

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024049.D
 Acq On : 31 Aug 2021 17:11
 Operator : JC/MD
 Sample : M3581-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Sep 01 05:04:44 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)

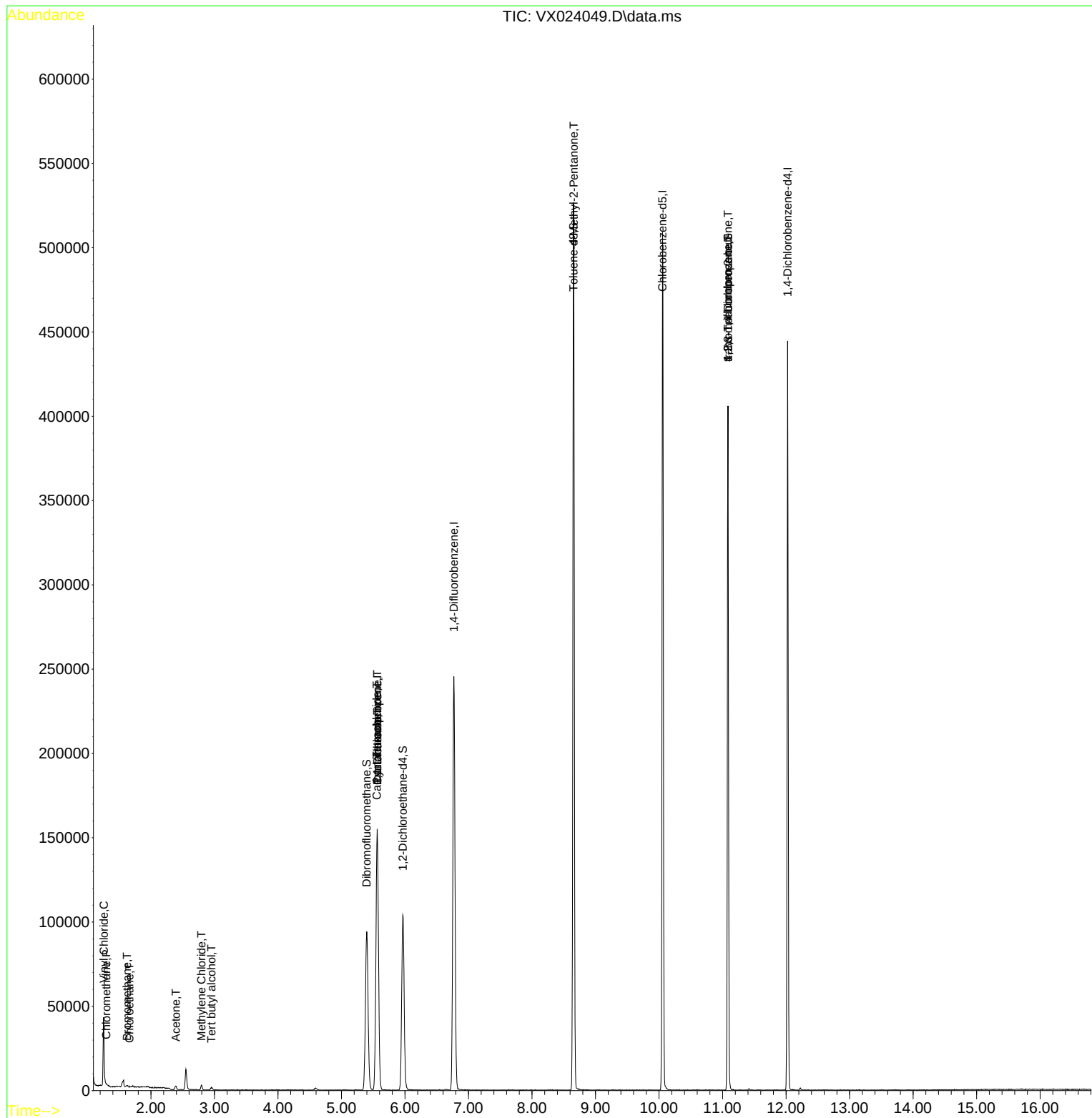
Internal Standards						
1) Pentafluorobenzene	5.562	168	140806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105562	53.715	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.440%	
35) Dibromofluoromethane	5.397	113	79795	50.015	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.040%	
50) Toluene-d8	8.653	98	298934	49.230	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.460%	
62) 4-Bromofluorobenzene	11.085	95	100268	44.856	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	434	0.266	ug/l #	84
4) Vinyl Chloride	1.258	62	353	0.222	ug/l #	1
5) Bromomethane	1.624	94	383	0.383	ug/l #	74
6) Chloroethane	1.660	64	149	2.325	ug/l #	43
11) Tert butyl alcohol	2.953	59	949	2.388	ug/l #	73
16) Acetone	2.392	43	2665	3.033	ug/l #	85
20) Methylene Chloride	2.794	84	1101	0.656	ug/l #	82
31) Cyclohexane	5.562	56	3635	1.440	ug/l #	56
36) 1,1-Dichloropropene	5.562	75	11678	5.231	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15165	6.515	ug/l #	16
51) 4-Methyl-2-Pentanone	8.659	43	1441	0.519	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	54879	27.614	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54879	81.227	ug/l #	12

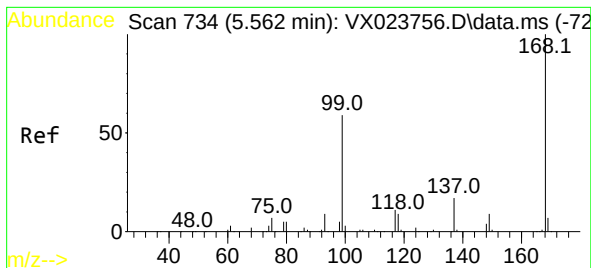
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX024049.D

