

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030773.D
 Acq On : 25 Aug 2022 15:34
 Operator : JC/MD
 Sample : N4266-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 26 02:40:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	242002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	412411	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153674	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140660	49.414	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.820%
35) Dibromofluoromethane	5.397	113	122024	48.143	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.280%
50) Toluene-d8	8.653	98	459354	52.009	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.020%
62) 4-Bromofluorobenzene	11.085	95	154814	47.081	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.160%

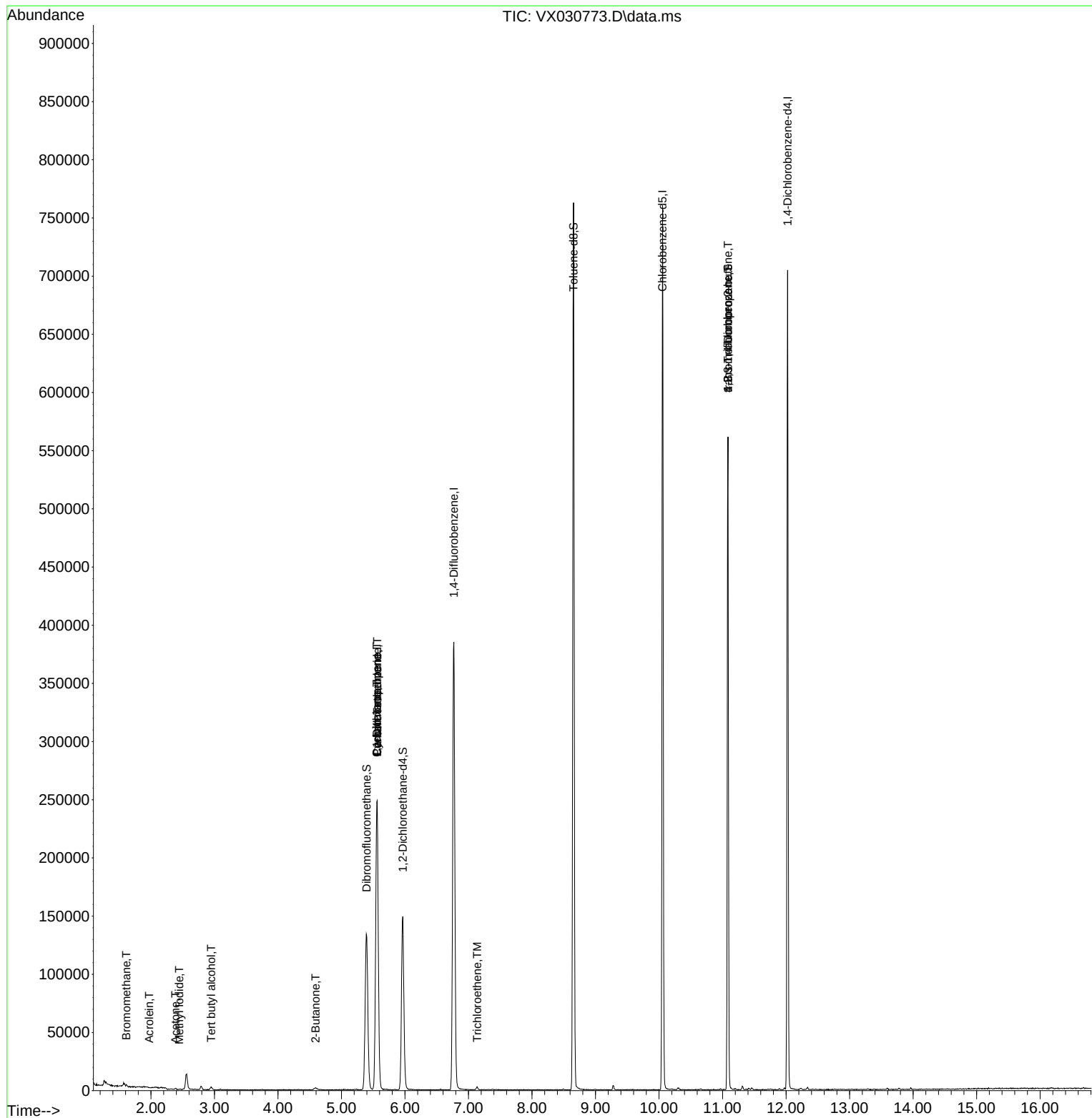
Target Compounds				Qvalue		
3) Chloromethane	1.288	50	448	Below Cal		97
4) Vinyl Chloride	1.587	62	58	Below Cal	#	63
5) Bromomethane	1.612	94	552	0.490	ug/l #	77
6) Chloroethane	1.672	64	84	Below Cal	#	41
10) Methyl Iodide	2.447	142	496	4.261	ug/l #	69
11) Tert butyl alcohol	2.947	59	1413	2.287	ug/l #	74
13) Acrolein	1.971	56	48	10.137	ug/l #	14
16) Acetone	2.386	43	1264	0.961	ug/l #	73
17) Carbon Disulfide	2.508	76	1158	Below Cal		98
20) Methylene Chloride	2.788	84	1308	Below Cal		95
25) 2-Butanone	4.593	43	516	0.244	ug/l	95
31) Cyclohexane	5.556	56	4594	1.262	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18476	5.353	ug/l #	48
38) Carbon Tetrachloride	5.562	117	23631	6.491	ug/l #	20
44) Trichloroethene	7.135	130	779	0.261	ug/l	33
76) 1,2,3-Trichloropropane	11.085	75	73846	21.934	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	73846	70.767	ug/l #	13

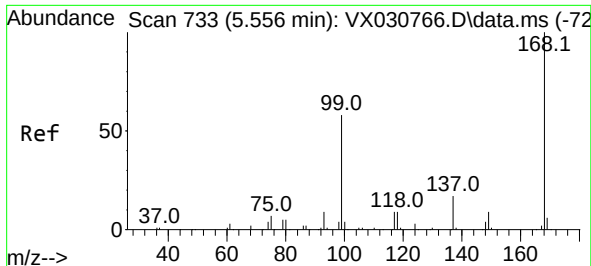
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
Data File : VX030773.D
Acq On : 25 Aug 2022 15:34
Operator : JC/MD
Sample : N4266-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 26 02:40:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

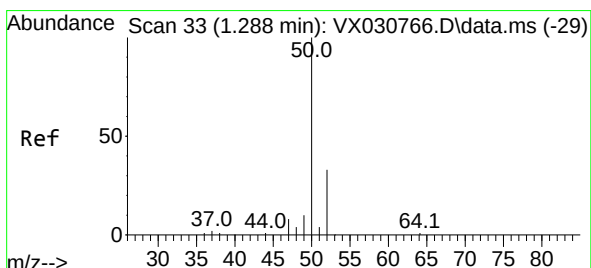
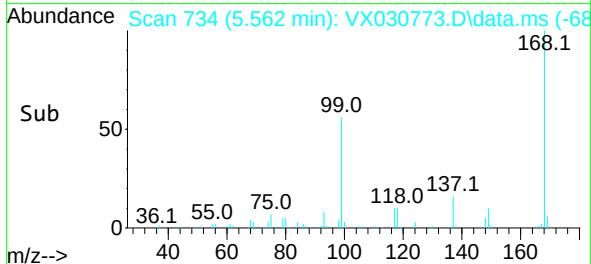
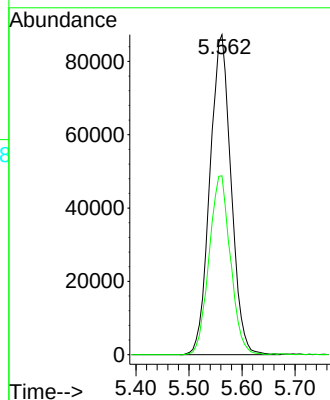
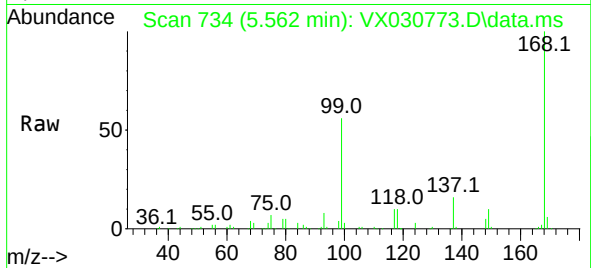




