

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
 Data File : VX023243.D
 Acq On : 12 Jul 2021 15:48
 Operator : JC/MD
 Sample : M2965-01ME
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 12 16:14:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

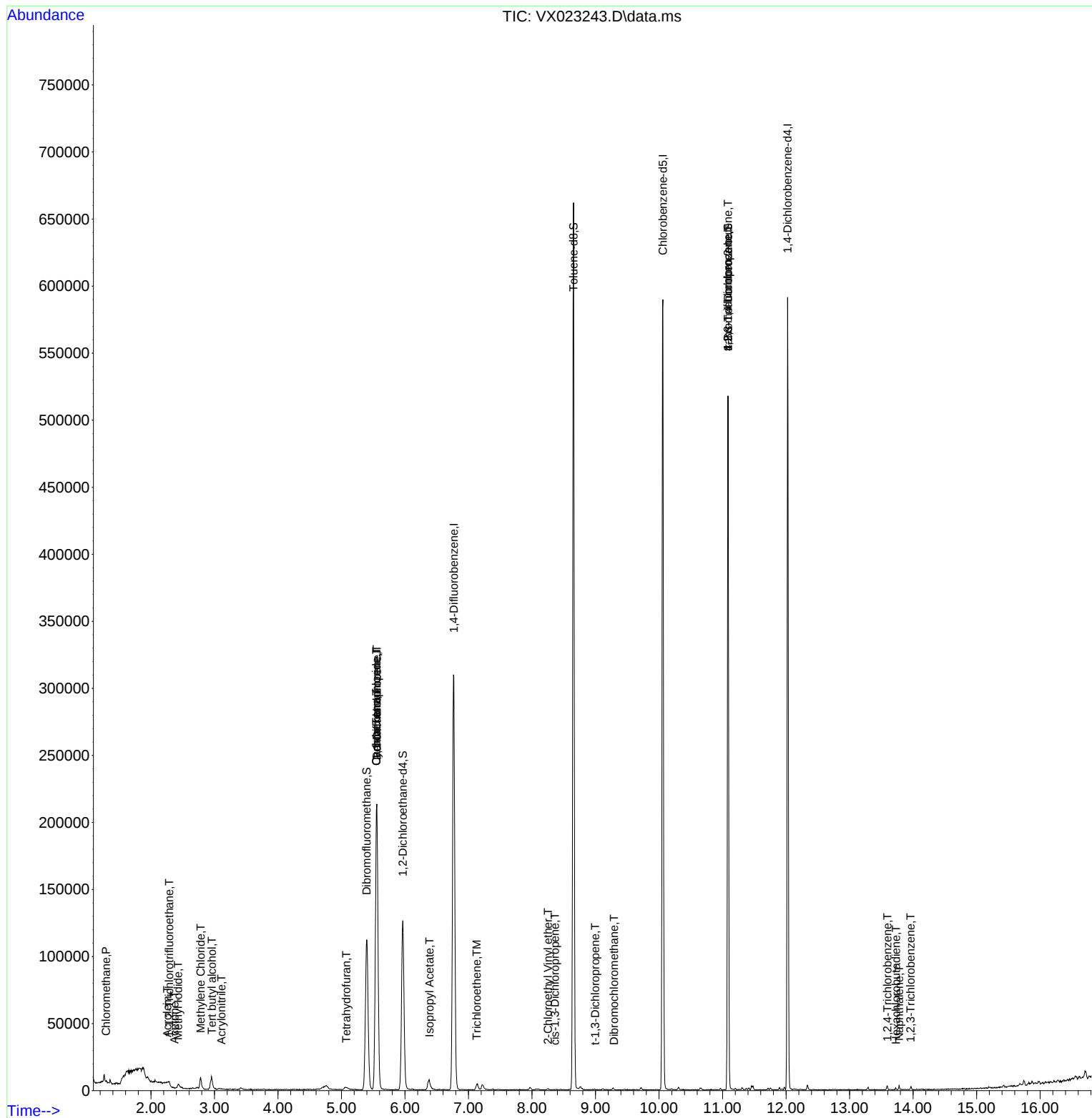
Internal Standards						
1) Pentafluorobenzene	5.556	168	204040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	328582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	287831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	129956	47.390	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.780%
35) Dibromofluoromethane	5.397	113	98981	46.649	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.300%
50) Toluene-d8	8.653	98	387087	48.906	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.820%
62) 4-Bromofluorobenzene	11.085	95	138529	45.336	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.680%
Target Compounds						Qvalue
3) Chloromethane	1.295	50	373	0.204	ug/l #	42
5) Bromomethane	1.599	94	417	Below Cal	#	74
9) 1,1,2-Trichlorotrifluo...	2.288	101	437	0.222	ug/l	96
10) Methyl Iodide	2.428	142	1299	0.537	ug/l #	91
11) Tert butyl alcohol	2.959	59	5632	9.762	ug/l #	77
13) Acrolein	2.258	56	418	1.088	ug/l #	54
15) Acrylonitrile	3.111	53	331	0.295	ug/l	90
16) Acetone	2.367	43	354	0.326	ug/l #	40
20) Methylene Chloride	2.782	84	3953	1.692	ug/l #	81
29) Tetrahydrofuran	5.074	42	1735	1.650	ug/l #	45
31) Cyclohexane	5.550	56	4220	1.285	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15593	5.323	ug/l #	50
38) Carbon Tetrachloride	5.550	117	21112	6.905	ug/l #	16
43) Isopropyl Acetate	6.385	43	3790	0.713	ug/l #	57
44) Trichloroethene	7.129	130	1241	0.514	ug/l	93
53) t-1,3-Dichloropropene	8.994	75	137	2.772	ug/l #	44
54) cis-1,3-Dichloropropene	8.360	75	68	2.190	ug/l #	36
58) 2-Chloroethyl Vinyl ether	8.251	63	116	4.748	ug/l #	45
60) Dibromochloromethane	9.293	129	43	3.128	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	70086	28.505	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	70086	76.774	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.597	180	844	0.341	ug/l	93
94) Hexachlorobutadiene	13.731	225	246	0.235	ug/l	77
95) Naphthalene	13.780	128	2101	1.500	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	750	0.302	ug/l	80

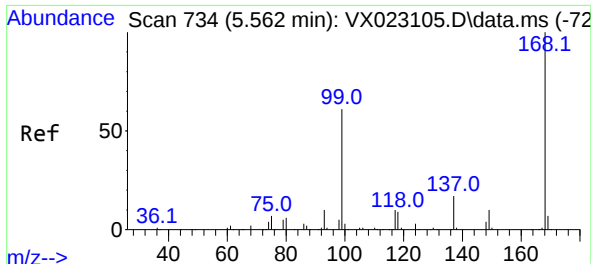
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
Data File : VX023243.D
Acq On : 12 Jul 2021 15:48
Operator : JC/MD
Sample : M2965-01ME
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 12 16:14:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