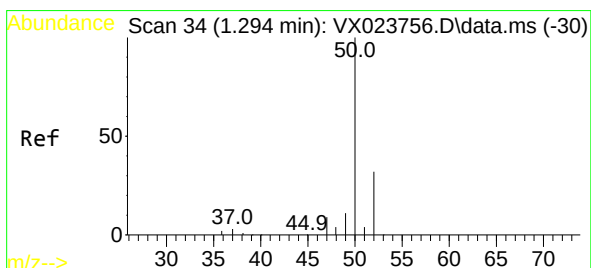
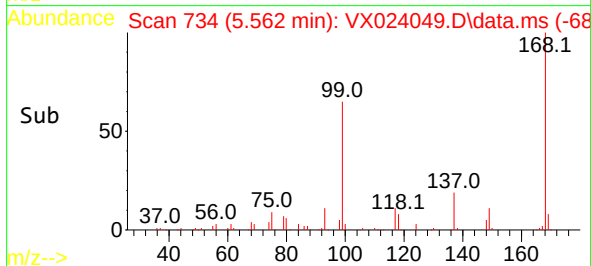
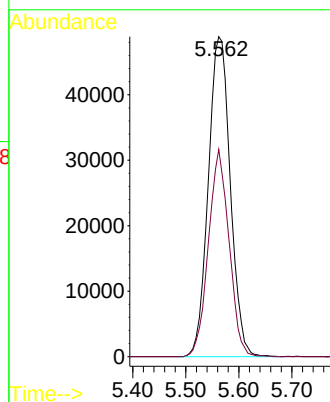
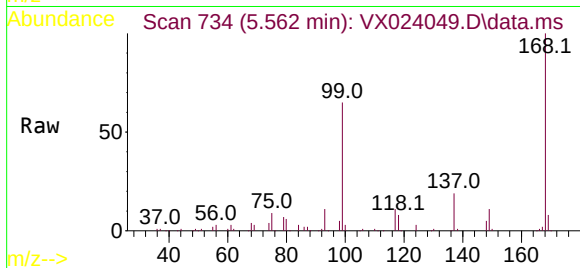
Acq: 31 Aug 2021 17:11

Tgt Ion:168 Resp: 140806

Ion Ratio Lower Upper

168 100

99 64.7 45.8 68.6



#3

Chloromethane

Concen: 0.266 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX024049.D

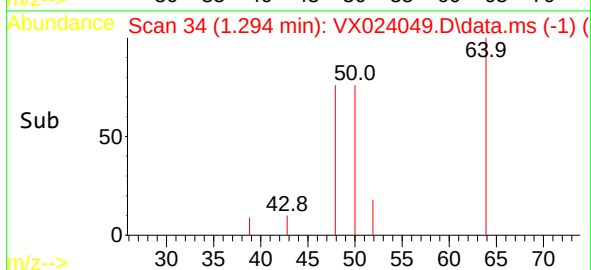
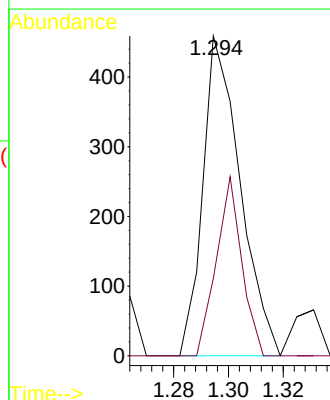
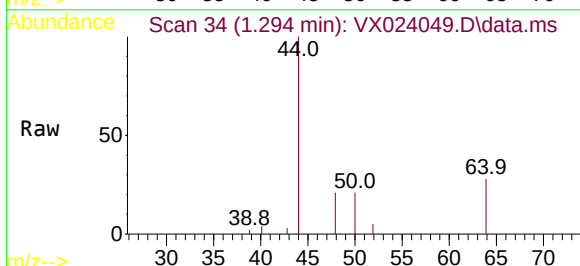
Acq: 31 Aug 2021 17:11

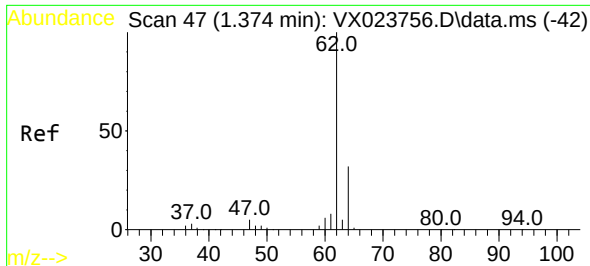
Tgt Ion: 50 Resp: 434

Ion Ratio Lower Upper

50 100

52 24.2 26.4 39.6#

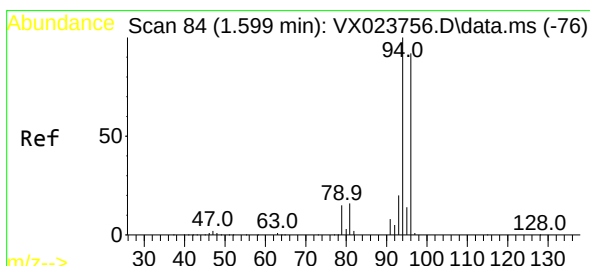
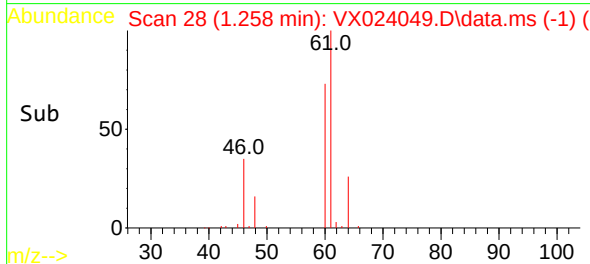
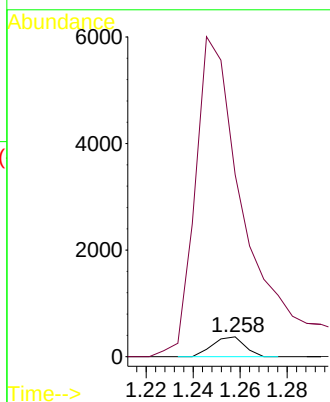
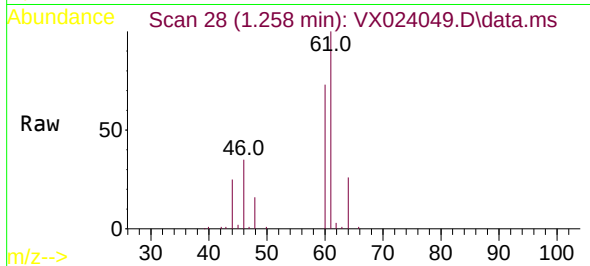




#4
 Vinyl Chloride
 Concen: 0.222 ug/l
 RT: 1.258 min Scan# 28
 Delta R.T. -0.116 min
 Lab File: VX024049.D
 Acq: 31 Aug 2021 17:11