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

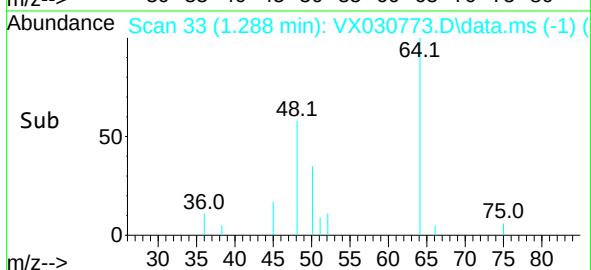
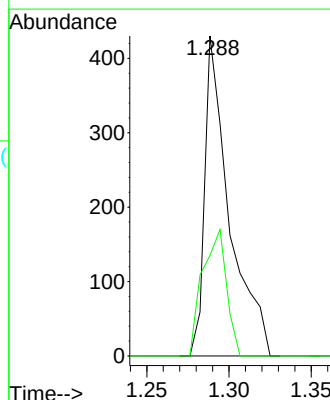
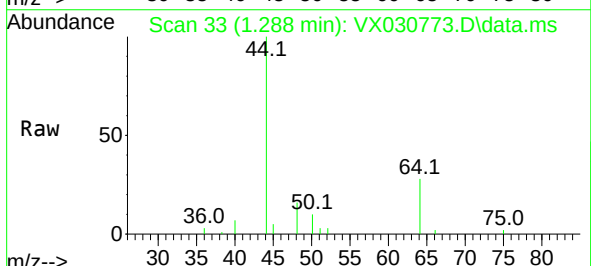
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

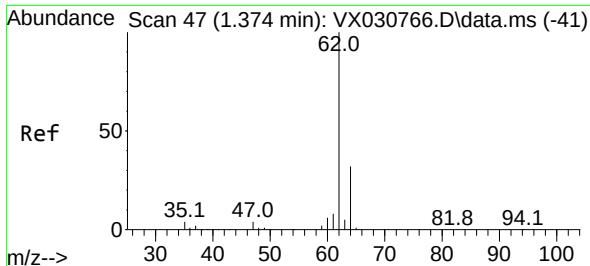
Tgt Ion:168 Resp: 242002
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

Tgt Ion: 50 Resp: 448
Ion Ratio Lower Upper
50 100
52 31.4 26.3 39.5

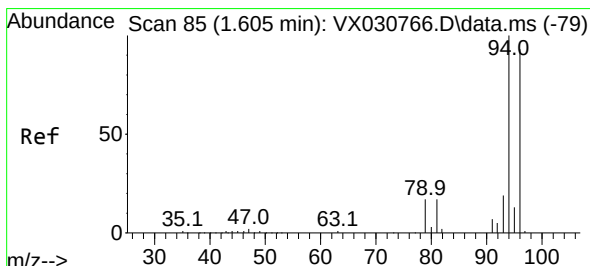
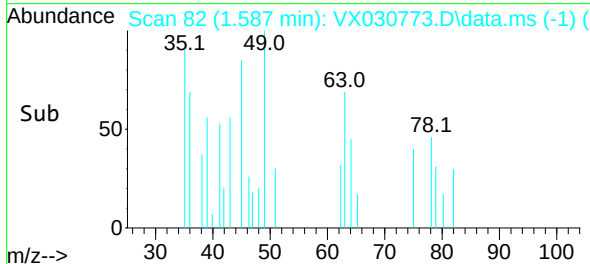
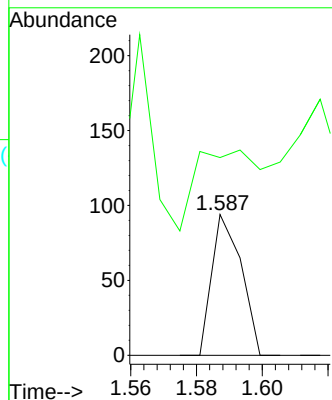
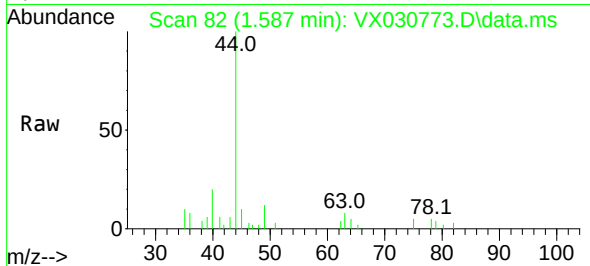




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.587 min Scan# 81
 Delta R.T. 0.213 min
 Lab File: VX030773.D
 Acq: 25 Aug 2022 15:34

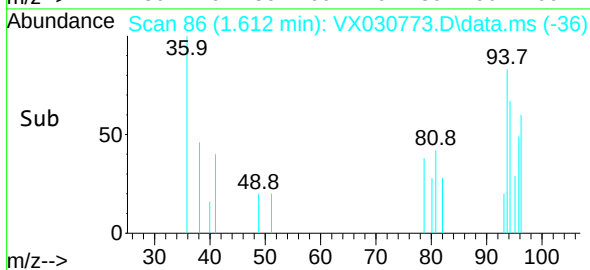
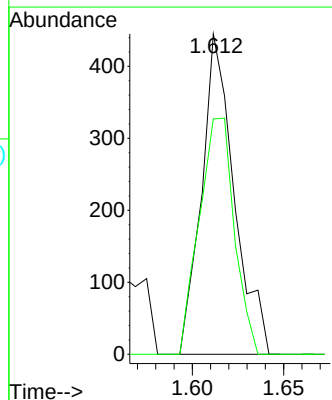
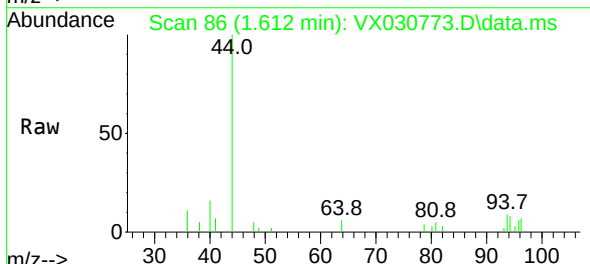
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

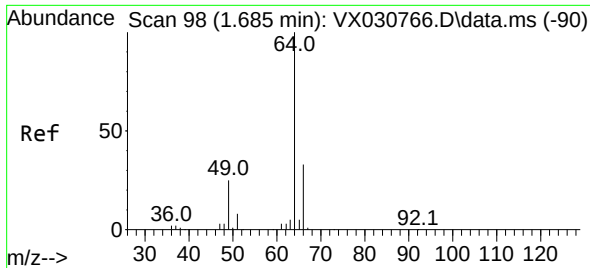
Tgt Ion: 62 Resp: 58
 Ion Ratio Lower Upper
 62 100
 64 52.1 25.2 37.8#



