

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024526.D
 Acq On : 04 Oct 2021 17:32
 Operator : JC/MD
 Sample : M4044-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Oct 05 03:21:26 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)

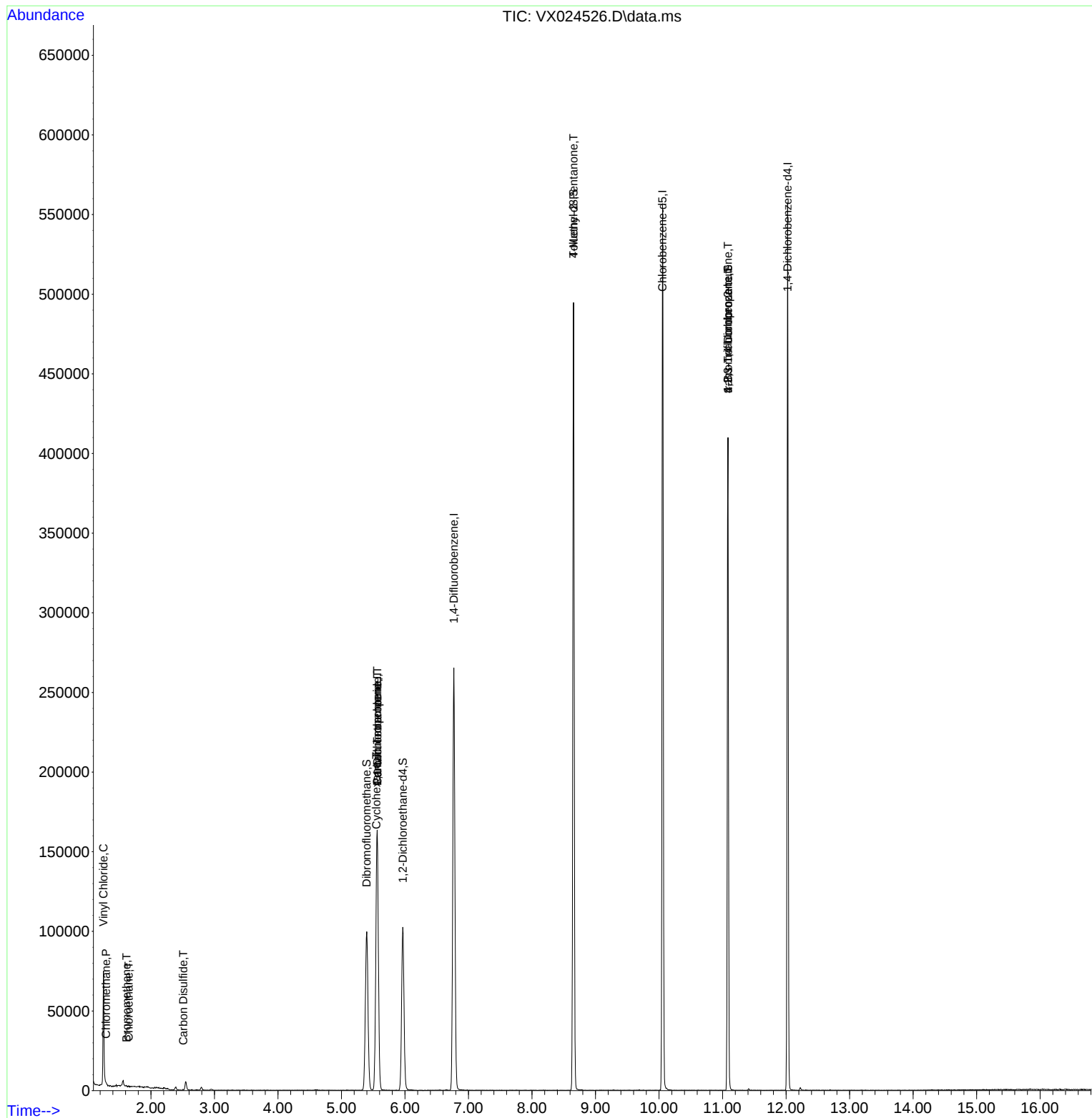
Internal Standards						
1) Pentafluorobenzene	5.562	168	151746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	266466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101851	47.623	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.240%
35) Dibromofluoromethane	5.397	113	86067	48.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	8.653	98	280222	43.010	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	86.020%#
62) 4-Bromofluorobenzene	11.085	95	104588	40.828	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.660%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	456	0.317	ug/l #	81
4) Vinyl Chloride	1.252	62	426	0.283	ug/l #	1
5) Bromomethane	1.617	94	215	0.212	ug/l #	44
6) Chloroethane	1.648	64	71	0.329	ug/l #	43
11) Tert butyl alcohol	2.947	59	458	Below Cal	#	73
16) Acetone	2.392	43	1856	Below Cal		94
17) Carbon Disulfide	2.508	76	133	0.265	ug/l #	75
20) Methylene Chloride	2.800	84	827	Below Cal	#	82
31) Cyclohexane	5.550	56	2832	1.106	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11904	4.660	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16122	5.798	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1231	0.385	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	56620	21.903	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56620	59.969	ug/l #	12

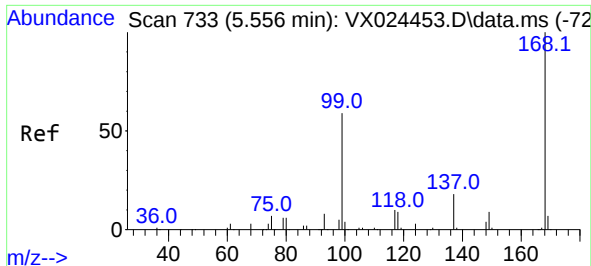
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
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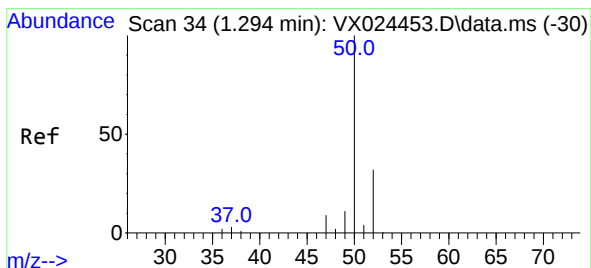
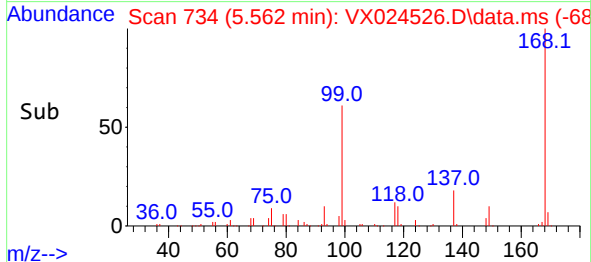
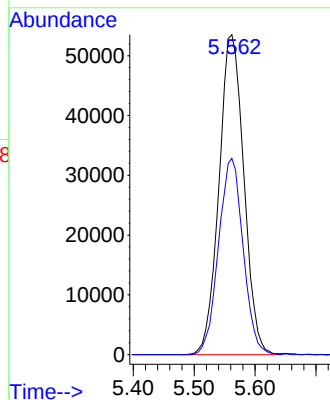
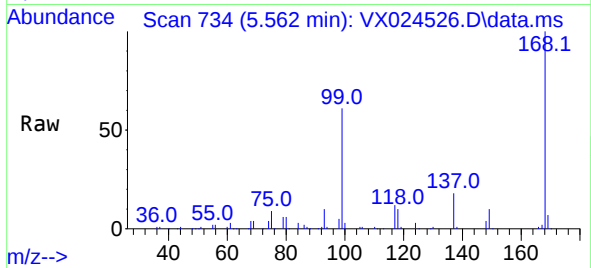




