	#	74
16) Acetone	2.386	43	2146	1.513	ug/l #	82
31) Cyclohexane	5.556	56	4345	0.910	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19284	4.890	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26469	6.826	ug/l #	16
44) Trichloroethene	7.135	130	1231	Below Cal		93
51) 4-Methyl-2-Pentanone	8.653	43	1797	0.444	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	84556	22.864	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	84556	76.061	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	2653	0.248	ug/l	99

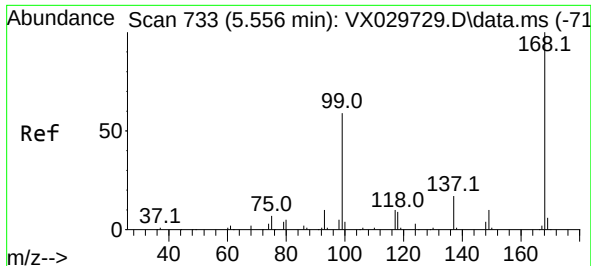
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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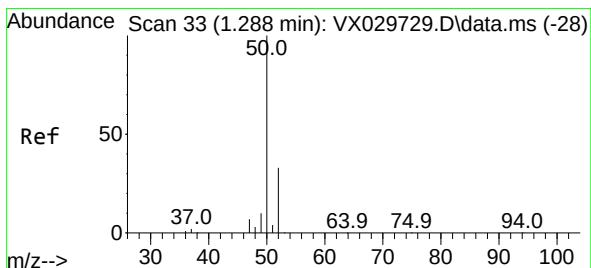
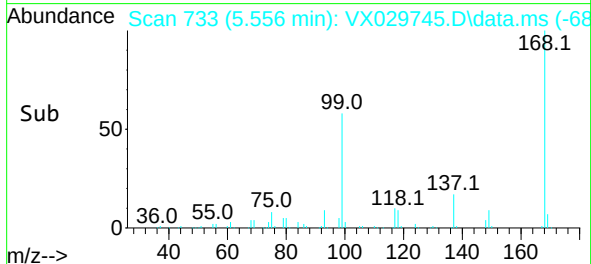
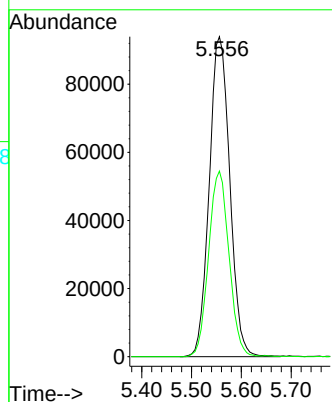
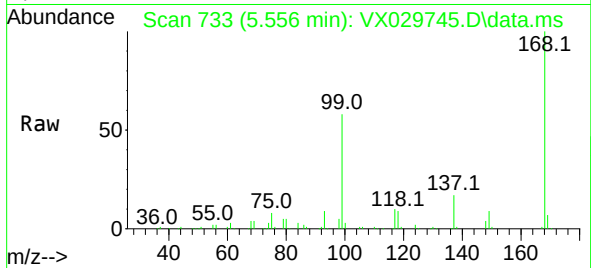




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

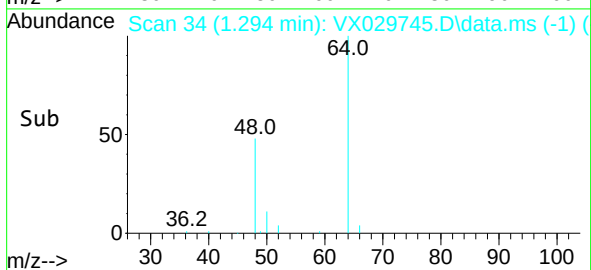
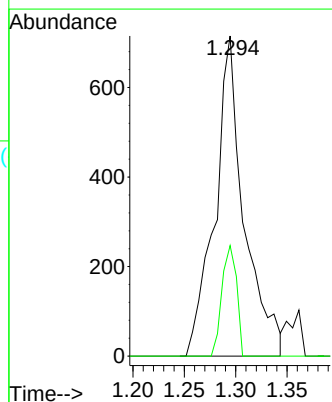
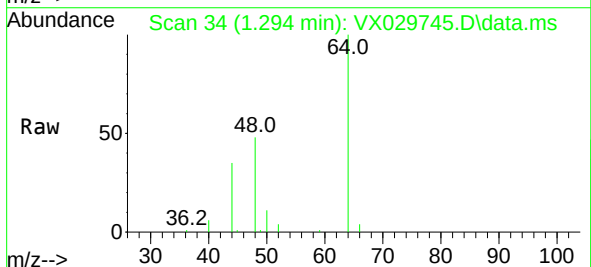
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

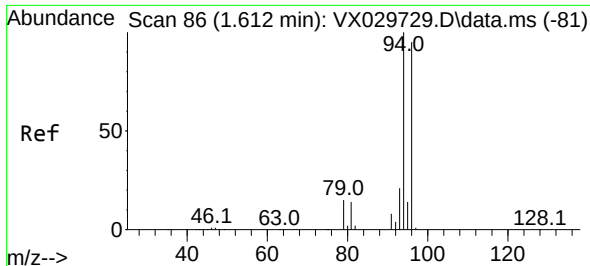
Tgt Ion:168 Resp: 268807
Ion Ratio Lower Upper
168 100
99 58.0 41.7 62.5



#3
Chloromethane
Concen: 0.402 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