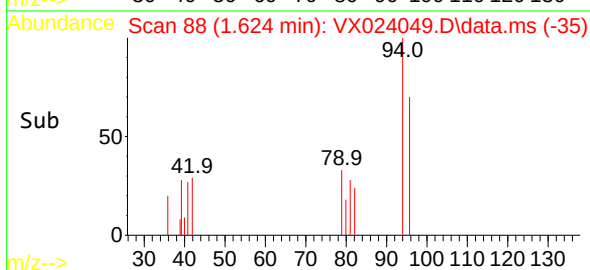
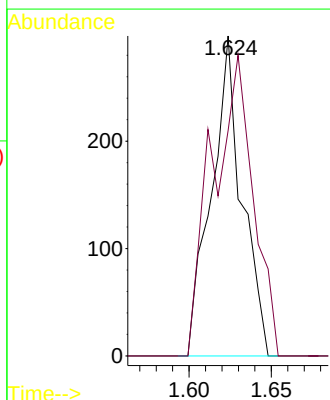
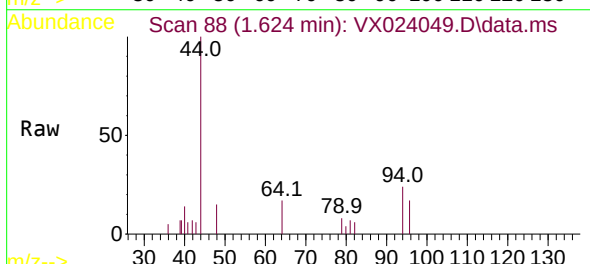
Instrument :
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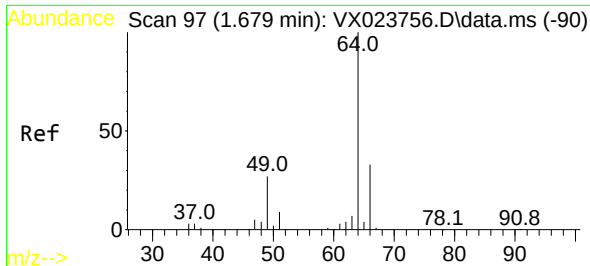
Tgt Ion: 62 Resp: 353
 Ion Ratio Lower Upper
 62 100
 64 848.0 25.7 38.5#



#5
 Bromomethane
 Concen: 0.383 ug/l
 RT: 1.624 min Scan# 88
 Delta R.T. 0.025 min
 Lab File: VX024049.D
 Acq: 31 Aug 2021 17:11

Tgt Ion: 94 Resp: 383
 Ion Ratio Lower Upper
 94 100
 96 70.5 76.4 114.6#

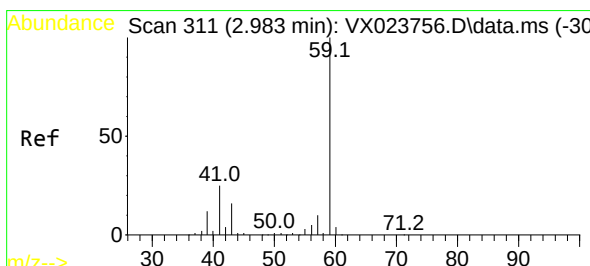
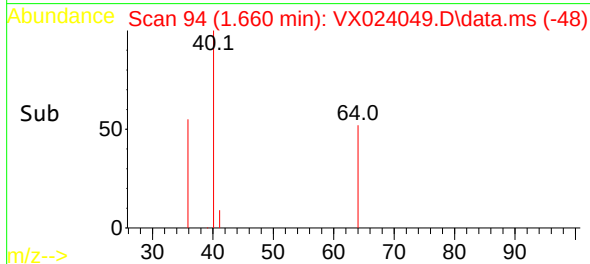
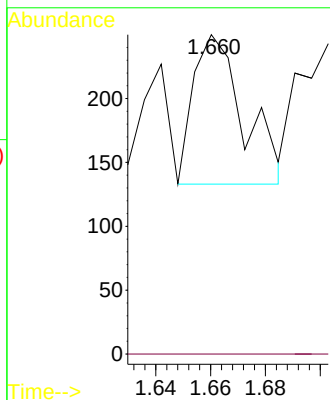
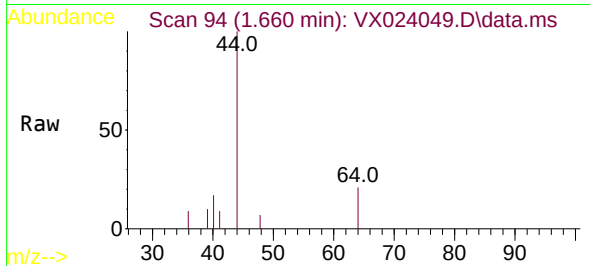




#6
Chloroethane
Concen: 2.325 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX024049.D
Acq: 31 Aug 2021 17:11

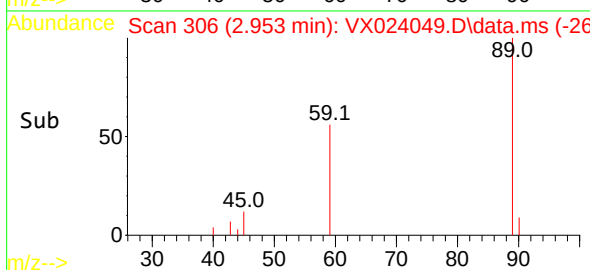
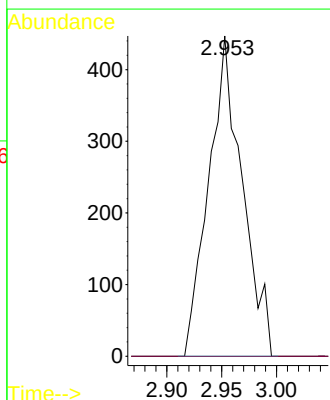
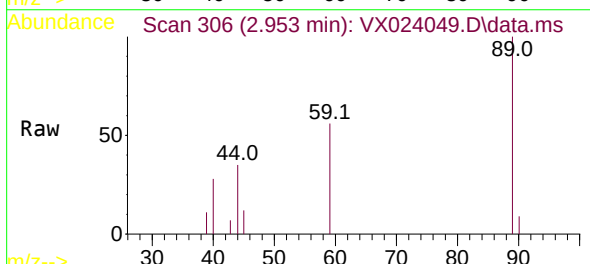
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

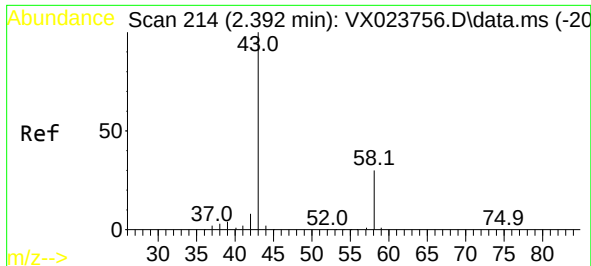
Tgt Ion: 64 Resp: 149
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 2.388 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024049.D
Acq: 31 Aug 2021 17:11

