

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024568.D
 Acq On : 05 Oct 2021 14:05
 Operator : JC/MD
 Sample : M4044-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Oct 06 06:48:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	153448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	270633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111555	51.582	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.160%	
35) Dibromofluoromethane	5.397	113	91215	50.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.460%	
50) Toluene-d8	8.653	98	334836	50.601	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	11.085	95	122719	47.168	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.340%	

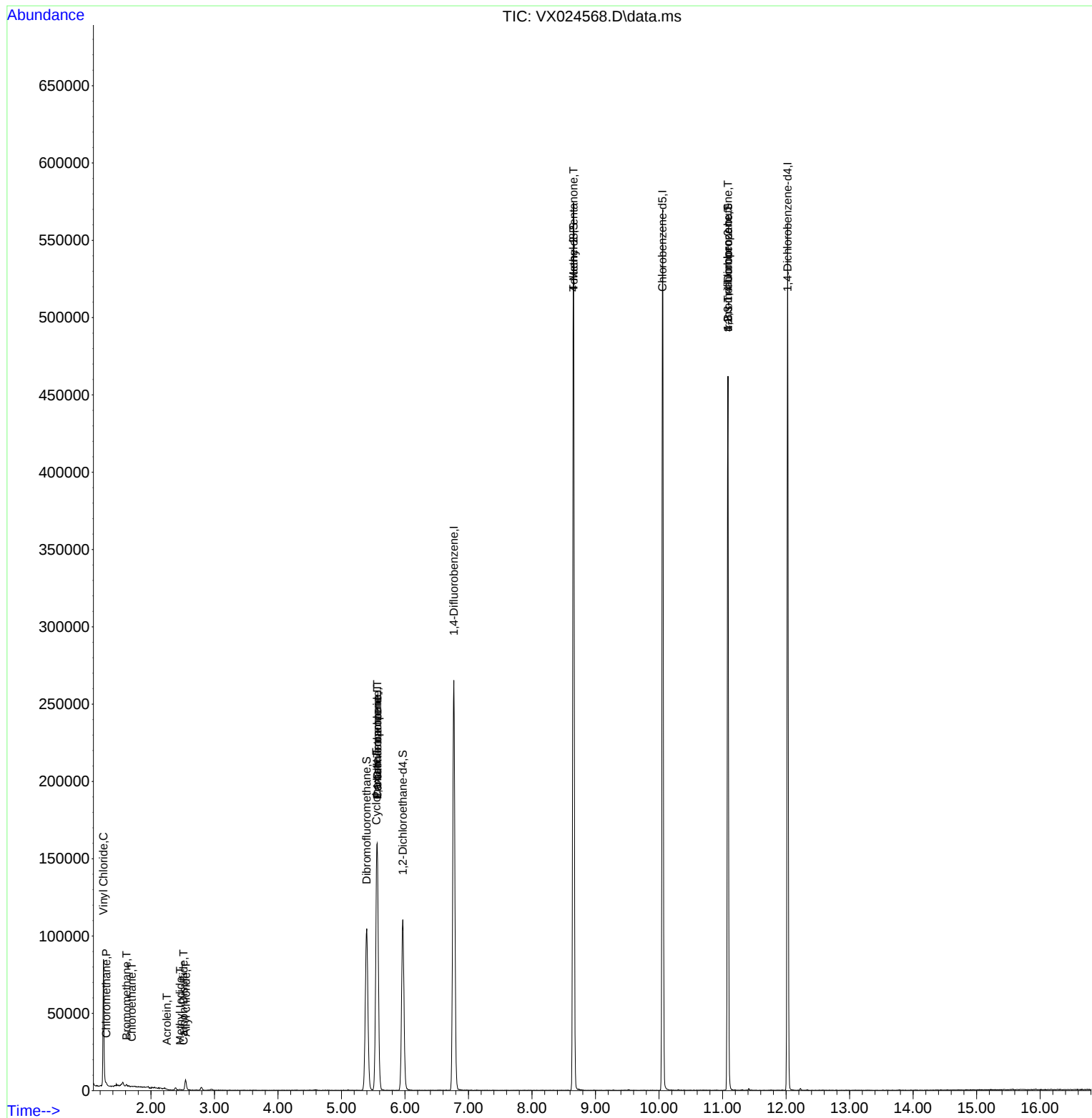
Target Compounds			Qvalue			
3) Chloromethane	1.295	50	611	0.420	ug/l #	85
4) Vinyl Chloride	1.252	62	452	0.297	ug/l #	1
5) Bromomethane	1.618	94	460	0.449	ug/l	87
6) Chloroethane	1.697	64	129	0.385	ug/l #	43
10) Methyl Iodide	2.459	142	640	0.302	ug/l #	83
11) Tert butyl alcohol	2.941	59	394	Below Cal	#	73
13) Acrolein	2.252	56	40	10.386	ug/l #	14
14) Allyl chloride	2.550	41	822	0.320	ug/l #	59
16) Acetone	2.386	43	1807	Below Cal	#	73
17) Carbon Disulfide	2.514	76	442	0.349	ug/l #	75
20) Methylene Chloride	2.794	84	1034	Below Cal	#	89
31) Cyclohexane	5.550	56	2870	1.108	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11721	4.518	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16063	5.688	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1402	0.431	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	62379	24.046	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	62379	65.646	ug/l #	12

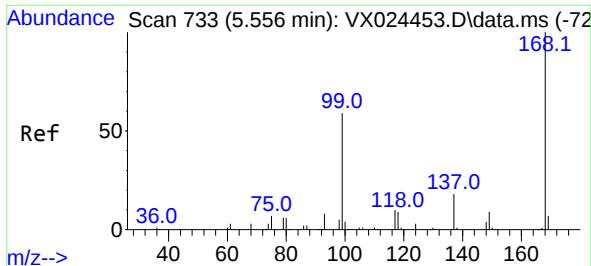
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
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STORAGE-BLANK-SOIL-REF-6

Quant Time: Oct 06 06:48:27 2021
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Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

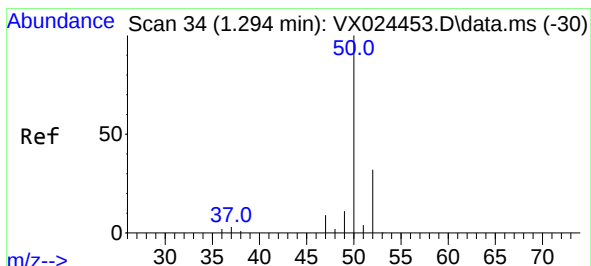
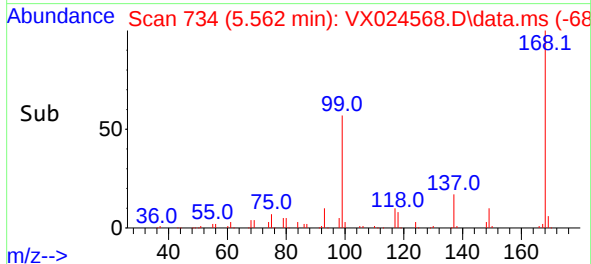
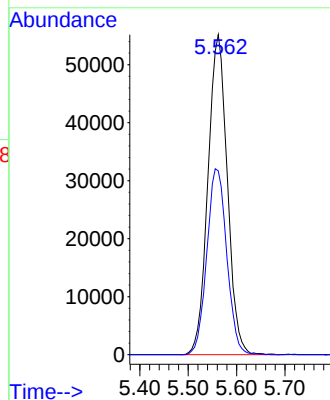
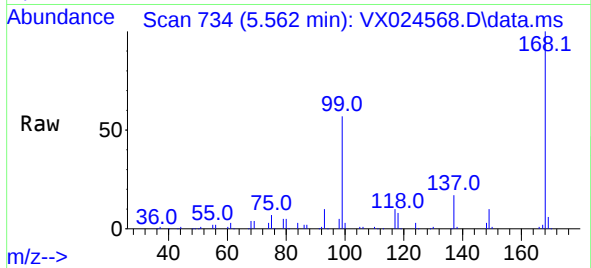




