

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023378.D
 Acq On : 22 Jul 2021 17:01
 Operator : JC/MD
 Sample : M3114-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20210516-FIELD-BLANK-2

Quant Time: Jul 23 06:08:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

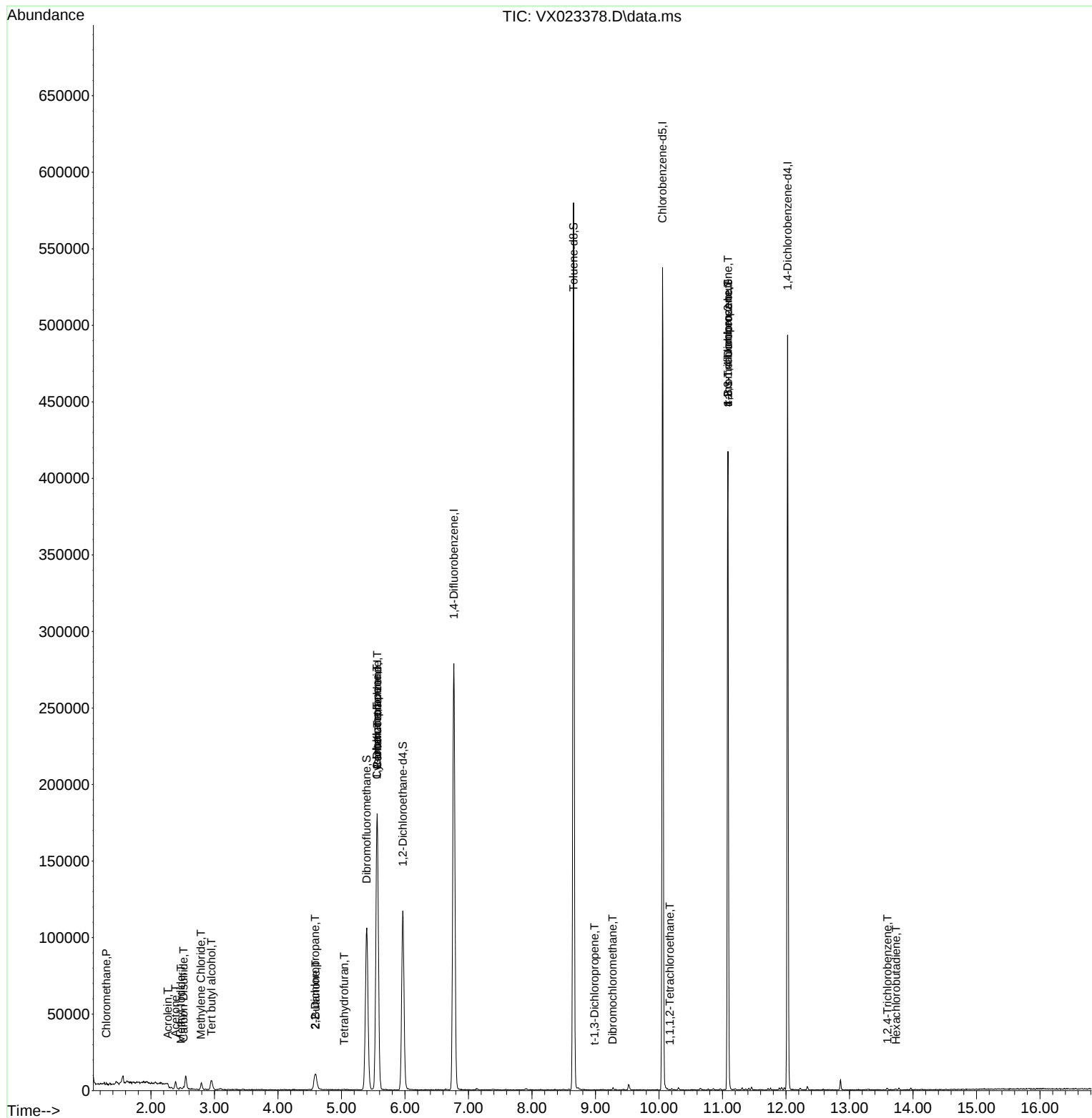
Internal Standards						
1) Pentafluorobenzene	5.562	168	174903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	290140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109292	50.093	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.180%	
35) Dibromofluoromethane	5.397	113	92087	50.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.520%	
50) Toluene-d8	8.653	98	338269	50.753	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.500%	
62) 4-Bromofluorobenzene	11.085	95	106650	47.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	710	0.379	ug/l #	72
10) Methyl Iodide	2.471	142	1242	0.572	ug/l	96
11) Tert butyl alcohol	2.953	59	4274	8.575	ug/l #	76
13) Acrolein	2.264	56	263	2.396	ug/l #	14
16) Acetone	2.386	43	5434	5.077	ug/l #	83
17) Carbon Disulfide	2.514	76	1332	0.314	ug/l	100
20) Methylene Chloride	2.788	84	1756	0.844	ug/l #	80
25) 2-Butanone	4.593	43	1142	0.687	ug/l #	45
26) 2,2-Dichloropropane	4.587	77	923	0.333	ug/l #	52
29) Tetrahydrofuran	5.044	42	289	0.265	ug/l #	32
31) Cyclohexane	5.556	56	3519	1.089	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13140	5.006	ug/l #	49
38) Carbon Tetrachloride	5.562	117	17083	6.400	ug/l #	15
53) t-1,3-Dichloropropene	8.982	75	122	1.854	ug/l #	44
60) Dibromochloromethane	9.269	129	198	2.071	ug/l #	11
66) 1,1,1,2-Tetrachloroethane	10.171	131	20	0.985	ug/l #	8
76) 1,2,3-Trichloropropane	11.085	75	54357	24.806	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54357	66.702	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.597	180	536	0.263	ug/l #	74
94) Hexachlorobutadiene	13.731	225	217	0.237	ug/l	90

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

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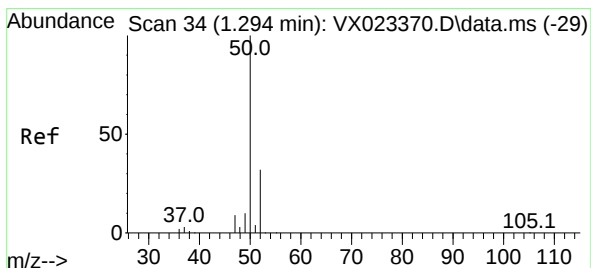
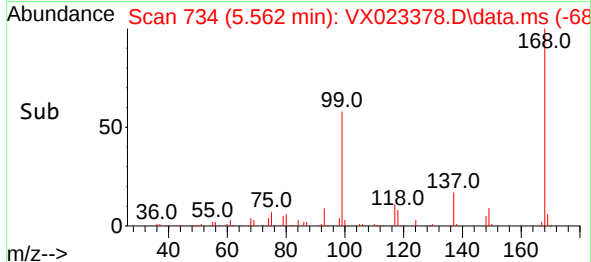
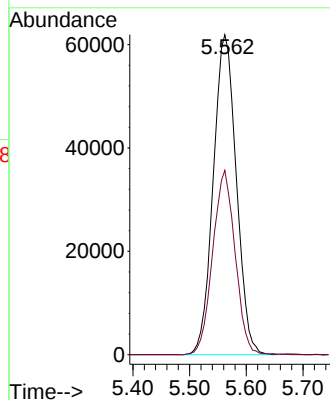
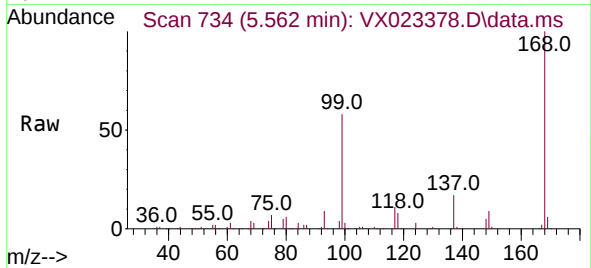




