

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024107.D
 Acq On : 03 Sep 2021 17:03
 Operator : JC/MD
 Sample : M3653-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Sep 04 01:31:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

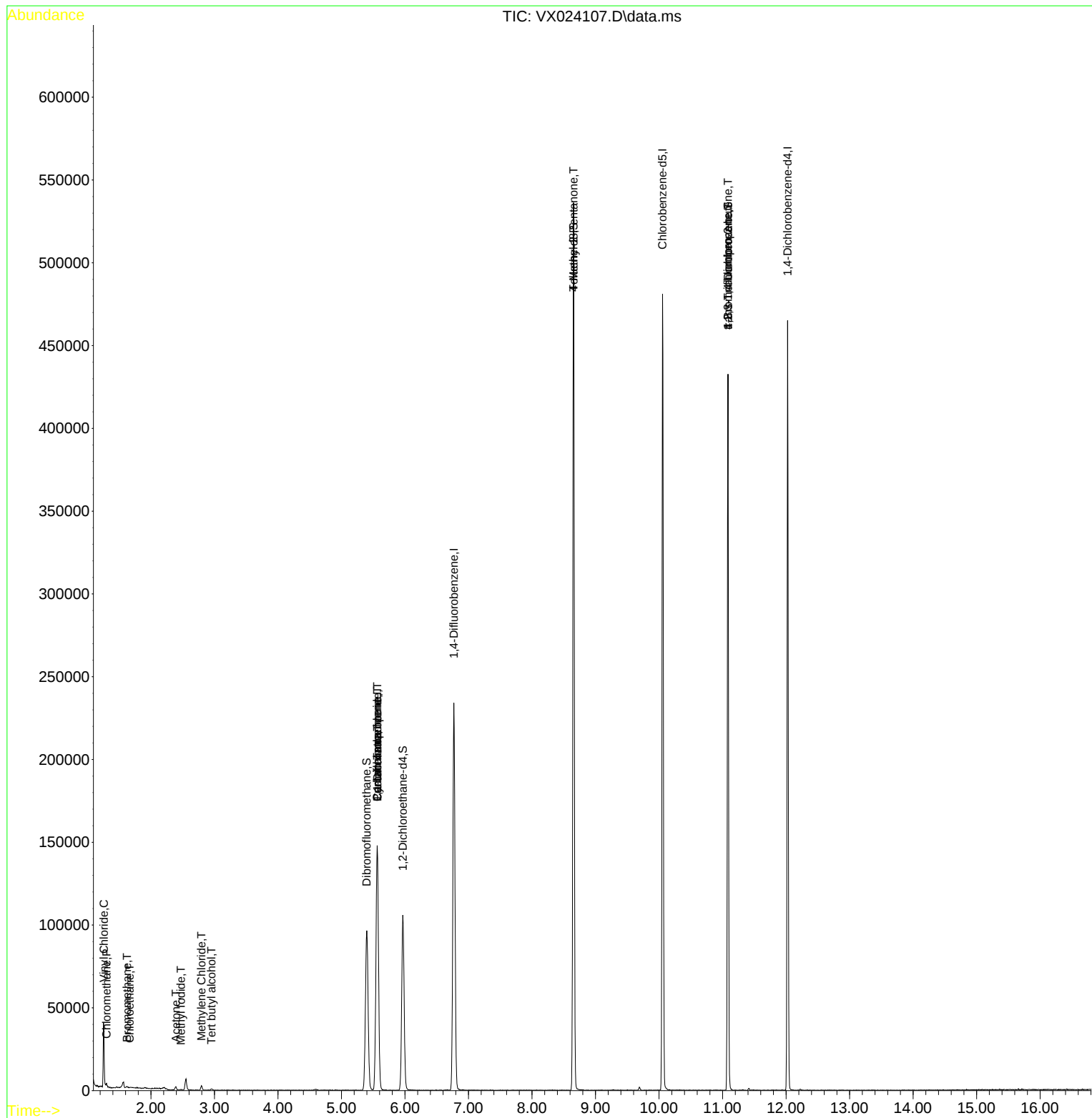
Internal Standards						
1) Pentafluorobenzene	5.562	168	137974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105321	54.693	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.380%	
35) Dibromofluoromethane	5.397	113	82606	54.531	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.060%	
50) Toluene-d8	8.653	98	298598	51.789	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.580%	
62) 4-Bromofluorobenzene	11.085	95	105721	49.810	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.620%	
Target Compounds						Qvalue
3) Chloromethane	1.300	50	1104	0.691	ug/l	94
4) Vinyl Chloride	1.258	62	336	0.216	ug/l #	1
5) Bromomethane	1.624	94	574	0.586	ug/l	91
6) Chloroethane	1.666	64	282	2.424	ug/l #	43
10) Methyl Iodide	2.471	142	535	0.277	ug/l #	70
11) Tert butyl alcohol	2.953	59	498	1.279	ug/l #	73
16) Acetone	2.392	43	2022	2.348	ug/l	95
20) Methylene Chloride	2.794	84	1102	0.670	ug/l #	90
31) Cyclohexane	5.562	56	2978	1.204	ug/l #	18
36) 1,1-Dichloropropene	5.562	75	10759	5.076	ug/l #	51
38) Carbon Tetrachloride	5.562	117	13887	6.283	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1474	0.560	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	58960	27.948	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58960	82.209	ug/l #	12

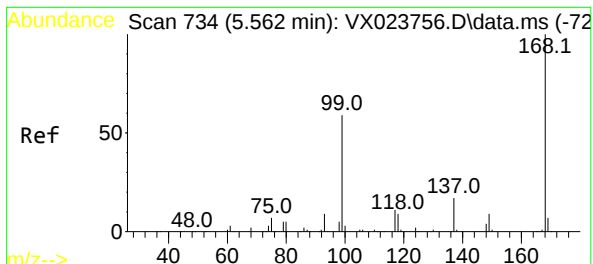
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.000 min