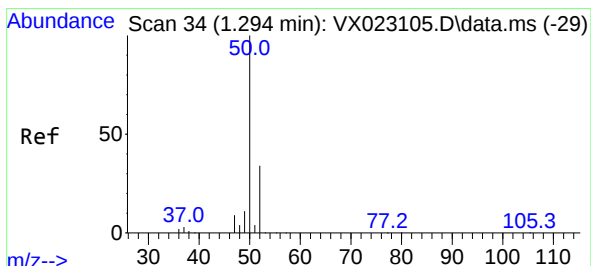
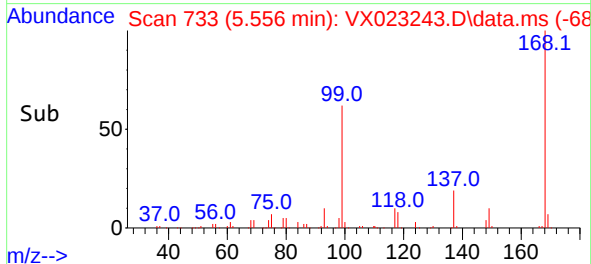
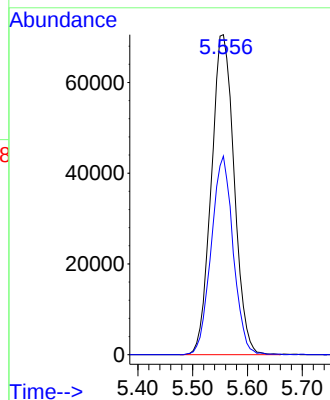
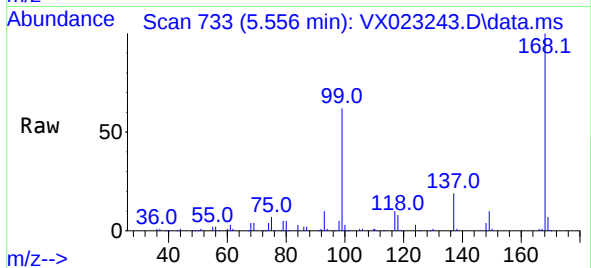




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

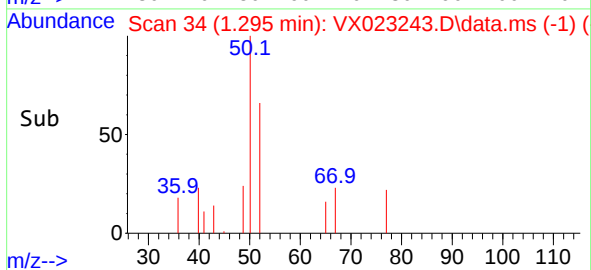
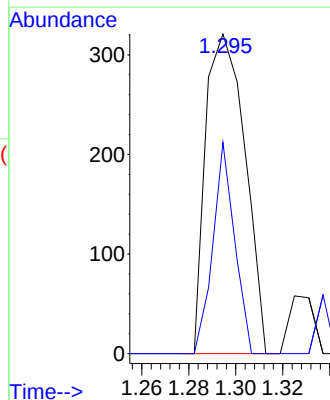
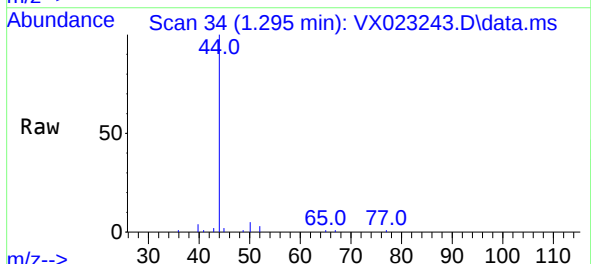
Instrument :
MSVOA_X
ClientSampleId :

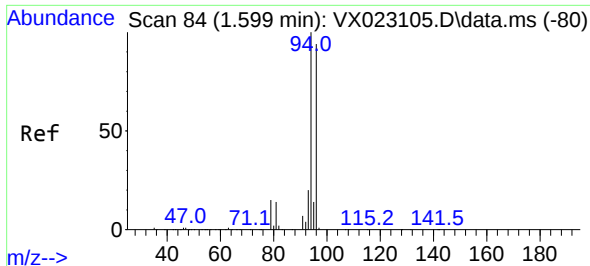
Tgt Ion:168 Resp: 204040
Ion Ratio Lower Upper
168 100
99 62.1 45.8 68.6



#3
Chloromethane
Concen: 0.204 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

Tgt Ion: 50 Resp: 373
Ion Ratio Lower Upper
50 100
52 66.0 26.4 39.6#

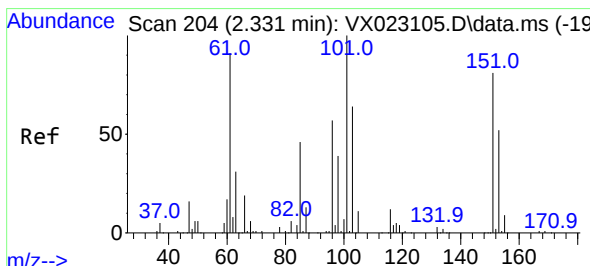
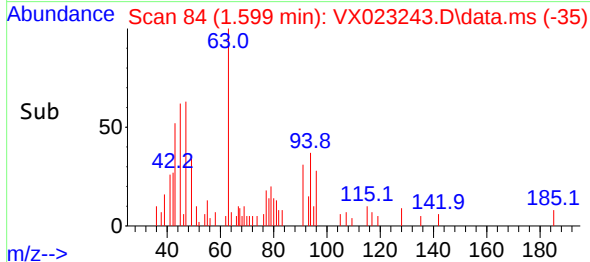
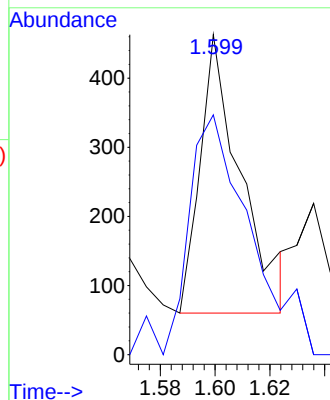
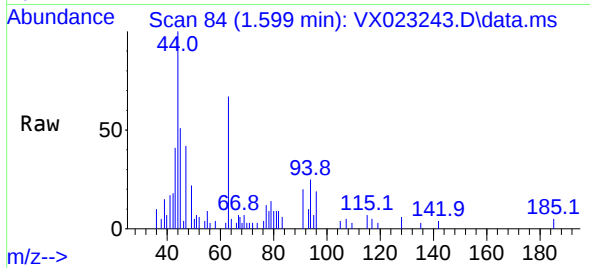