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

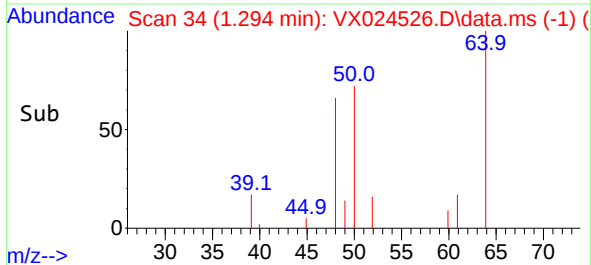
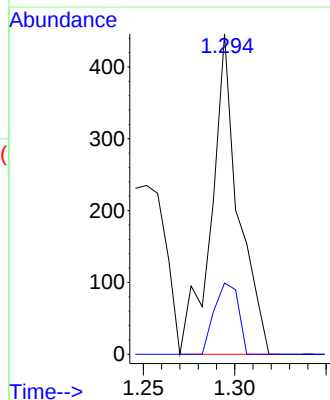
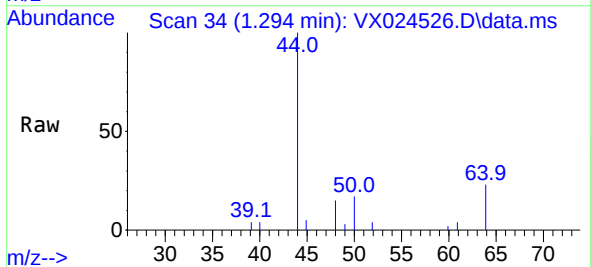
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 151746
Ion Ratio Lower Upper
168 100
99 61.3 45.8 68.6

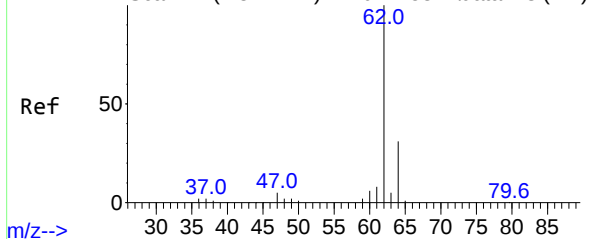


#3
Chloromethane
Concen: 0.317 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

Tgt Ion: 50 Resp: 456
Ion Ratio Lower Upper
50 100
52 22.2 26.4 39.6#



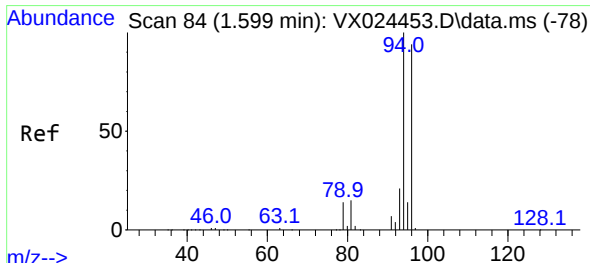
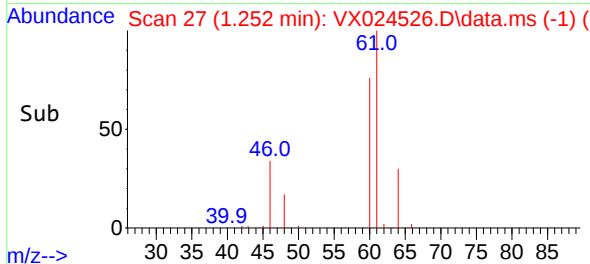
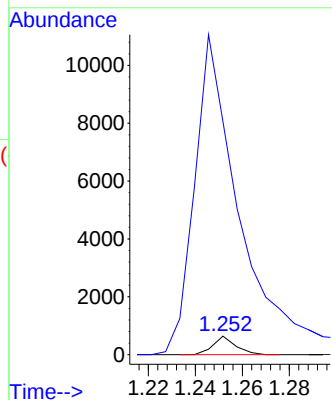
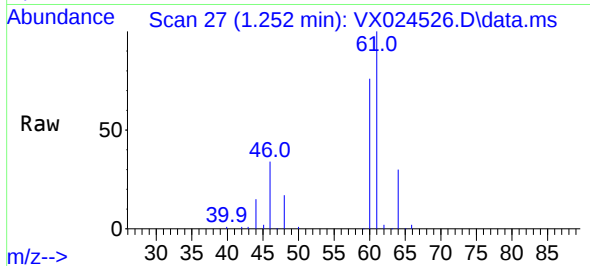
Abundance Scan 47 (1.374 min): VX024453.D\data.ms (-42)



#4
Vinyl Chloride
Concen: 0.283 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.122 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

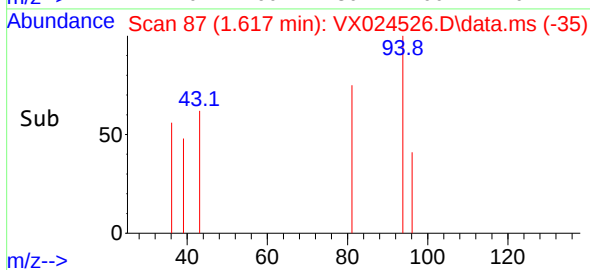
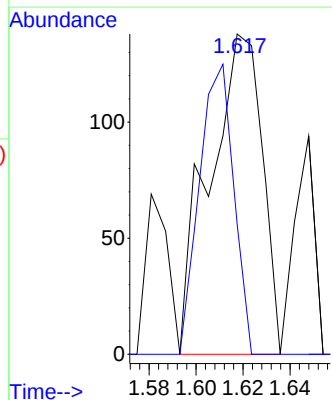
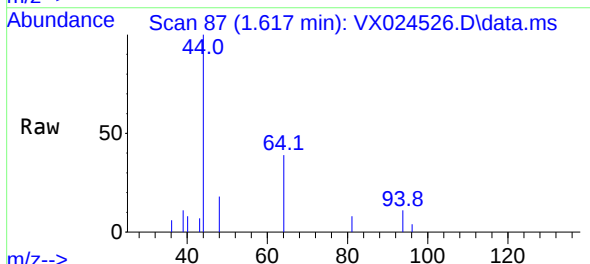
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