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

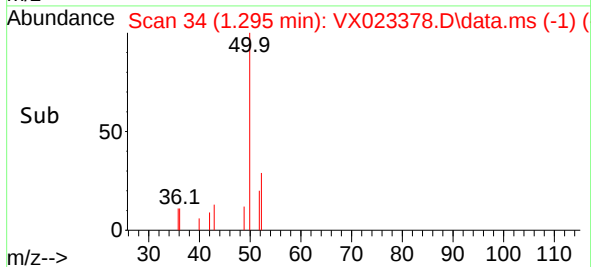
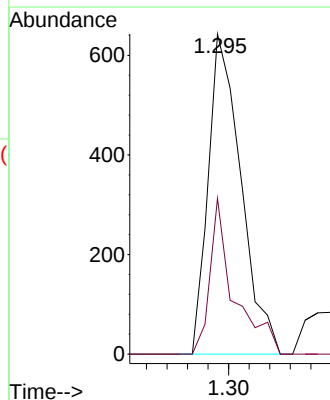
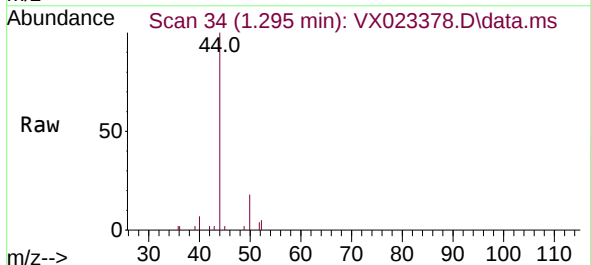
Instrument :
MSVOA_X
ClientSampleId :
20210516-FIELD-BLANK-2

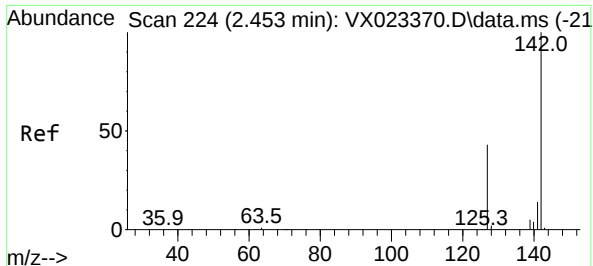
Tgt Ion:168 Resp: 174903
Ion Ratio Lower Upper
168 100
99 57.6 45.8 68.6



#3
Chloromethane
Concen: 0.379 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

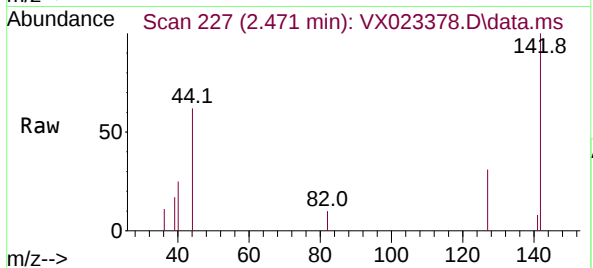
Tgt Ion: 50 Resp: 710
Ion Ratio Lower Upper
50 100
52 48.7 26.4 39.6#



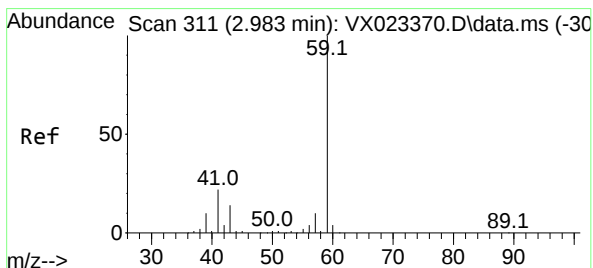
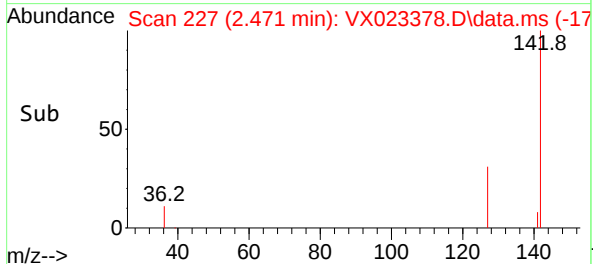
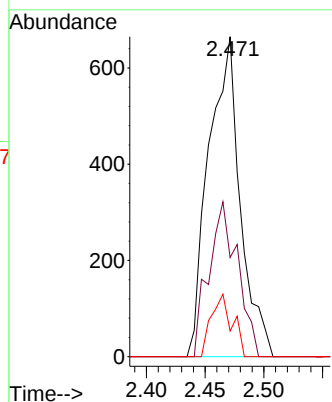


#10
Methyl Iodide
Concen: 0.572 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

Instrument :
MSVOA_X
ClientSampleId :
20210516-FIELD-BLANK-2

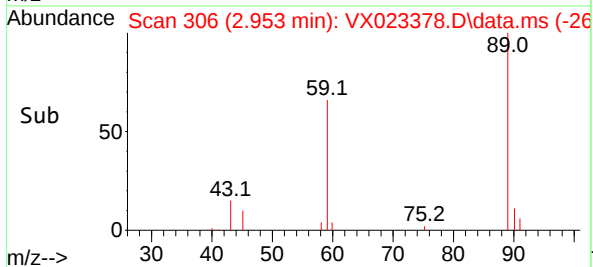
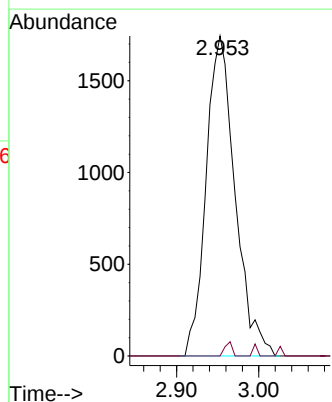
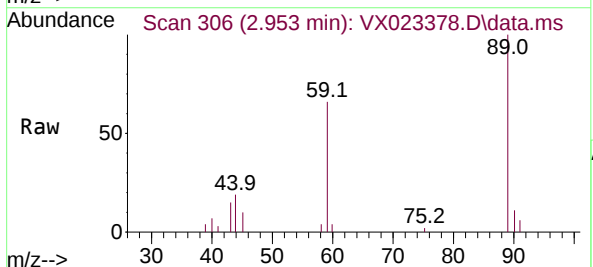


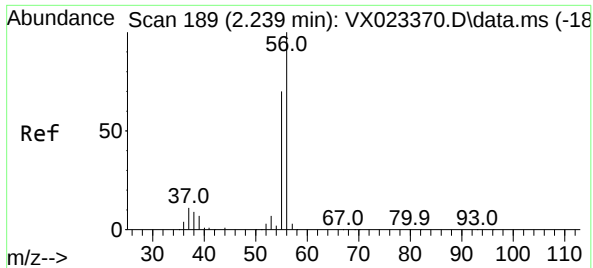
Tgt Ion:142 Resp: 1242
Ion Ratio Lower Upper
142 100
127 44.2 33.3 49.9
141 13.0 11.4 17.0



#11
Tert butyl alcohol
Concen: 8.575 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

Tgt Ion: 59 Resp: 4274
Ion Ratio Lower Upper
59 100
57 1.1 7.8 11.8#

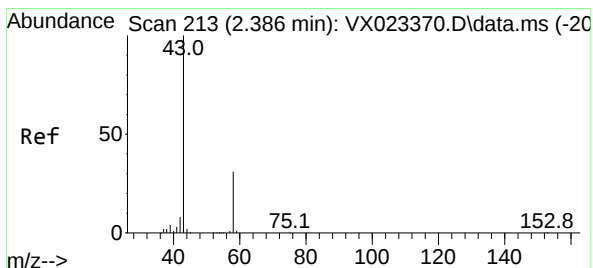
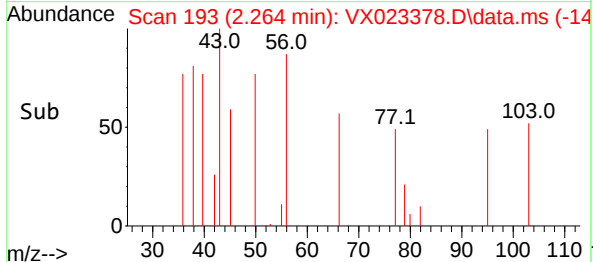
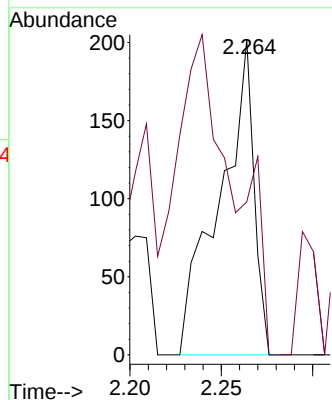
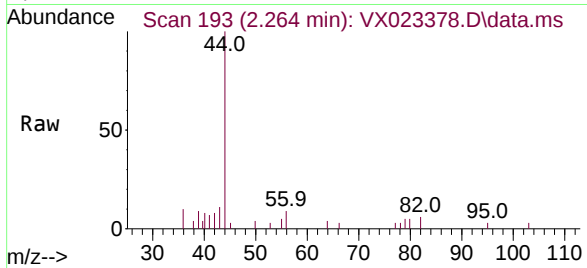