#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

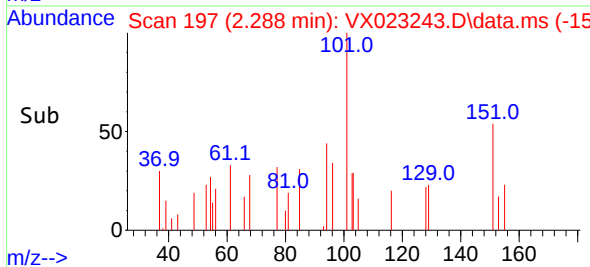
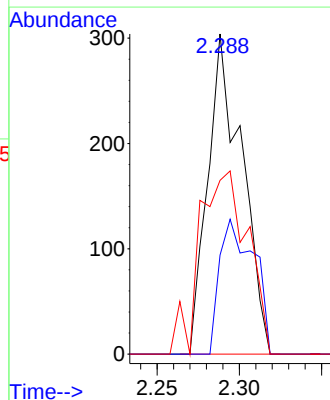
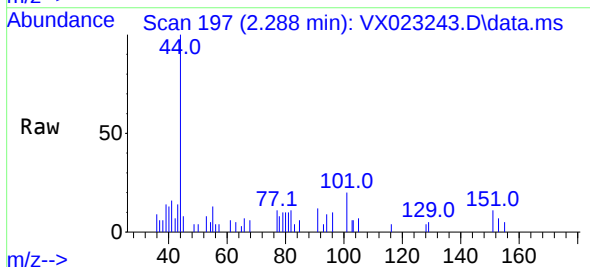
Instrument :
MSVOA_X
ClientSampled :

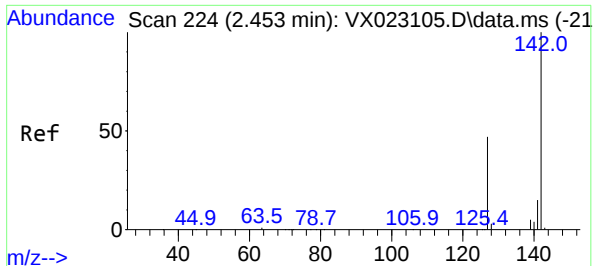
Tgt Ion: 94 Resp: 417
Ion Ratio Lower Upper
94 100
96 70.2 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.222 ug/l
RT: 2.288 min Scan# 197
Delta R.T. -0.043 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

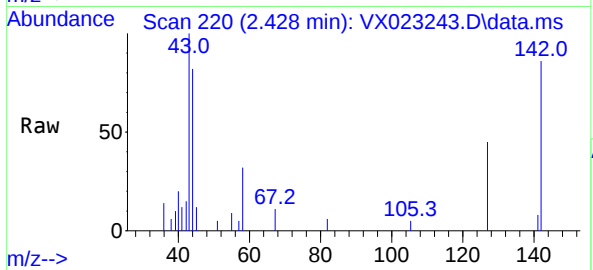
Tgt Ion: 101 Resp: 437
Ion Ratio Lower Upper
101 100
85 42.6 34.9 52.3
151 80.8 61.4 92.2



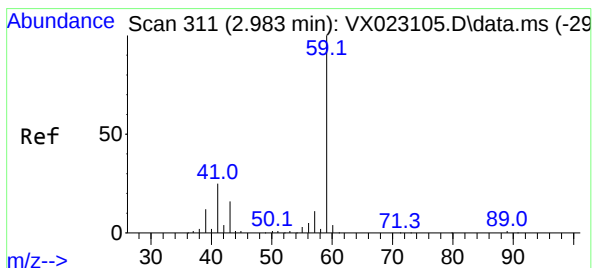
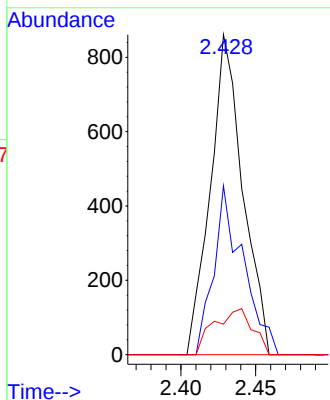
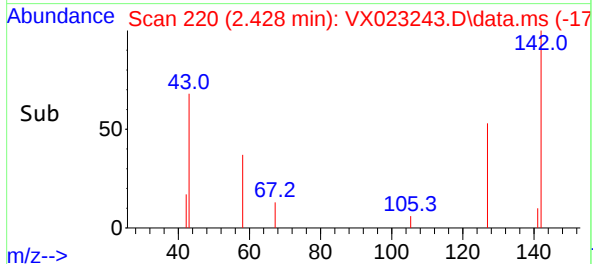


#10
Methyl Iodide
Concen: 0.537 ug/l
RT: 2.428 min Scan# 220
Delta R.T. -0.025 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

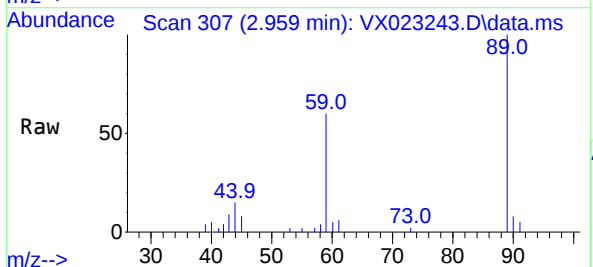
Instrument :
MSVOA_X
ClientSampled :



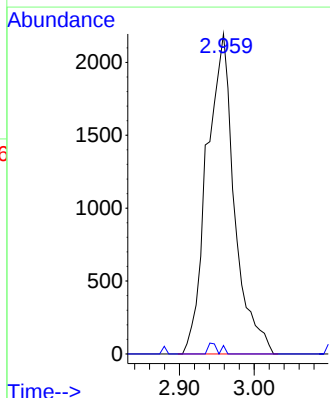
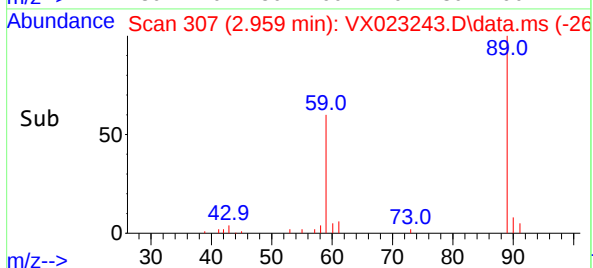
Tgt Ion:142 Resp: 1299
Ion Ratio Lower Upper
142 100
127 47.9 33.3 49.9
141 17.1 11.4 17.0#