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

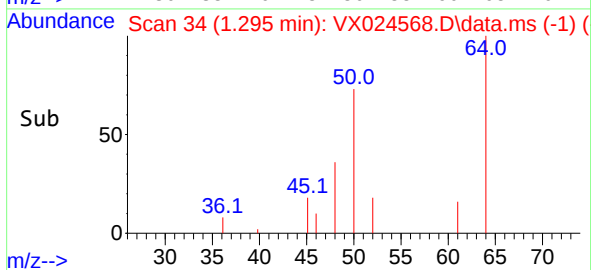
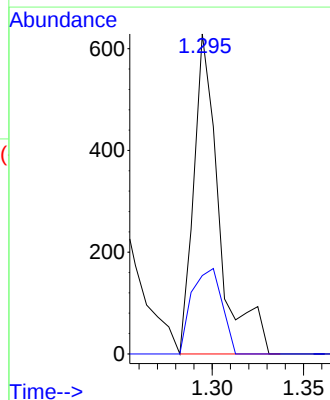
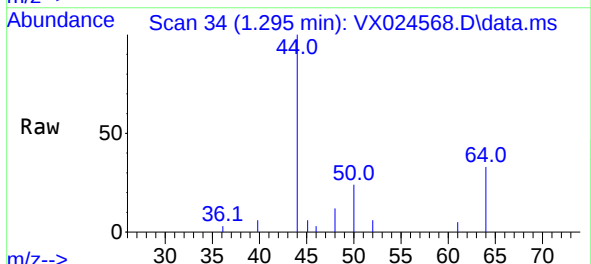
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

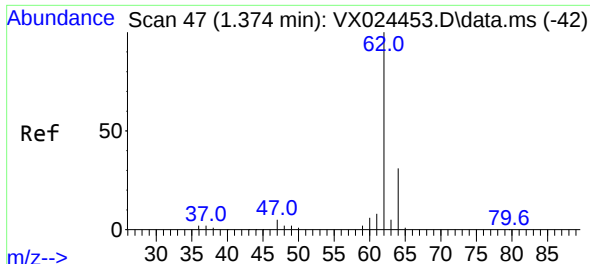
Tgt Ion:168 Resp: 153448
Ion Ratio Lower Upper
168 100
99 57.5 45.8 68.6



#3
Chloromethane
Concen: 0.420 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

Tgt Ion: 50 Resp: 611
Ion Ratio Lower Upper
50 100
52 24.5 26.4 39.6#

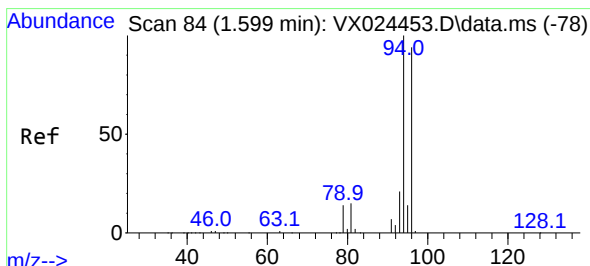
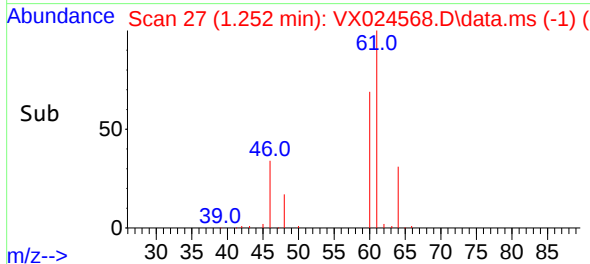
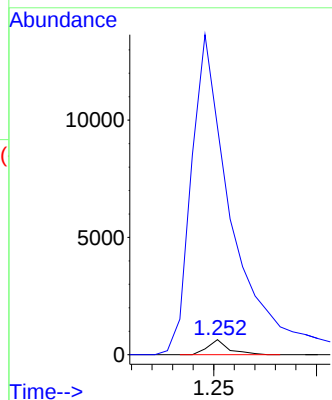
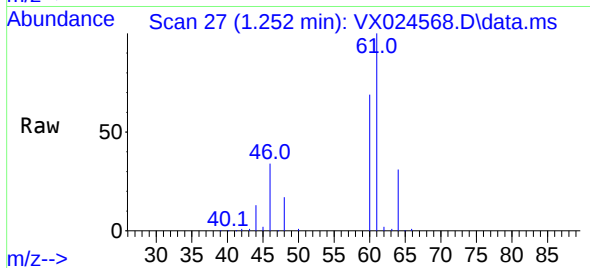




#4
 Vinyl Chloride
 Concen: 0.297 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX024568.D
 Acq: 05 Oct 2021 14:05

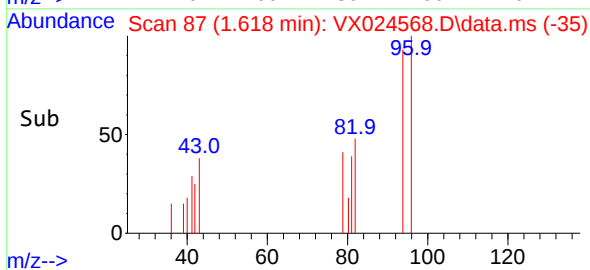
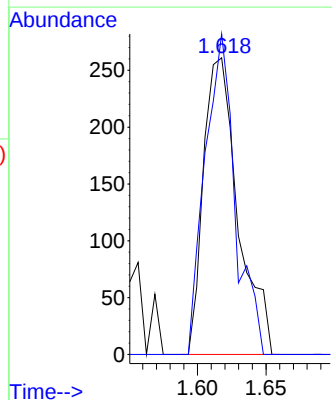
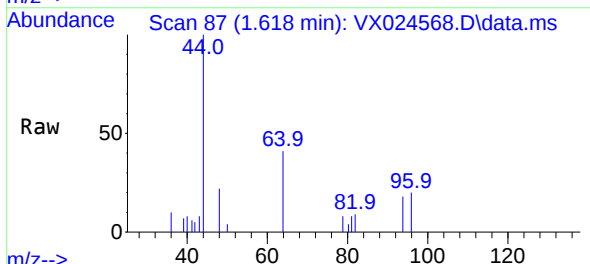
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

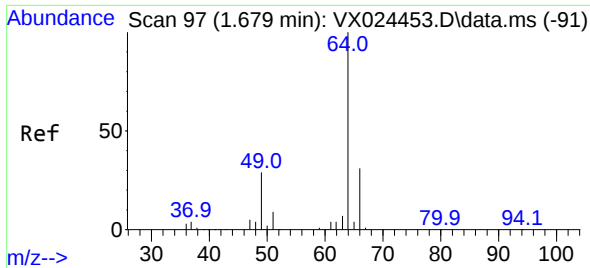
Tgt Ion: 62 Resp: 452
 Ion Ratio Lower Upper
 62 100
 64 1325.7 25.7 38.5#



#5
 Bromomethane
 Concen: 0.449 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.019 min
 Lab File: VX024568.D
 Acq: 05 Oct 2021 14:05