#13
Acrolein
Concen: 2.396 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.025 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

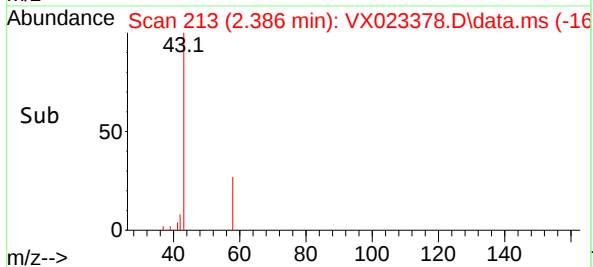
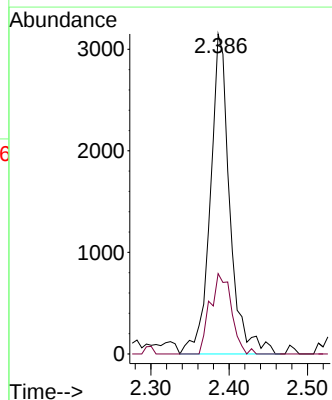
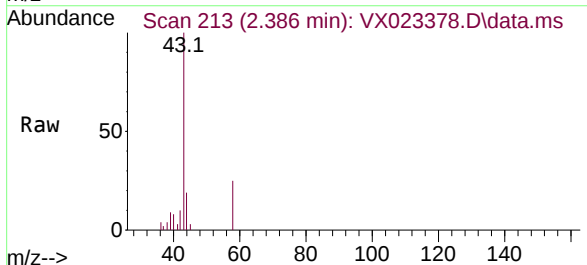
Instrument :
MSVOA_X
ClientSampleId :
20210516-FIELD-BLANK-2

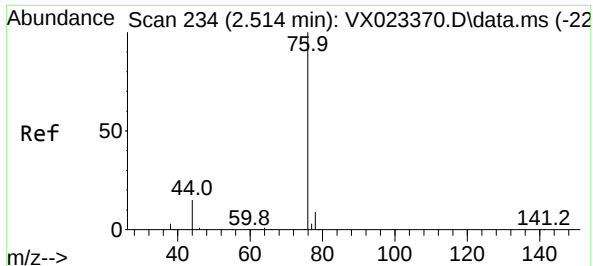
Tgt Ion: 56 Resp: 263
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 5.077 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

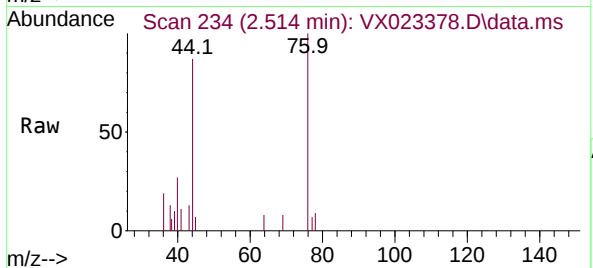
Tgt Ion: 43 Resp: 5434
Ion Ratio Lower Upper
43 100
58 25.1 27.8 41.8#



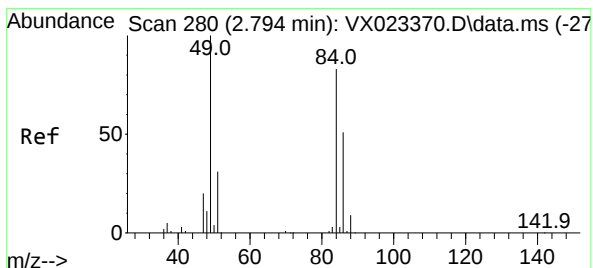
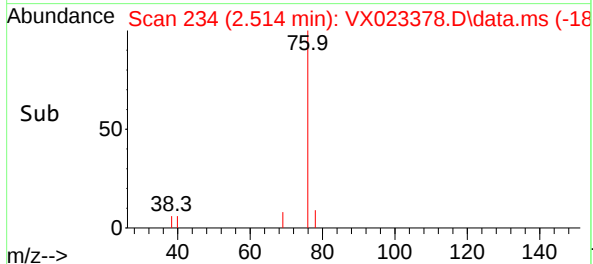
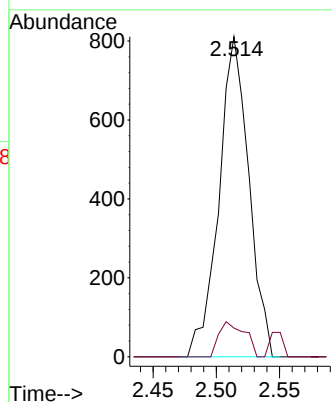


#17
Carbon Disulfide
Concen: 0.314 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

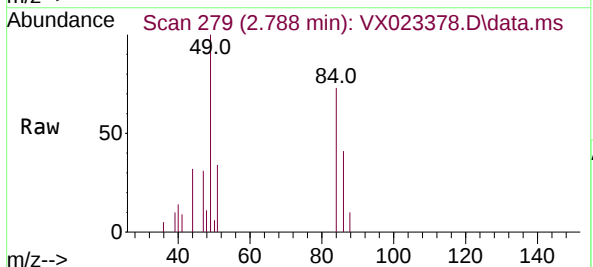
Instrument :
MSVOA_X
ClientSampleId :
20210516-FIELD-BLANK-2



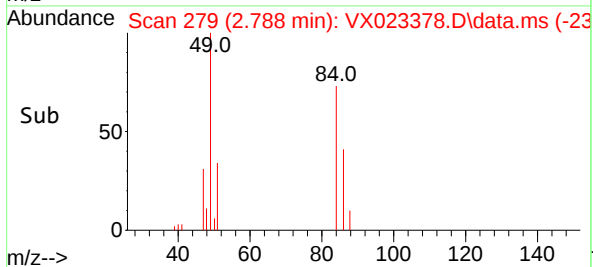
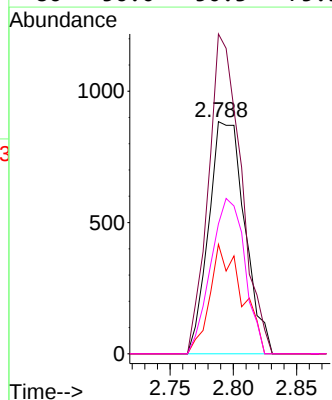
Tgt Ion: 76 Resp: 1332
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

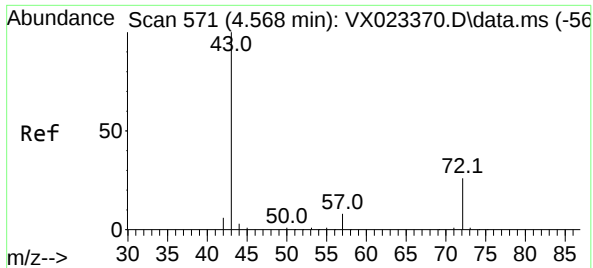


#20
Methylene Chloride
Concen: 0.844 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01



Tgt Ion: 84 Resp: 1756
Ion Ratio Lower Upper
84 100
49 137.8 88.6 132.8#
51 47.2 27.0 40.6#
86 56.0 50.3 75.5

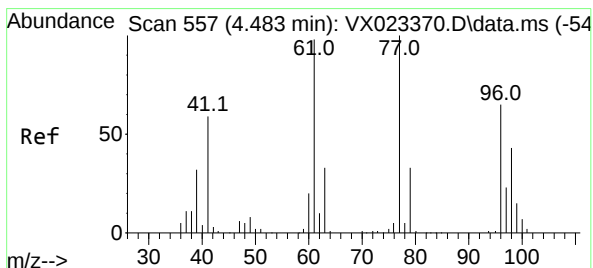
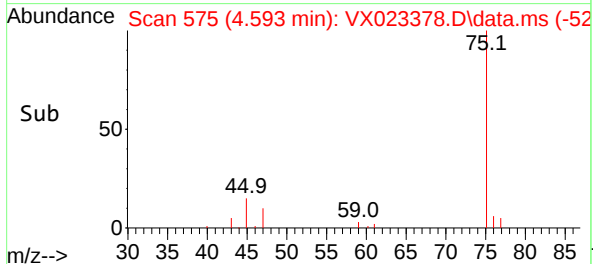
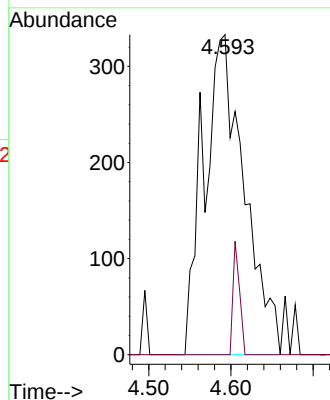
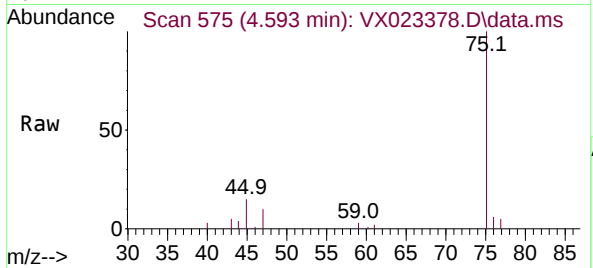