Tgt Ion: 59 Resp: 949
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

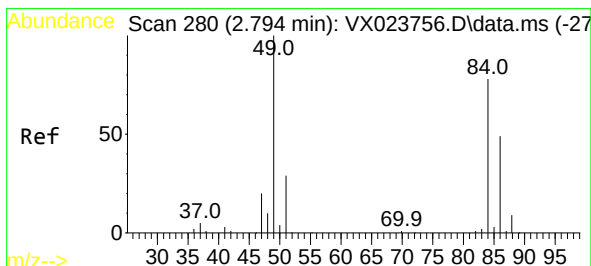
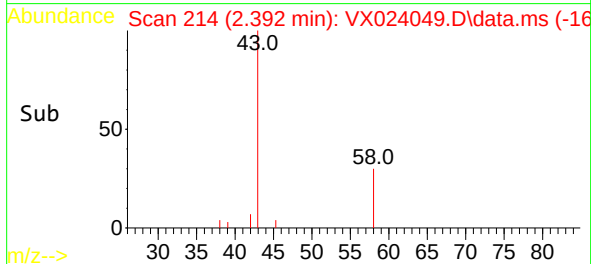
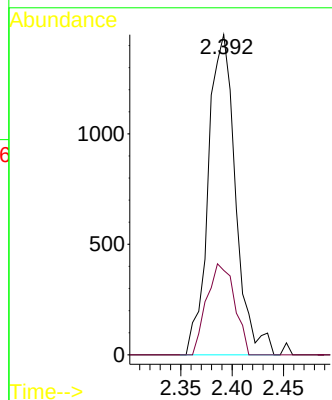
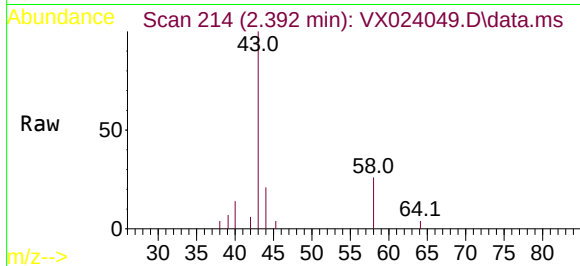




#16
Acetone
Concen: 3.033 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024049.D
Acq: 31 Aug 2021 17:11

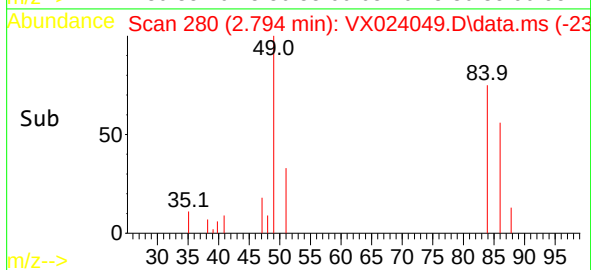
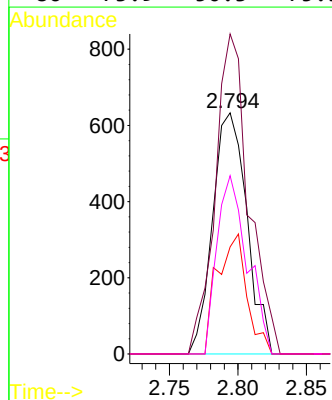
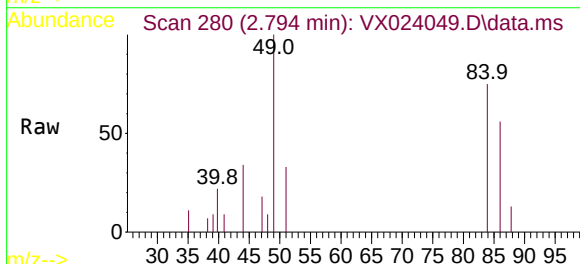
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

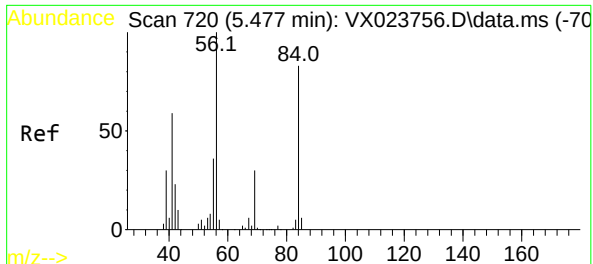
Tgt Ion: 43 Resp: 2665
Ion Ratio Lower Upper
43 100
58 26.4 27.8 41.8#



#20
Methylene Chloride
Concen: 0.656 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024049.D
Acq: 31 Aug 2021 17:11

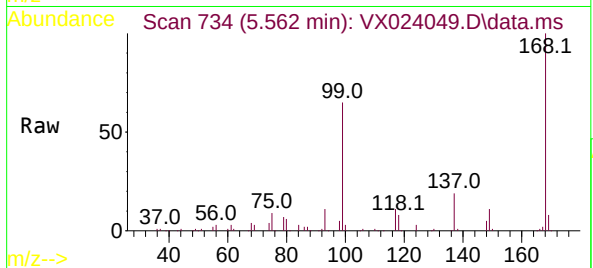
Tgt Ion: 84 Resp: 1101
Ion Ratio Lower Upper
84 100
49 132.7 88.6 132.8
51 44.4 27.0 40.6#
86 73.9 50.3 75.5



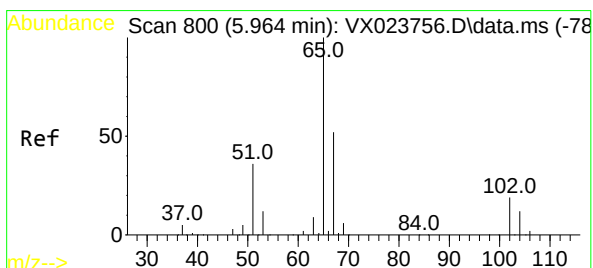
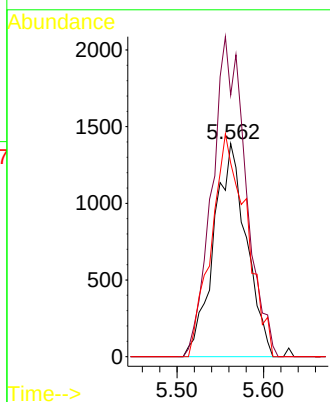
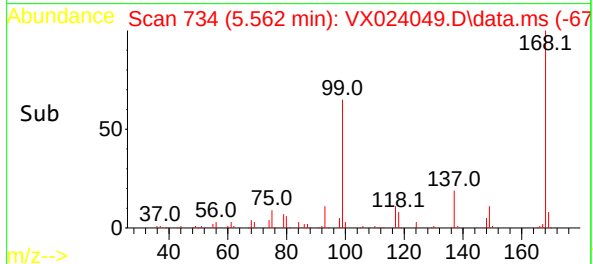