Tgt Ion: 94 Resp: 460
 Ion Ratio Lower Upper
 94 100
 96 108.0 76.4 114.6

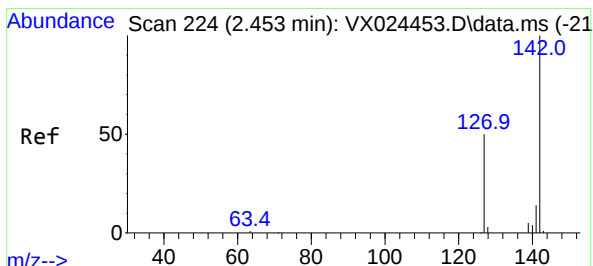
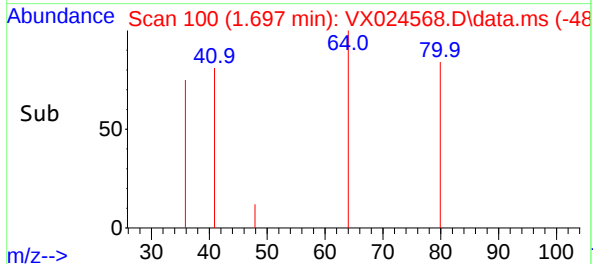
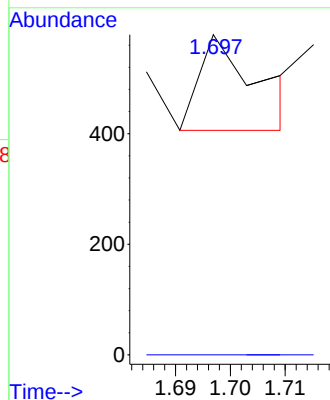
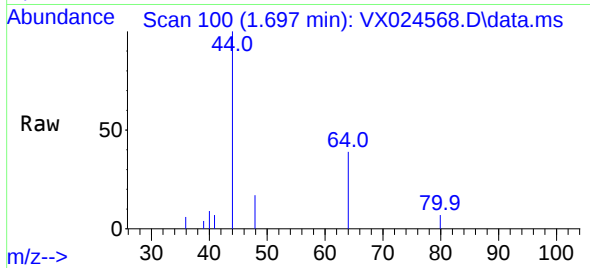




#6
Chloroethane
Concen: 0.385 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

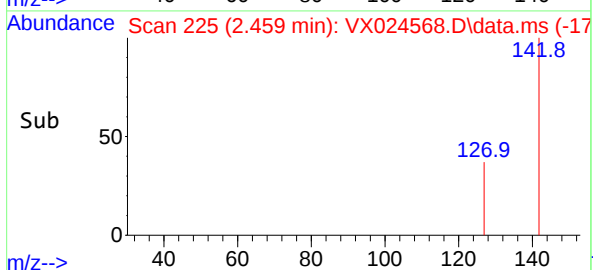
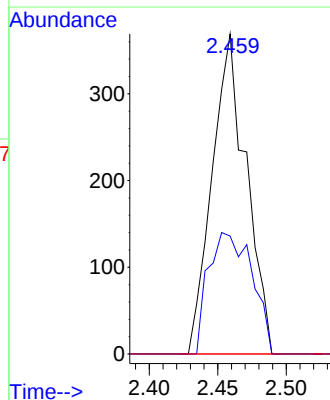
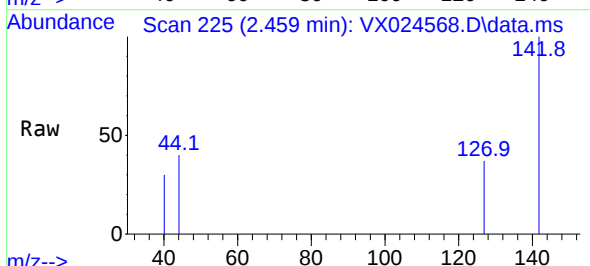
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

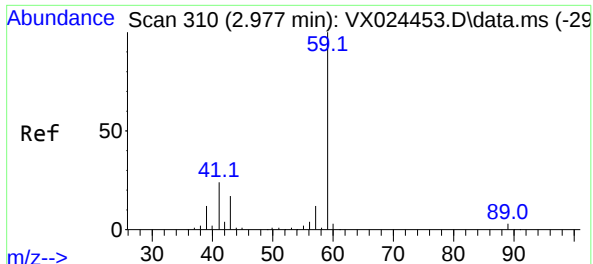
Tgt Ion: 64 Resp: 129
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.302 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

Tgt Ion: 142 Resp: 640
Ion Ratio Lower Upper
142 100
127 48.6 33.3 49.9
141 0.0 11.4 17.0#



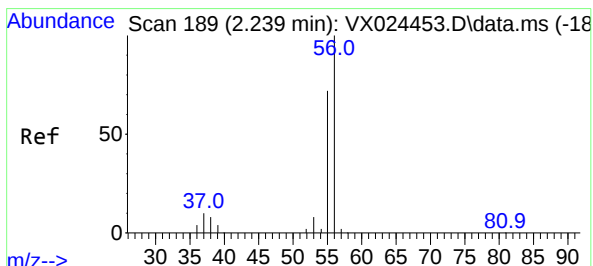
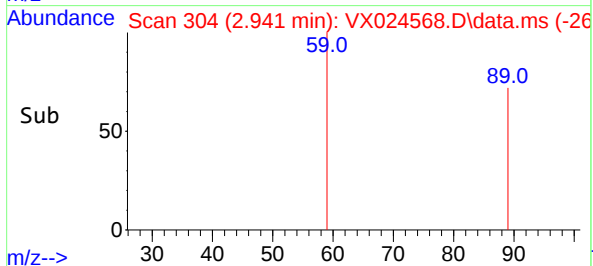
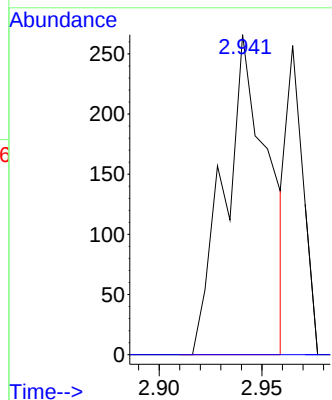
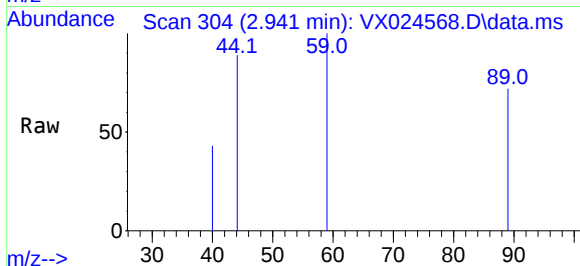


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.036 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

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

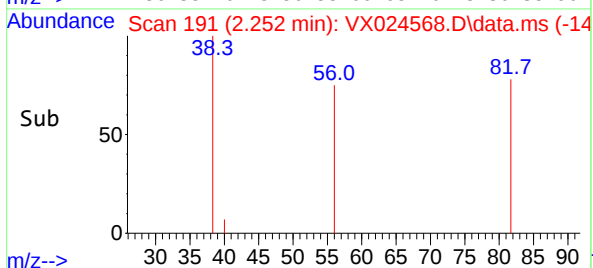
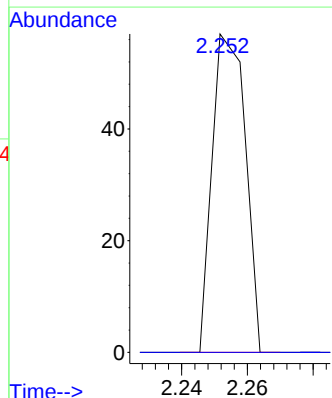
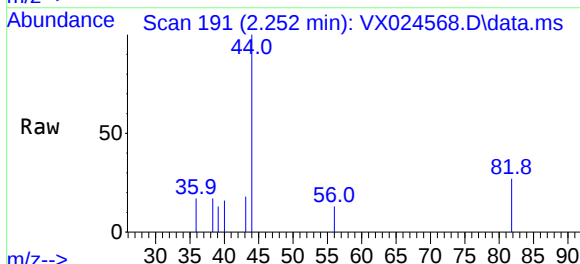
Tgt Ion: 59 Resp: 394
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