Tgt Ion: 50 Resp: 1409
Ion Ratio Lower Upper
50 100
52 34.5 26.4 39.6

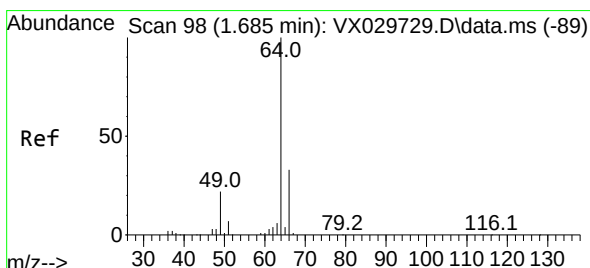
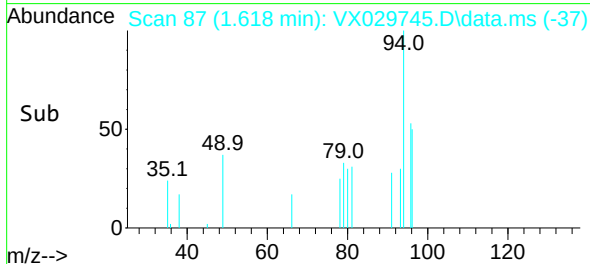
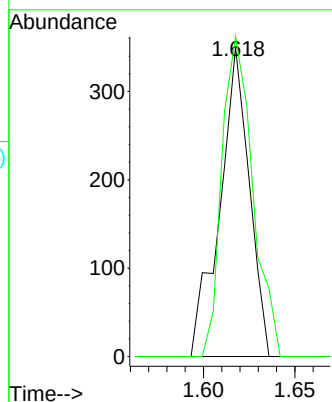
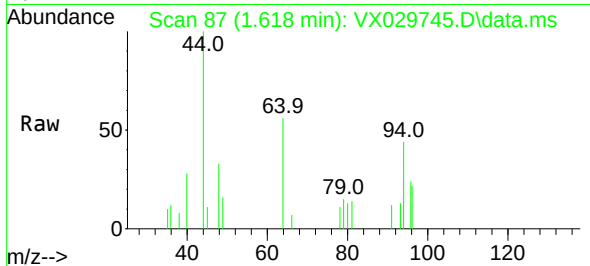




#5
Bromomethane
Concen: 0.240 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

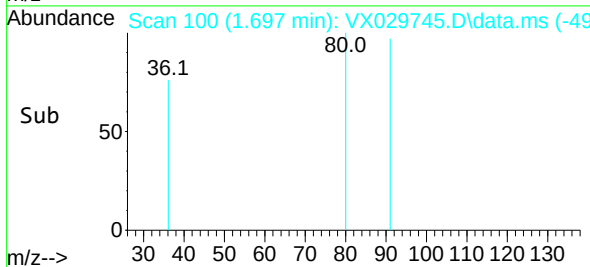
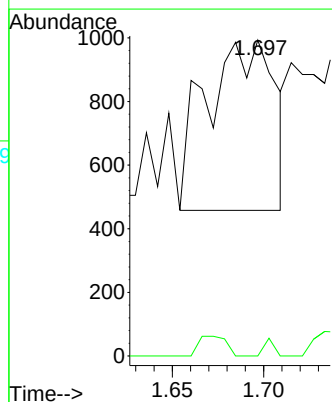
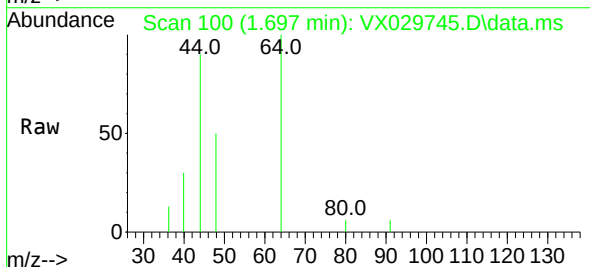
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

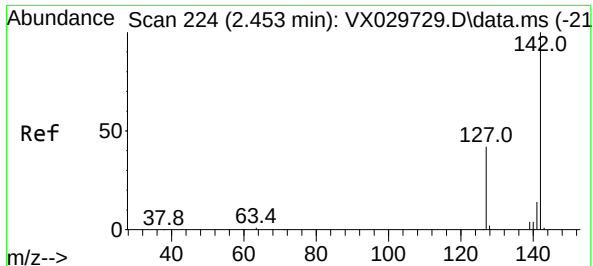
Tgt Ion: 94 Resp: 395
Ion Ratio Lower Upper
94 100
96 103.4 75.3 112.9



#6
Chloroethane
Concen: 1.828 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

Tgt Ion: 64 Resp: 1389
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

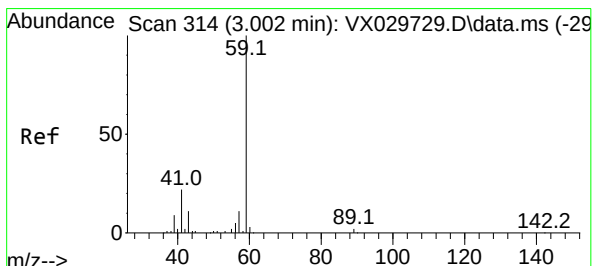
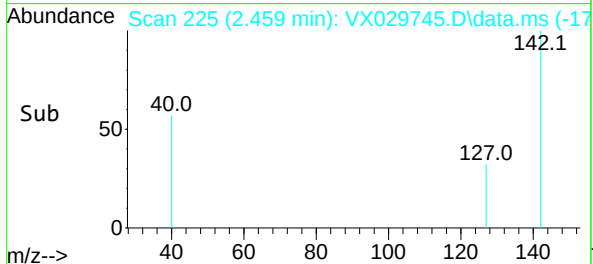
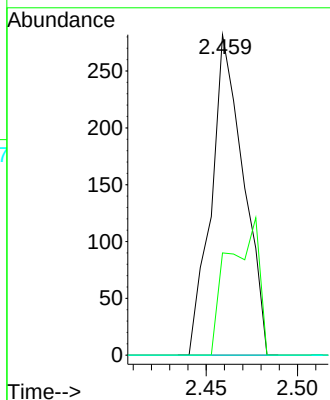
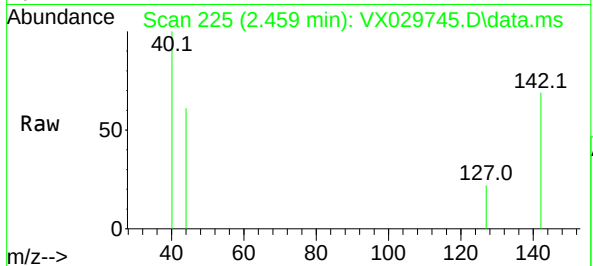