Lab File: VX024107.D

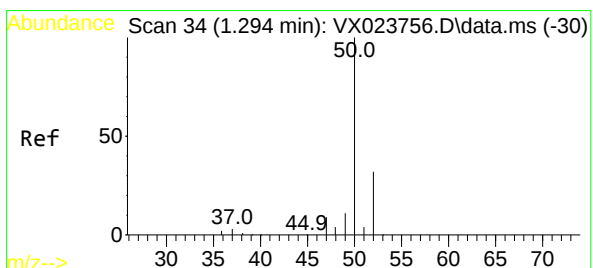
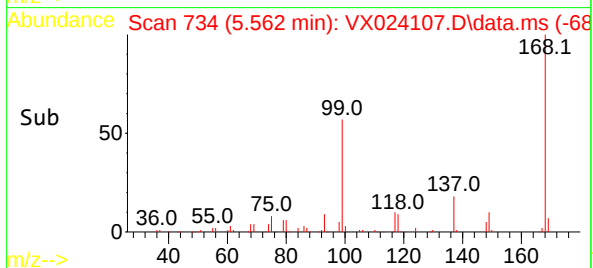
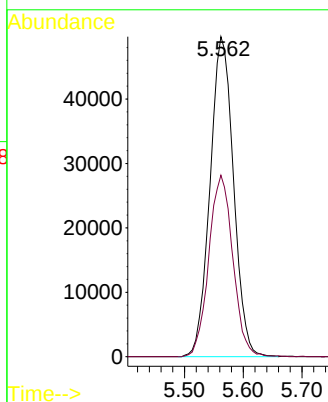
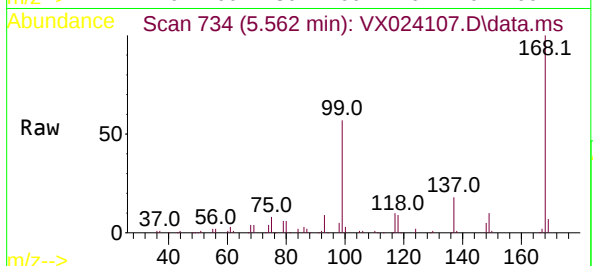
Acq: 03 Sep 2021 17:03

Tgt Ion:168 Resp: 137974

Ion Ratio Lower Upper

168 100

99 56.7 45.8 68.6



#3

Chloromethane

Concen: 0.691 ug/l

RT: 1.300 min Scan# 35

Delta R.T. 0.006 min

Lab File: VX024107.D

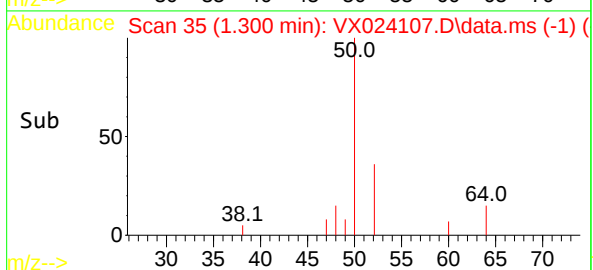
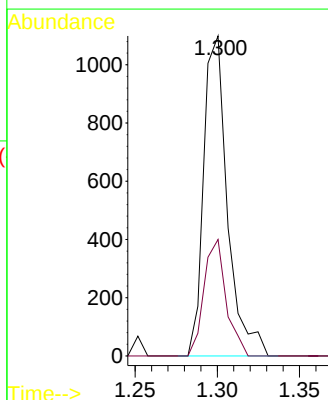
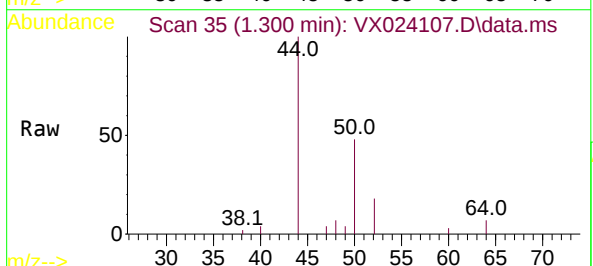
Acq: 03 Sep 2021 17:03

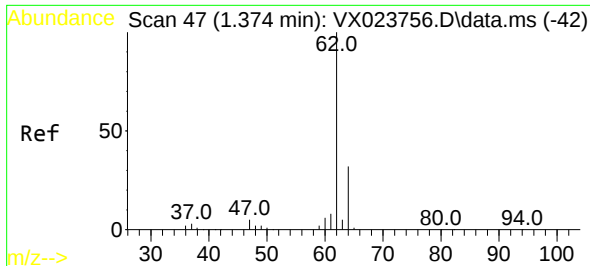
Tgt Ion: 50 Resp: 1104

Ion Ratio Lower Upper

50 100

52 36.4 26.4 39.6

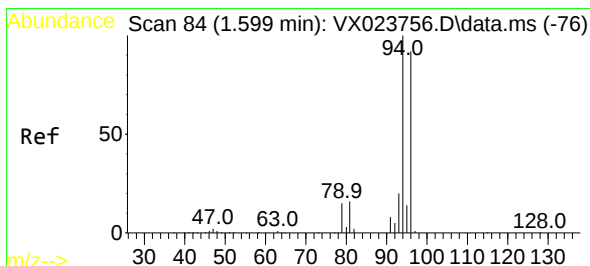
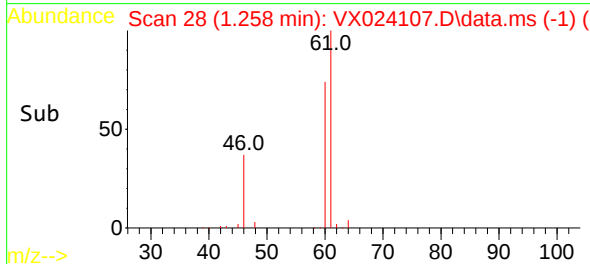
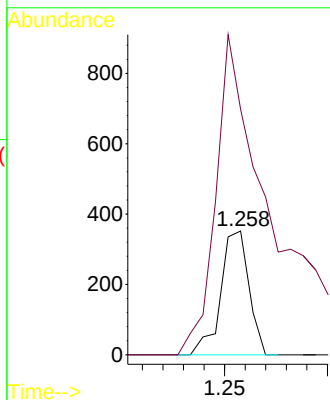
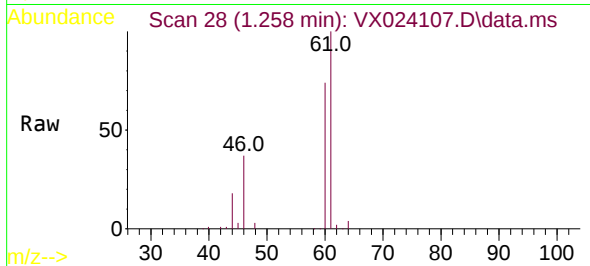




#4
 Vinyl Chloride
 Concen: 0.216 ug/l
 RT: 1.258 min Scan# 28
 Delta R.T. -0.116 min
 Lab File: VX024107.D
 Acq: 03 Sep 2021 17:03