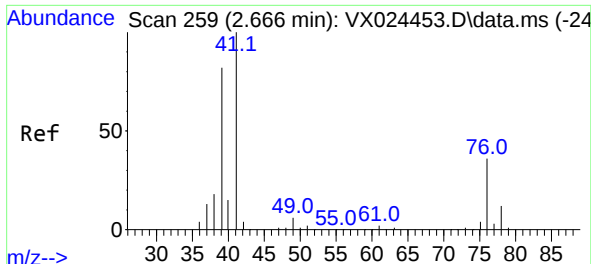


#13

Acrolein
Concen: 10.386 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

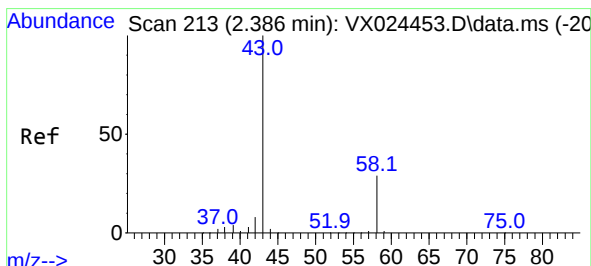
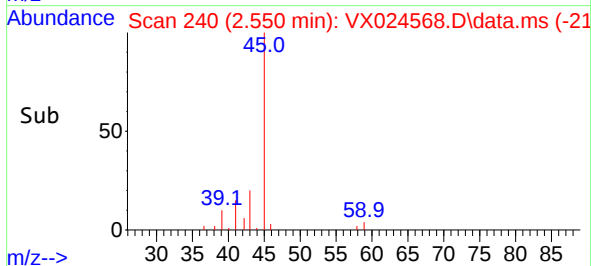
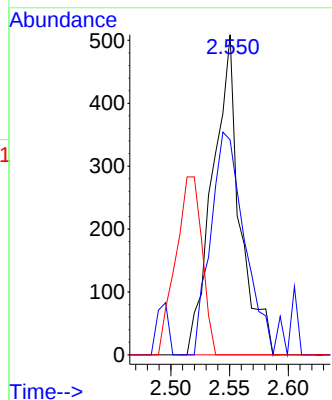
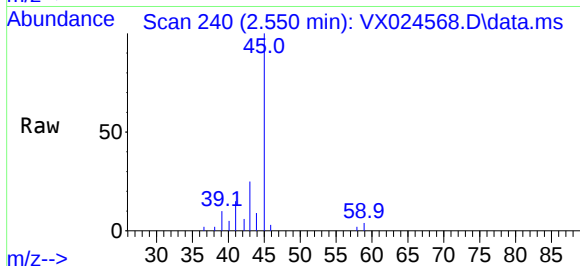




#14
 Allyl chloride
 Concen: 0.320 ug/l
 RT: 2.550 min Scan# 240
 Delta R.T. -0.116 min
 Lab File: VX024568.D
 Acq: 05 Oct 2021 14:05

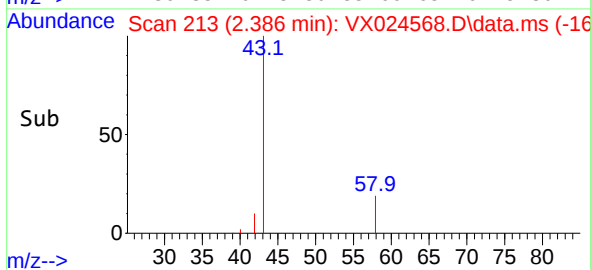
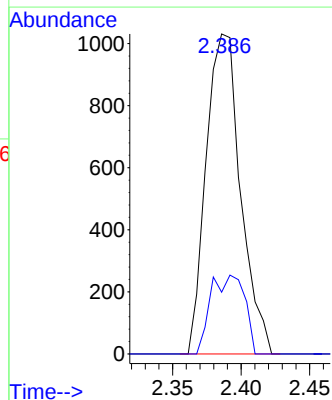
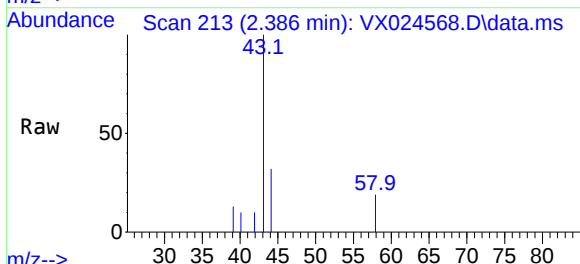
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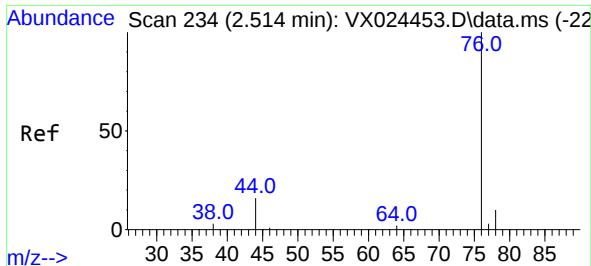
Tgt Ion: 41 Resp: 822
 Ion Ratio Lower Upper
 41 100
 39 86.1 51.6 77.4#
 76 0.0 30.5 45.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX024568.D
 Acq: 05 Oct 2021 14:05

Tgt Ion: 43 Resp: 1807
 Ion Ratio Lower Upper
 43 100
 58 19.3 27.8 41.8#

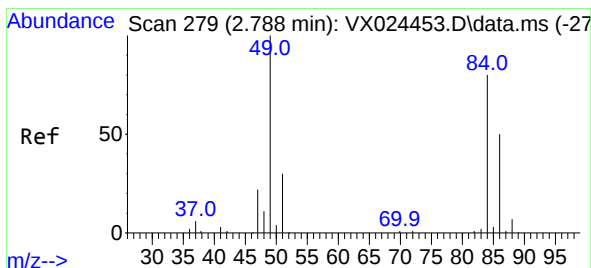
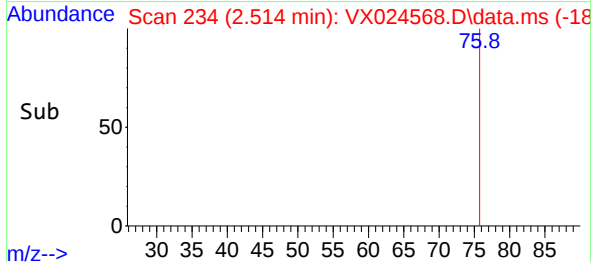
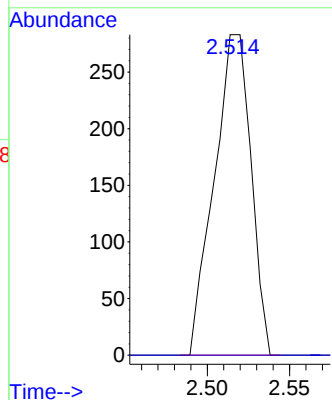
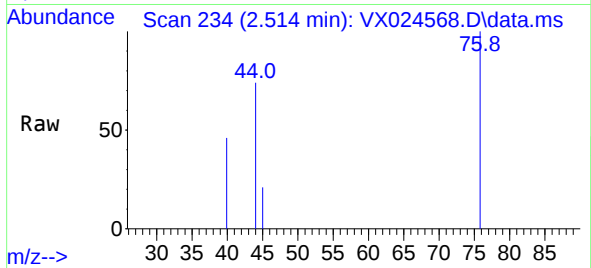