#5
 Bromomethane
 Concen: 0.490 ug/l
 RT: 1.612 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX030773.D
 Acq: 25 Aug 2022 15:34

Tgt Ion: 94 Resp: 552
 Ion Ratio Lower Upper
 94 100
 96 73.5 76.9 115.3#

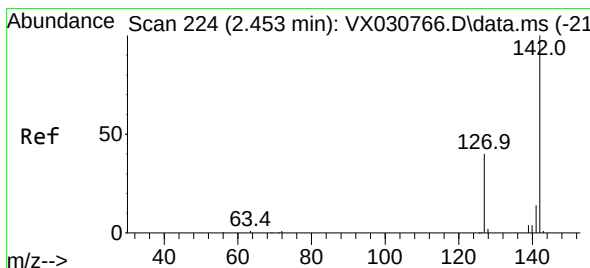
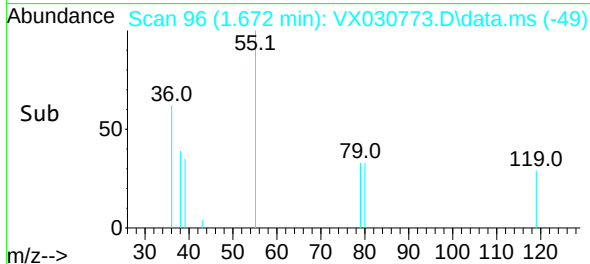
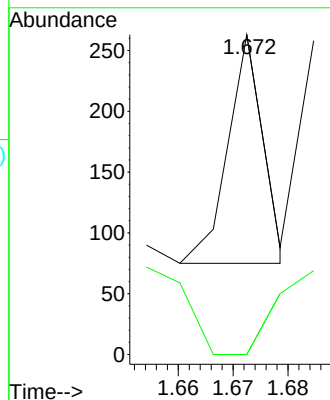
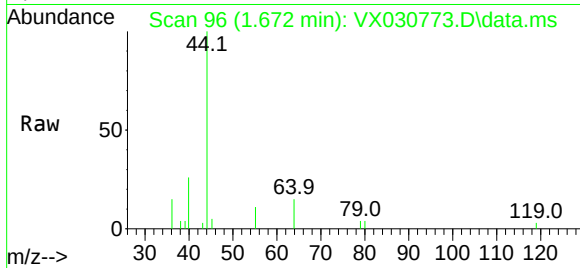




#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. -0.013 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

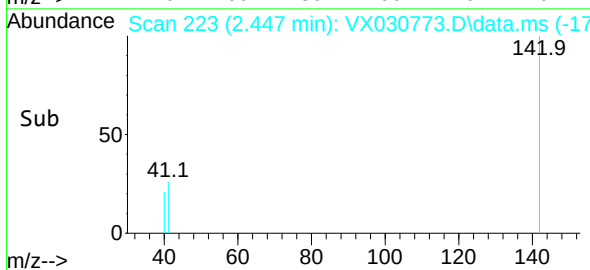
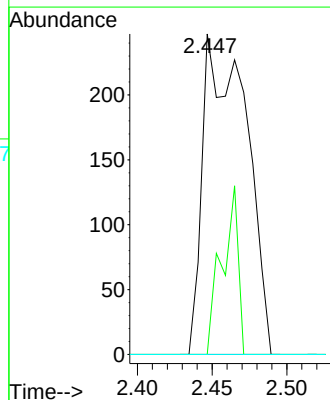
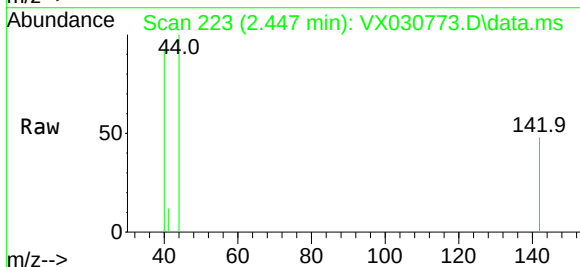
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

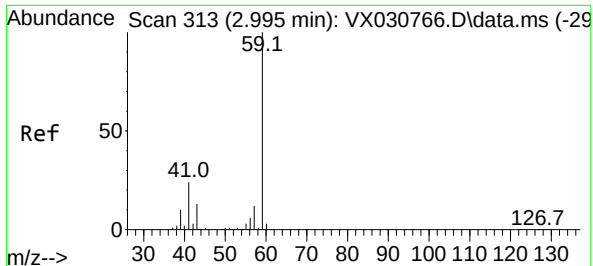
Tgt Ion: 64 Resp: 84
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.261 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

Tgt Ion: 142 Resp: 496
Ion Ratio Lower Upper
142 100
127 19.8 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 2.287 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX030773.D

Acq: 25 Aug 2022 15:34

Instrument :

MSVOA_X

ClientSampleId :

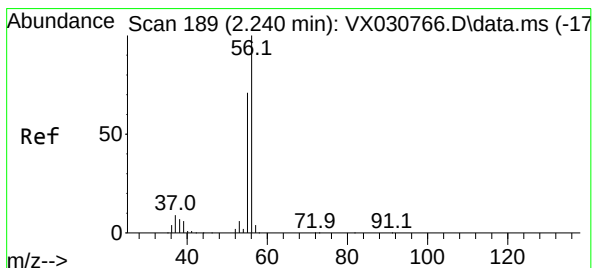
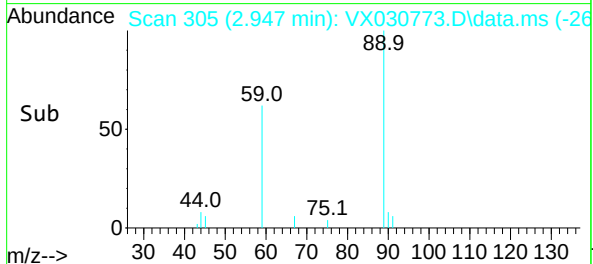
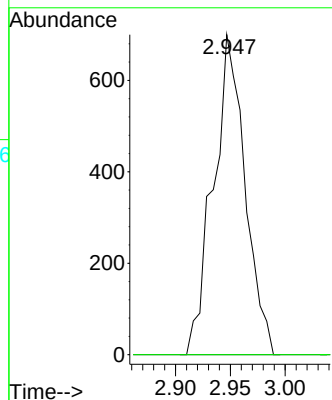
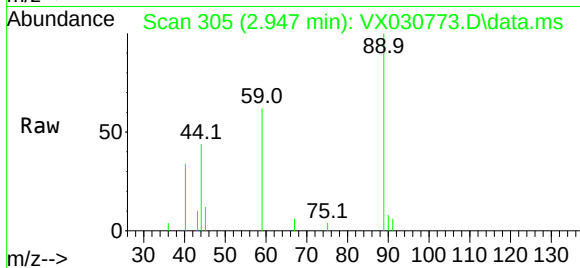
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 59 Resp: 1413