#25
2-Butanone
Concen: 0.687 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

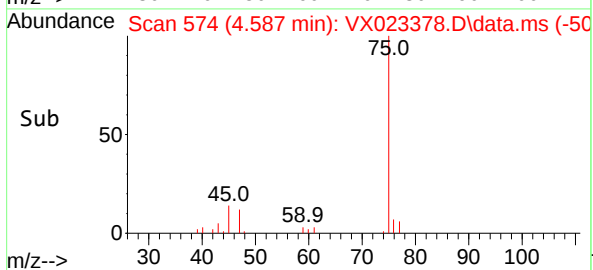
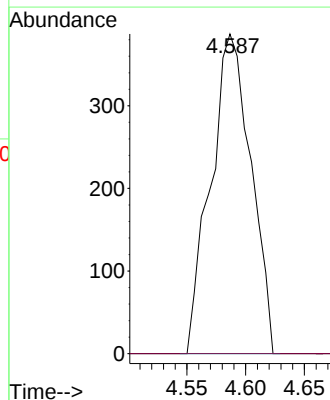
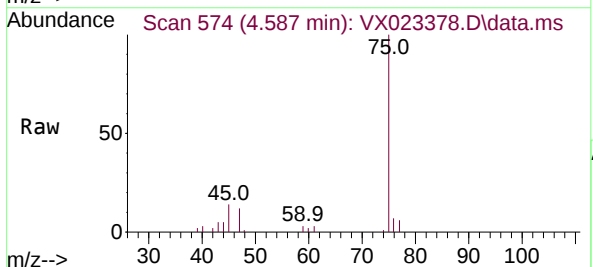
Instrument :
MSVOA_X
ClientSampleId :
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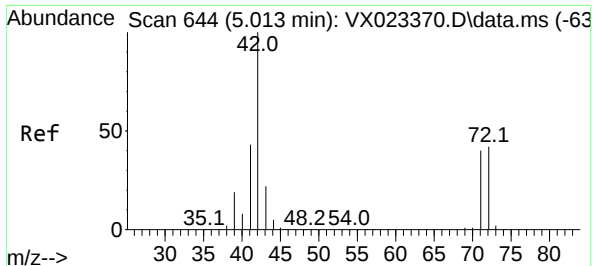
Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.333 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.104 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

Tgt Ion: 77 Resp: 923
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#





#29

Tetrahydrofuran

Concen: 0.265 ug/l

RT: 5.044 min Scan# 649

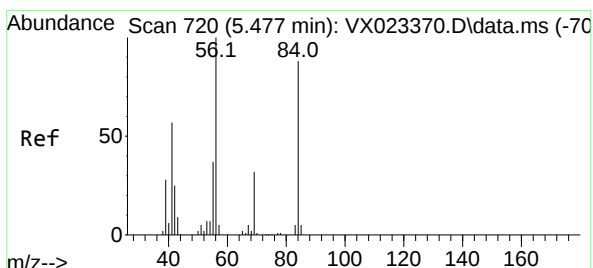
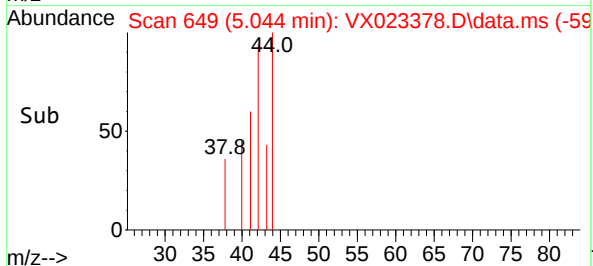
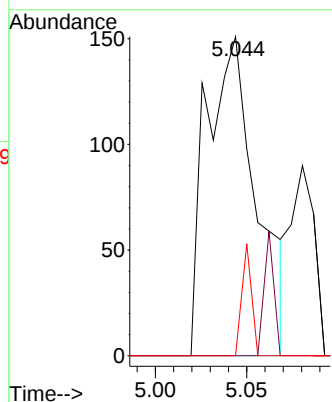
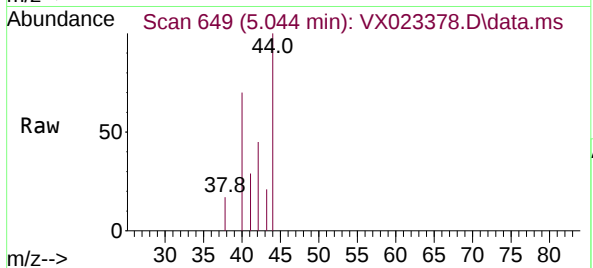
Delta R.T. 0.031 min

Lab File: VX023378.D

Acq: 22 Jul 2021 17:01

Tgt Ion:	42	Resp:	289
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	6.6	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
20210516-FIELD-BLANK-2



#31

Cyclohexane

Concen: 1.089 ug/l

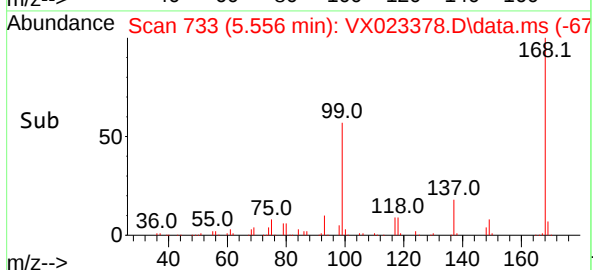
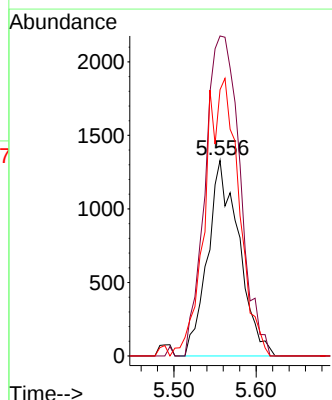
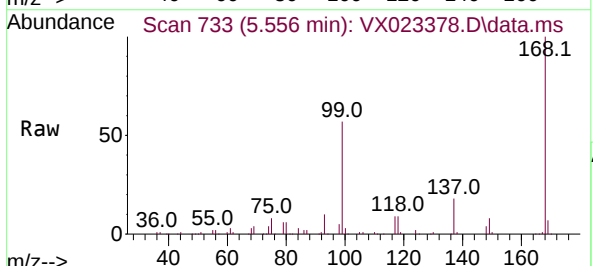
RT: 5.556 min Scan# 733

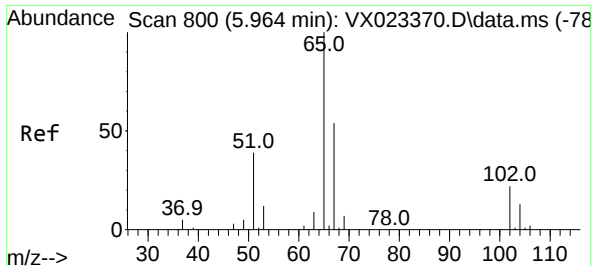
Delta R.T. 0.079 min

Lab File: VX023378.D

Acq: 22 Jul 2021 17:01

Tgt Ion:	56	Resp:	3519
Ion	Ratio	Lower	Upper
56	100		
69	163.6	25.3	37.9#
84	136.2	71.4	107.0#