#17
Carbon Disulfide
Concen: 0.349 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

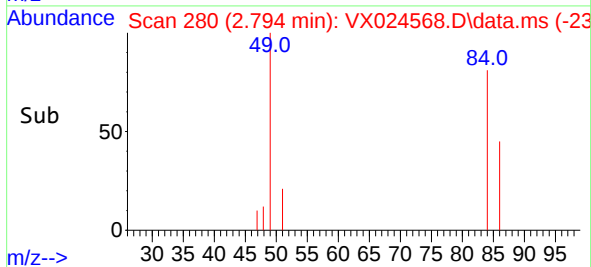
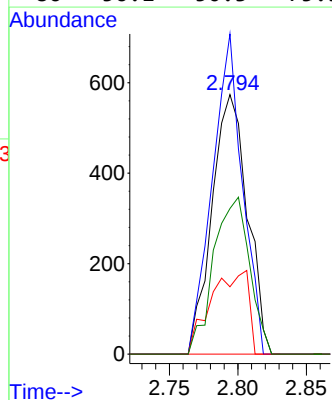
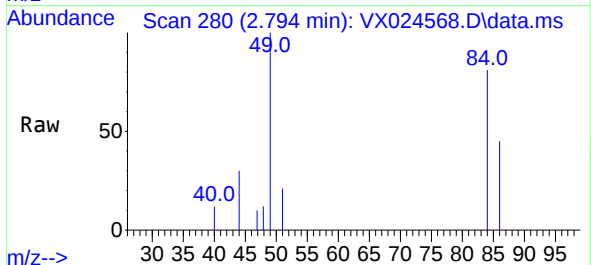
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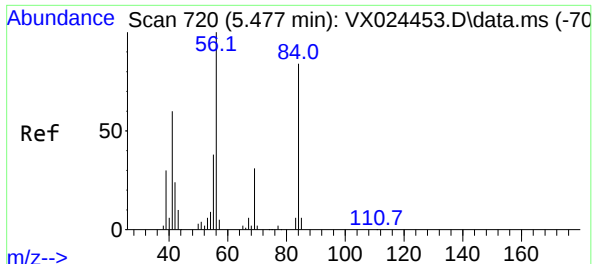
Tgt Ion: 76 Resp: 442
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

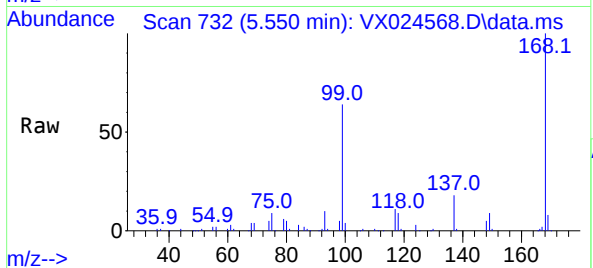
Tgt Ion: 84 Resp: 1034
Ion Ratio Lower Upper
84 100
49 123.3 88.6 132.8
51 26.0 27.0 40.6#
86 56.1 50.3 75.5



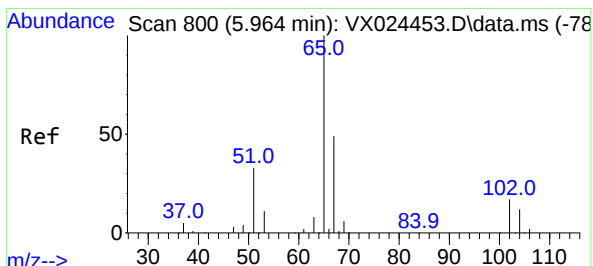
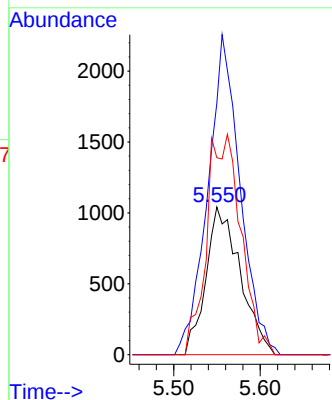
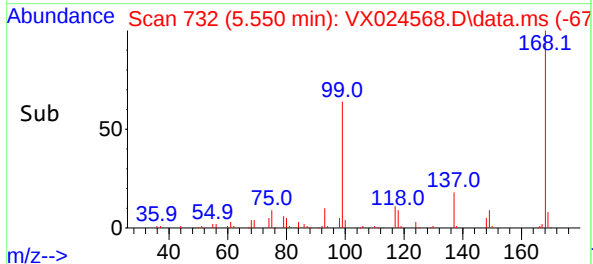


#31
Cyclohexane
Concen: 1.108 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

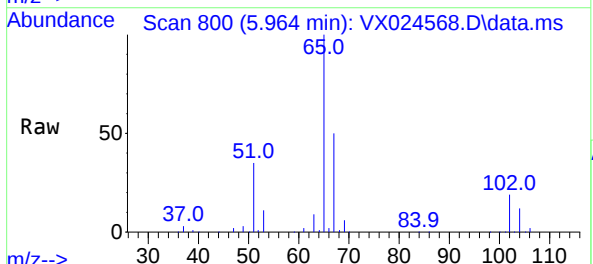
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



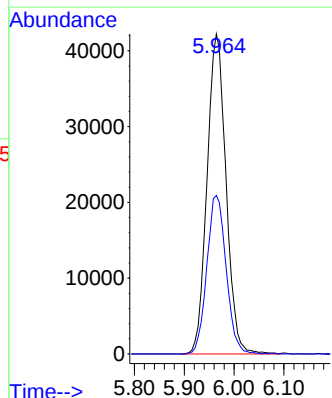
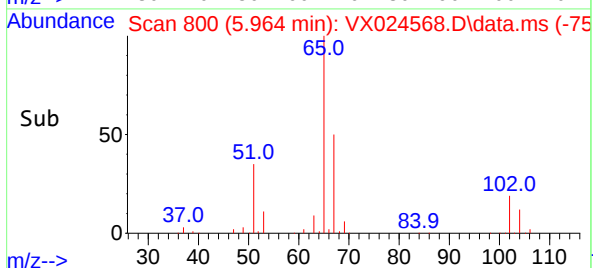
Tgt Ion: 56 Resp: 2870
Ion Ratio Lower Upper
56 100
69 170.2 25.3 37.9#
84 133.3 71.4 107.0#

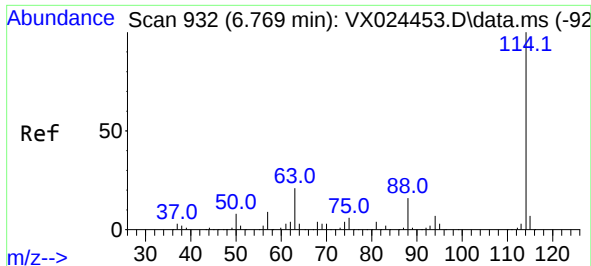


#33
1,2-Dichloroethane-d4
Concen: 51.582 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05