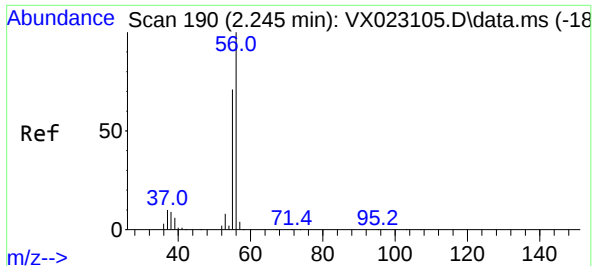


#11
Tert butyl alcohol
Concen: 9.762 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48



Tgt Ion: 59 Resp: 5632
Ion Ratio Lower Upper
59 100
57 1.3 7.8 11.8#

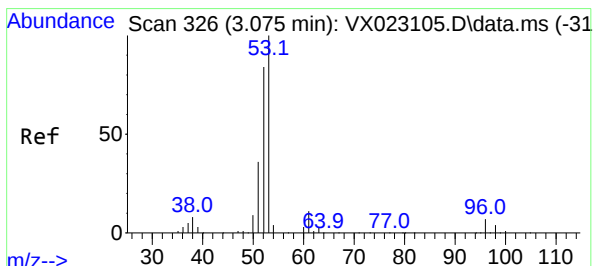
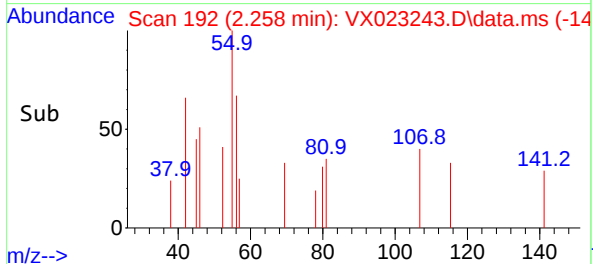
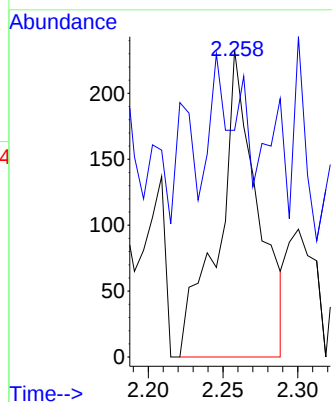
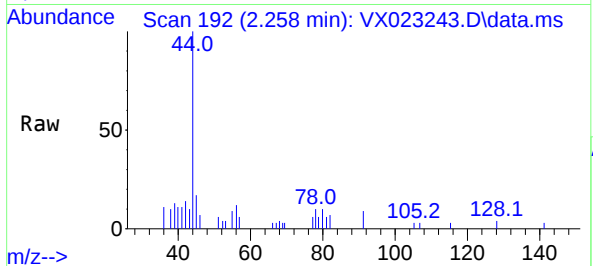




#13
Acrolein
Concen: 1.088 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.013 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

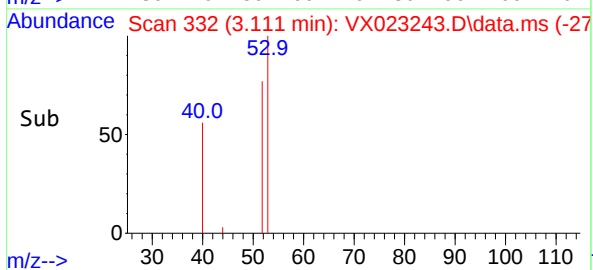
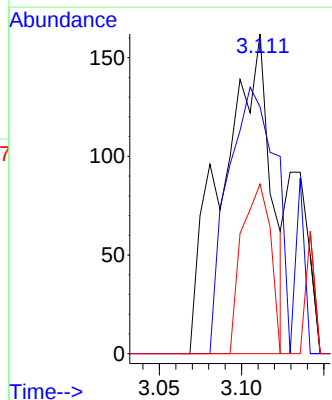
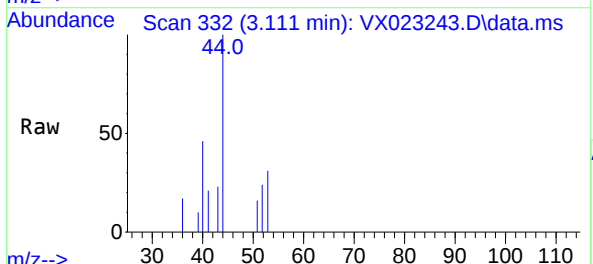
Instrument :
MSVOA_X
ClientSampled :

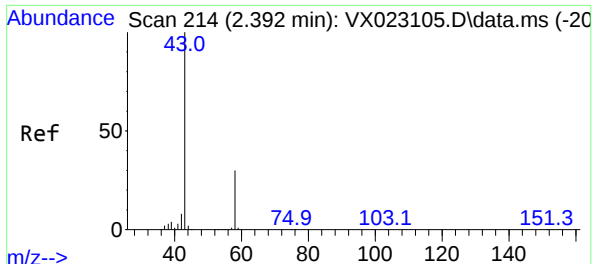
Tgt Ion: 56 Resp: 418
Ion Ratio Lower Upper
56 100
55 32.5 56.4 84.6#



#15
Acrylonitrile
Concen: 0.295 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.036 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

Tgt Ion: 53 Resp: 331
Ion Ratio Lower Upper
53 100
52 92.1 65.3 97.9
51 31.4 28.2 42.2

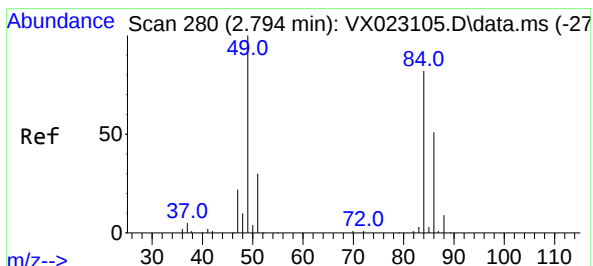
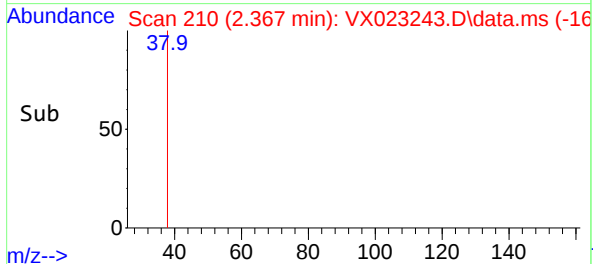
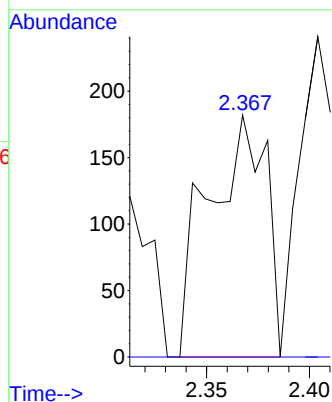
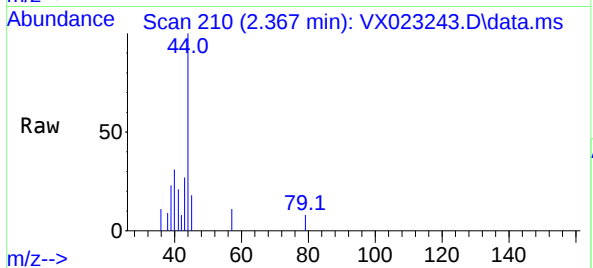