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 10.137 ug/l

RT: 1.971 min Scan# 145

Delta R.T. -0.269 min

Lab File: VX030773.D

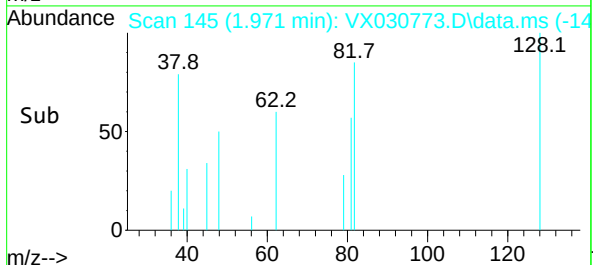
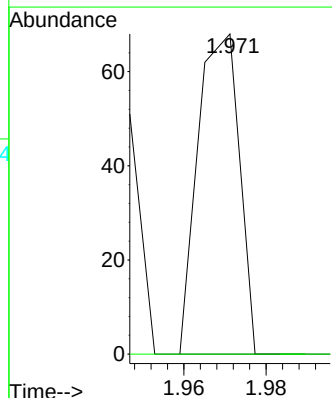
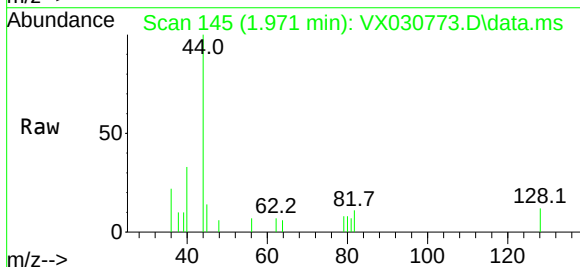
Acq: 25 Aug 2022 15:34

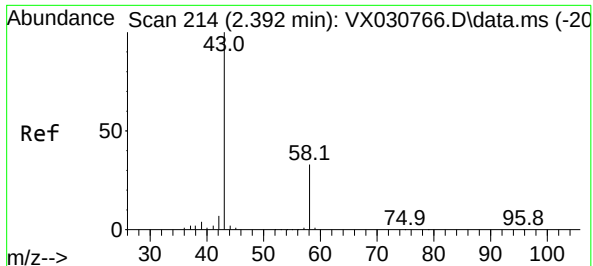
Tgt Ion: 56 Resp: 48

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#

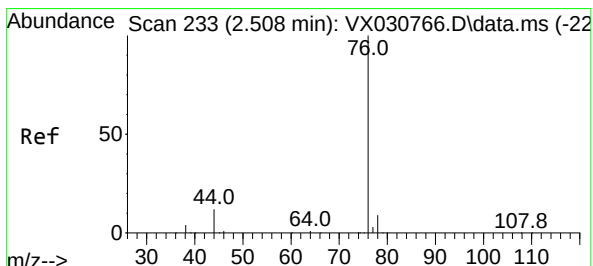
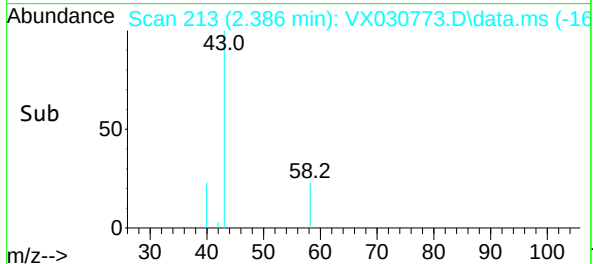
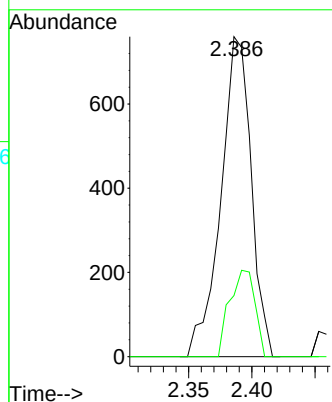
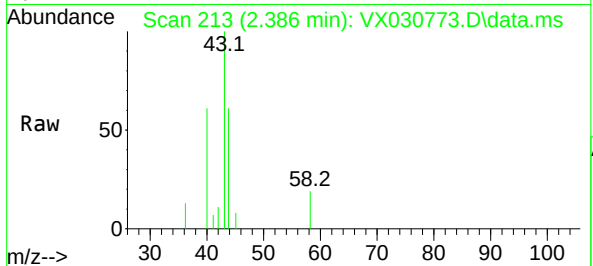




#16
Acetone
Concen: 0.961 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

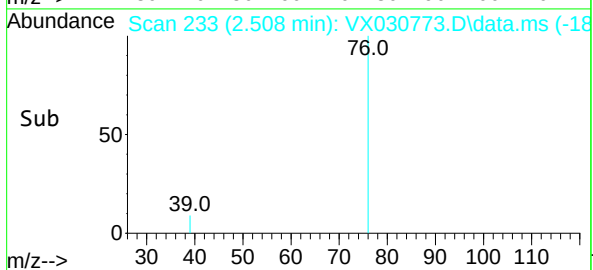
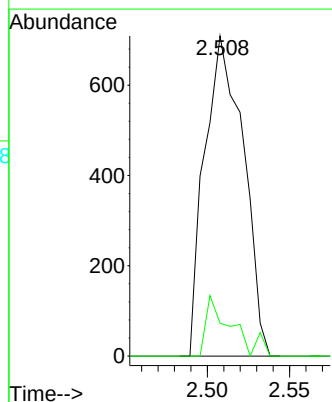
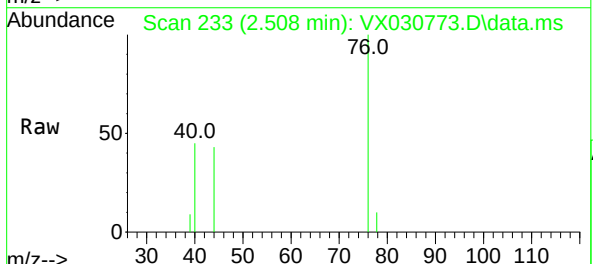
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

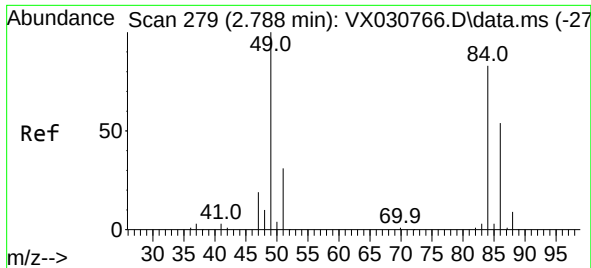
Tgt Ion: 43 Resp: 1264
Ion Ratio Lower Upper
43 100
58 19.1 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

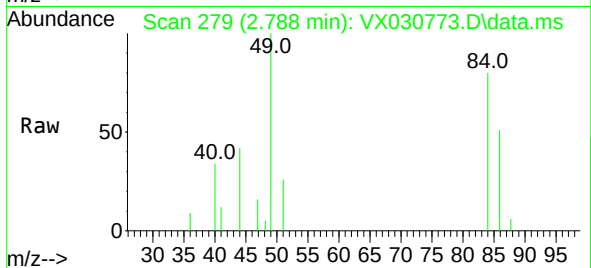
Tgt Ion: 76 Resp: 1158
Ion Ratio Lower Upper
76 100
78 10.3 7.8 11.6



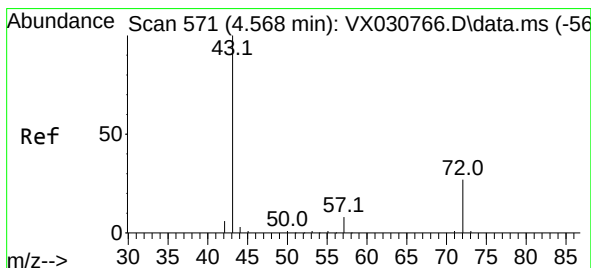
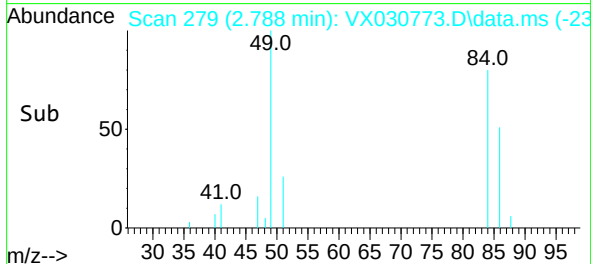
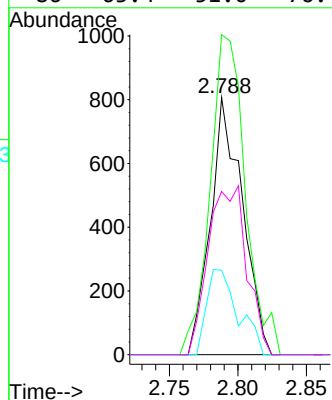