Tgt Ion: 65 Resp: 111555
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

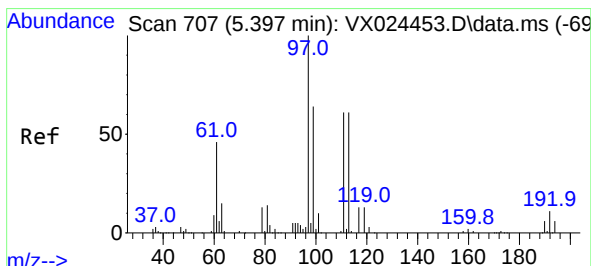
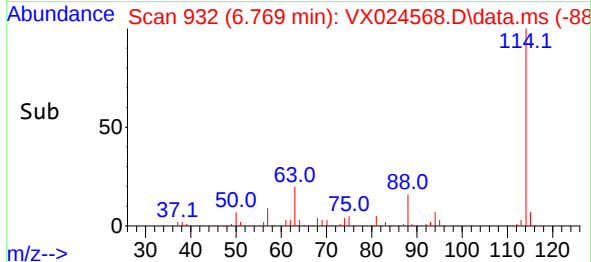
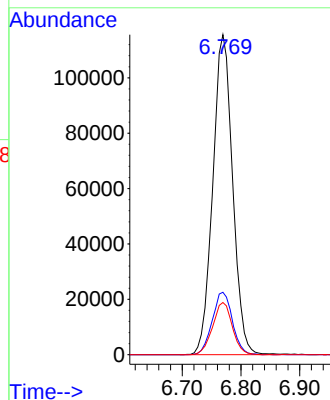
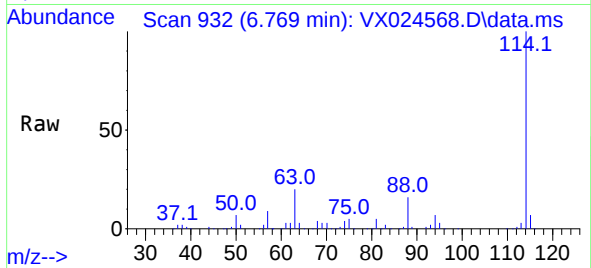




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

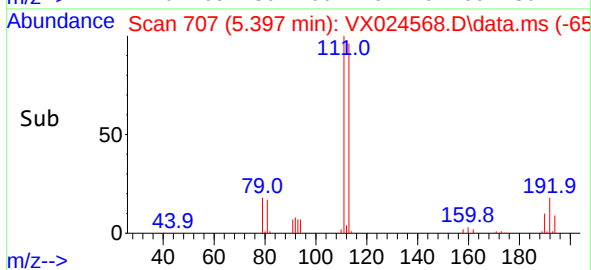
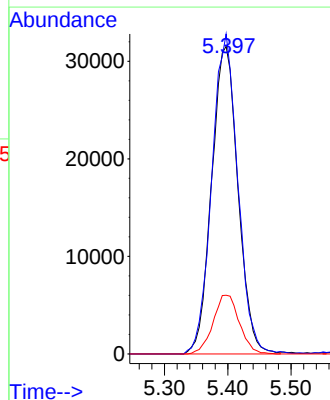
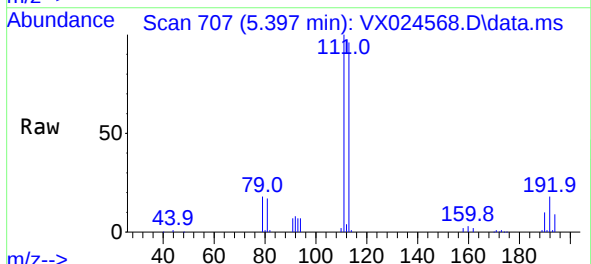
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

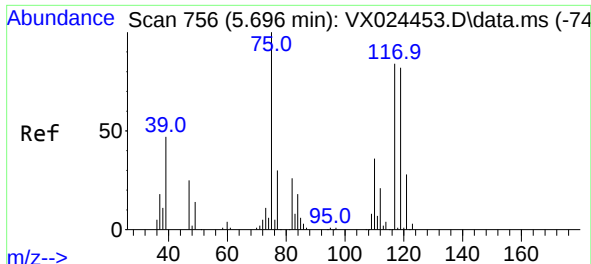
Tgt Ion:114 Resp: 270633
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.735 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

Tgt Ion:113 Resp: 91215
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 19.1 16.7 25.1

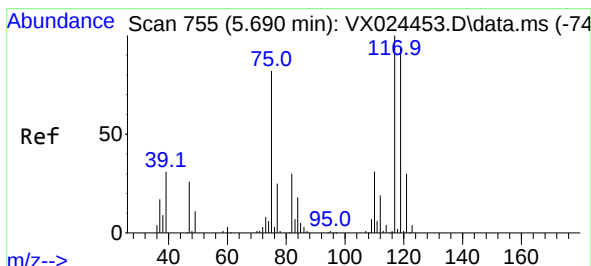
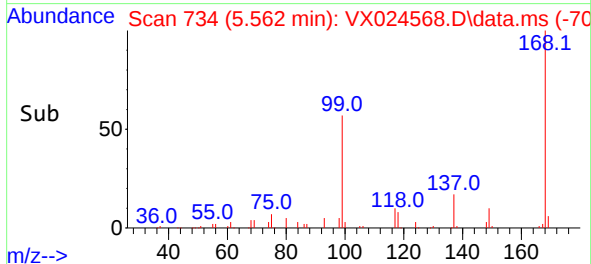
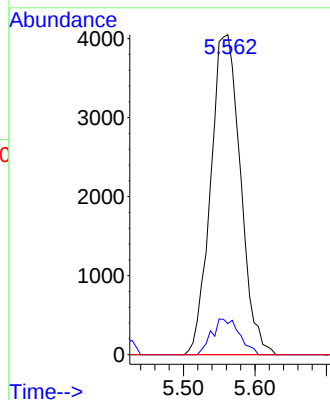
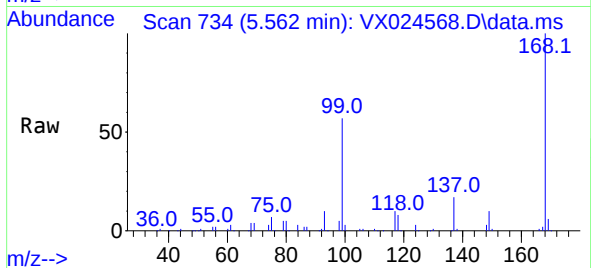




#36
1,1-Dichloropropene
Concen: 4.518 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

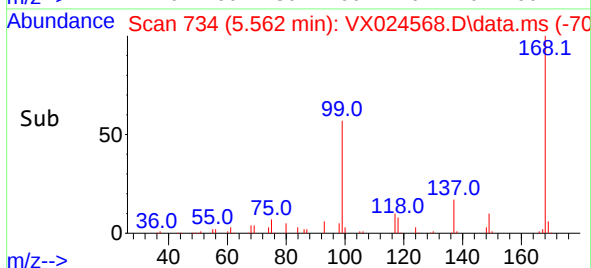
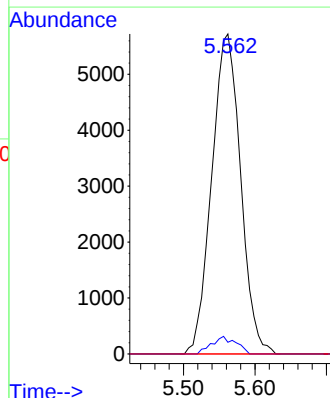
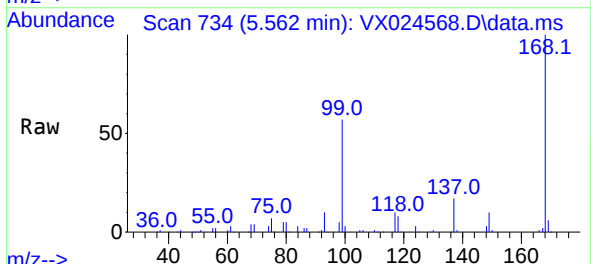
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