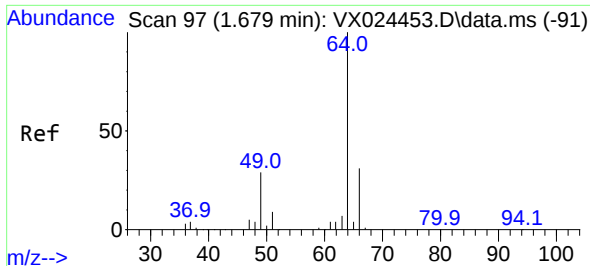
Tgt Ion: 62 Resp: 426
Ion Ratio Lower Upper
62 100
64 1062.6 25.7 38.5#



#5
Bromomethane
Concen: 0.212 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 40.6 76.4 114.6#

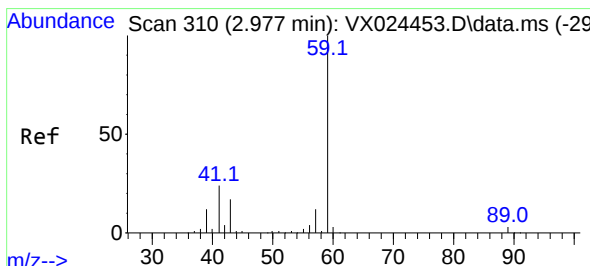
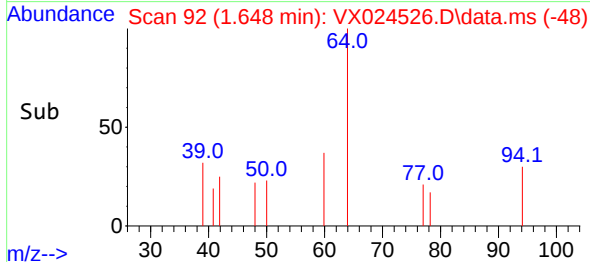
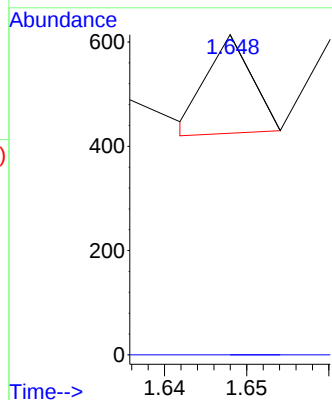
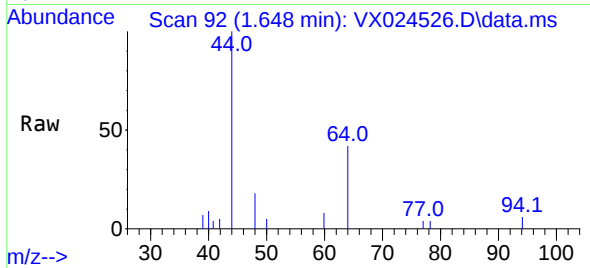




#6
Chloroethane
Concen: 0.329 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.031 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

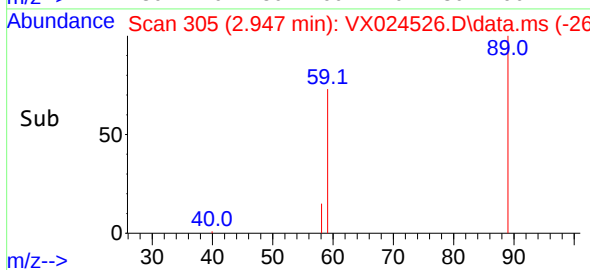
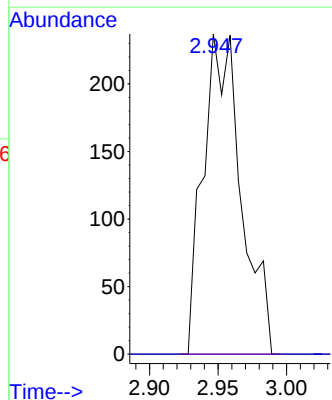
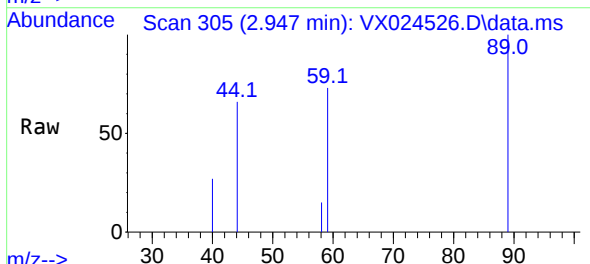
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

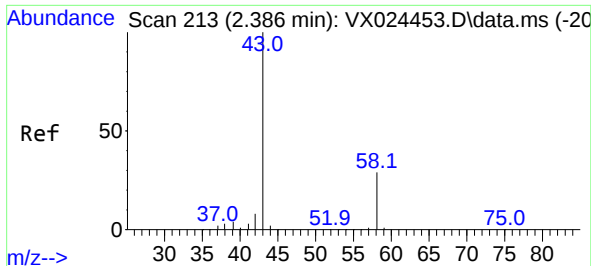
Tgt Ion: 64 Resp: 71
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