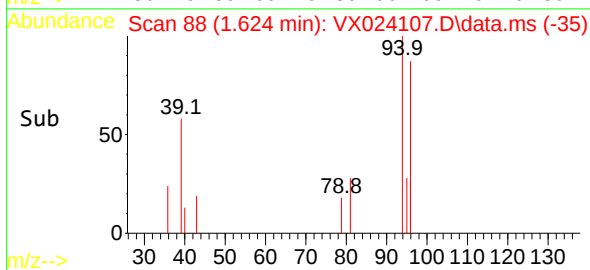
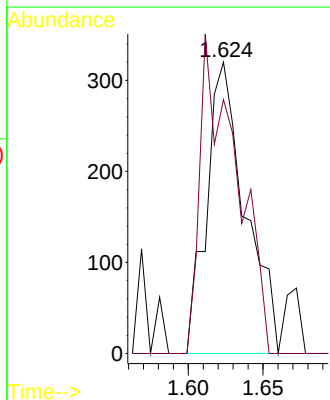
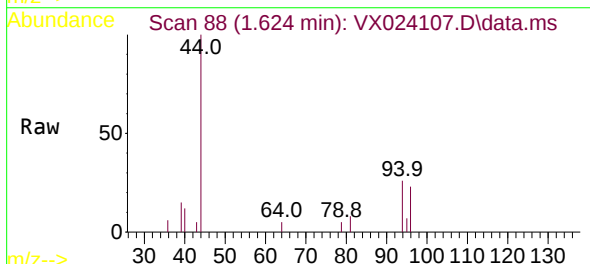
Instrument :
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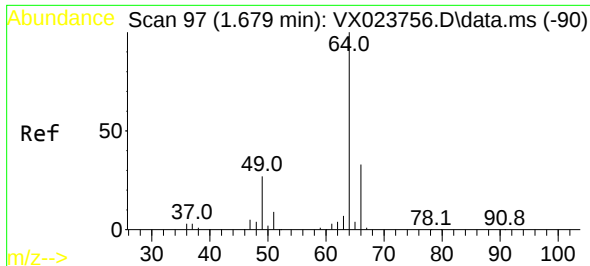
Tgt Ion: 62 Resp: 336
 Ion Ratio Lower Upper
 62 100
 64 198.3 25.7 38.5#



#5
 Bromomethane
 Concen: 0.586 ug/l
 RT: 1.624 min Scan# 88
 Delta R.T. 0.025 min
 Lab File: VX024107.D
 Acq: 03 Sep 2021 17:03

Tgt Ion: 94 Resp: 574
 Ion Ratio Lower Upper
 94 100
 96 87.2 76.4 114.6

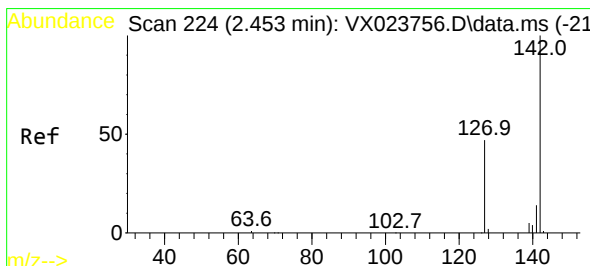
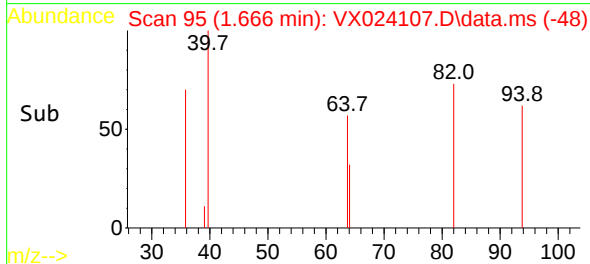
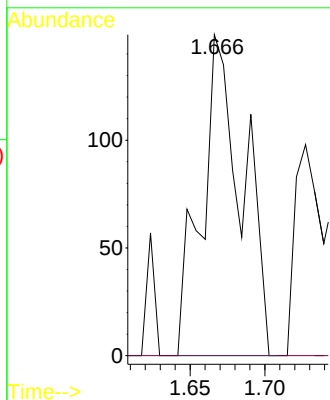
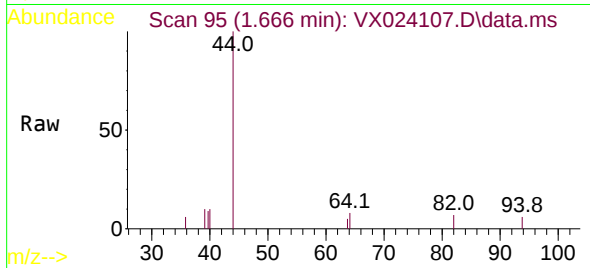




#6
Chloroethane
Concen: 2.424 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

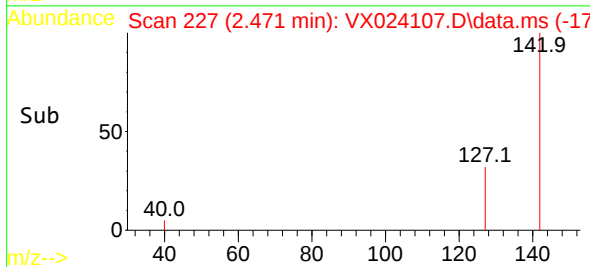
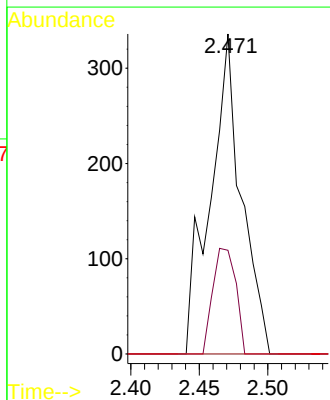
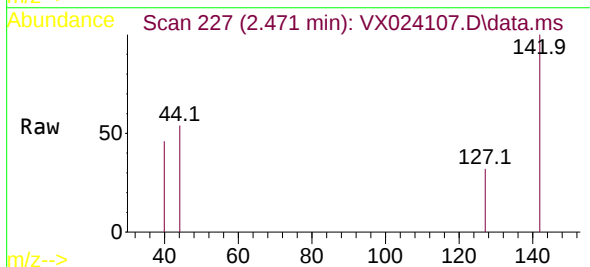
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

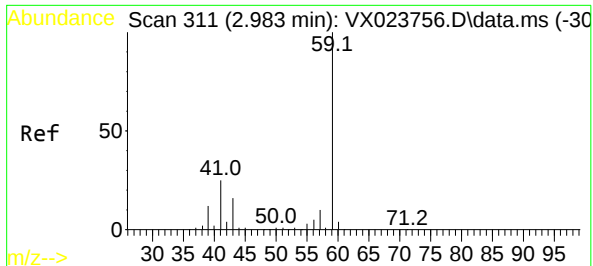
Tgt Ion: 64 Resp: 282
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.277 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

Tgt Ion: 142 Resp: 535
Ion Ratio Lower Upper
142 100
127 24.1 33.3 49.9#
141 0.0 11.4 17.0#