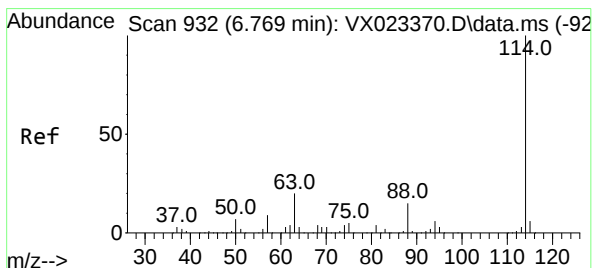
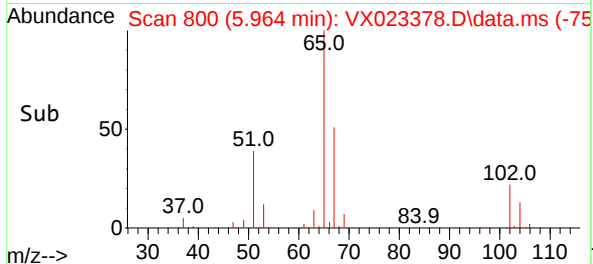
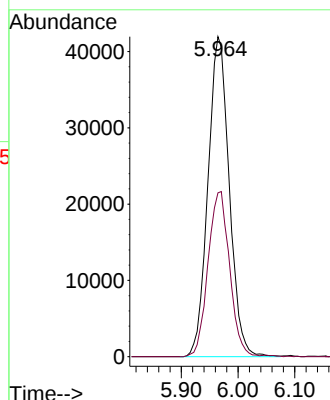
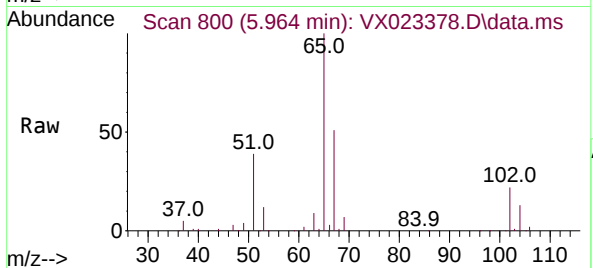


#33

1,2-Dichloroethane-d4
Concen: 50.093 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

Instrument :
MSVOA_X
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20210516-FIELD-BLANK-2

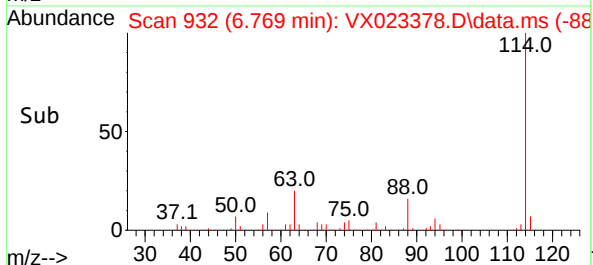
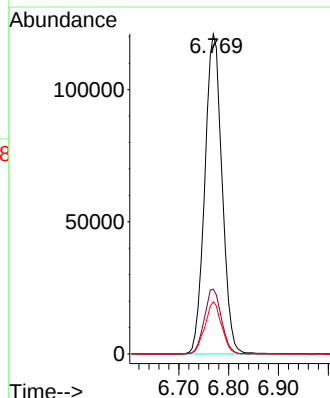
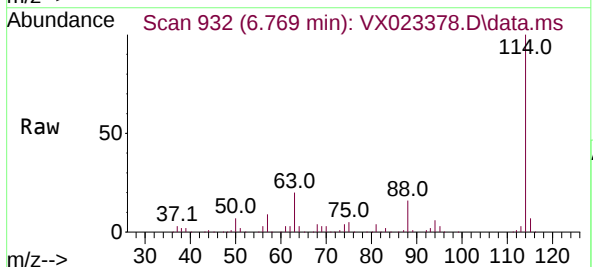
Tgt Ion: 65 Resp: 109292
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

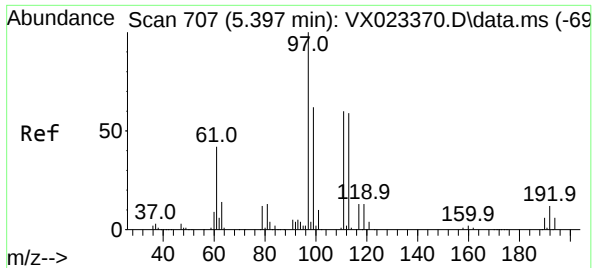


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

Tgt Ion: 114 Resp: 290140
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.3 0.0 32.8

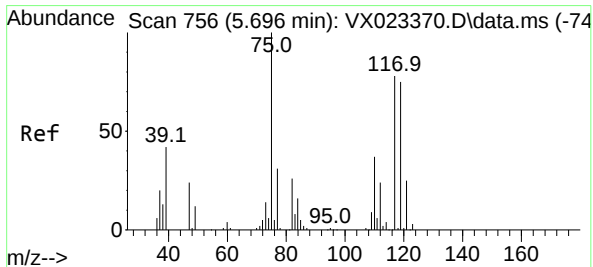
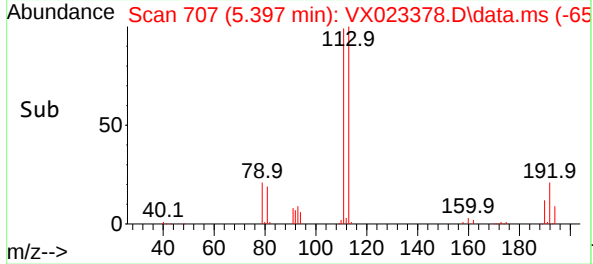
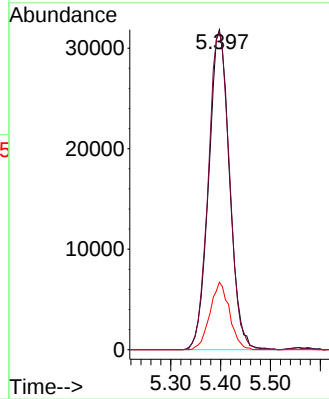
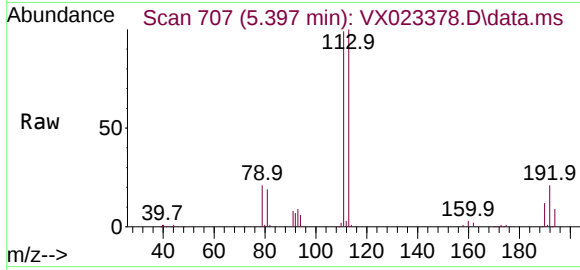




#35
Dibromofluoromethane
Concen: 50.762 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

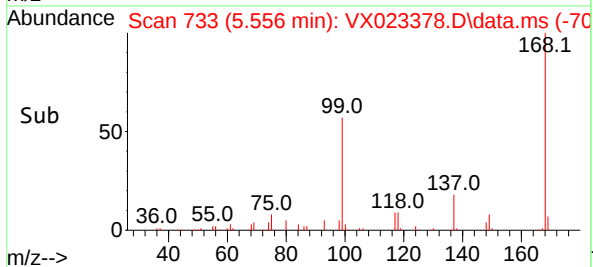
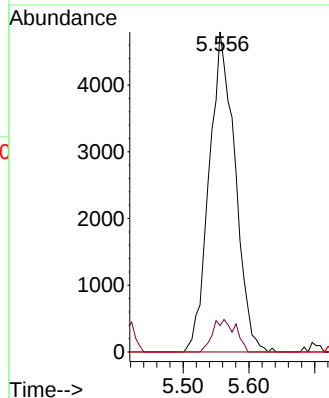
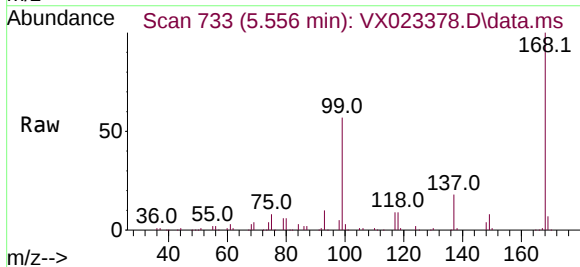
Instrument :
MSVOA_X
ClientSampleId :
20210516-FIELD-BLANK-2

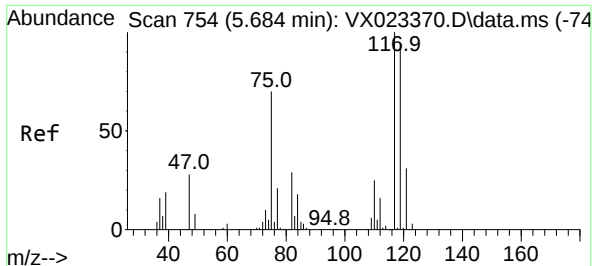
Tgt Ion:	113	Resp:	92087
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.9	122.9
192	19.9	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.006 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