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

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

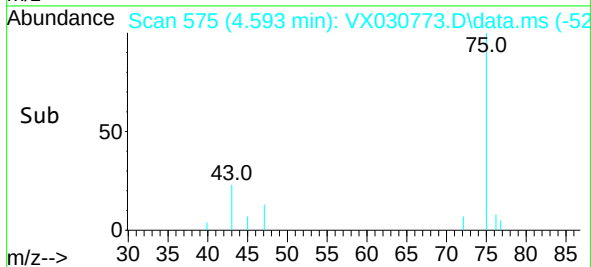
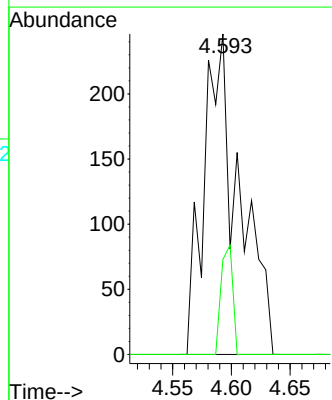
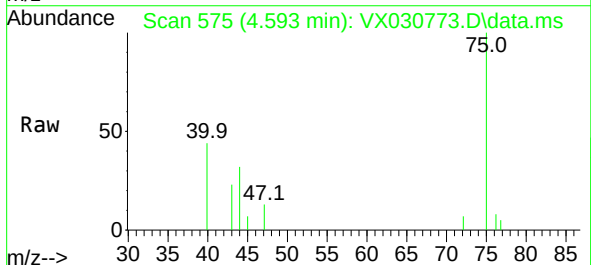


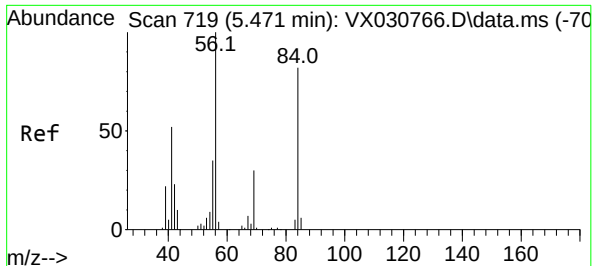
Tgt Ion: 84	Resp: 1308
Ion Ratio	Lower Upper
84 100	
49 124.4	93.8 140.6
51 32.8	29.4 44.0
86 63.4	51.0 76.4



#25
2-Butanone
Concen: 0.244 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

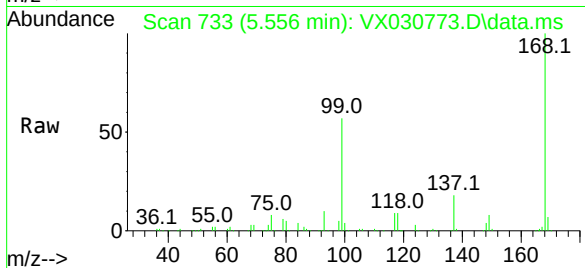
Tgt Ion: 43	Resp: 516		
Ion Ratio	Lower	Upper	
43 100			
72 29.7	21.7	32.5	



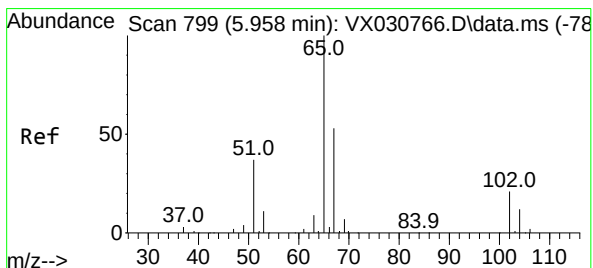
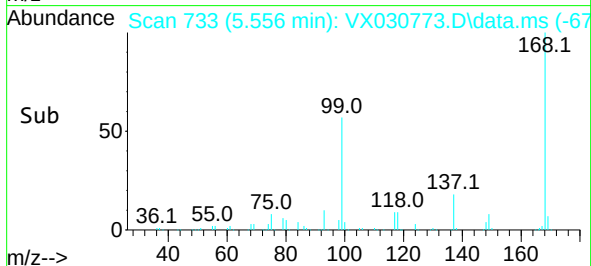
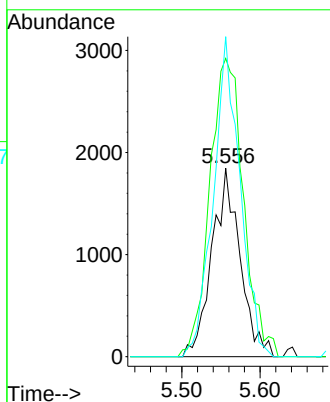


#31
Cyclohexane
Concen: 1.262 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

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

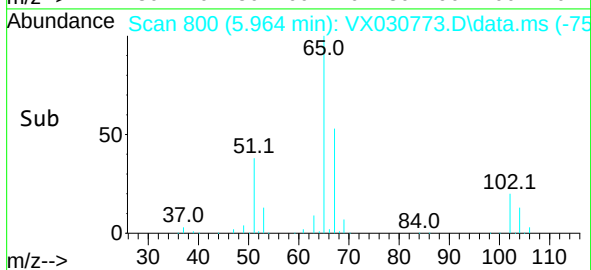
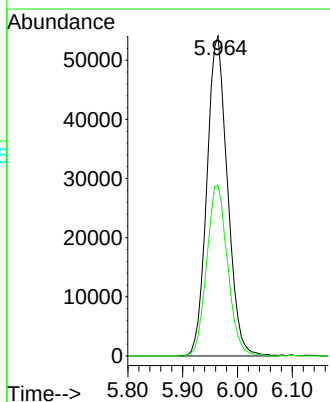
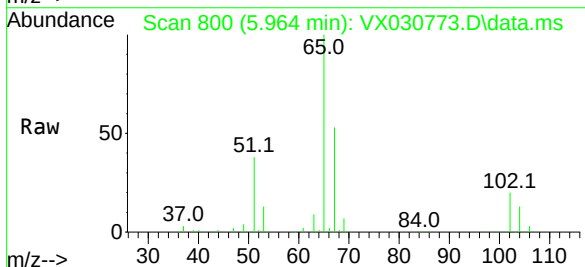


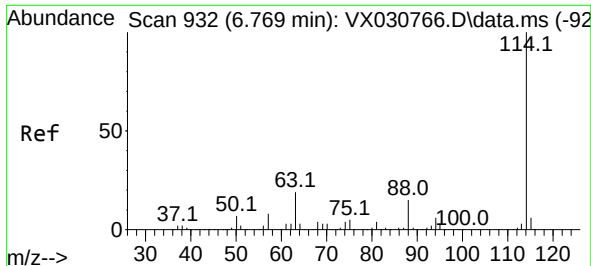
Tgt Ion: 56 Resp: 4594
Ion Ratio Lower Upper
56 100
69 158.2 25.4 38.0#
84 169.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.414 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