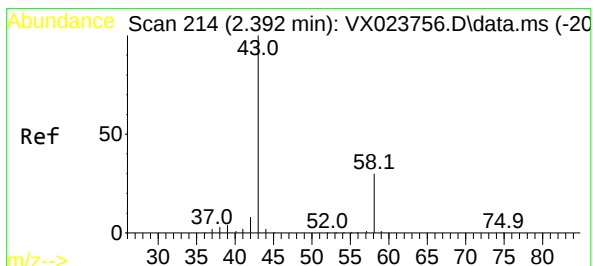
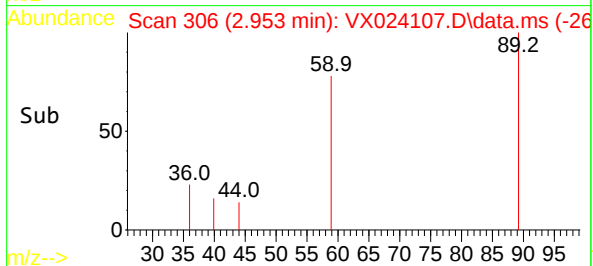
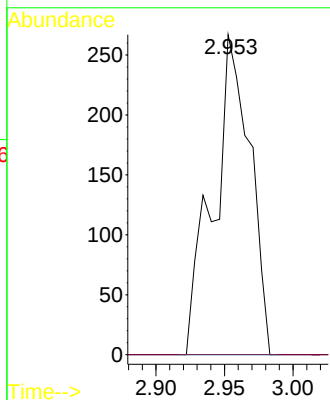
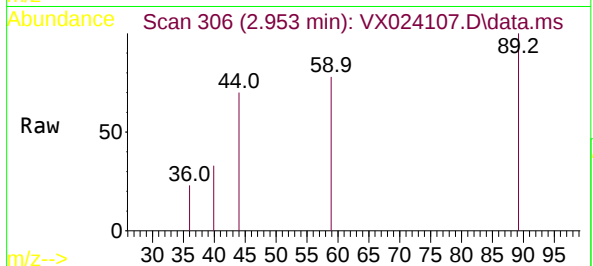


#11

Tert butyl alcohol
Concen: 1.279 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

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

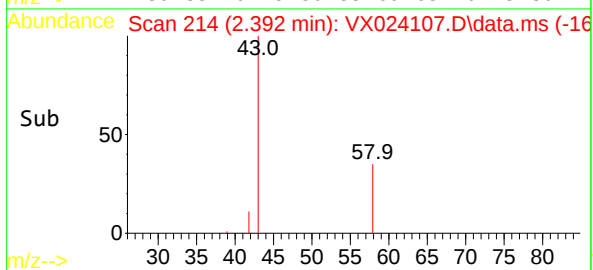
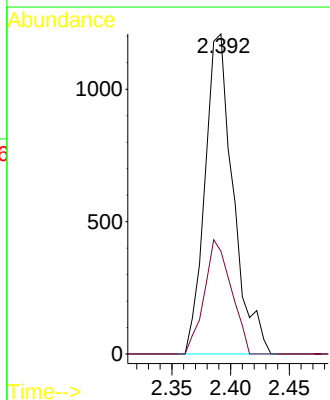
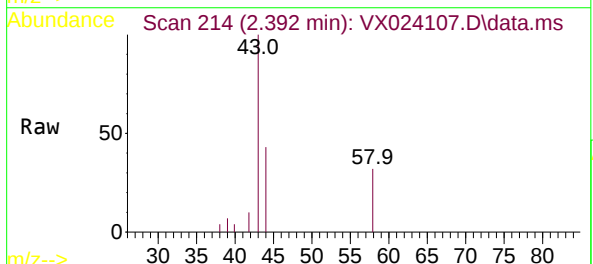
Tgt Ion: 59 Resp: 498
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

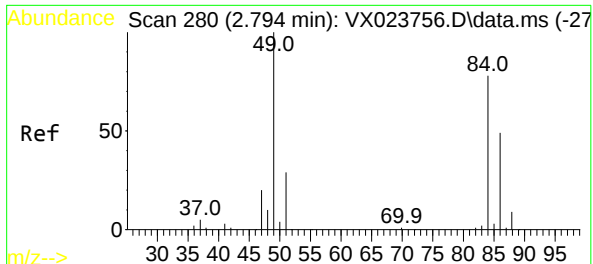


#16

Acetone
Concen: 2.348 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

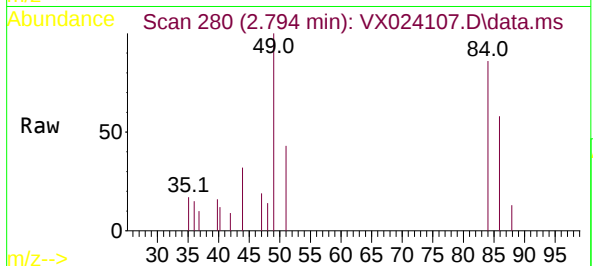
Tgt Ion: 43 Resp: 2022
Ion Ratio Lower Upper
43 100
58 32.1 27.8 41.8



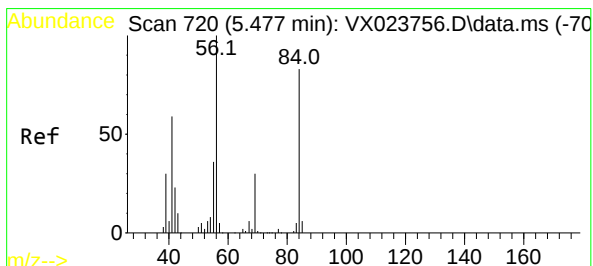
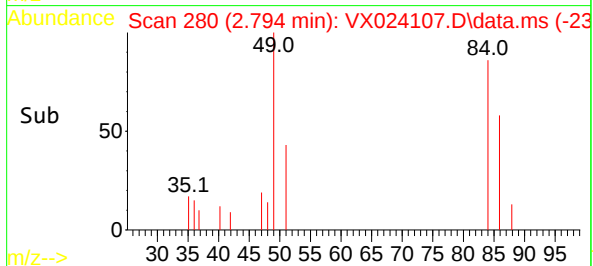
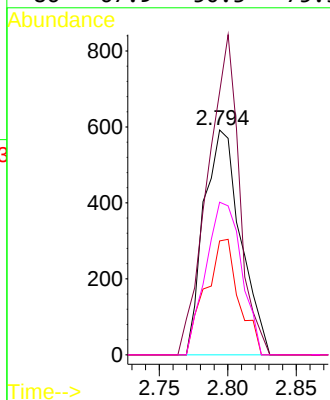


#20
Methylene Chloride
Concen: 0.670 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