Tgt Ion: 59 Resp: 458
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

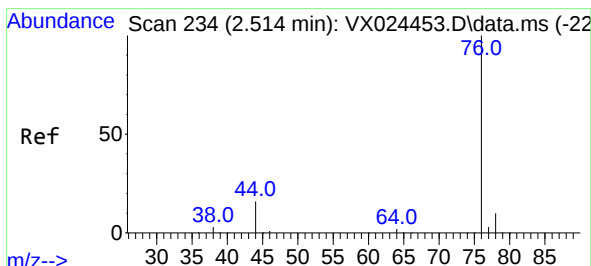
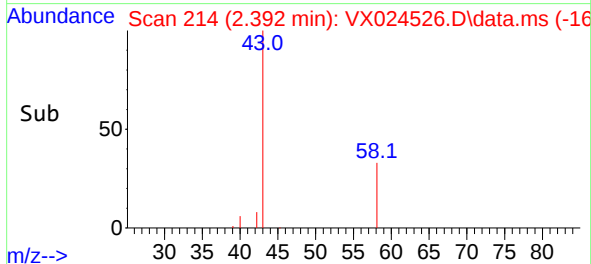
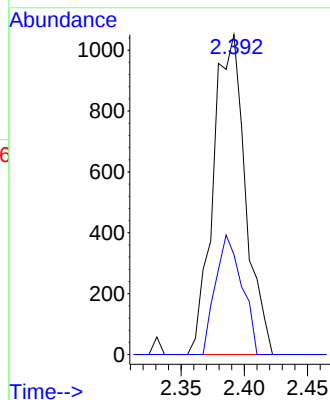
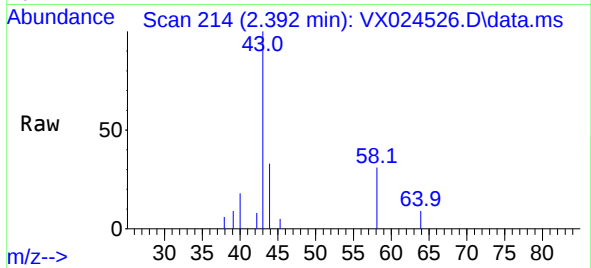




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

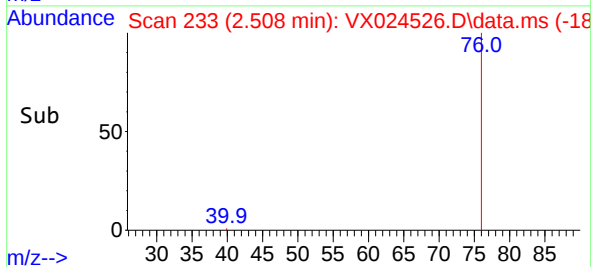
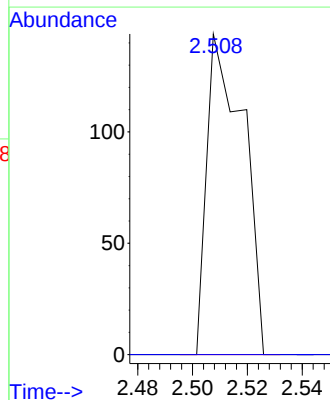
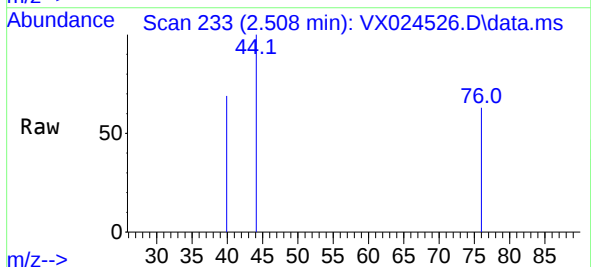
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

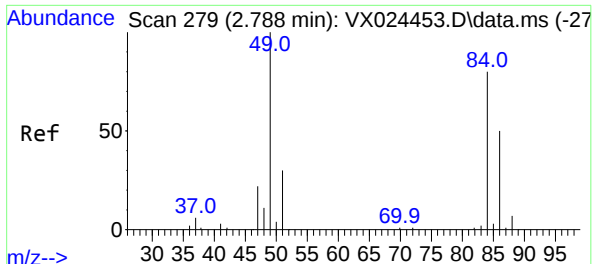
Tgt Ion: 43 Resp: 1856
Ion Ratio Lower Upper
43 100
58 31.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.265 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

Tgt Ion: 76 Resp: 133
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX024526.D

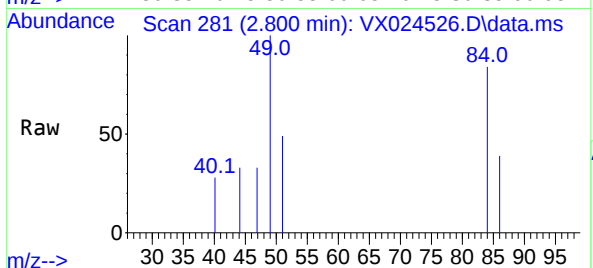
Acq: 04 Oct 2021 17:32

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion: 84 Resp: 827

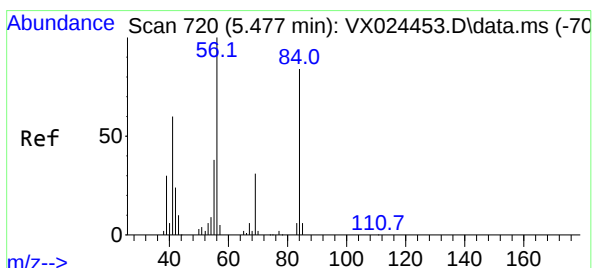
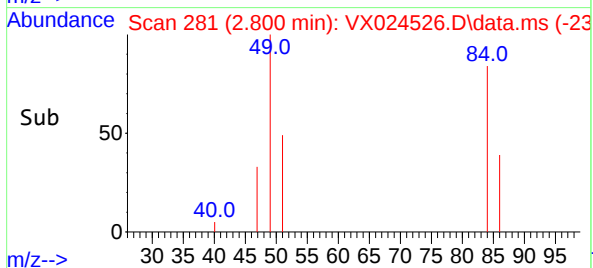
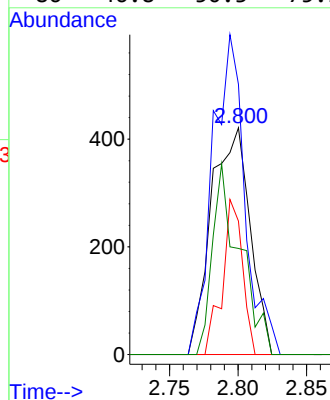
Ion Ratio Lower Upper