Tgt Ion: 65 Resp: 140660
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6

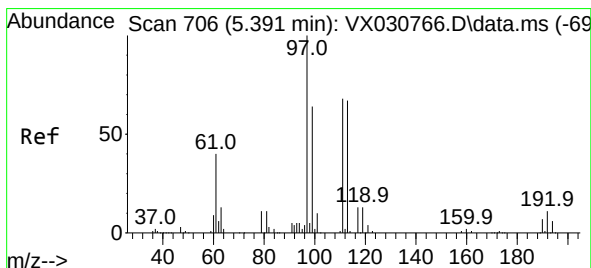
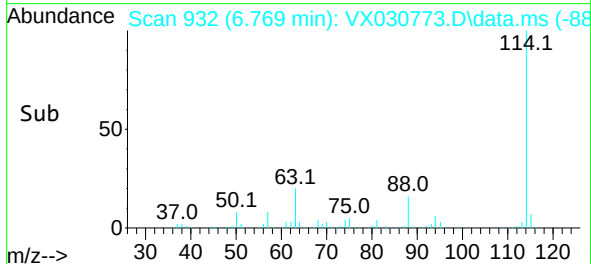
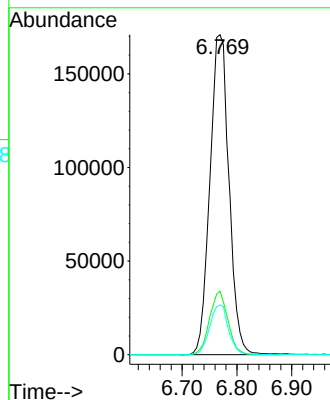
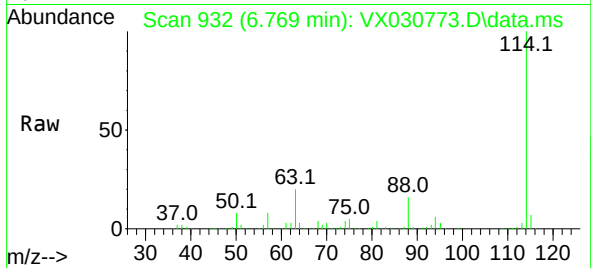




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

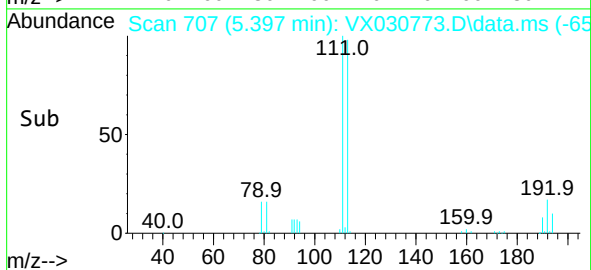
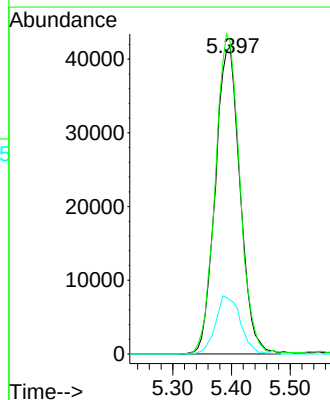
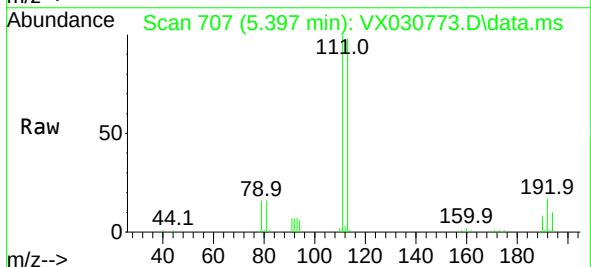
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

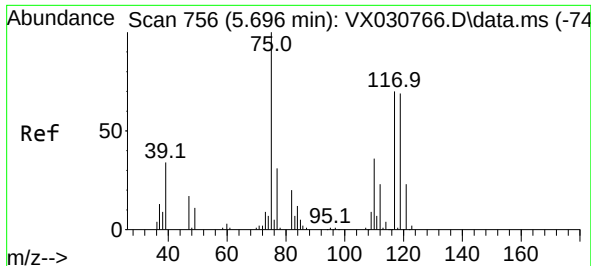
Tgt Ion:114 Resp: 412411
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.143 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

Tgt Ion:113 Resp: 122024
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 19.0 14.8 22.2

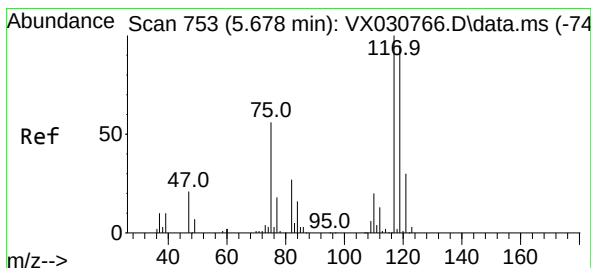
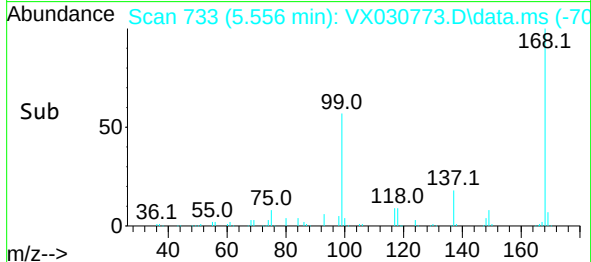
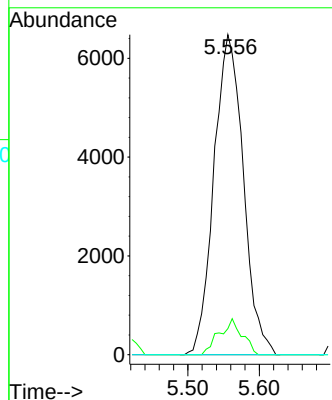
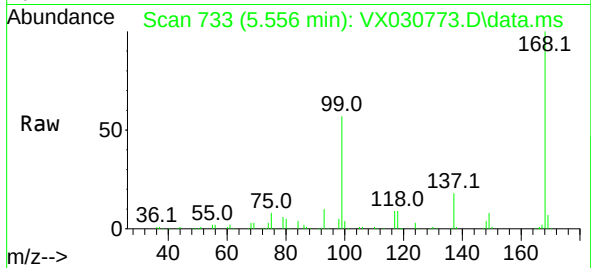




#36
1,1-Dichloropropene
Concen: 5.353 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

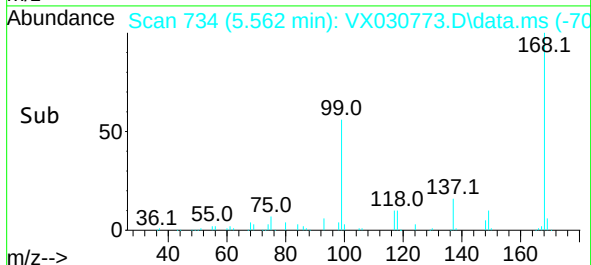
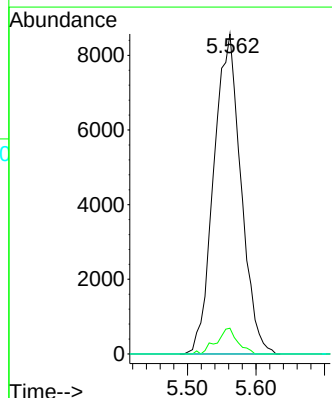
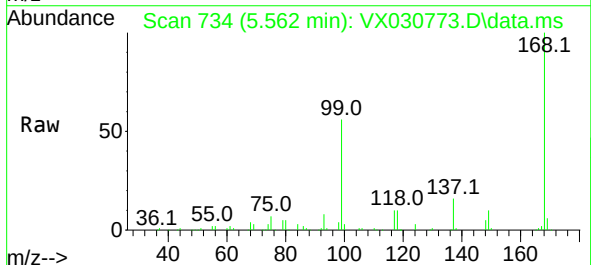
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