#31
Cyclohexane
Concen: 1.440 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024049.D
Acq: 31 Aug 2021 17:11

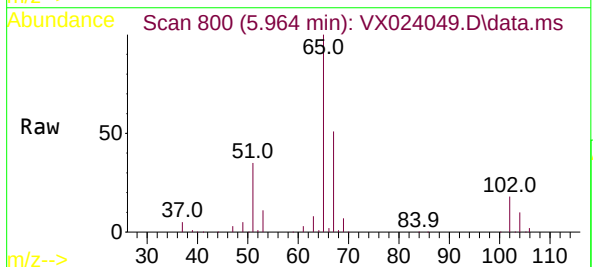
Instrument :
MSVOA_X
ClientSampleId :
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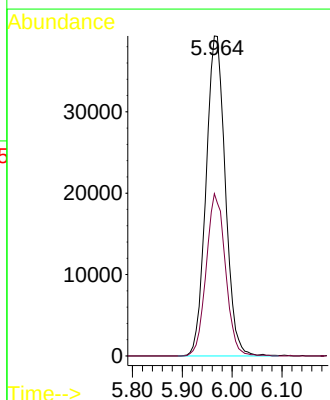
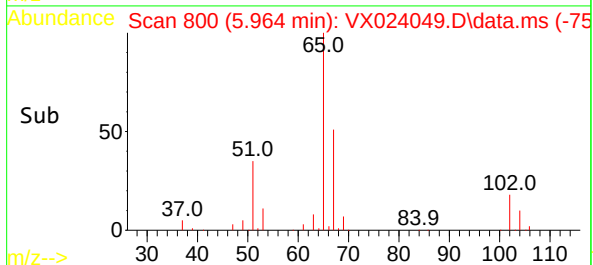
Tgt Ion: 56 Resp: 3635
Ion Ratio Lower Upper
56 100
69 122.7 25.3 37.9#
84 90.9 71.4 107.0

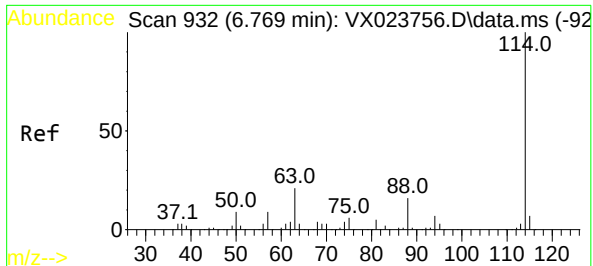


#33
1,2-Dichloroethane-d4
Concen: 53.715 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024049.D
Acq: 31 Aug 2021 17:11



Tgt Ion: 65 Resp: 105562
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

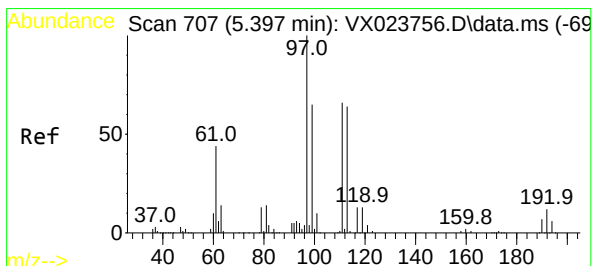
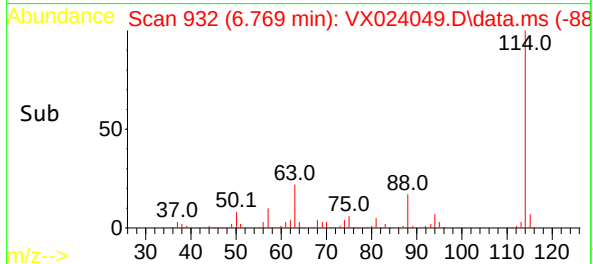
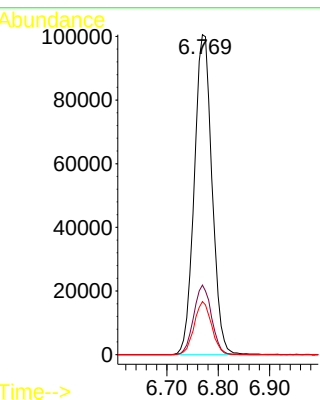
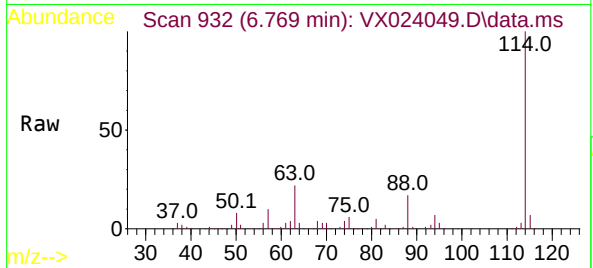




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024049.D
Acq: 31 Aug 2021 17:11

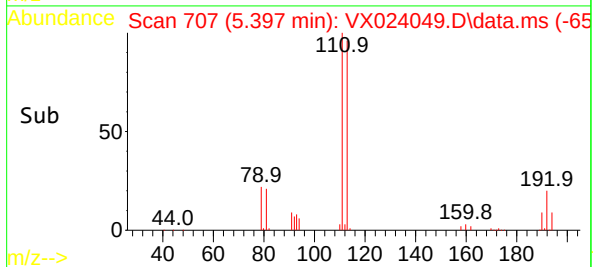
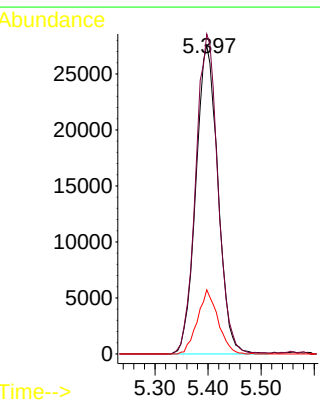
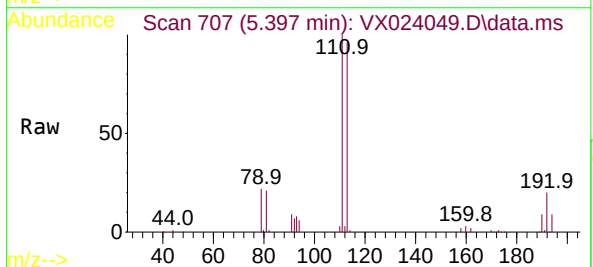
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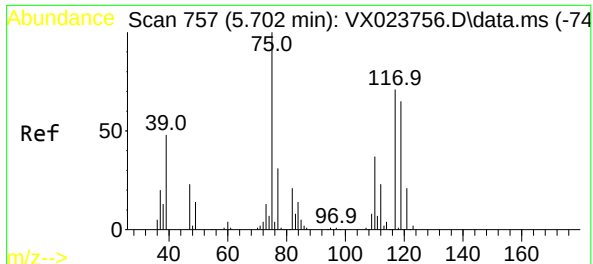
Tgt Ion:	114	Resp:	241045
Ion Ratio	Lower	Upper	
114	100		
63	21.7	0.0	40.8
88	16.6	0.0	32.8