#16
Acetone
Concen: 0.326 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.025 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

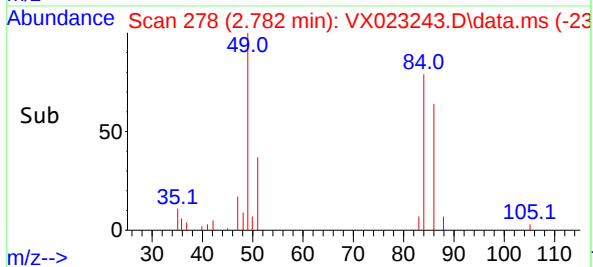
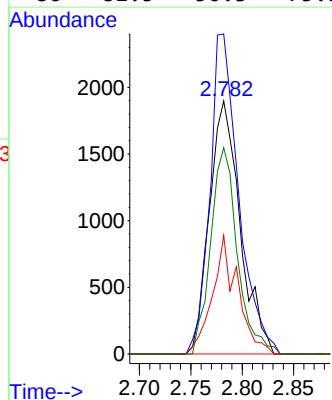
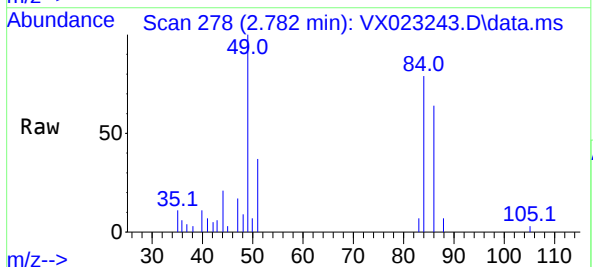
Instrument :
MSVOA_X
ClientSampled :

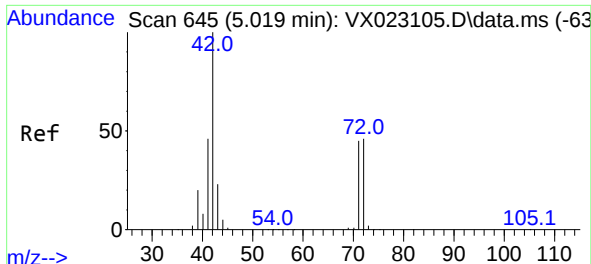
Tgt Ion: 43 Resp: 354
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#20
Methylene Chloride
Concen: 1.692 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.012 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

Tgt Ion: 84 Resp: 3953
Ion Ratio Lower Upper
84 100
49 126.5 88.6 132.8
51 46.8 27.0 40.6#
86 81.5 50.3 75.5#



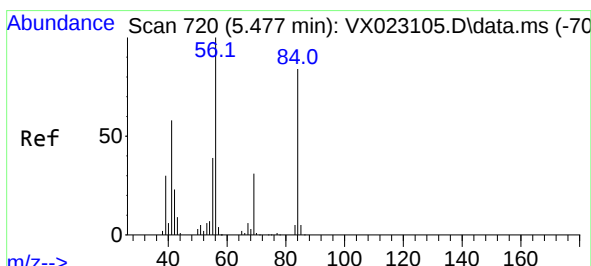
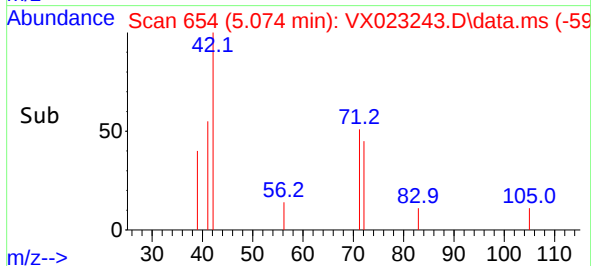
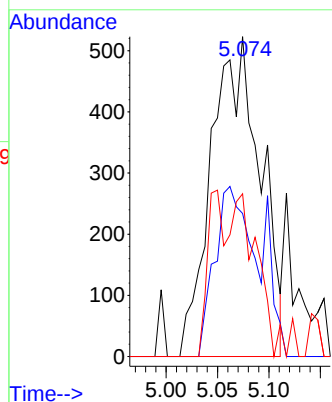
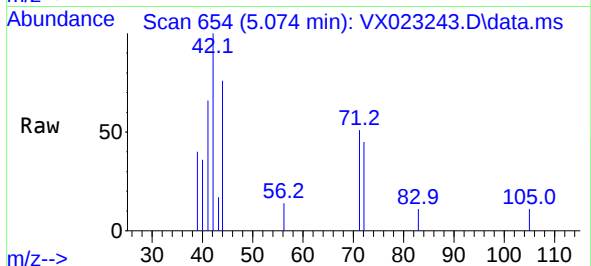


#29
Tetrahydrofuran
Concen: 1.650 ug/l
RT: 5.074 min Scan# 654
Delta R.T. 0.055 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 42 Resp: 1735

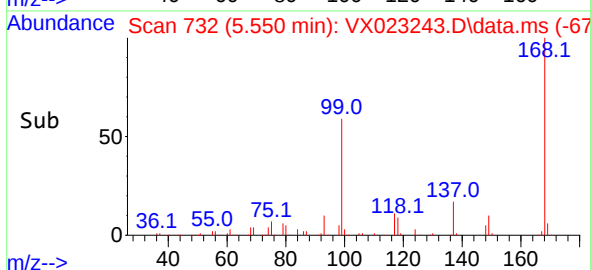
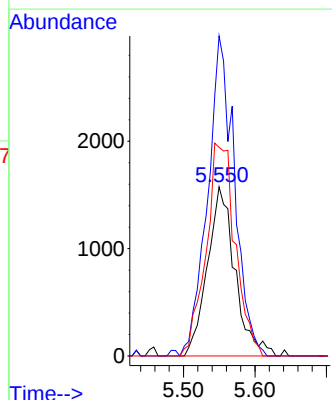
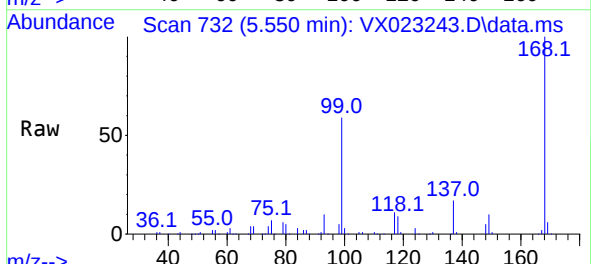
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	24.6	38.4	57.6#