84 100

49 119.2 88.6 132.8

51 58.9 27.0 40.6#

86 46.8 50.3 75.5#



#31

Cyclohexane

Concen: 1.106 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX024526.D

Acq: 04 Oct 2021 17:32

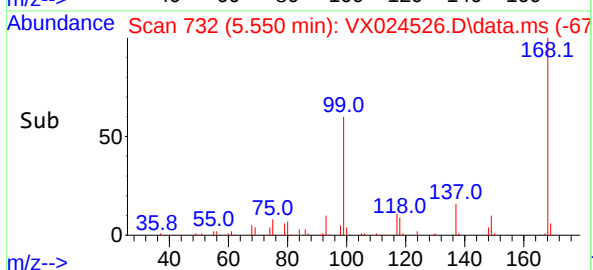
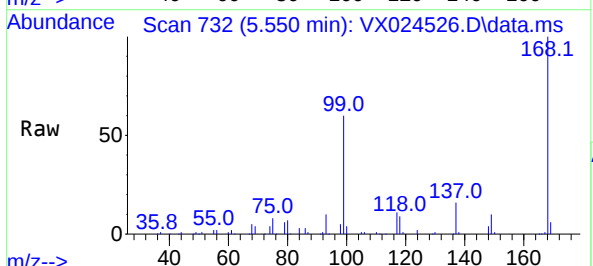
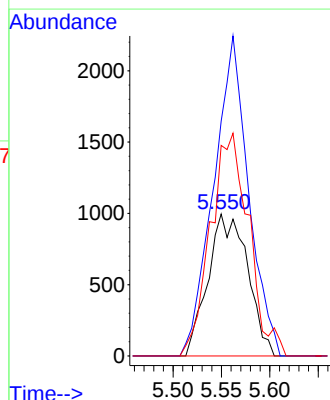
Tgt Ion: 56 Resp: 2832

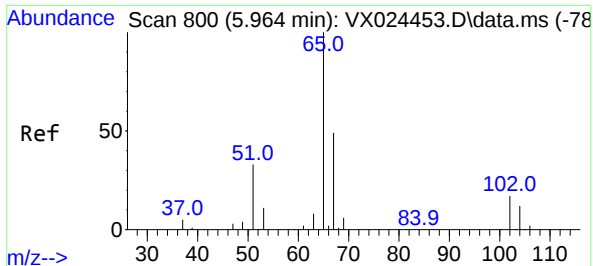
Ion Ratio Lower Upper

56 100

69 165.4 25.3 37.9#

84 148.4 71.4 107.0#



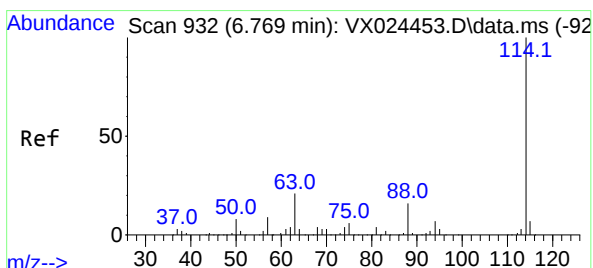
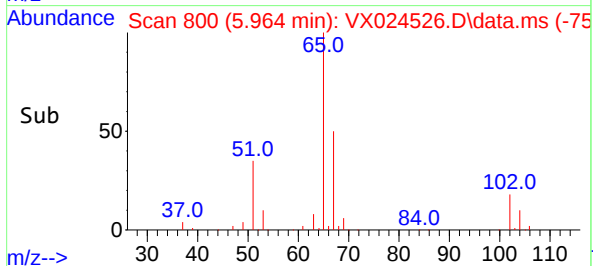
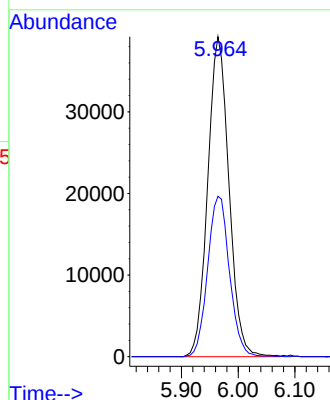
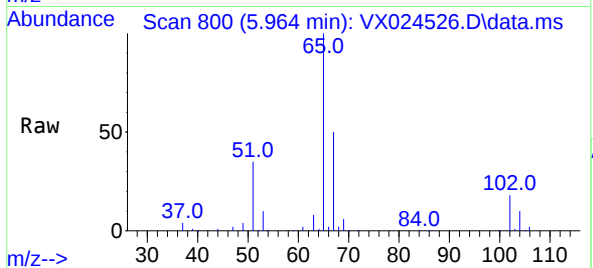


#33

1,2-Dichloroethane-d4
Concen: 47.623 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

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

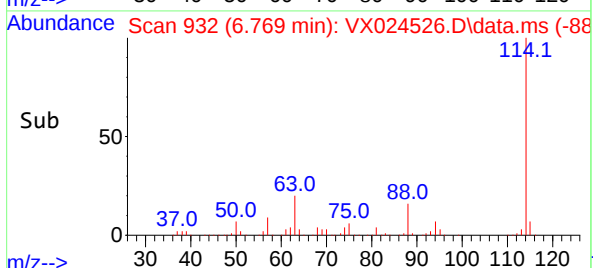
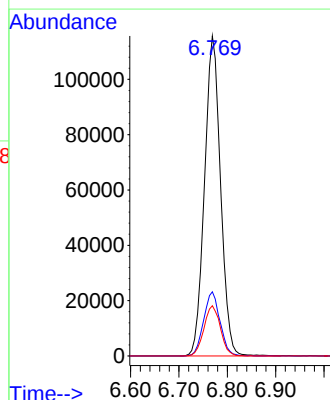
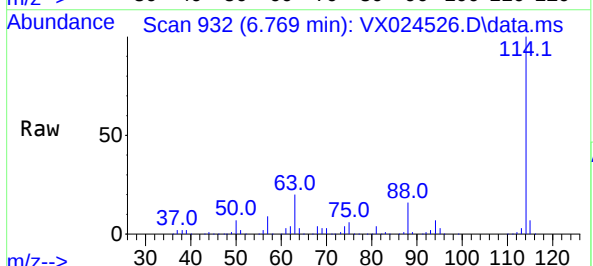
Tgt Ion: 65 Resp: 101851
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

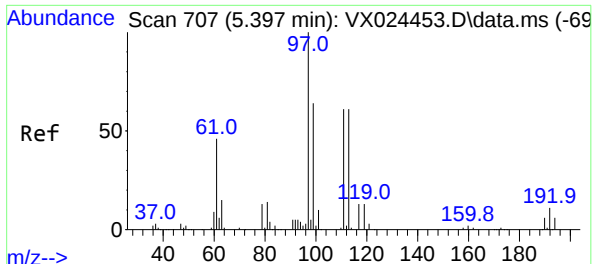


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

Tgt Ion: 114 Resp: 266466
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.620 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024526.D