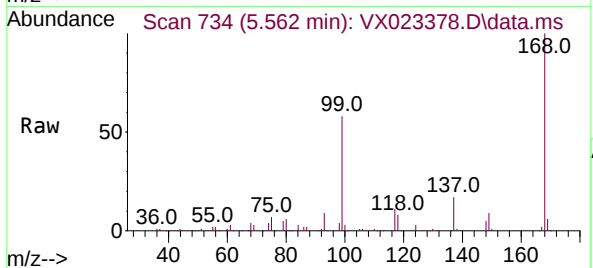
Tgt Ion:	75	Resp:	13140
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.4#
77	0.0	25.3	37.9#



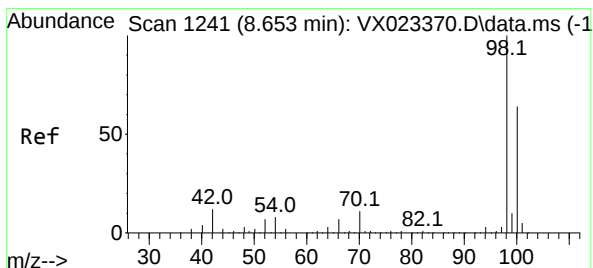
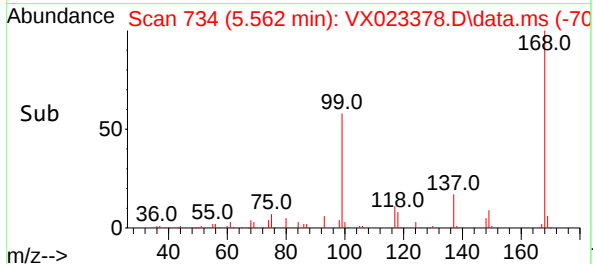
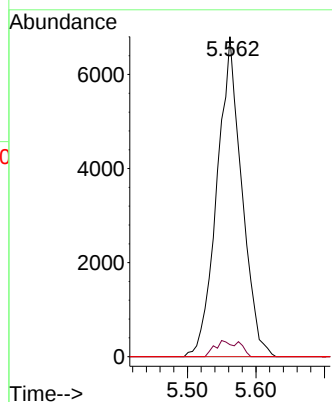


#38
Carbon Tetrachloride
Concen: 6.400 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

Instrument :
MSVOA_X
ClientSampleId :
20210516-FIELD-BLANK-2

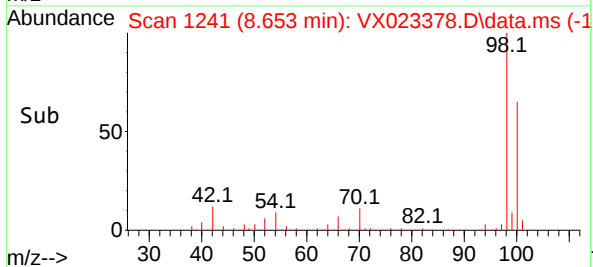
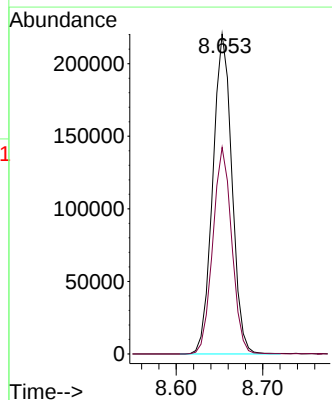
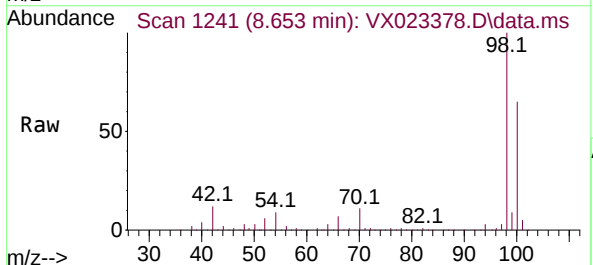


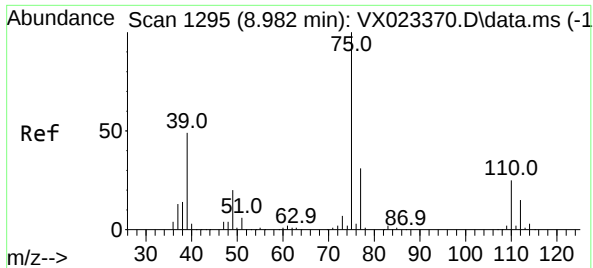
Tgt Ion:117 Resp: 17083
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.753 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

Tgt Ion: 98 Resp: 338269
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

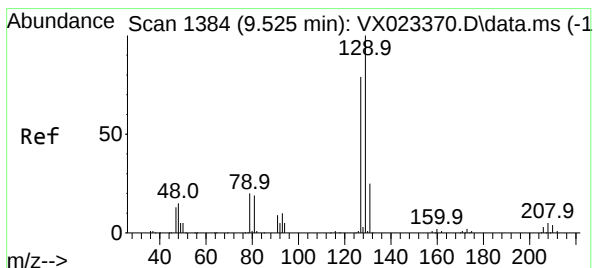
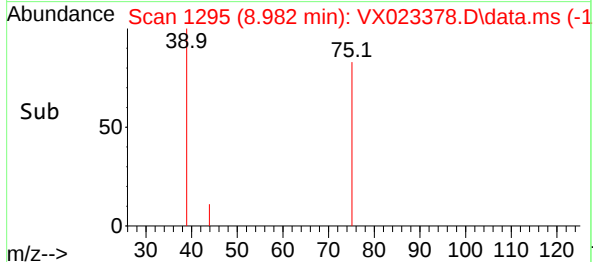
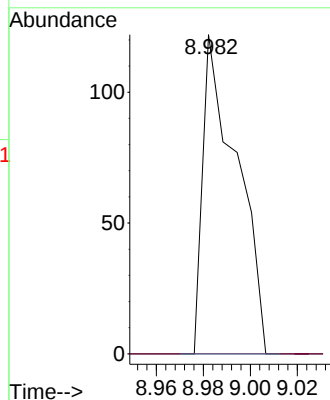
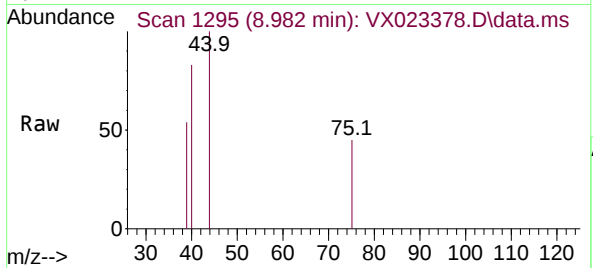




#53
t-1,3-Dichloropropene
Concen: 1.854 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

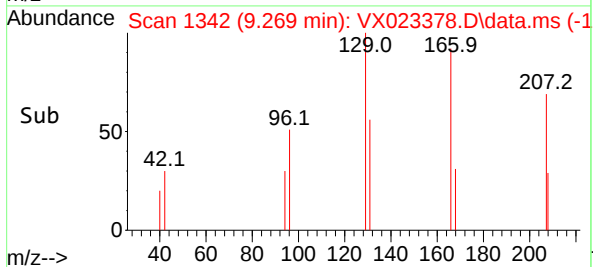
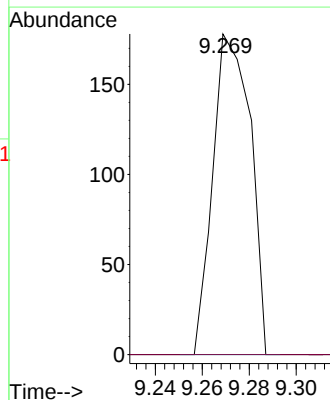
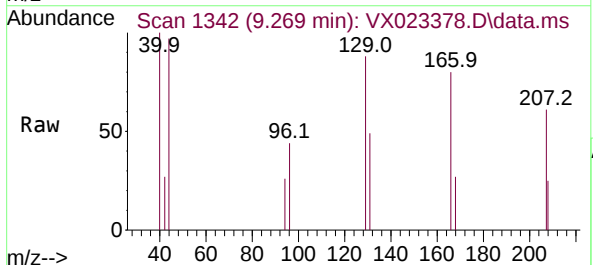
Instrument :
MSVOA_X
ClientSampleId :
20210516-FIELD-BLANK-2