#10
Methyl Iodide
Concen: 3.119 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

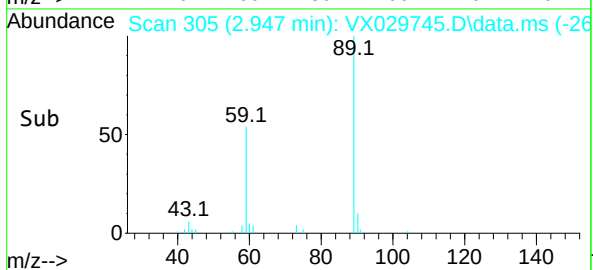
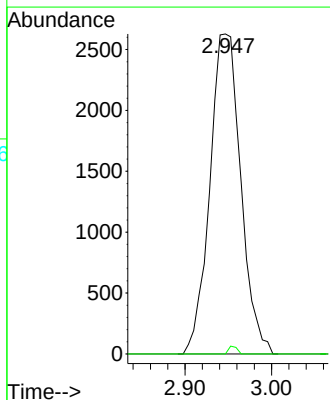
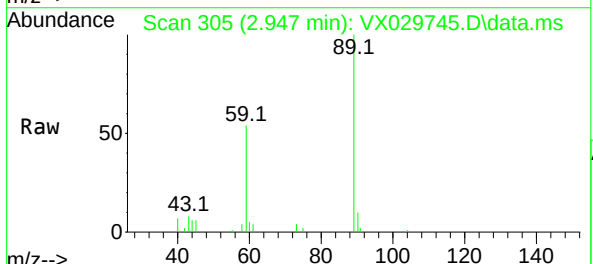
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

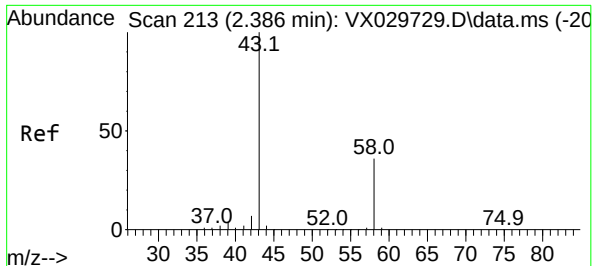
Tgt Ion:142 Resp: 346
Ion Ratio Lower Upper
142 100
127 40.5 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

Tgt Ion: 59 Resp: 6532
Ion Ratio Lower Upper
59 100
57 0.7 8.3 12.5#

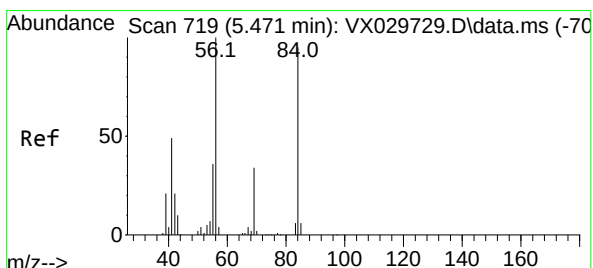
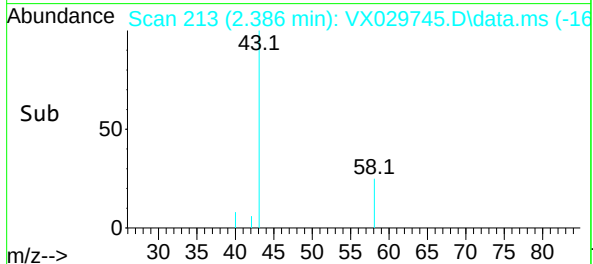
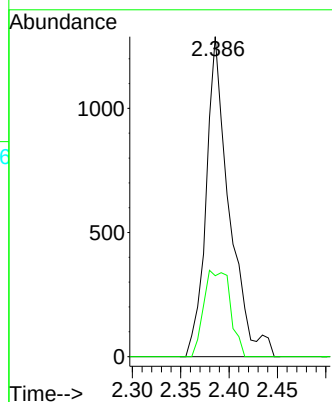
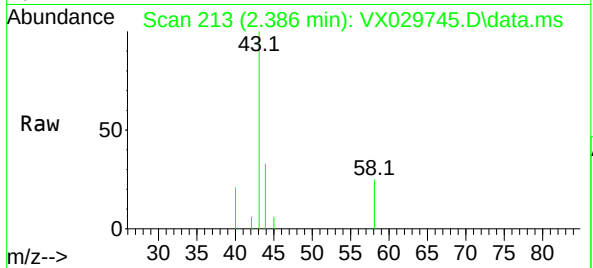




#16
Acetone
Concen: 1.513 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

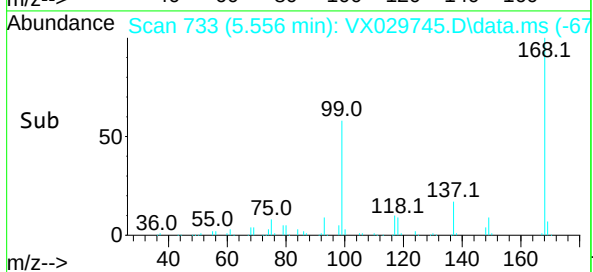
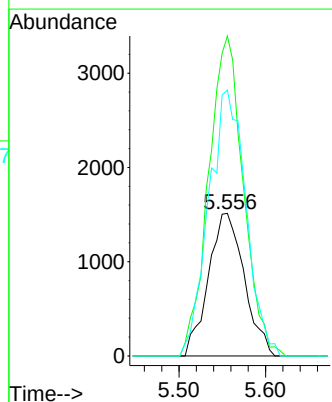
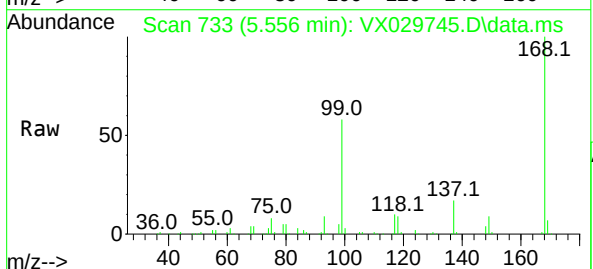
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