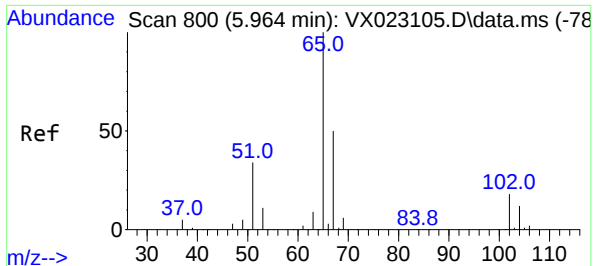


#31
Cyclohexane
Concen: 1.285 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

Tgt Ion: 56 Resp: 4220

Ion	Ratio	Lower	Upper
56	100		
69	189.1	25.3	37.9#
84	123.3	71.4	107.0#

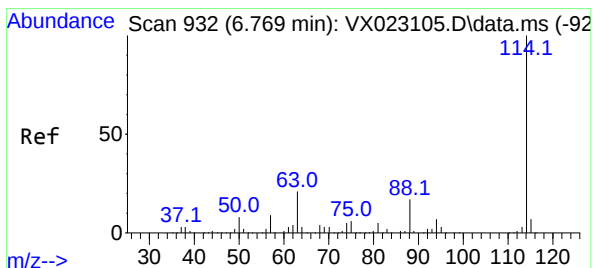
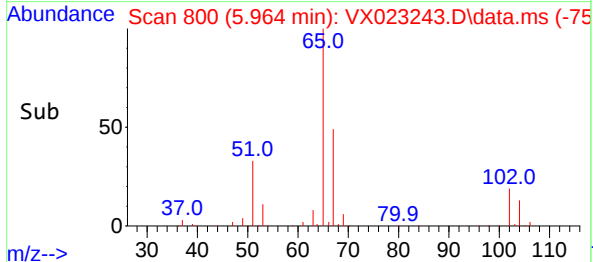
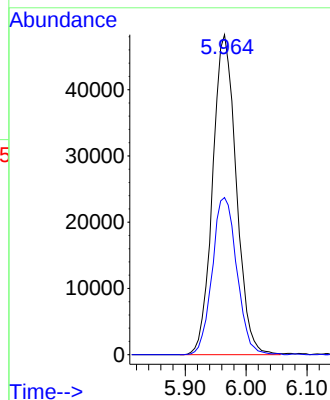
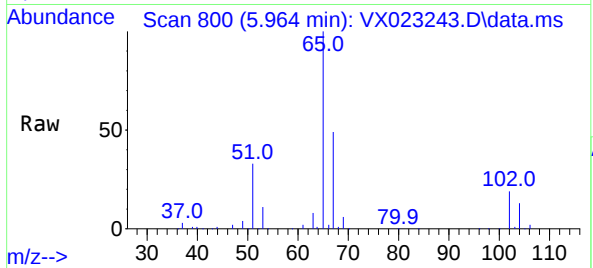




#33
1,2-Dichloroethane-d4
Concen: 47.390 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

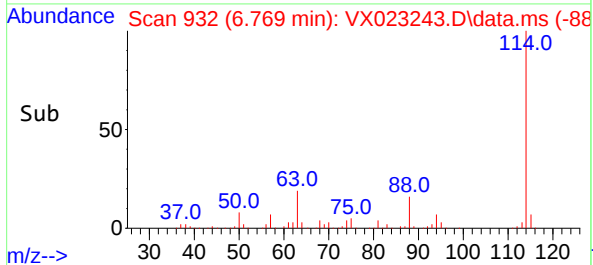
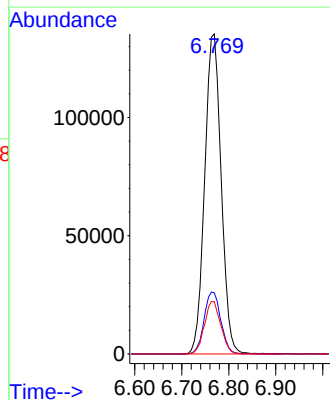
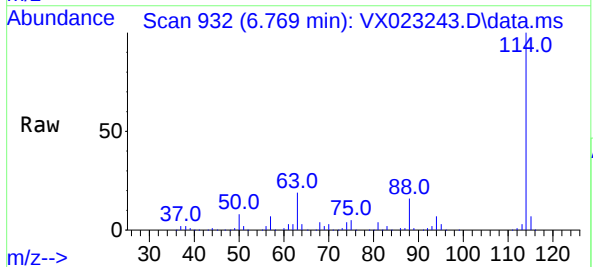
Instrument :
MSVOA_X
ClientSampled :

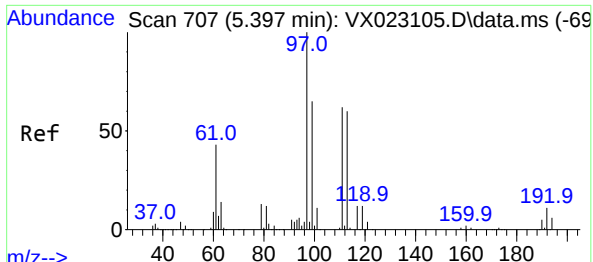
Tgt Ion: 65 Resp: 129956
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

Tgt Ion: 114 Resp: 328582
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.8
88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.649 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023243.D