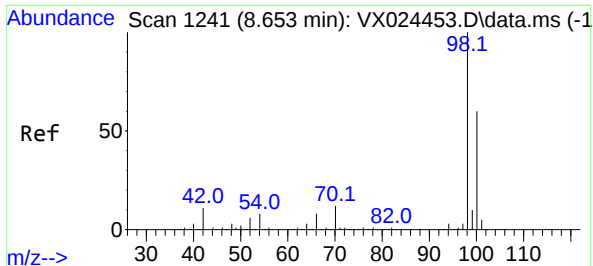
Tgt Ion: 75 Resp: 11721
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.688 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

Tgt Ion: 117 Resp: 16063
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#

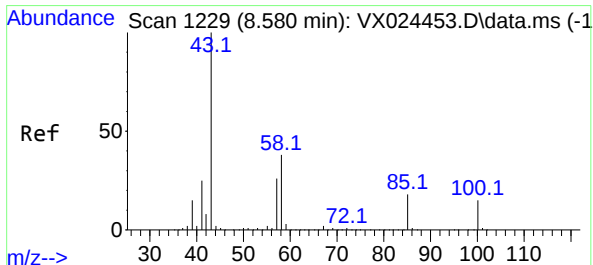
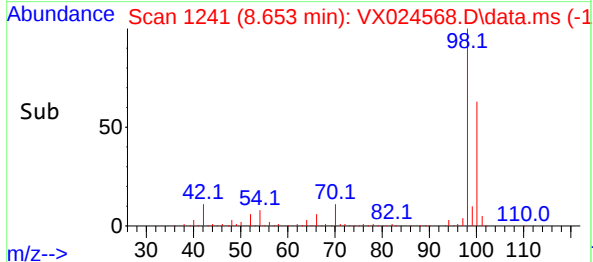
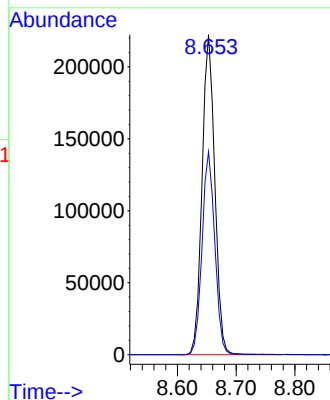
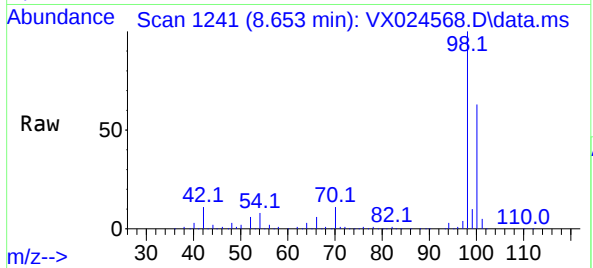




#50
Toluene-d8
Concen: 50.601 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

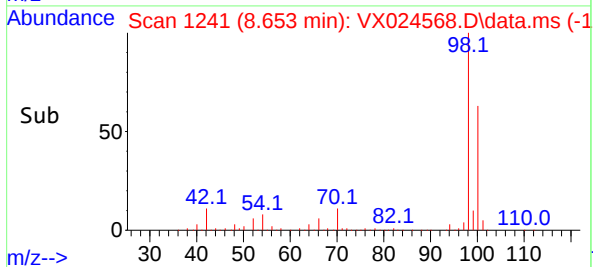
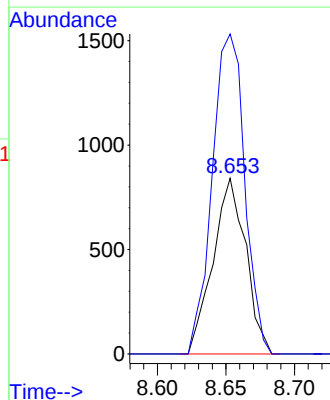
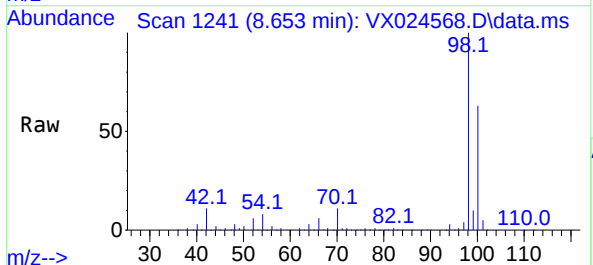
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

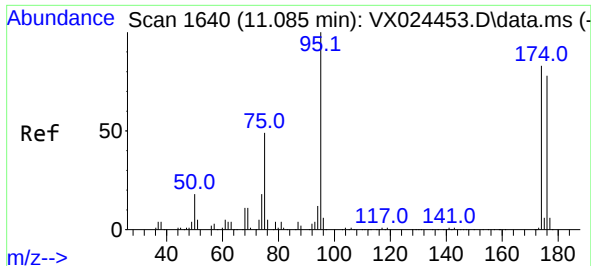
Tgt Ion: 98 Resp: 334836
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.431 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

Tgt Ion: 43 Resp: 1402
Ion Ratio Lower Upper
43 100
58 180.3 35.4 53.0%

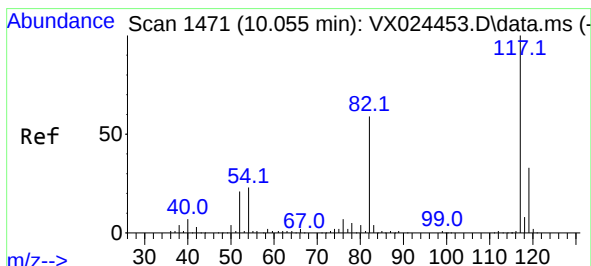
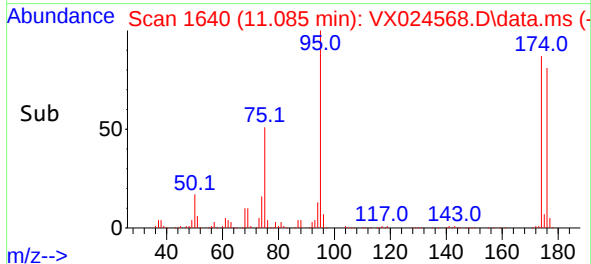
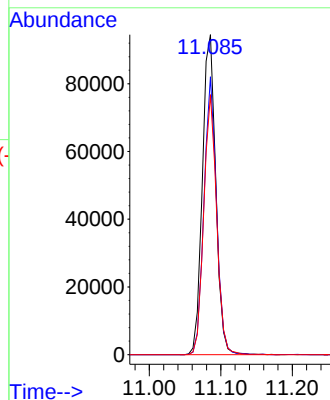
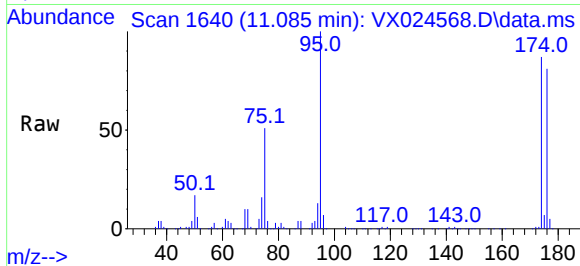