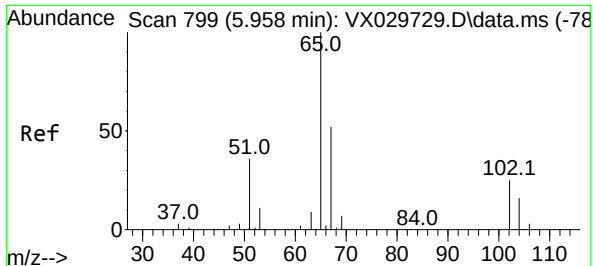
Tgt Ion: 43 Resp: 2146
Ion Ratio Lower Upper
43 100
58 25.3 28.8 43.2#



#31
Cyclohexane
Concen: 0.910 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

Tgt Ion: 56 Resp: 4345
Ion Ratio Lower Upper
56 100
69 224.5 26.7 40.1#
84 186.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 41.205 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029745.D

Acq: 23 Jun 2022 15:41

Instrument :

MSVOA_X

ClientSampleId :

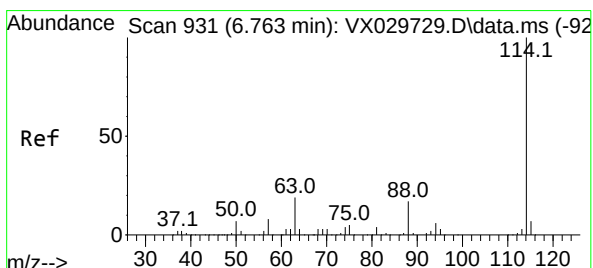
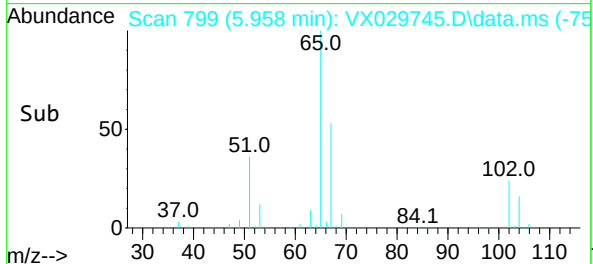
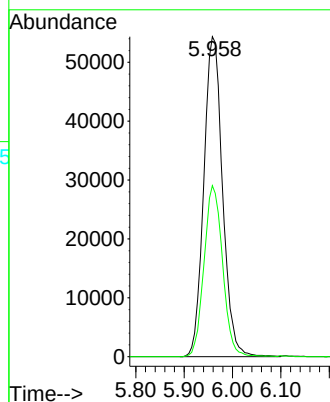
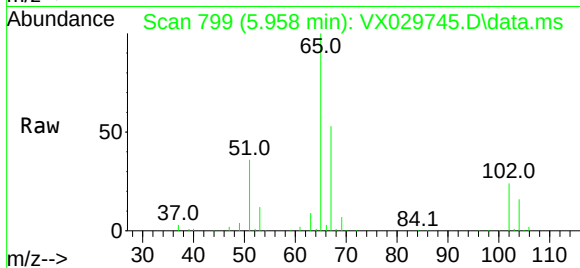
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 146620

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029745.D

Acq: 23 Jun 2022 15:41

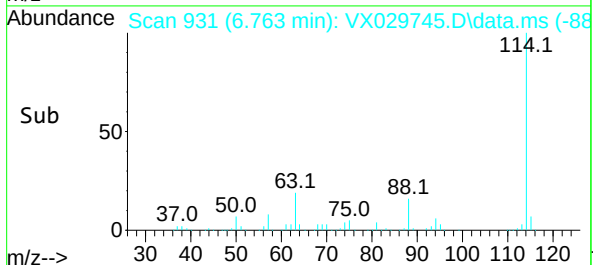
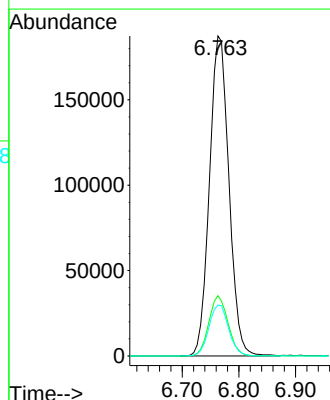
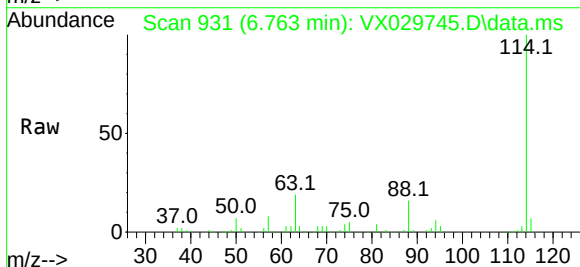
Tgt Ion: 114 Resp: 447066

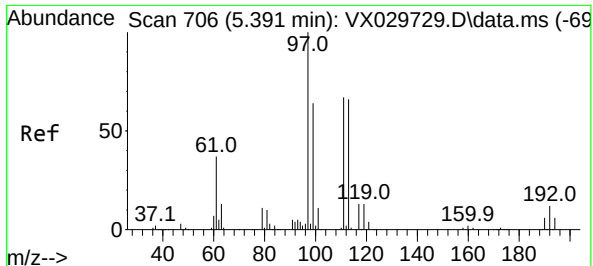
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 15.9 0.0 32.4