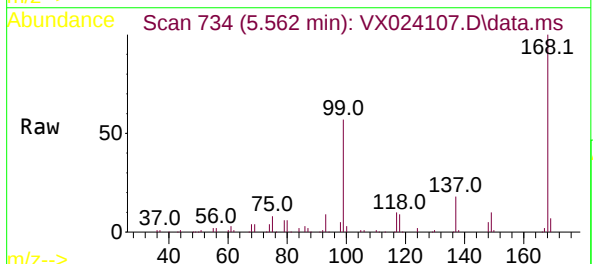
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



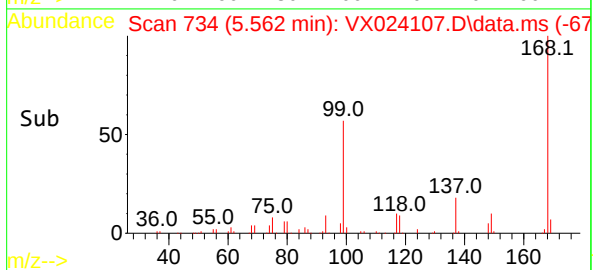
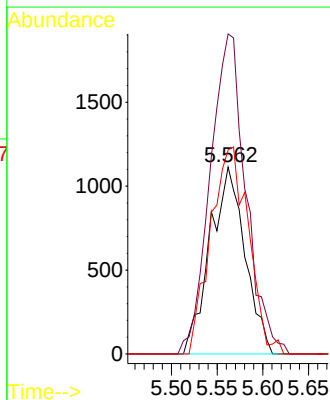
Tgt Ion: 84	Resp: 1102
Ion Ratio	Lower Upper
84 100	
49 116.9	88.6 132.8
51 50.7	27.0 40.6#
86 67.9	50.3 75.5

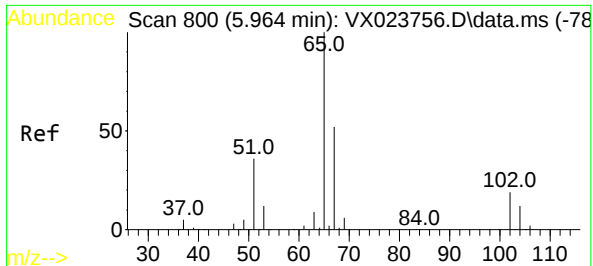


#31
Cyclohexane
Concen: 1.204 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03



Tgt Ion: 56	Resp: 2978
Ion Ratio	Lower Upper
56 100	
69 171.2	25.3 37.9#
84 109.2	71.4 107.0#



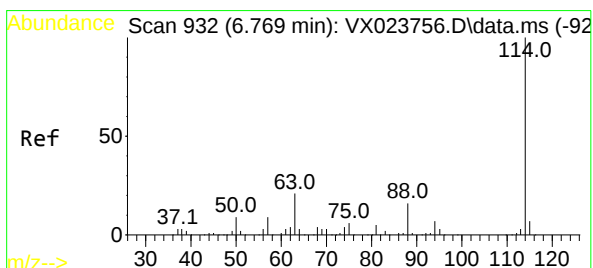
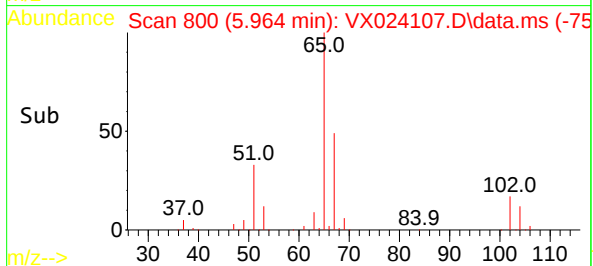
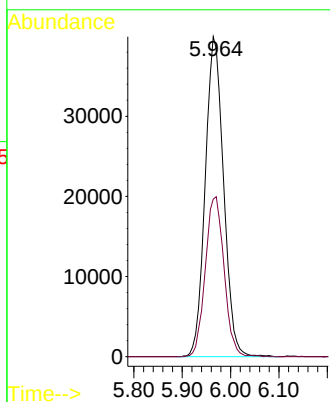
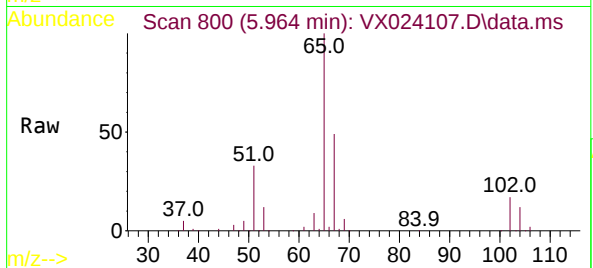


#33

1,2-Dichloroethane-d4
Concen: 54.693 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

Instrument :
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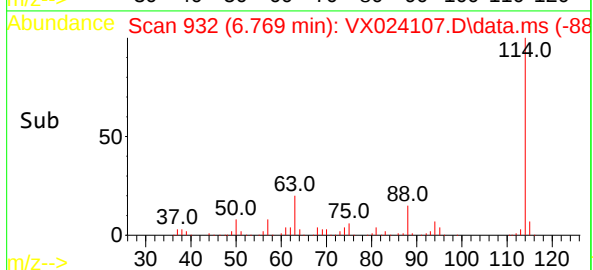
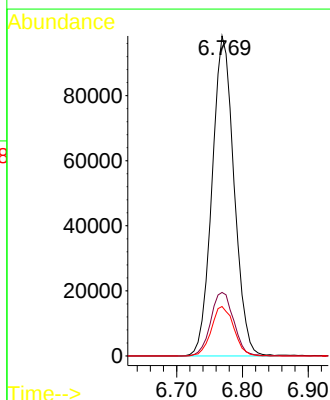
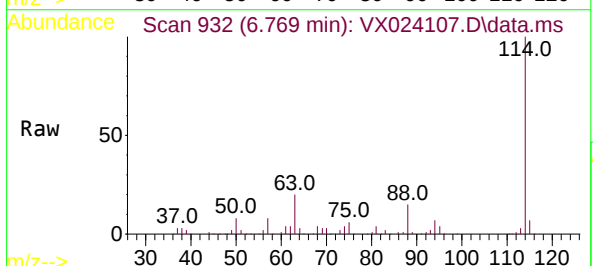
Tgt Ion: 65 Resp: 105321
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

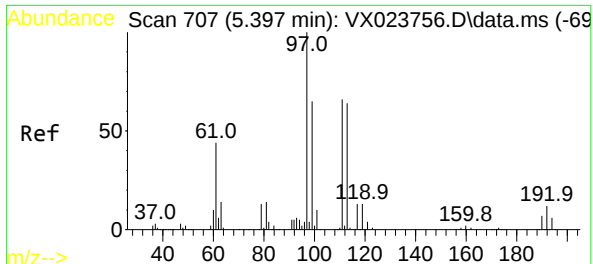


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

Tgt Ion: 114 Resp: 228873
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.5 0.0 32.8