#62
4-Bromofluorobenzene
Concen: 47.168 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

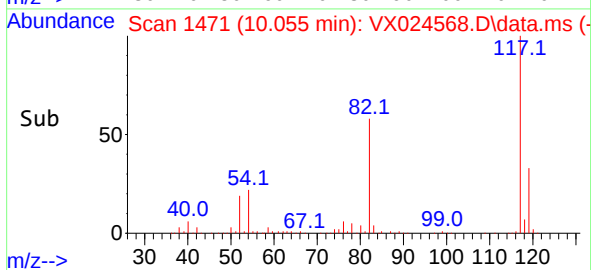
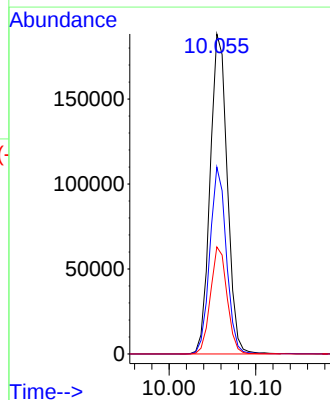
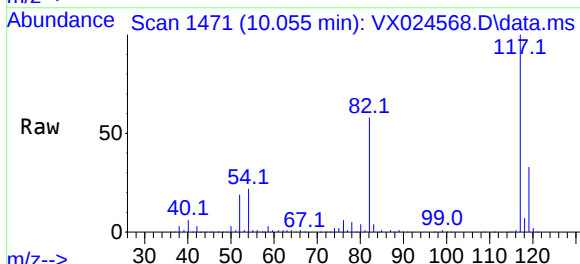
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

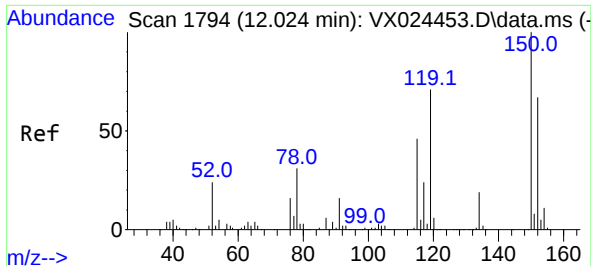
Tgt Ion: 95 Resp: 122719
Ion Ratio Lower Upper
95 100
174 81.4 0.0 154.6
176 78.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

Tgt Ion: 117 Resp: 259027
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 33.5 26.6 39.8

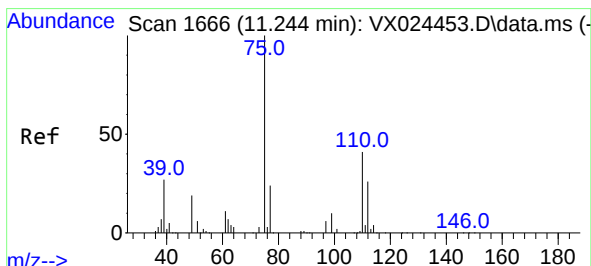
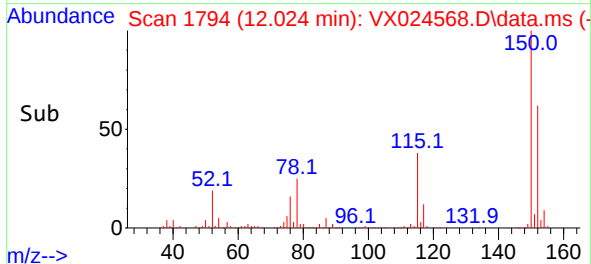
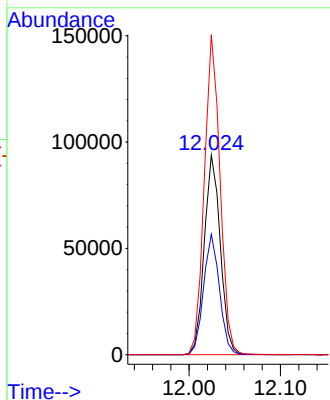
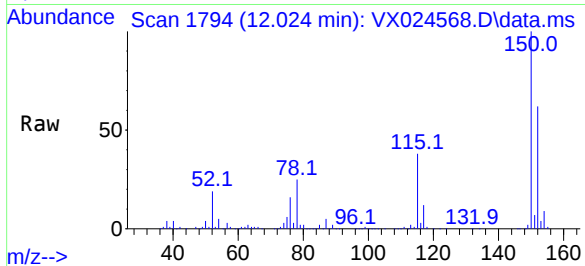




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

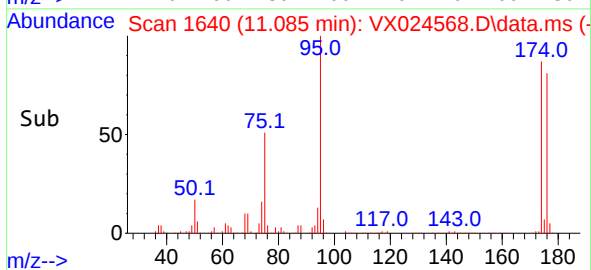
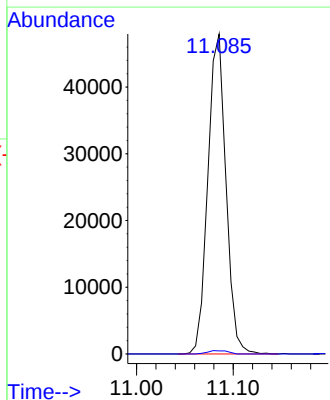
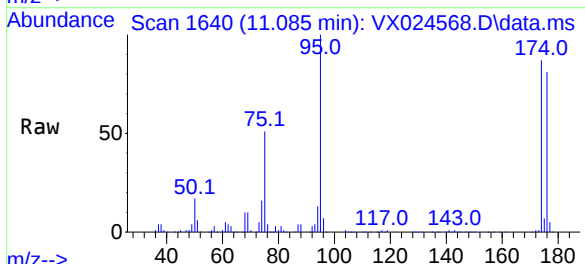
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

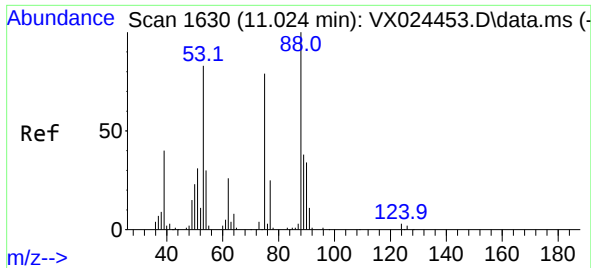
Tgt Ion:152 Resp: 114233
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 157.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.046 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024568.D
Acq: 05 Oct 2021 14:05

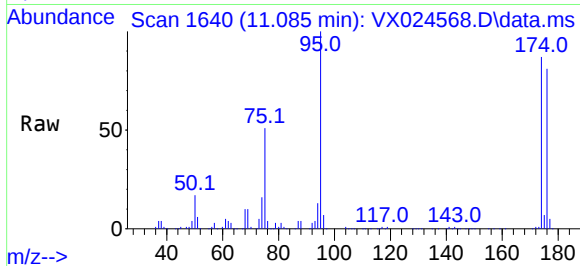
Tgt Ion: 75 Resp: 62379
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.646 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024568.D
 Acq: 05 Oct 2021 14:05

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



Tgt Ion: 75 Resp: 62379
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