Acq: 12 Jul 2021 15:48

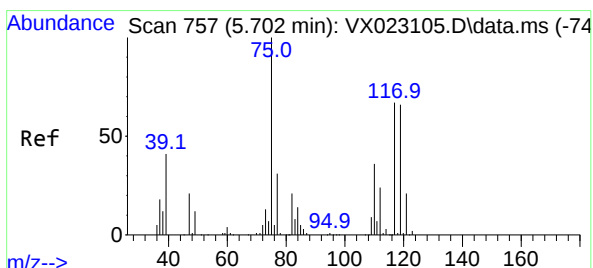
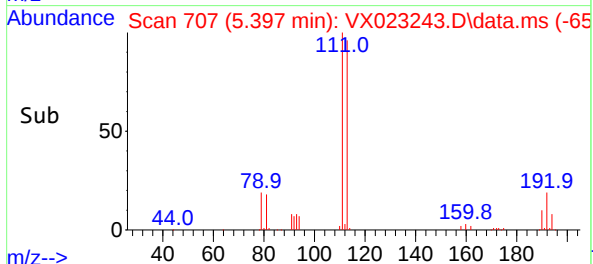
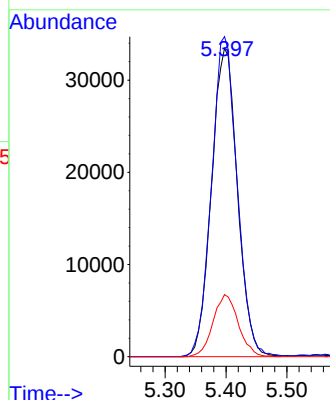
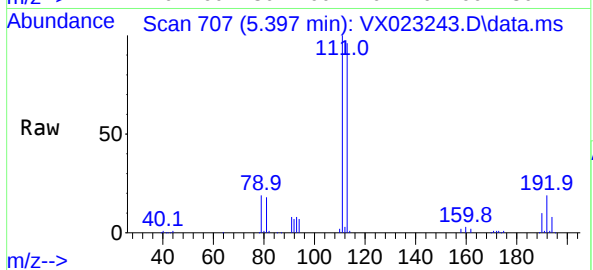
Tgt Ion:113 Resp: 98981

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

192 19.6 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.323 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023243.D

Acq: 12 Jul 2021 15:48

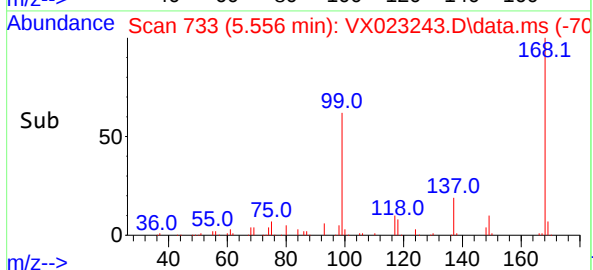
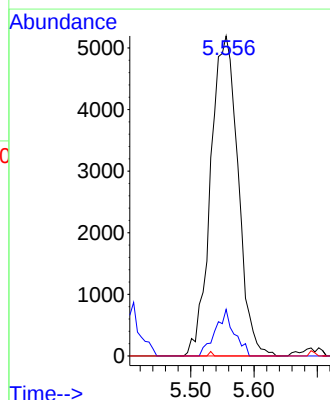
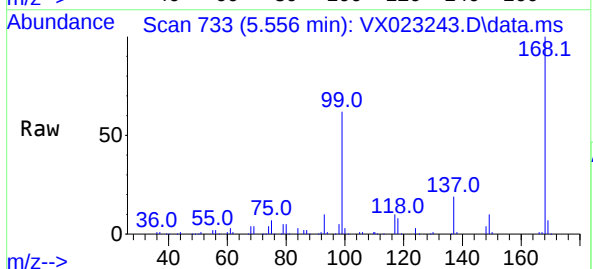
Tgt Ion: 75 Resp: 15593

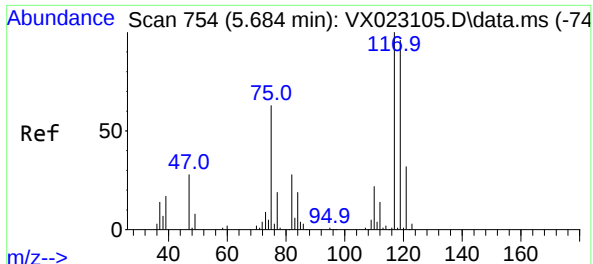
Ion Ratio Lower Upper

75 100

110 10.0 18.1 54.4#

77 0.0 25.3 37.9#

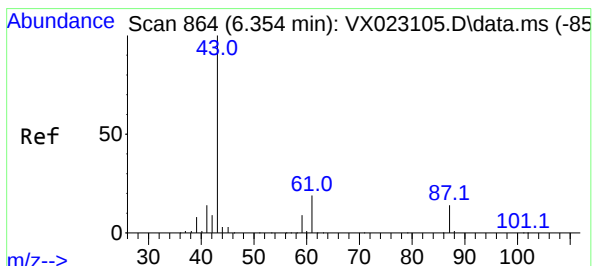
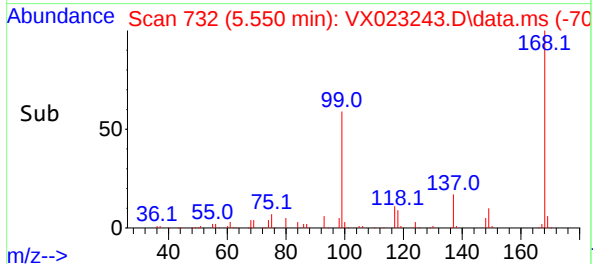
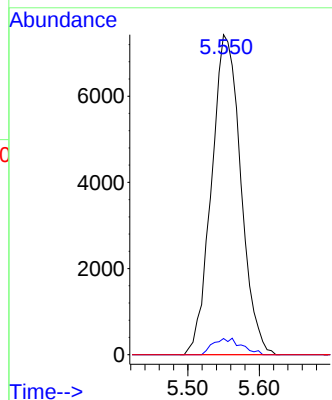
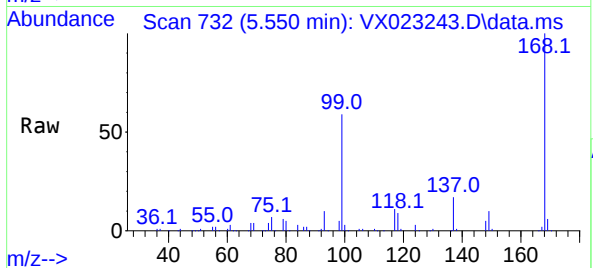




#38
Carbon Tetrachloride
Concen: 6.905 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

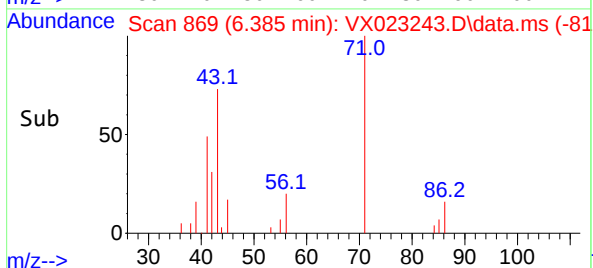
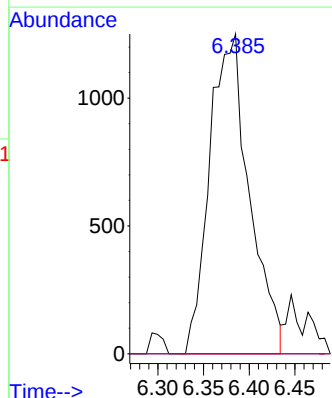
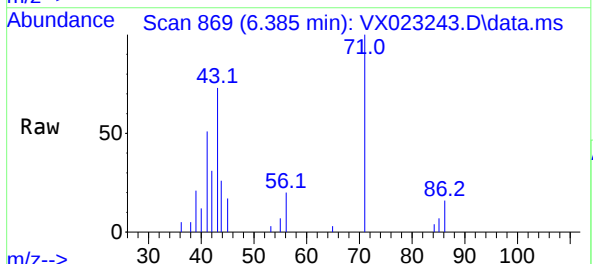
Instrument :
MSVOA_X
ClientSampleId :