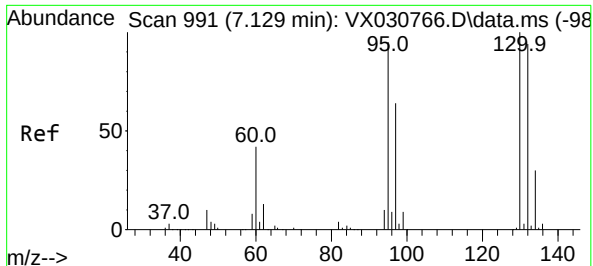
Tgt Ion: 75 Resp: 18476
Ion Ratio Lower Upper
75 100
110 8.8 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.491 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

Tgt Ion: 117 Resp: 23631
Ion Ratio Lower Upper
117 100
119 8.0 74.1 111.1#
121 0.0 25.8 38.8#

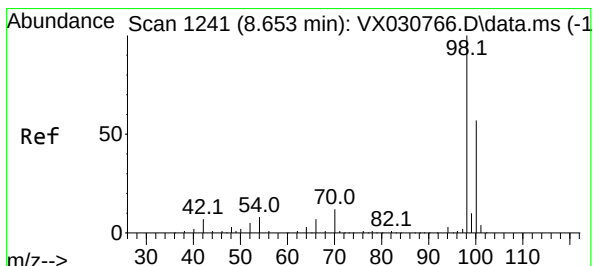
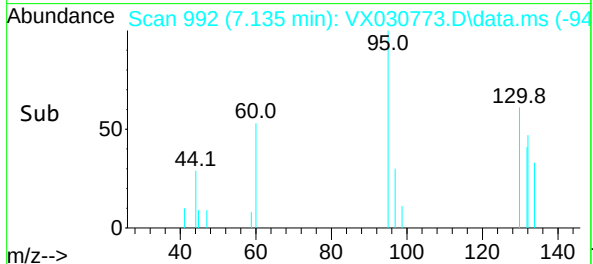
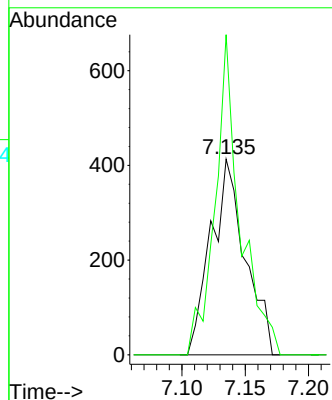
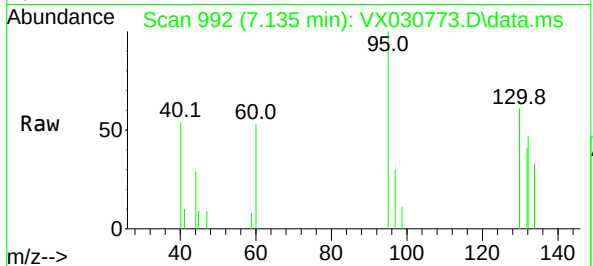




#44
Trichloroethene
Concen: 0.261 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

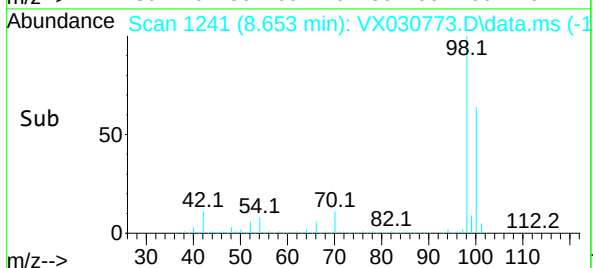
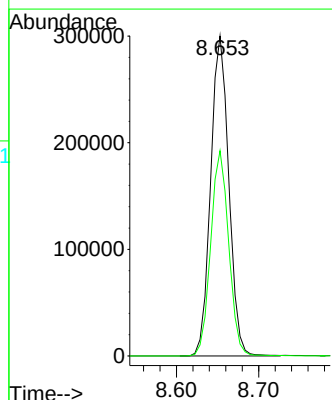
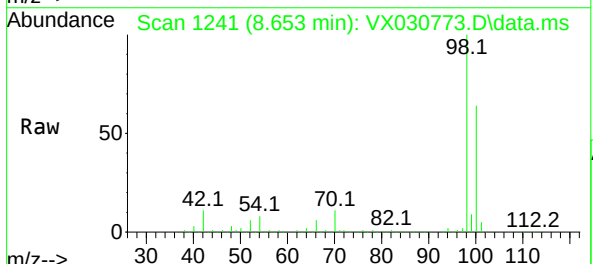
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

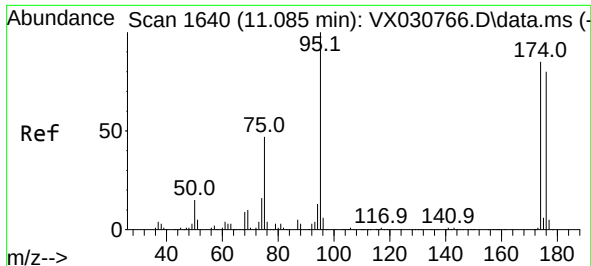
Tgt Ion:130 Resp: 779
Ion Ratio Lower Upper
130 100
95 163.7 0.0 194.8



#50
Toluene-d8
Concen: 52.009 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

Tgt Ion: 98 Resp: 459354
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5

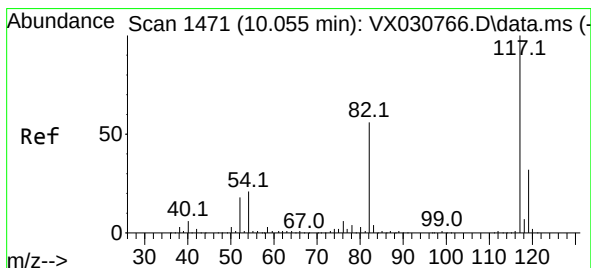
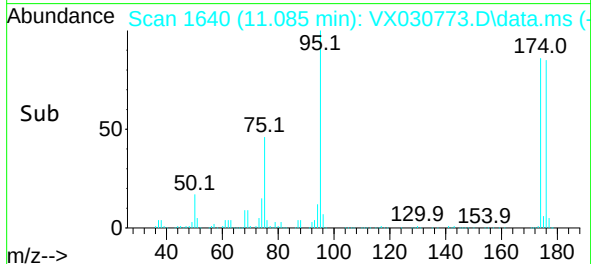
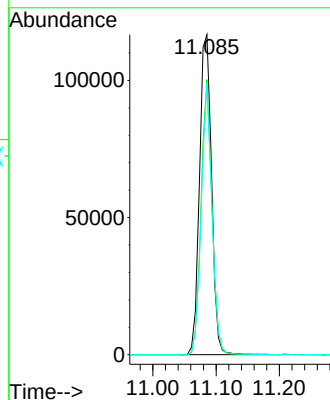
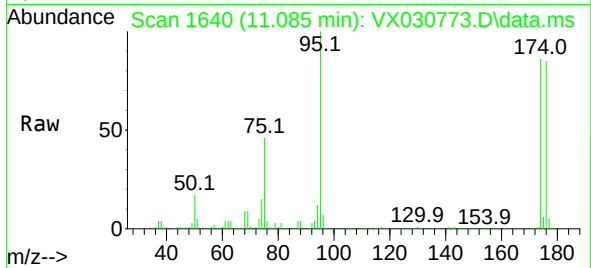