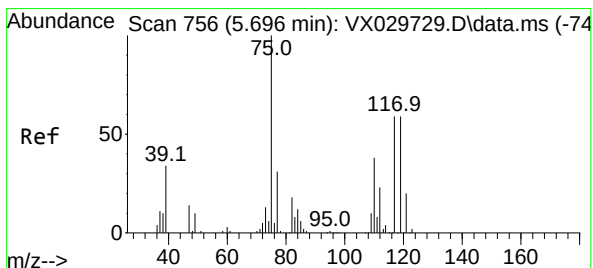
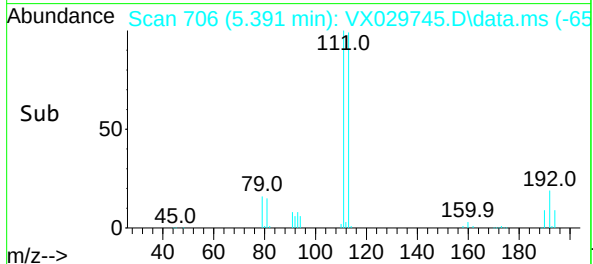
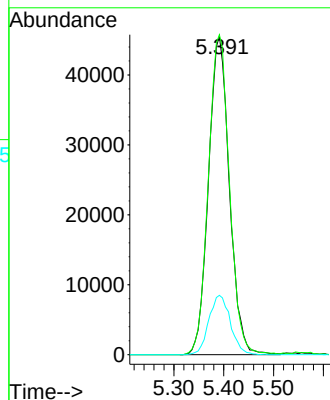
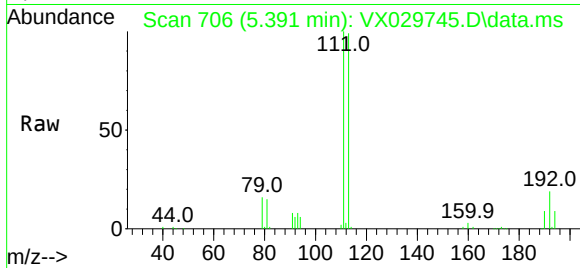




#35
Dibromofluoromethane
Concen: 45.431 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

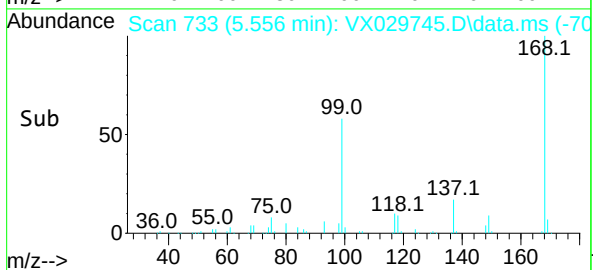
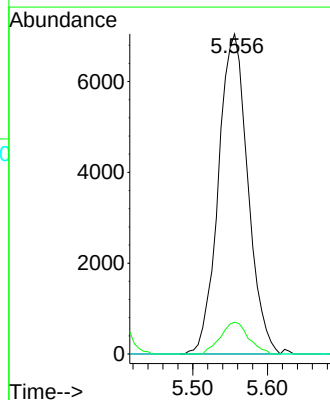
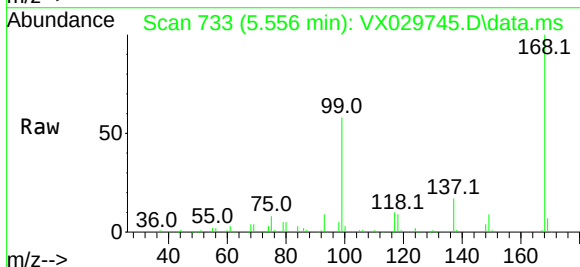
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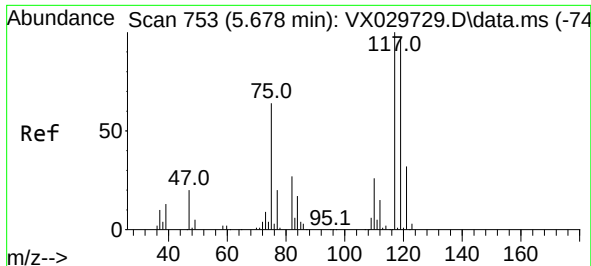
Tgt Ion:113 Resp: 132362
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

Tgt Ion: 75 Resp: 19284
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#

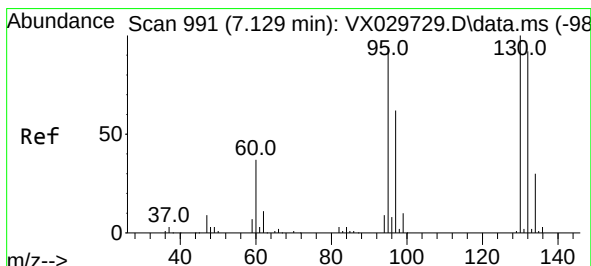
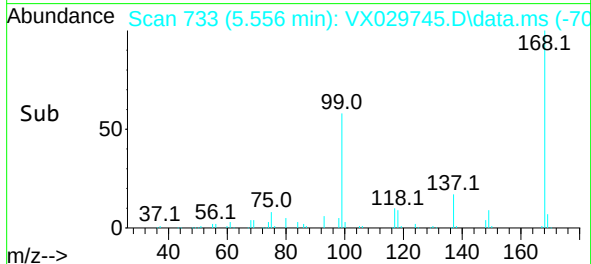
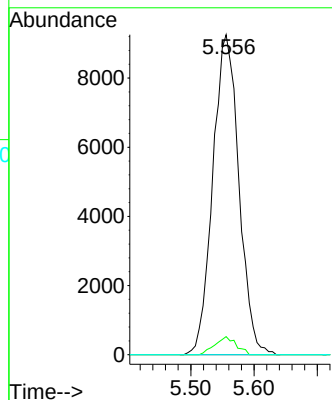
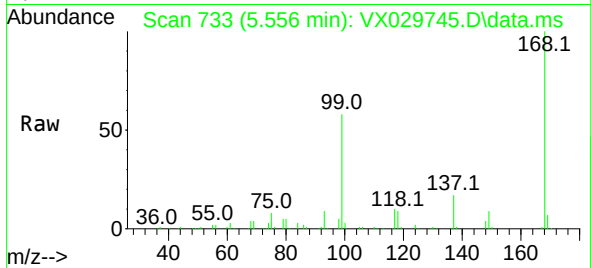




#38
Carbon Tetrachloride
Concen: 6.826 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