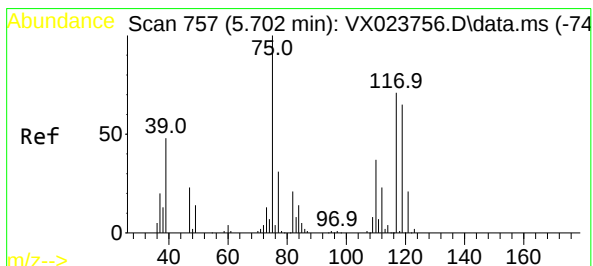
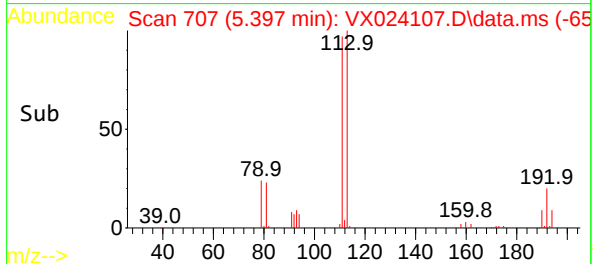
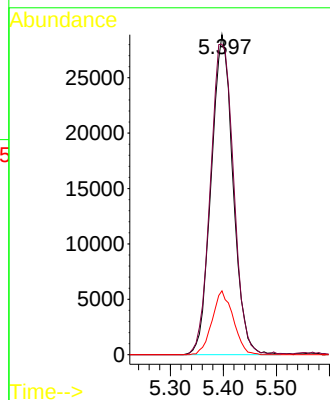
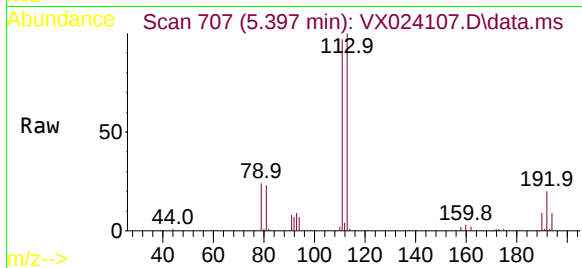




#35
Dibromofluoromethane
Concen: 54.531 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

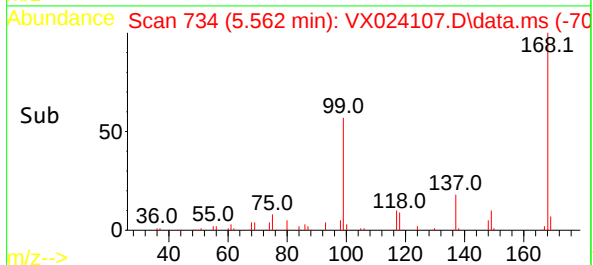
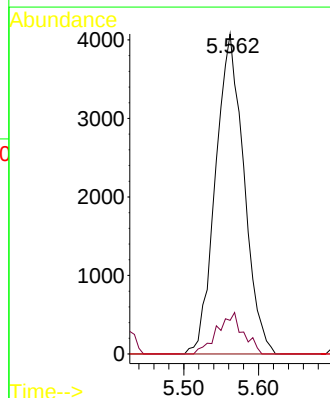
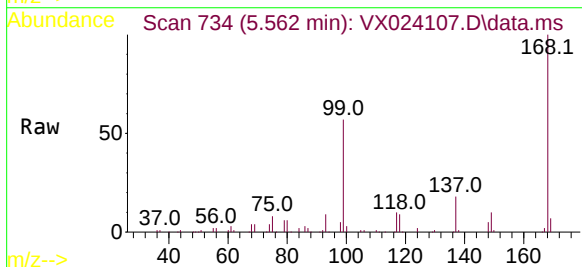
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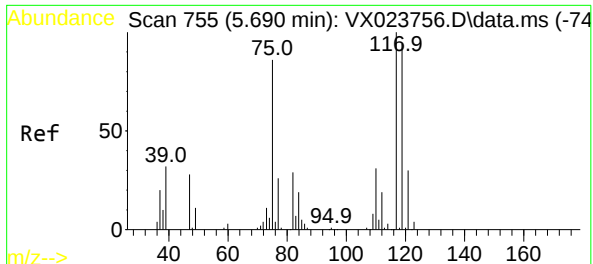
Tgt Ion:113 Resp: 82606
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.076 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

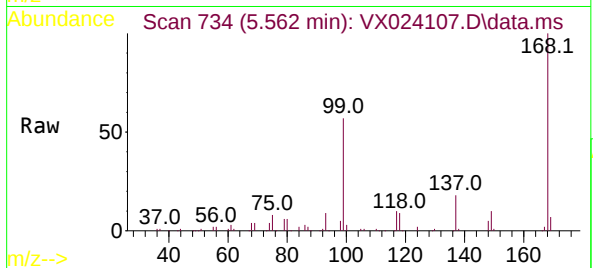
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Ion Ratio Lower Upper
75 100
110 11.8 18.1 54.4#
77 0.0 25.3 37.9#



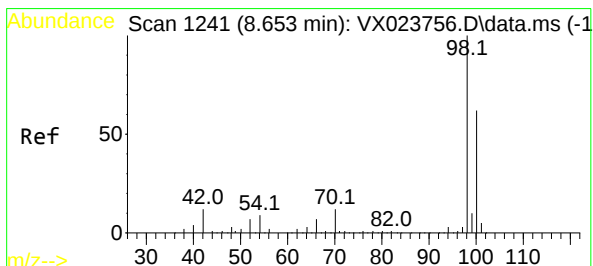
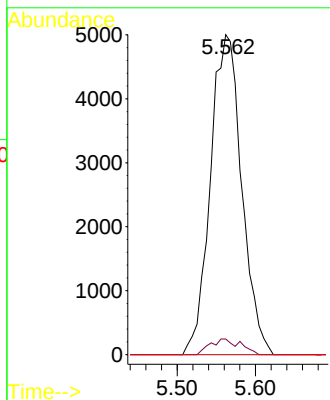
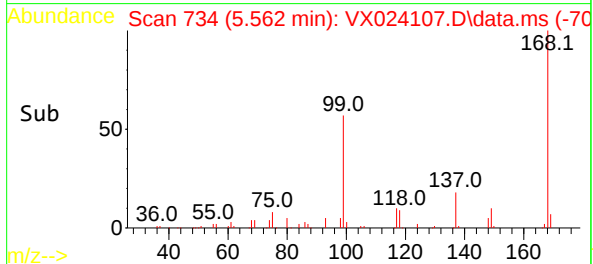


#38
Carbon Tetrachloride
Concen: 6.283 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