#35
Dibromofluoromethane
Concen: 50.015 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024049.D
Acq: 31 Aug 2021 17:11

Tgt Ion:	113	Resp:	79795
Ion Ratio	Lower	Upper	
113	100		
111	104.2	81.9	122.9
192	19.2	16.7	25.1

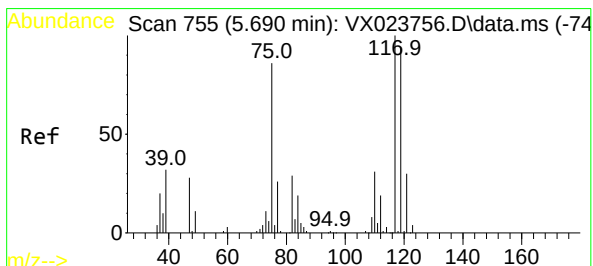
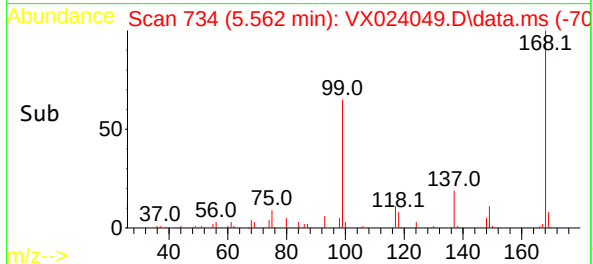
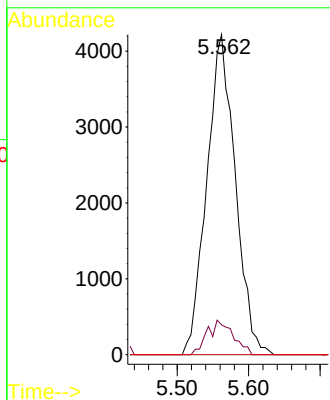
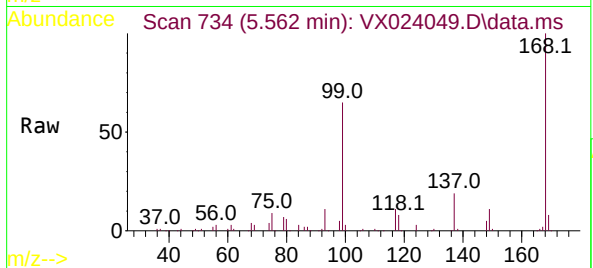




#36
1,1-Dichloropropene
Concen: 5.231 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024049.D
Acq: 31 Aug 2021 17:11

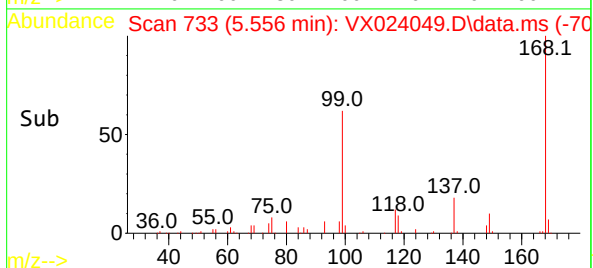
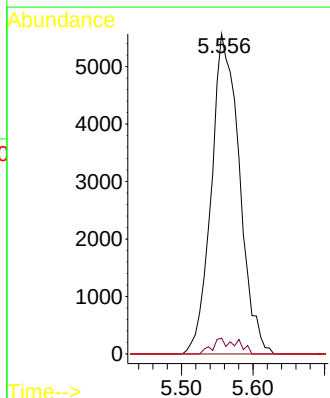
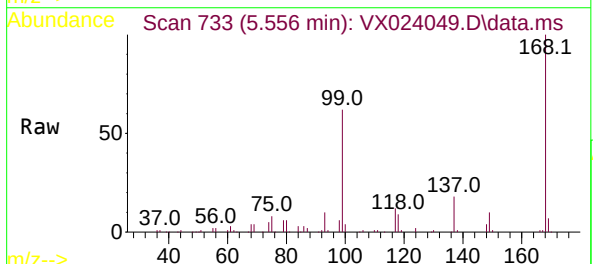
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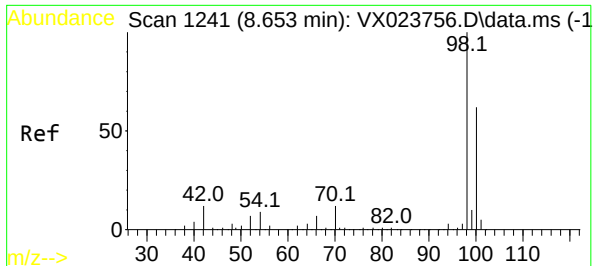
Tgt Ion: 75 Resp: 11678
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.515 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024049.D
Acq: 31 Aug 2021 17:11

Tgt Ion: 117 Resp: 15165
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

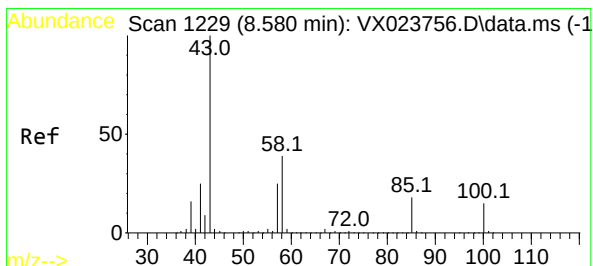
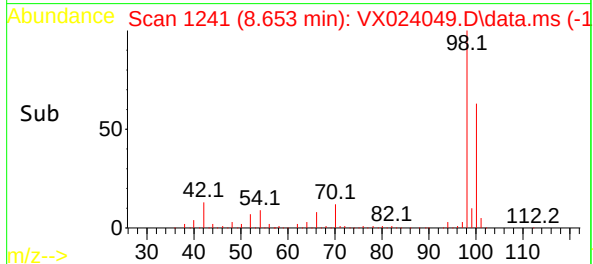
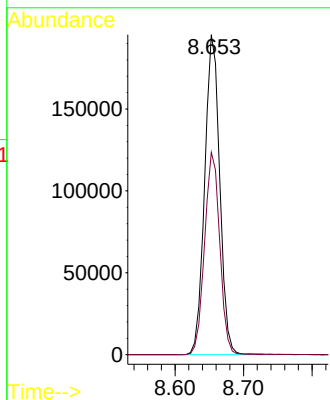
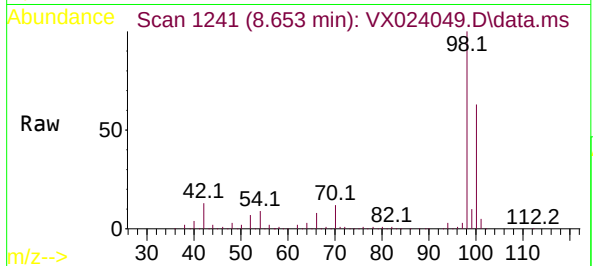