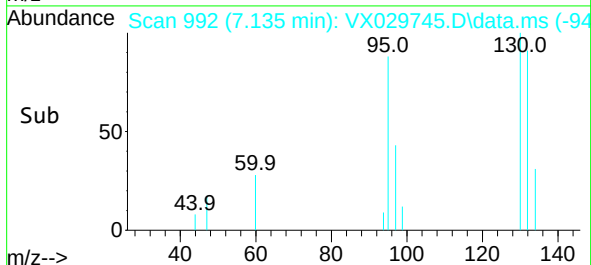
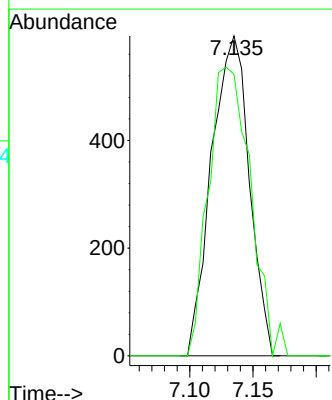
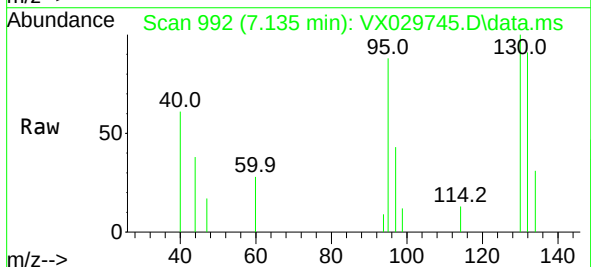
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

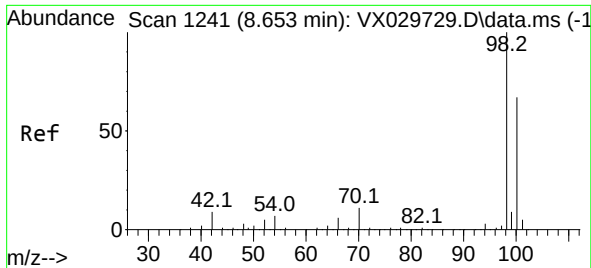
Tgt Ion:117 Resp: 26469
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

Tgt Ion:130 Resp: 1231
Ion Ratio Lower Upper
130 100
95 88.0 0.0 188.8

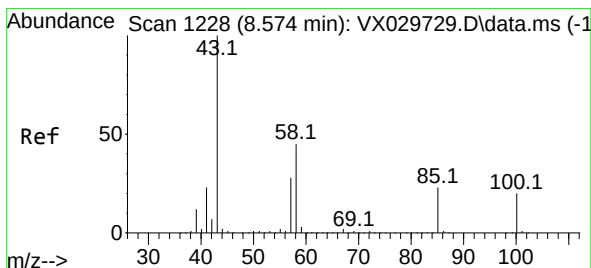
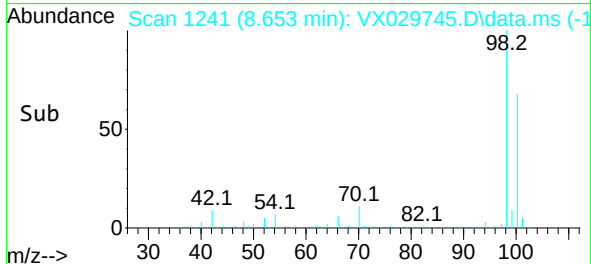
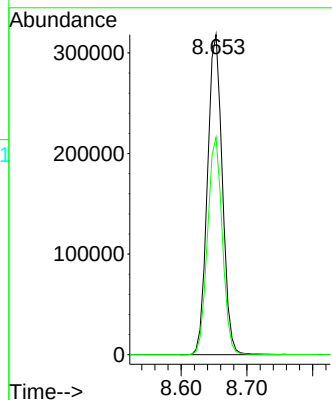
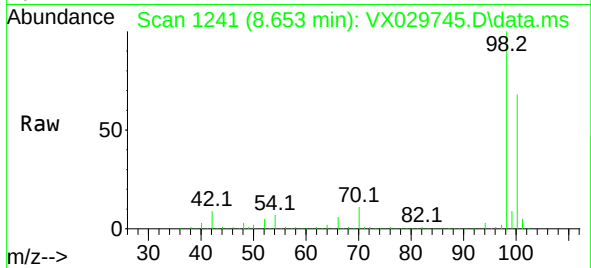




#50
Toluene-d8
Concen: 47.060 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

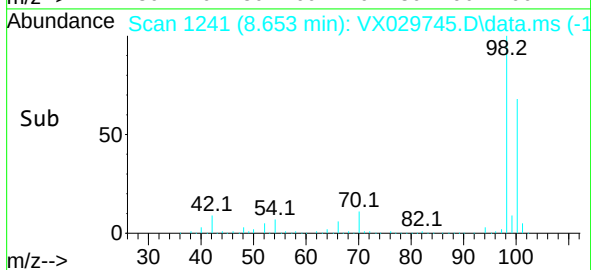
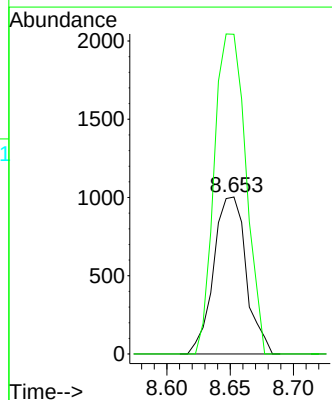
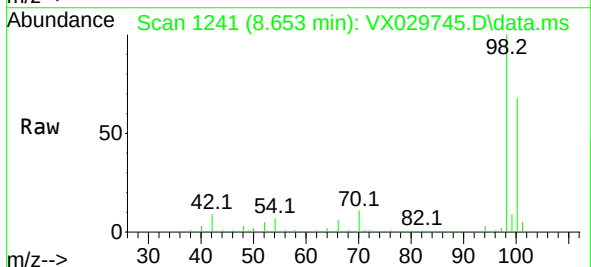
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