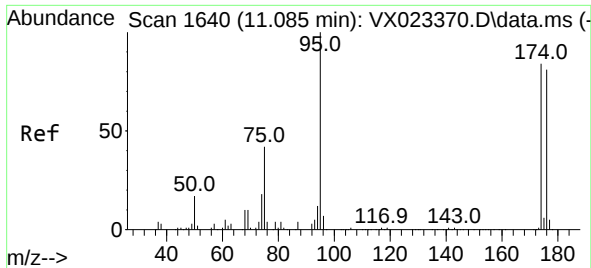
Tgt Ion: 75 Resp: 122
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 2.071 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

Tgt Ion: 129 Resp: 198
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

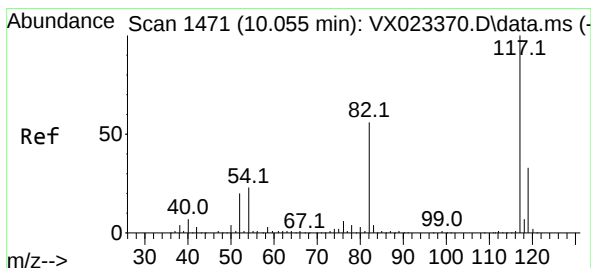
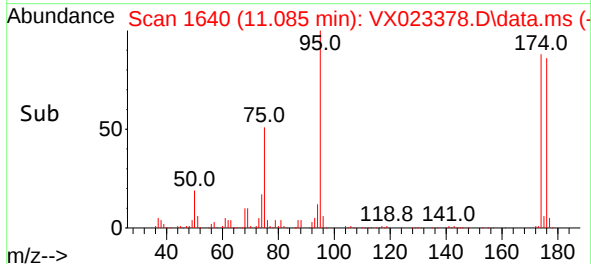
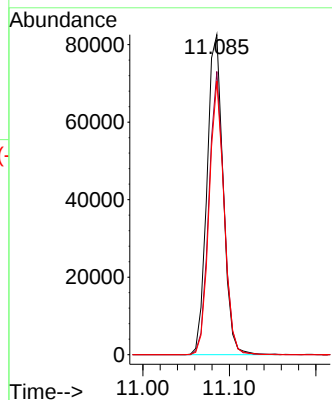
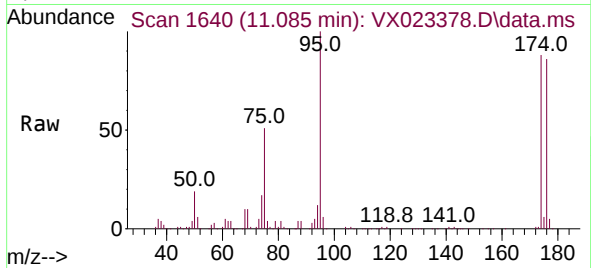




#62
4-Bromofluorobenzene
Concen: 47.058 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

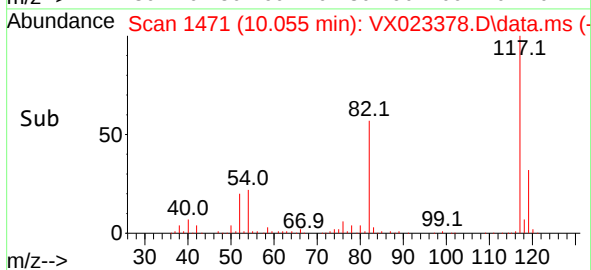
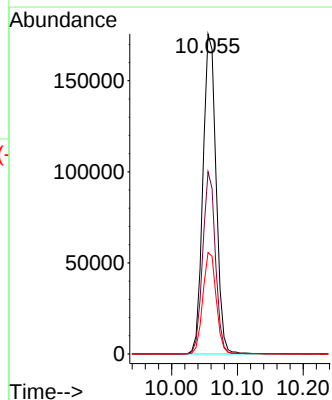
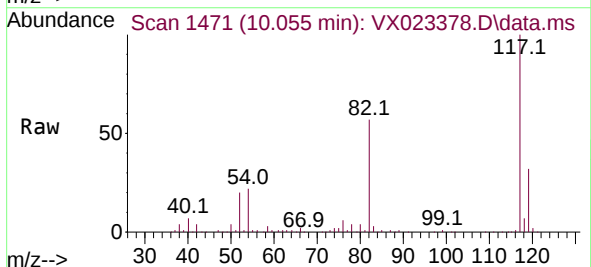
Instrument :
MSVOA_X
ClientSampleId :
20210516-FIELD-BLANK-2

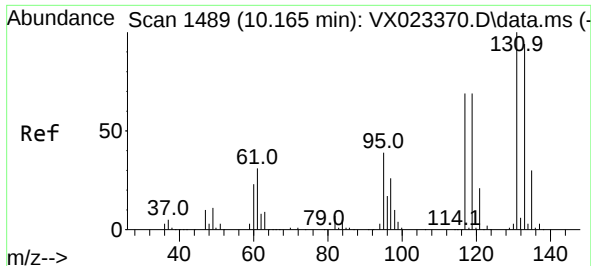
Tgt Ion: 95 Resp: 106650
Ion Ratio Lower Upper
95 100
174 82.7 0.0 154.6
176 79.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

Tgt Ion: 117 Resp: 244210
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 31.7 26.6 39.8

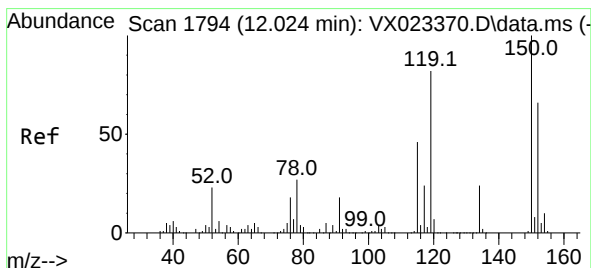
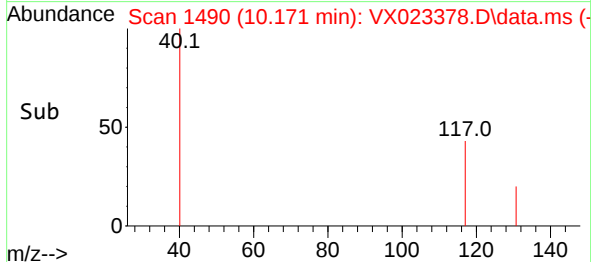
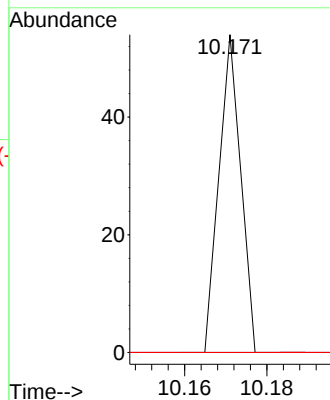
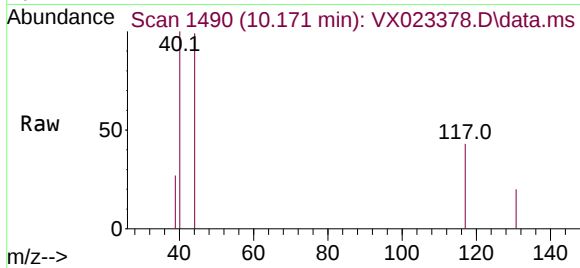




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.985 ug/l
 RT: 10.171 min Scan# 1490
 Delta R.T. 0.006 min
 Lab File: VX023378.D
 Acq: 22 Jul 2021 17:01

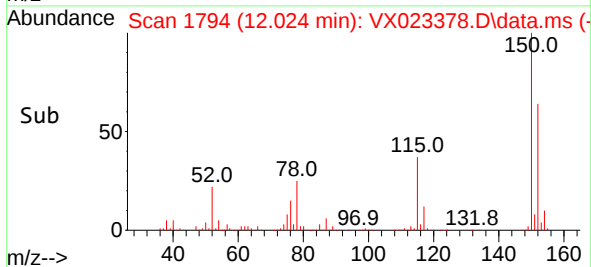
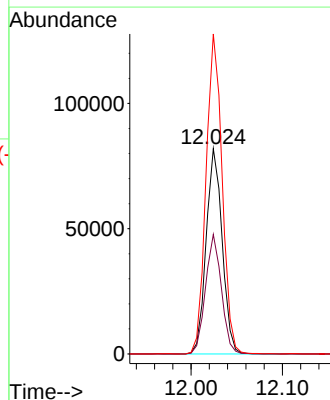
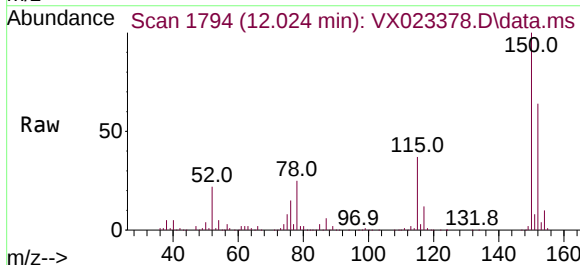
Instrument :
 MSVOA_X
 ClientSampleId :
 20210516-FIELD-BLANK-2