#62
4-Bromofluorobenzene
Concen: 47.081 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

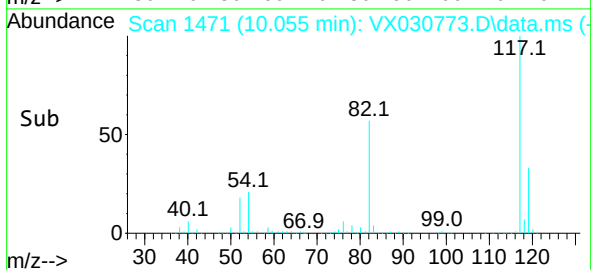
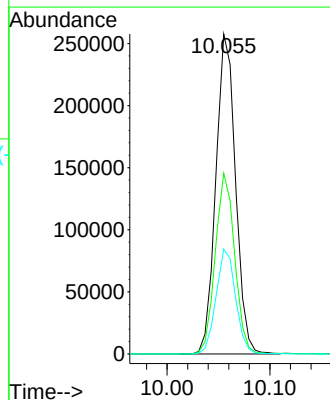
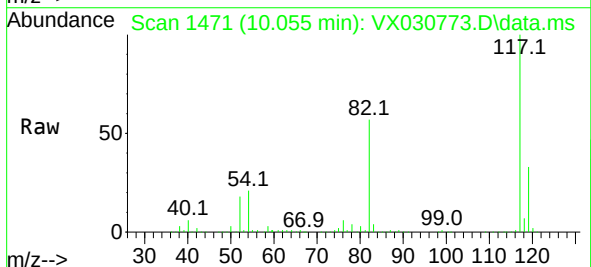
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

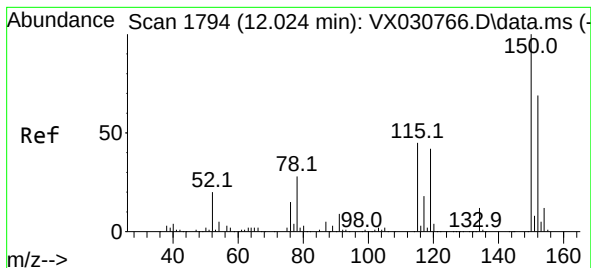
Tgt Ion: 95 Resp: 154814
Ion Ratio Lower Upper
95 100
174 78.3 0.0 149.0
176 75.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030773.D
Acq: 25 Aug 2022 15:34

Tgt Ion: 117 Resp: 342079
Ion Ratio Lower Upper
117 100
82 56.5 42.7 64.1
119 32.8 25.4 38.2

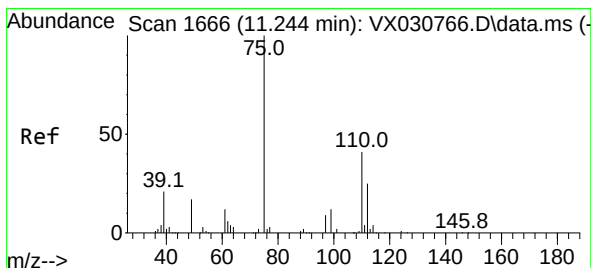
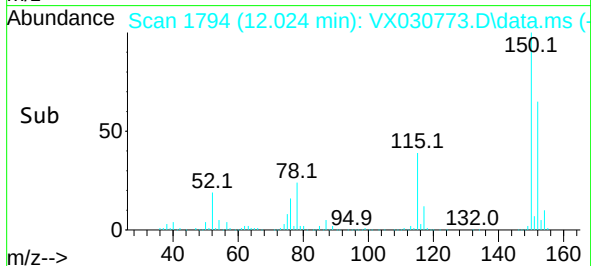
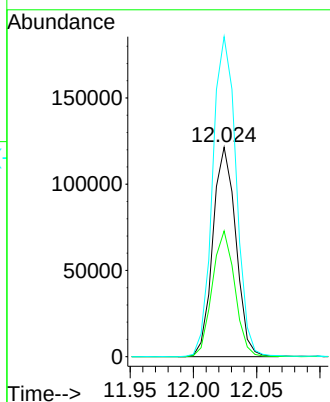
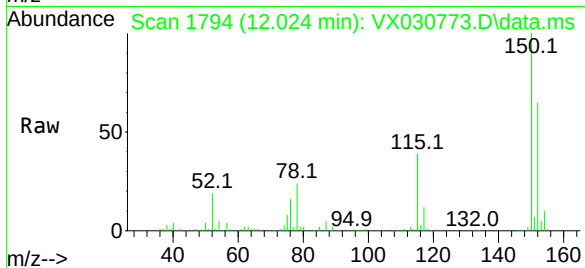




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030773.D
 Acq: 25 Aug 2022 15:34

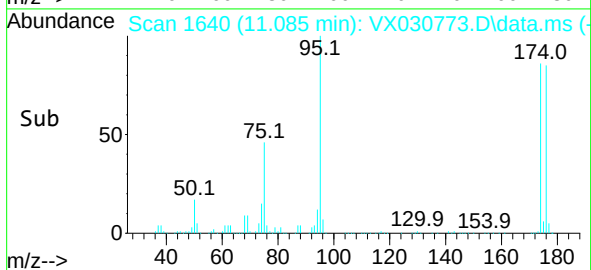
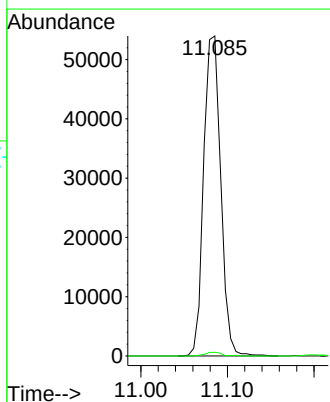
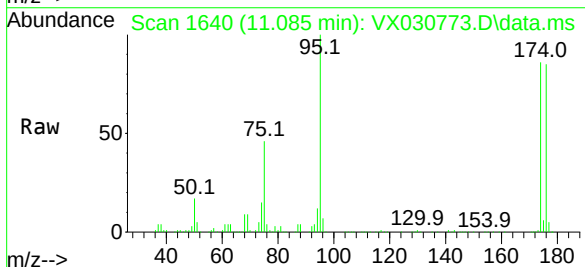
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

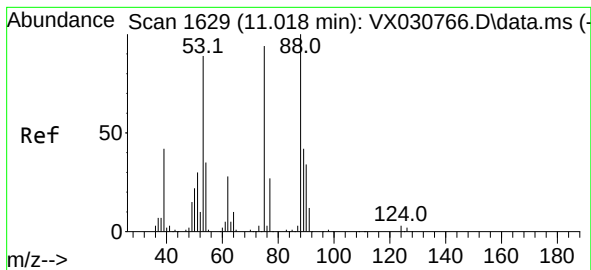
Tgt Ion:152 Resp: 153674
 Ion Ratio Lower Upper
 152 100
 115 58.7 40.5 121.5
 150 156.3 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.934 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030773.D
 Acq: 25 Aug 2022 15:34

Tgt Ion: 75 Resp: 73846
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.767 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030773.D
 Acq: 25 Aug 2022 15:34

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

Tgt Ion: 75 Resp: 73846
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