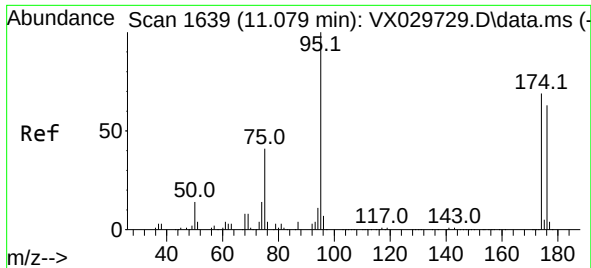
Tgt Ion: 98 Resp: 500879
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.444 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

Tgt Ion: 43 Resp: 1797
Ion Ratio Lower Upper
43 100
58 197.4 36.1 54.1#

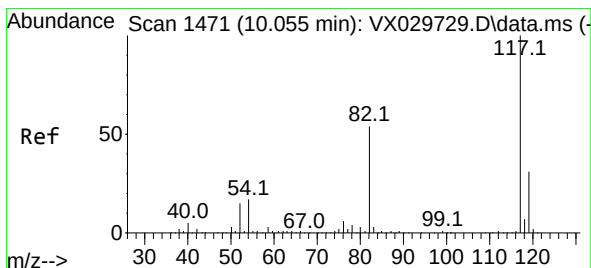
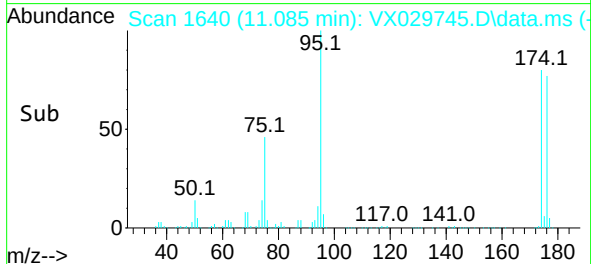
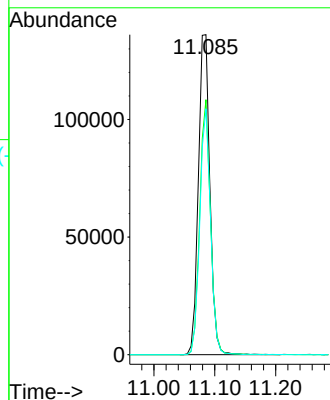
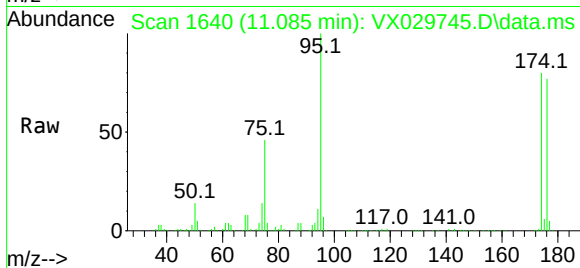




#62
4-Bromofluorobenzene
Concen: 44.529 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

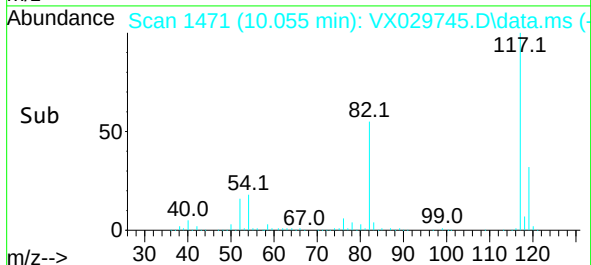
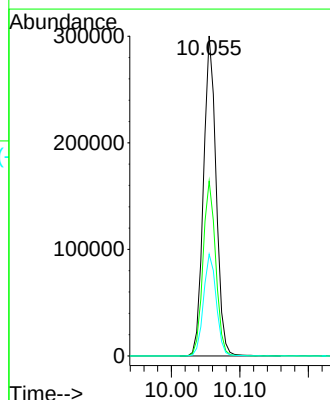
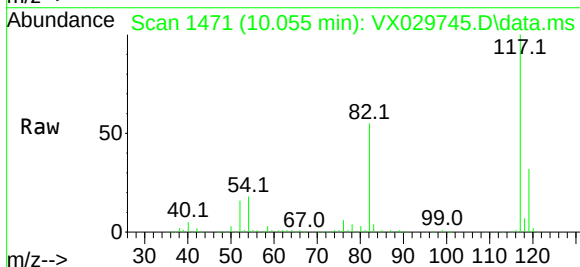
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

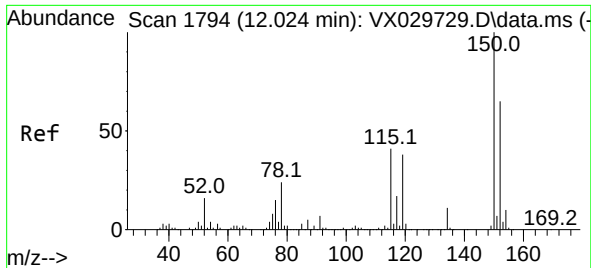
Tgt Ion: 95 Resp: 178730
Ion Ratio Lower Upper
95 100
174 74.8 0.0 163.0
176 72.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

Tgt Ion: 117 Resp: 386933
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.8
119 31.8 24.8 37.2