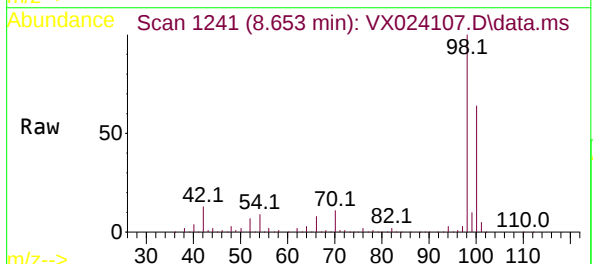
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



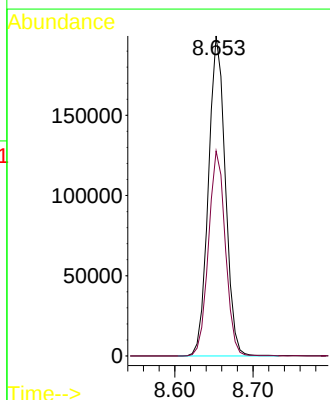
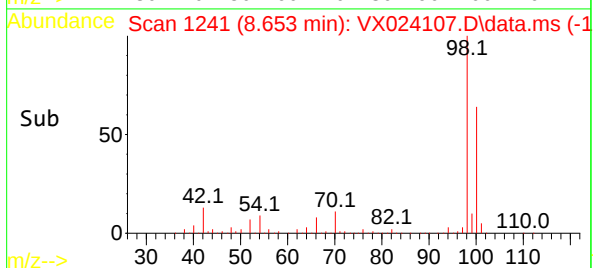
Tgt Ion:117 Resp: 13887
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#

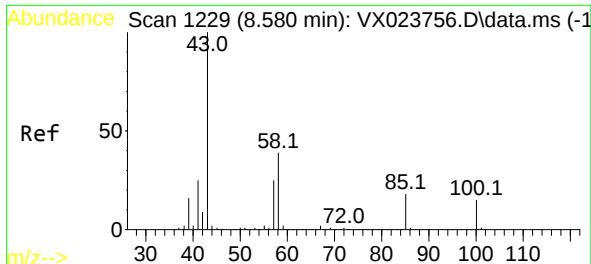


#50
Toluene-d8
Concen: 51.789 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03



Tgt Ion: 98 Resp: 298598
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

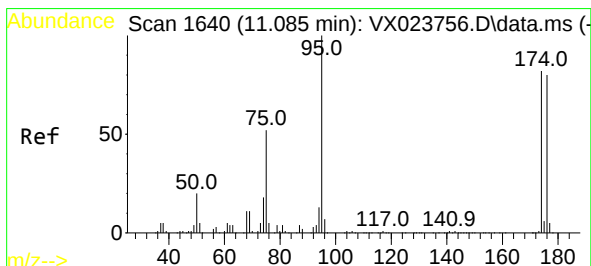
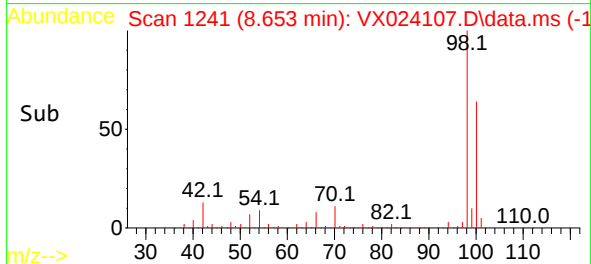
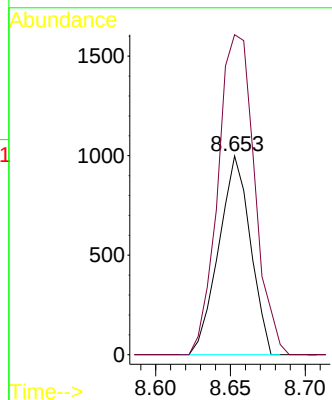
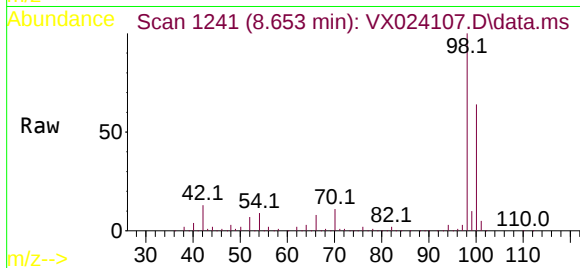




#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

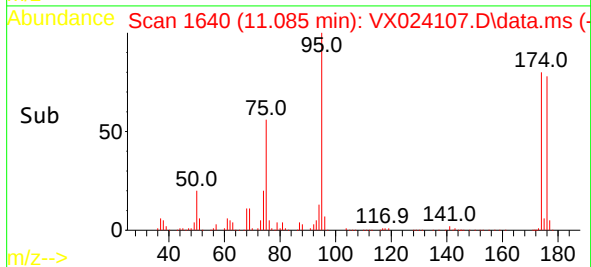
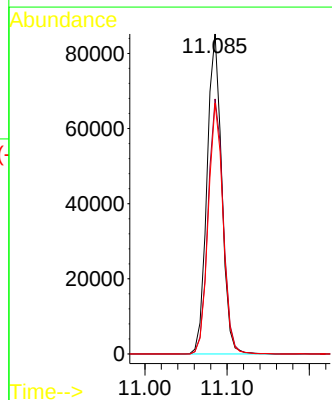
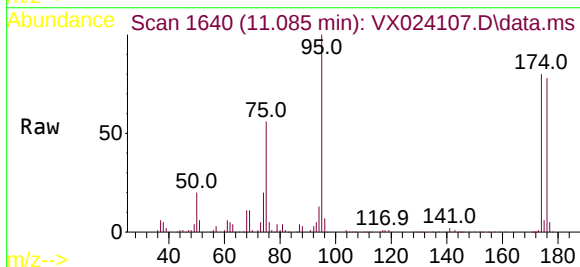
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

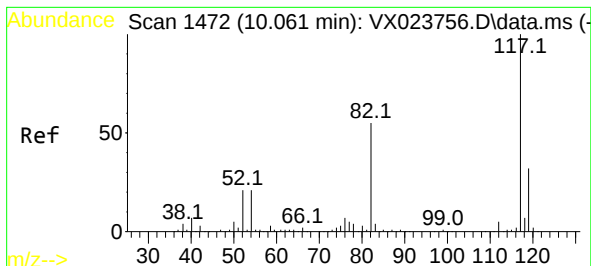
Tgt Ion: 43 Resp: 1474
Ion Ratio Lower Upper
43 100
58 185.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 49.810 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

Tgt Ion: 95 Resp: 105721
Ion Ratio Lower Upper
95 100
174 82.1 0.0 154.6
176 78.7 0.0 155.8