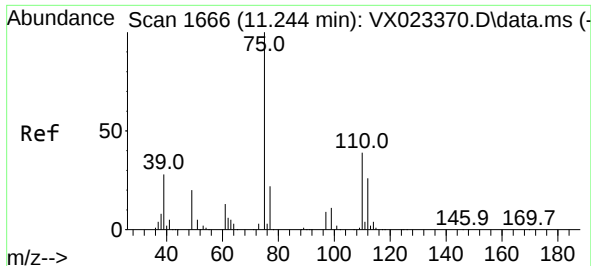
Tgt Ion:	131	Resp:	20
Ion	Ratio	Lower	Upper
131	100		
133	0.0	47.7	143.1#
119	0.0	32.1	96.5#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023378.D
 Acq: 22 Jul 2021 17:01

Tgt Ion:	152	Resp:	99576
Ion	Ratio	Lower	Upper
152	100		
115	57.7	41.1	123.3
150	156.4	0.0	349.0

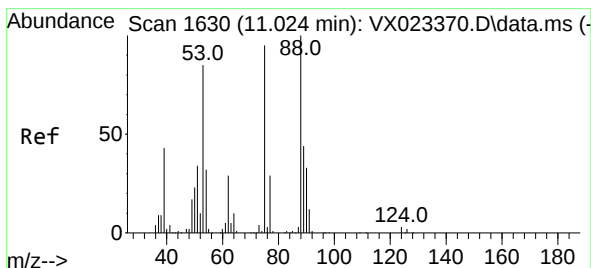
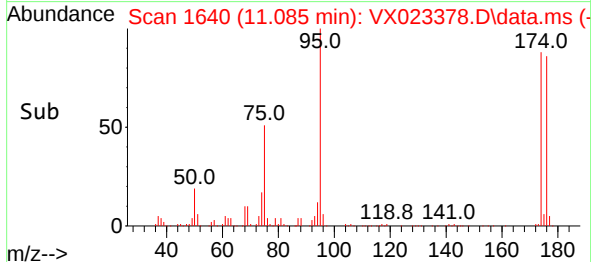
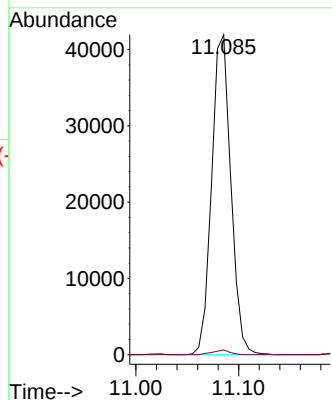
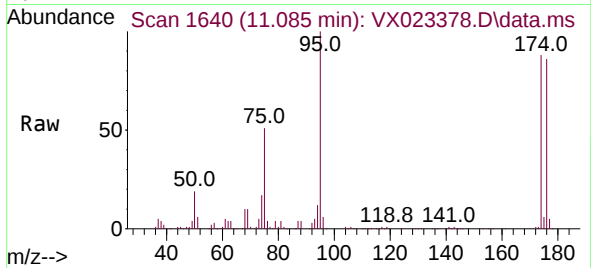




#76
1,2,3-Trichloropropane
Concen: 24.806 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

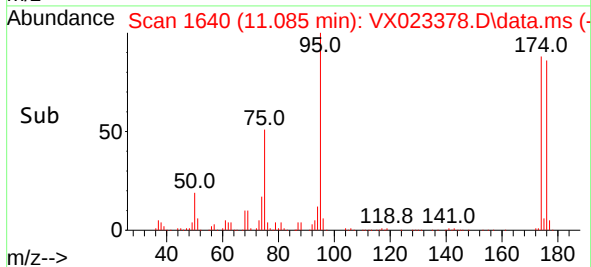
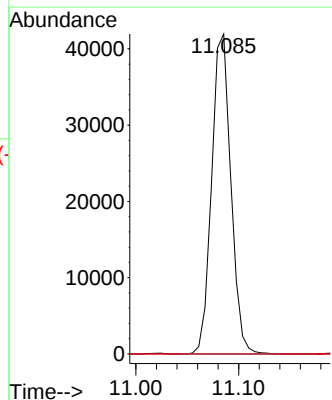
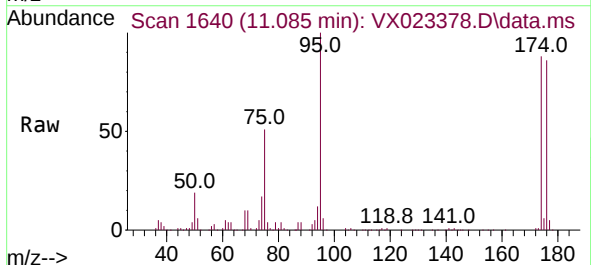
Instrument :
MSVOA_X
ClientSampleId :
20210516-FIELD-BLANK-2

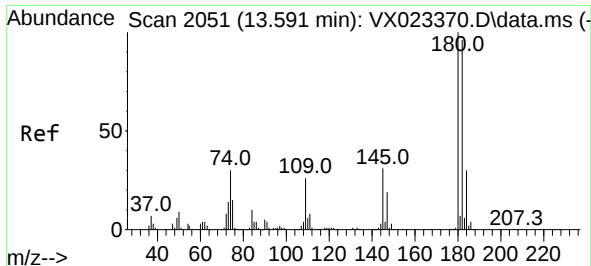
Tgt Ion: 75 Resp: 54357
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.702 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

Tgt Ion: 75 Resp: 54357
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

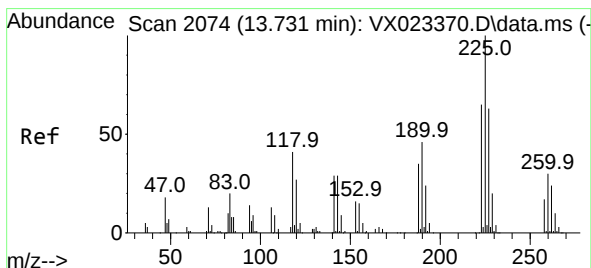
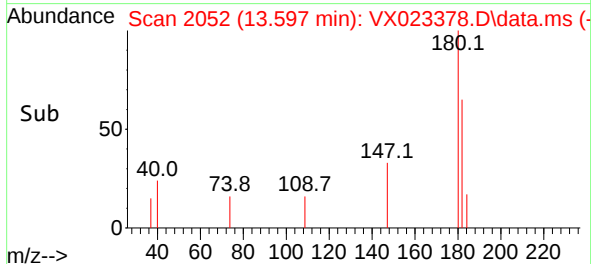
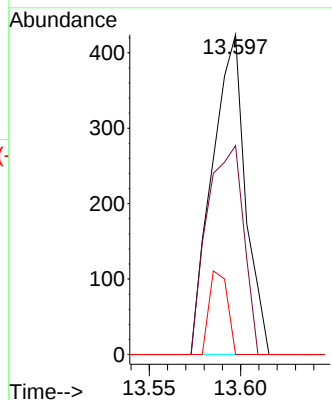
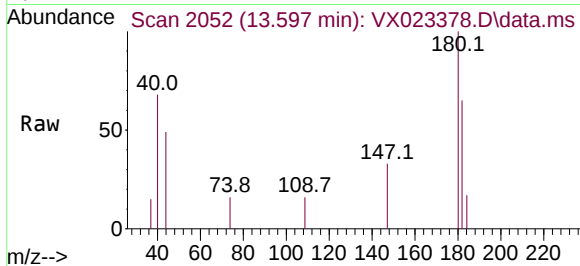




#93
1,2,4-Trichlorobenzene
Concen: 0.263 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

Instrument :
MSVOA_X
ClientSampleId :
20210516-FIELD-BLANK-2

Tgt Ion:180 Resp: 536
Ion Ratio Lower Upper
180 100
182 71.5 47.7 143.1
145 14.4 15.0 45.0#



#94
Hexachlorobutadiene
Concen: 0.237 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VX023378.D
Acq: 22 Jul 2021 17:01

Tgt Ion:225 Resp: 217
Ion Ratio Lower Upper
225 100
223 47.0 31.1 93.2
227 64.1 31.6 95.0