Acq: 04 Oct 2021 17:32

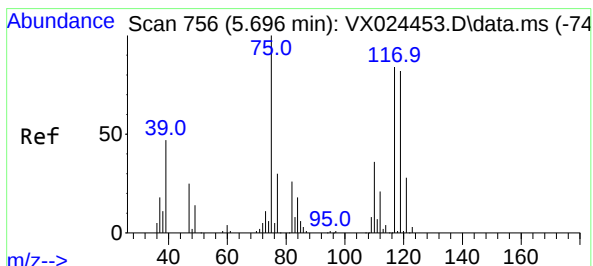
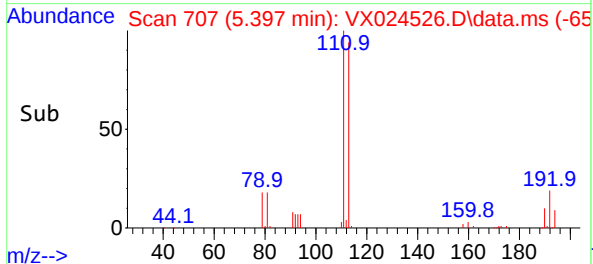
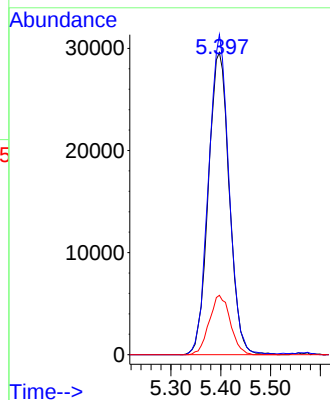
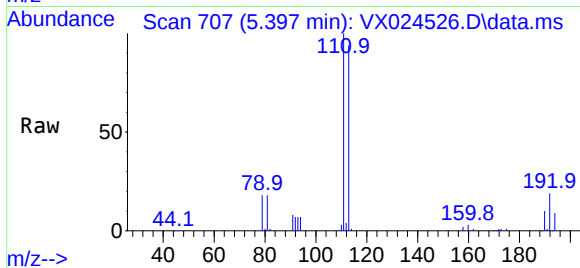
Tgt Ion:113 Resp: 86067

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

192 19.8 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.660 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX024526.D

Acq: 04 Oct 2021 17:32

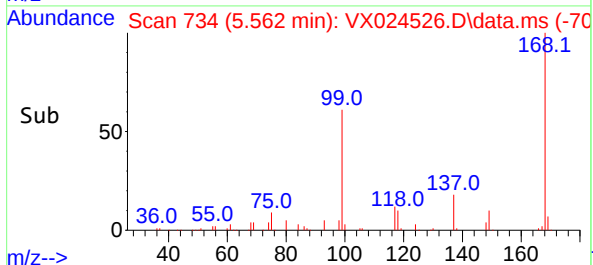
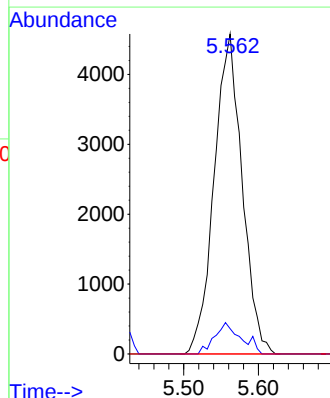
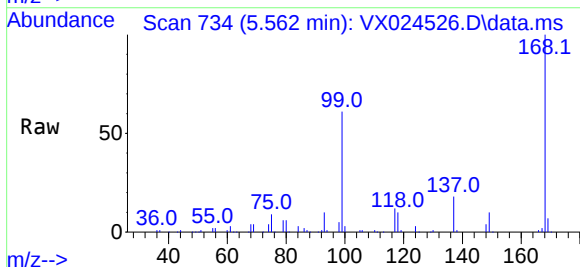
Tgt Ion: 75 Resp: 11904

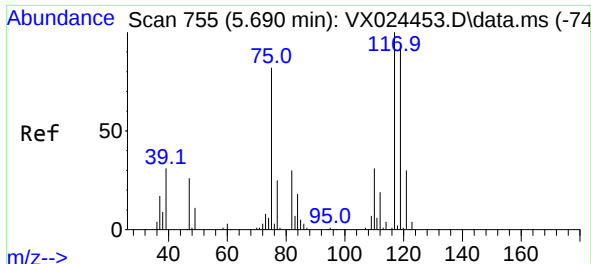
Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.4#

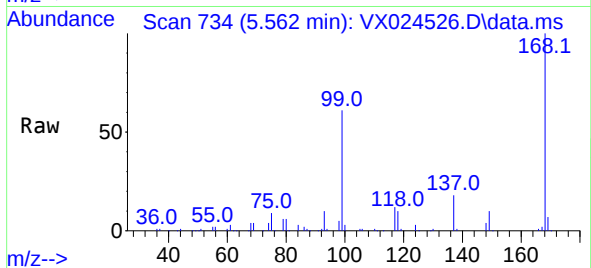
77 0.0 25.3 37.9#



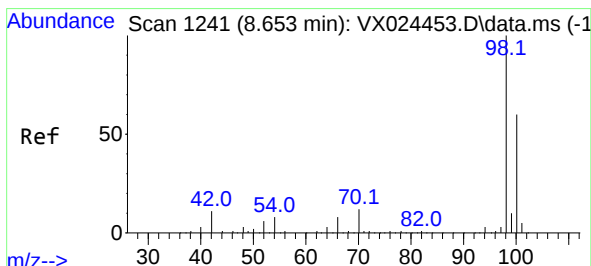
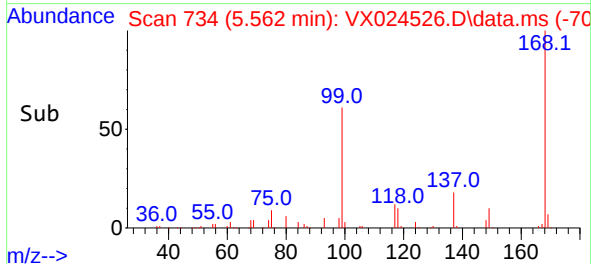
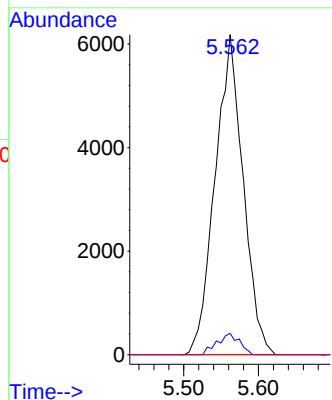


#38
Carbon Tetrachloride
Concen: 5.798 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