#50
Toluene-d8
Concen: 49.230 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024049.D
Acq: 31 Aug 2021 17:11

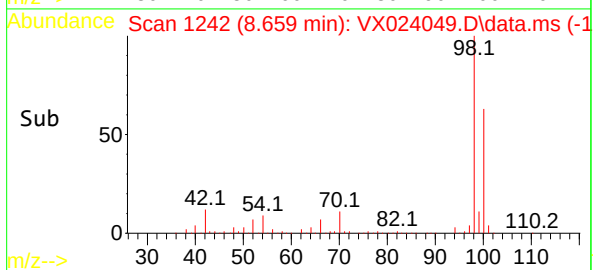
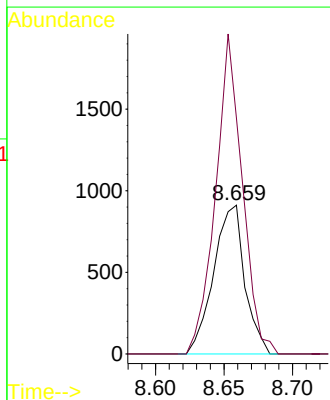
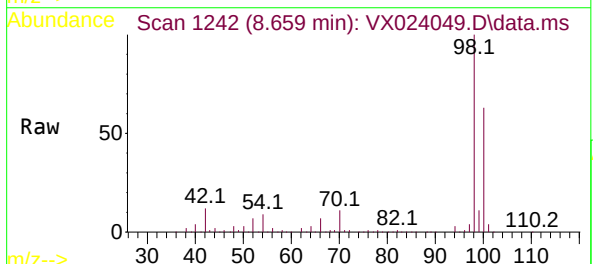
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

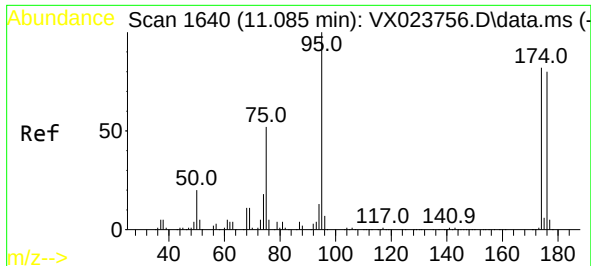
Tgt Ion: 98 Resp: 298934
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.519 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX024049.D
Acq: 31 Aug 2021 17:11

Tgt Ion: 43 Resp: 1441
Ion Ratio Lower Upper
43 100
58 184.5 35.4 53.0#

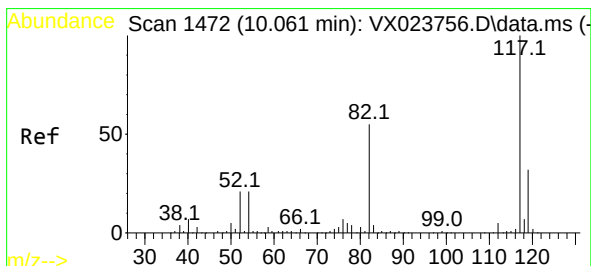
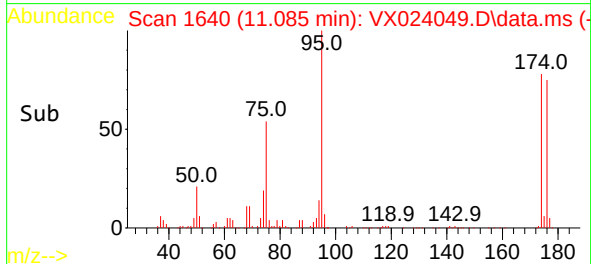
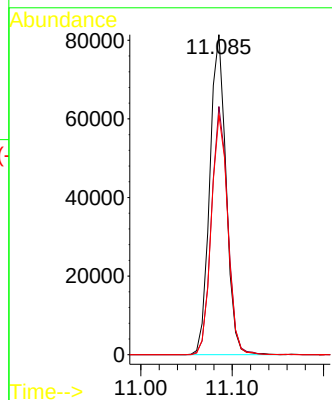
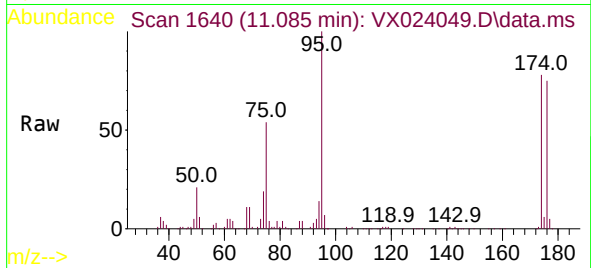




#62
4-Bromofluorobenzene
Concen: 44.856 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024049.D
Acq: 31 Aug 2021 17:11

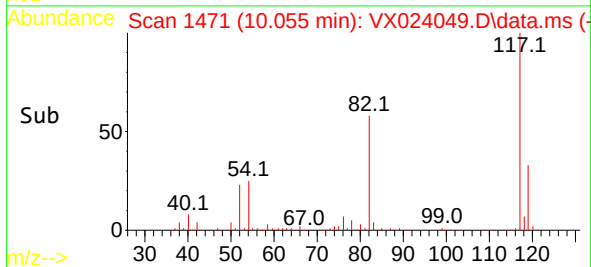
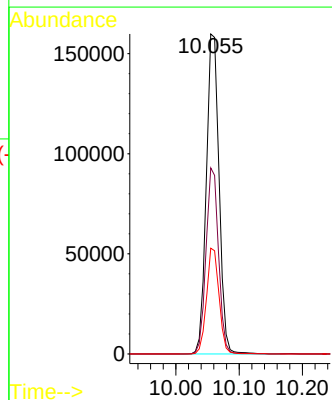
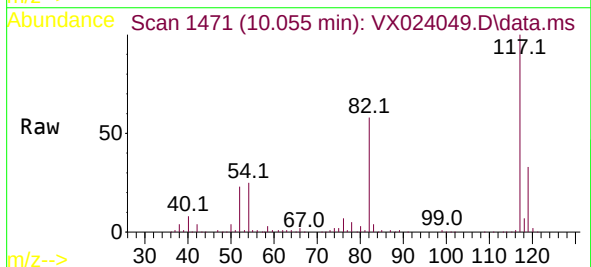
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