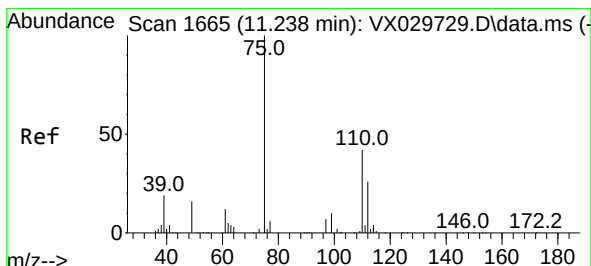
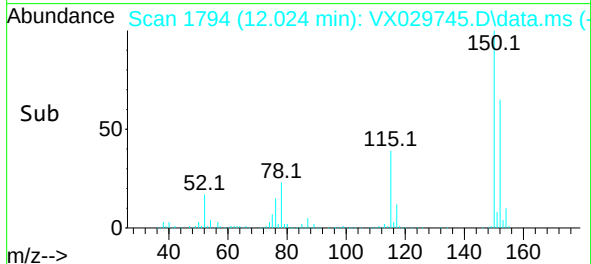
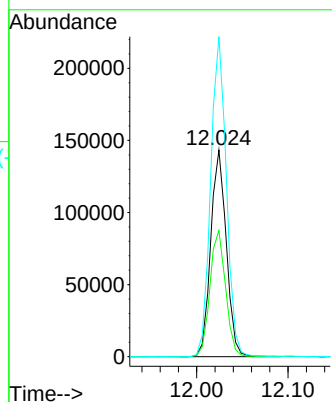
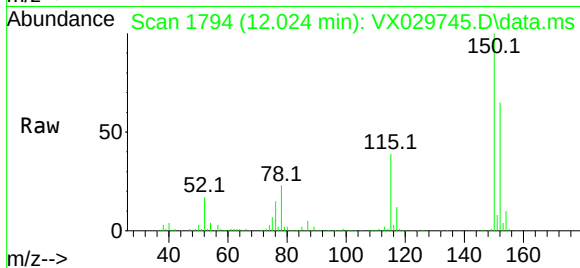




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

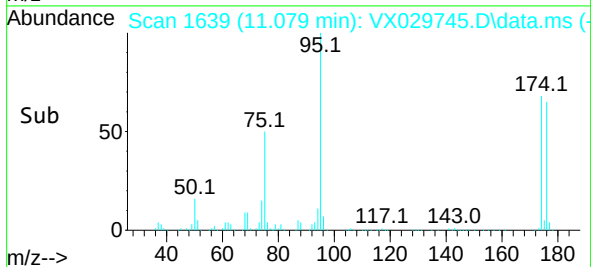
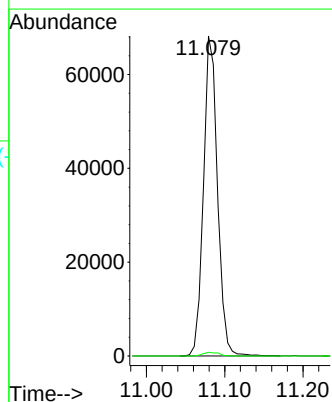
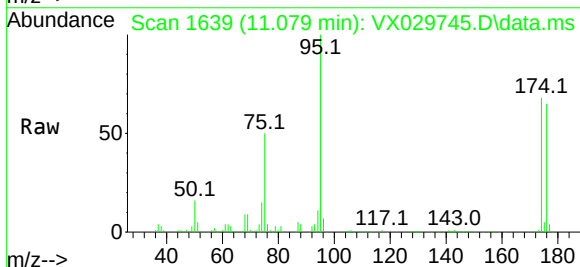
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

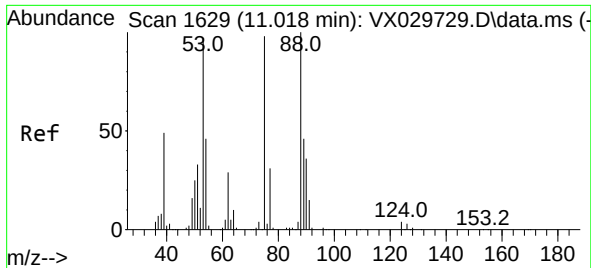
Tgt Ion:152 Resp: 169763
Ion Ratio Lower Upper
152 100
115 61.7 37.5 112.7
150 156.0 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.864 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

Tgt Ion: 75 Resp: 84556
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#

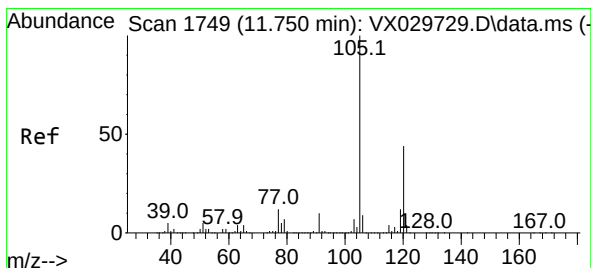
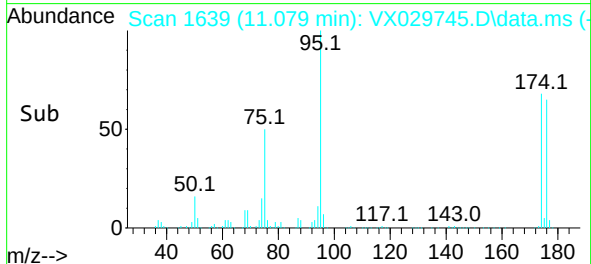
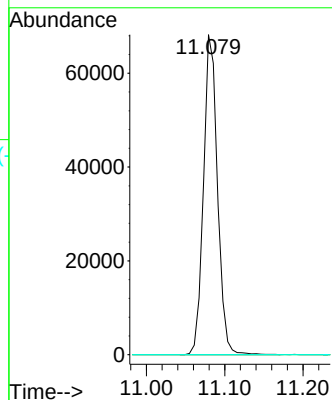
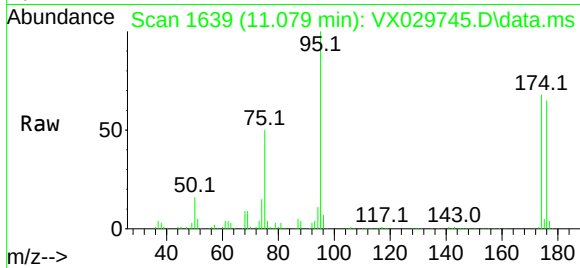




#81
trans-1,4-Dichloro-2-butene
Concen: 76.061 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

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

Tgt Ion: 75 Resp: 84556
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.248 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029745.D
Acq: 23 Jun 2022 15:41

Tgt Ion: 105 Resp: 2653
Ion Ratio Lower Upper
105 100
120 45.9 22.6 67.8