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

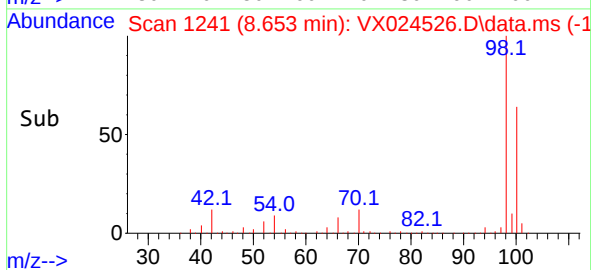
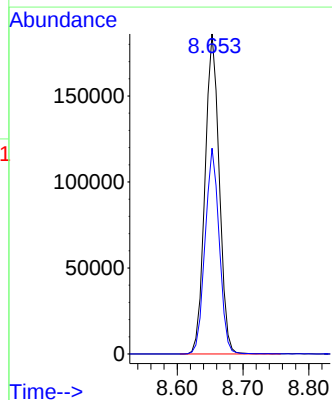
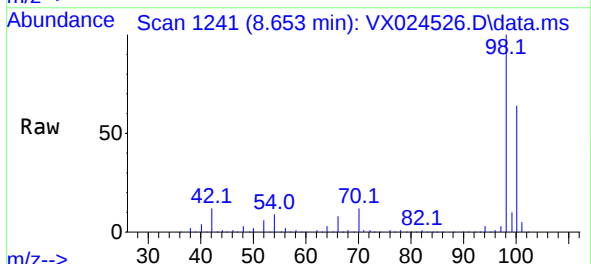


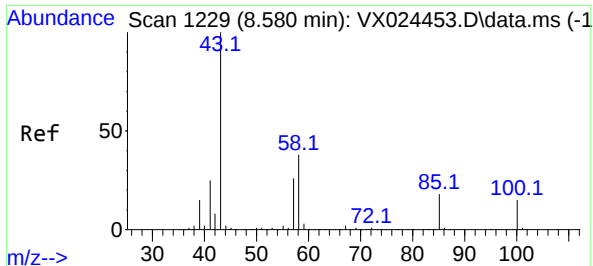
Tgt Ion:117 Resp: 16122
Ion Ratio Lower Upper
117 100
119 6.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 43.010 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

Tgt Ion: 98 Resp: 280222
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

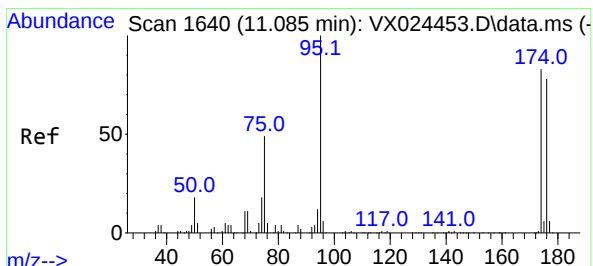
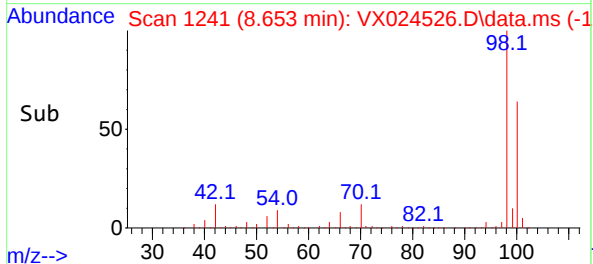
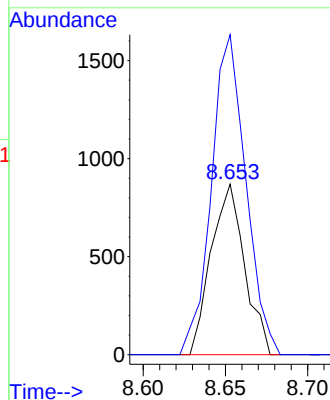
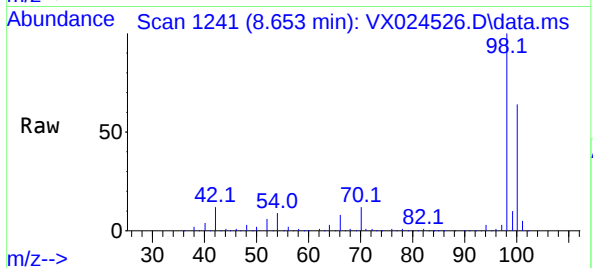




#51
4-Methyl-2-Pentanone
Concen: 0.385 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

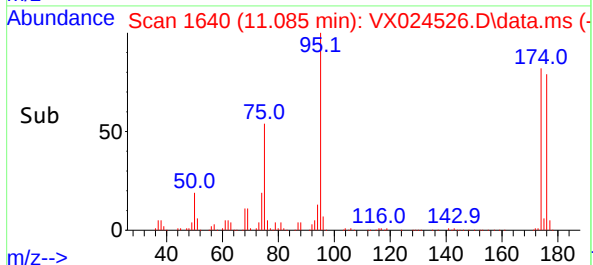
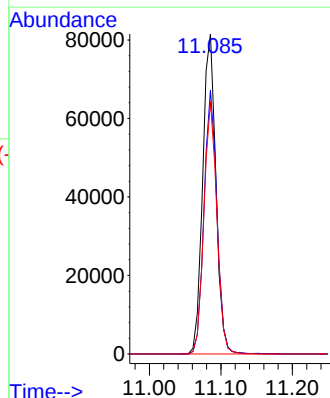
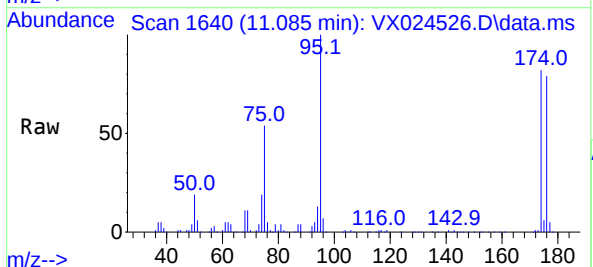
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

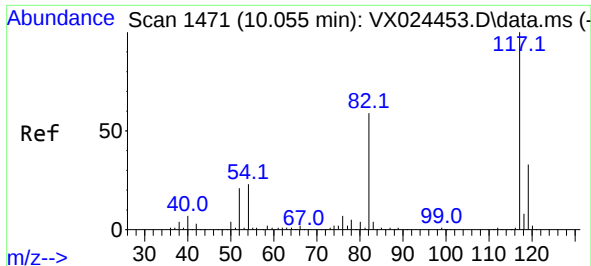
Tgt Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
58 193.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 40.828 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

Tgt Ion: 95 Resp: 104588
Ion Ratio Lower Upper
95 100
174 80.9 0.0 154.6
176 77.3 0.0 155.8