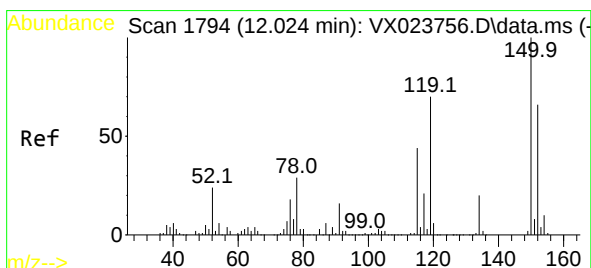
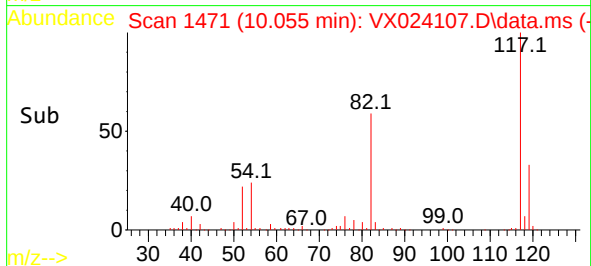
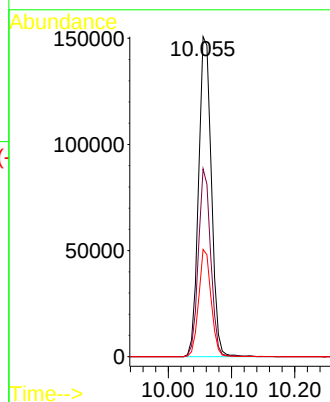
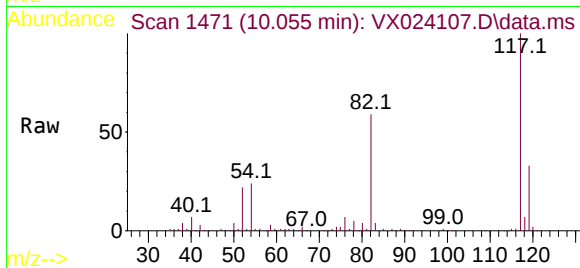




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

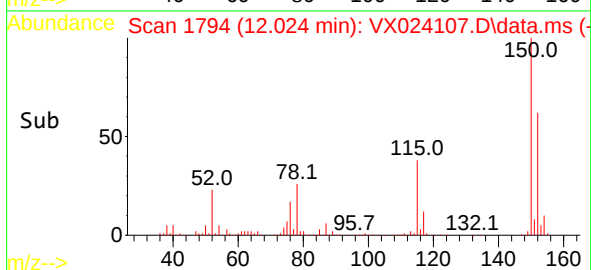
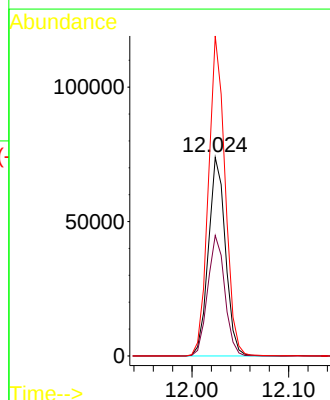
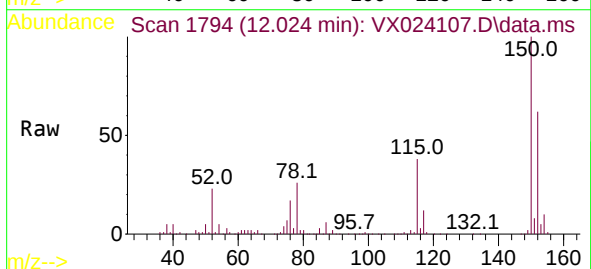
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

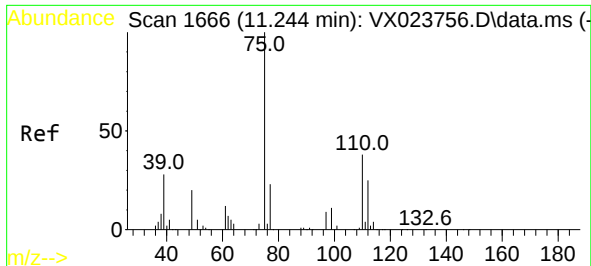
Tgt Ion:117 Resp: 212840
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 33.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

Tgt Ion:152 Resp: 90437
Ion Ratio Lower Upper
152 100
115 60.9 41.1 123.3
150 157.9 0.0 349.0

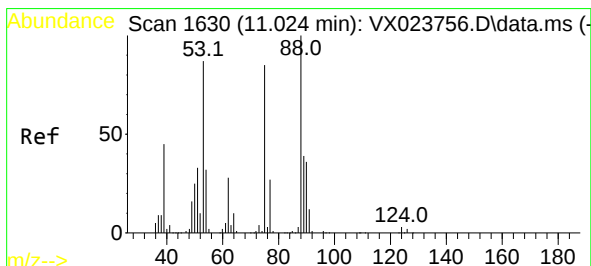
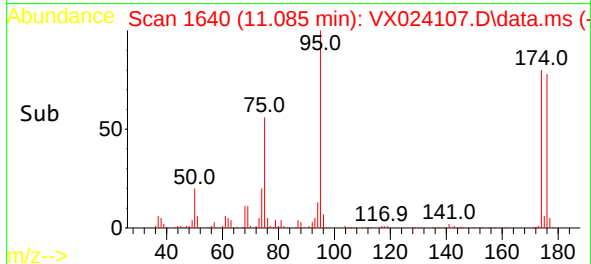
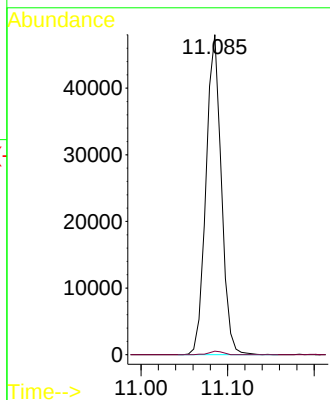
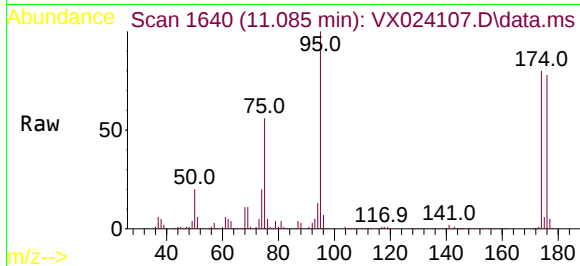




#76
1,2,3-Trichloropropane
Concen: 27.948 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

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

Tgt Ion: 75 Resp: 58960
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.209 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024107.D
Acq: 03 Sep 2021 17:03

Tgt Ion: 75 Resp: 58960
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