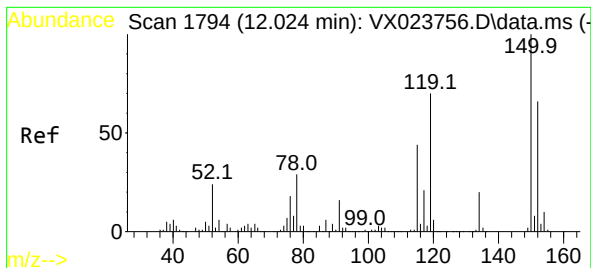
Tgt Ion: 95 Resp: 100268
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 76.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024049.D
Acq: 31 Aug 2021 17:11

Tgt Ion: 117 Resp: 224317
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 33.0 26.6 39.8

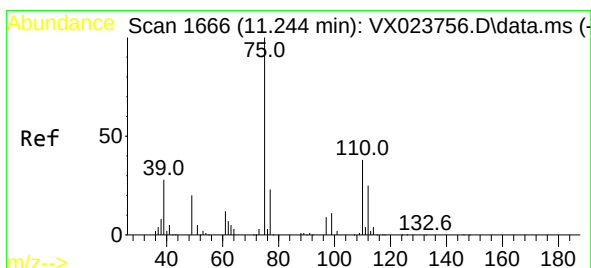
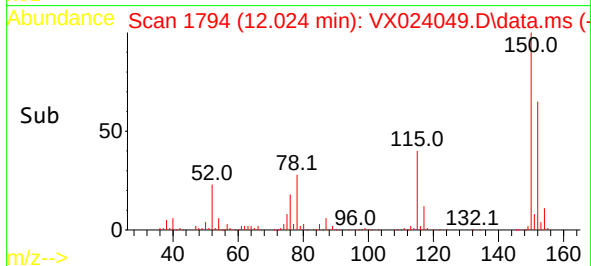
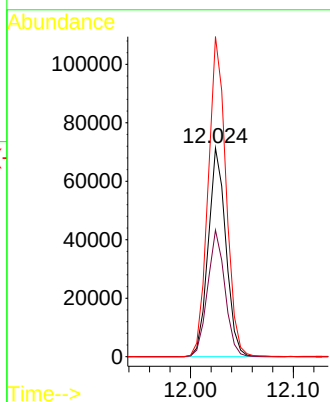
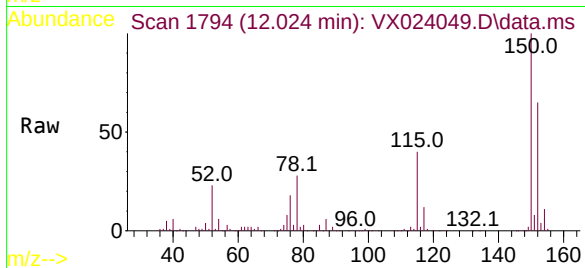




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024049.D
 Acq: 31 Aug 2021 17:11

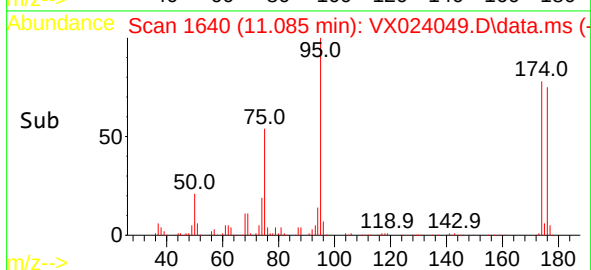
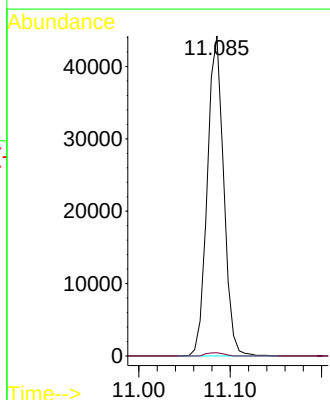
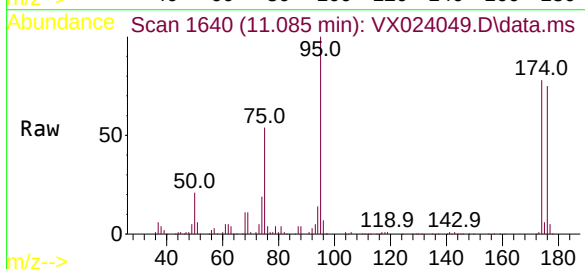
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

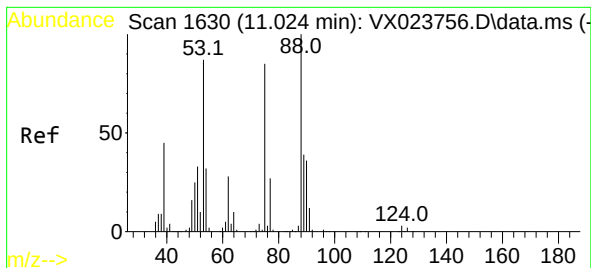
Tgt Ion:152 Resp: 85195
 Ion Ratio Lower Upper
 152 100
 115 59.6 41.1 123.3
 150 155.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.614 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024049.D
 Acq: 31 Aug 2021 17:11

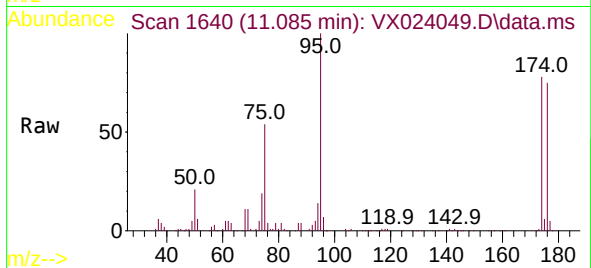
Tgt Ion: 75 Resp: 54879
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.227 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024049.D
 Acq: 31 Aug 2021 17:11

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



Tgt Ion: 75 Resp: 54879
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