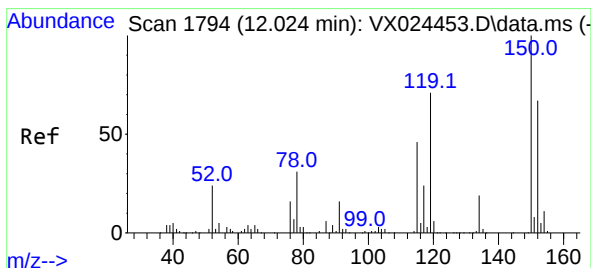
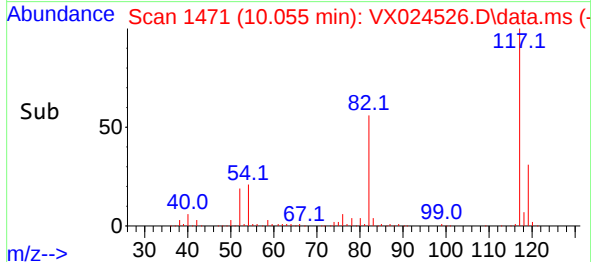
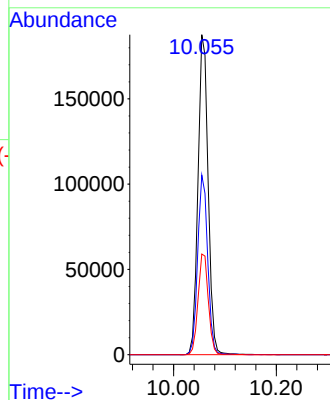
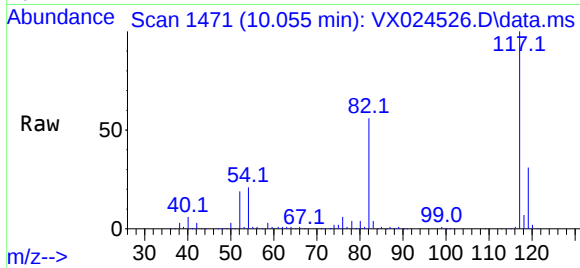




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

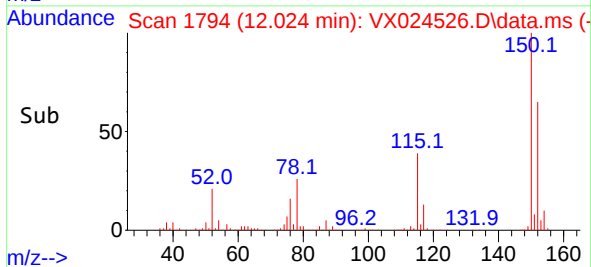
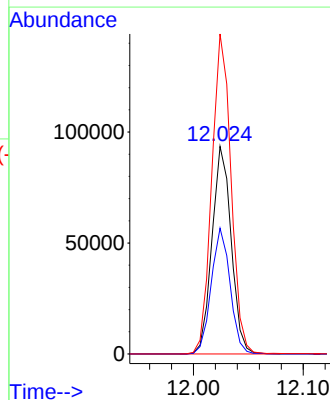
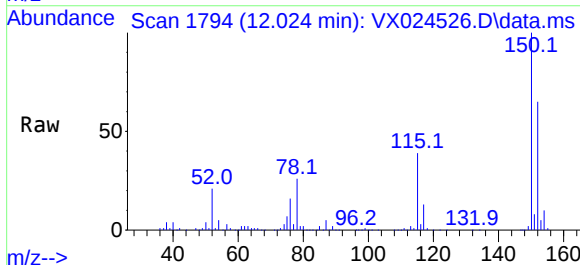
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

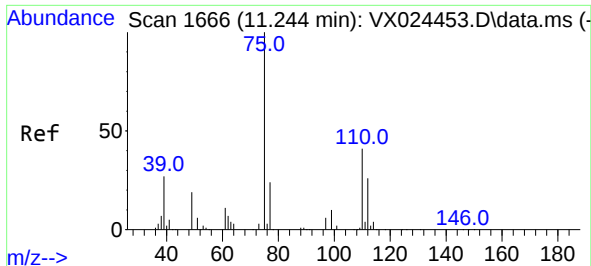
Tgt Ion:117 Resp: 257006
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

Tgt Ion:152 Resp: 113829
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 154.9 0.0 349.0

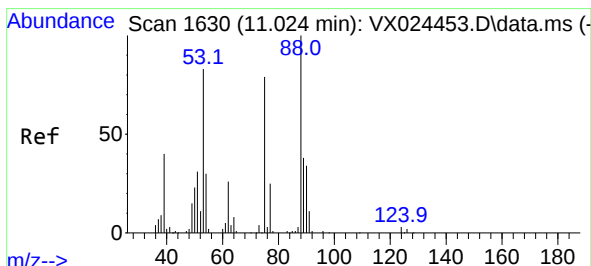
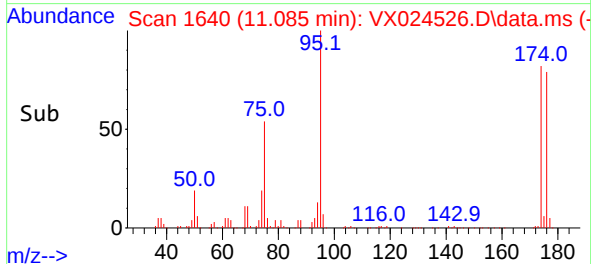
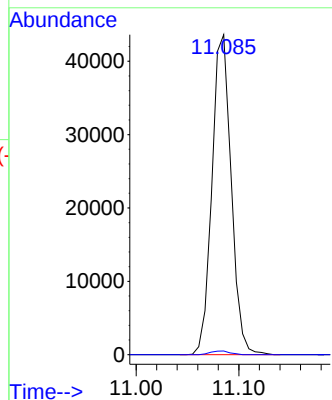
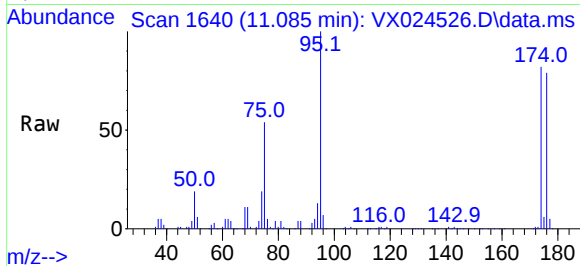




#76
1,2,3-Trichloropropane
Concen: 21.903 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

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

Tgt Ion: 75 Resp: 56620
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.969 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024526.D
Acq: 04 Oct 2021 17:32

Tgt Ion: 75 Resp: 56620
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