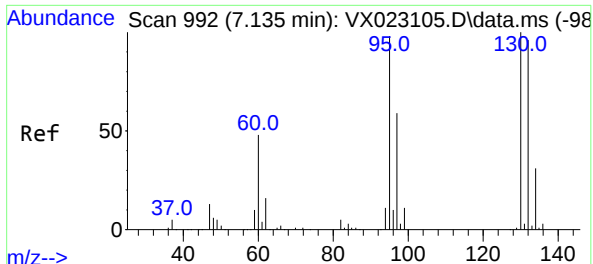
Tgt Ion:117 Resp: 21112
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 0.713 ug/l
RT: 6.385 min Scan# 869
Delta R.T. 0.031 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

Tgt Ion: 43 Resp: 3790
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#





#44

Trichloroethene

Concen: 0.514 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.006 min

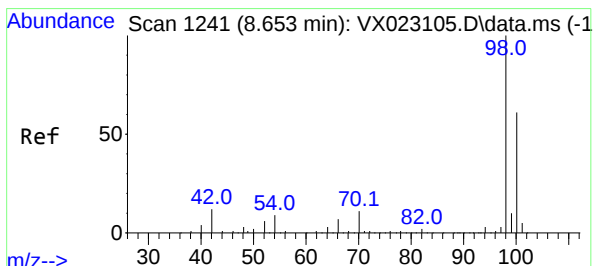
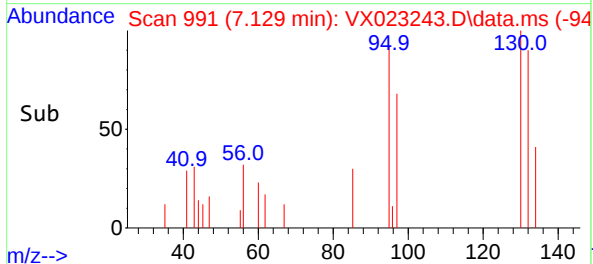
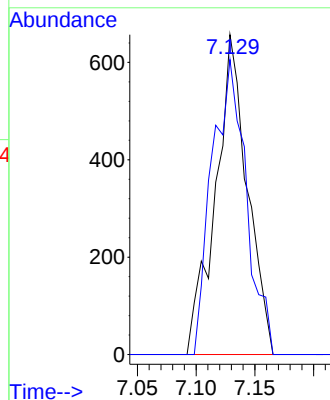
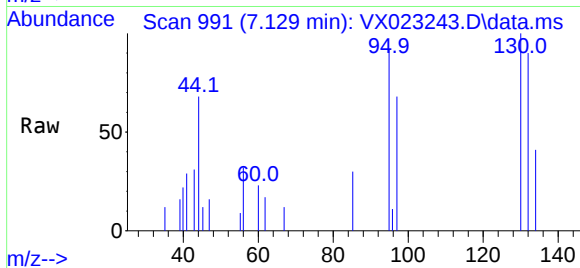
Lab File: VX023243.D

Acq: 12 Jul 2021 15:48

Tgt Ion:130 Resp: 1241

Ion Ratio Lower Upper

130	100		
95	92.2	0.0	198.0



#50

Toluene-d8

Concen: 48.906 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

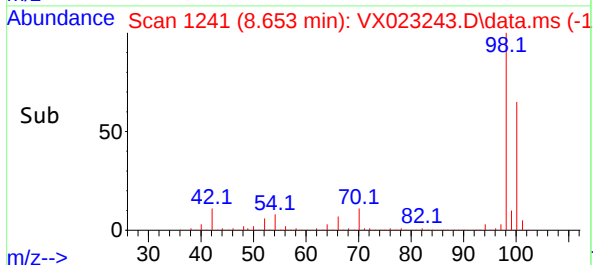
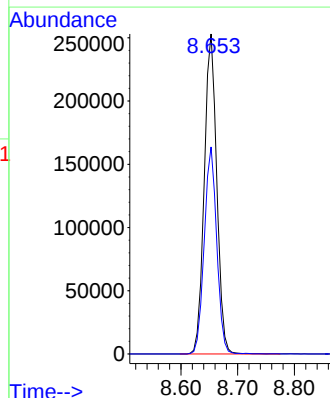
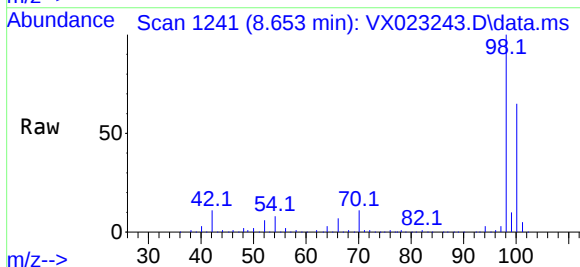
Lab File: VX023243.D

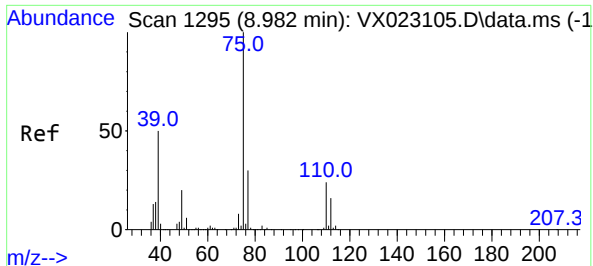
Acq: 12 Jul 2021 15:48

Tgt Ion: 98 Resp: 387087

Ion Ratio Lower Upper

98	100		
100	64.6	51.9	77.9

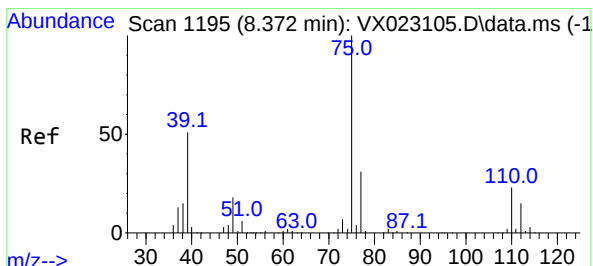
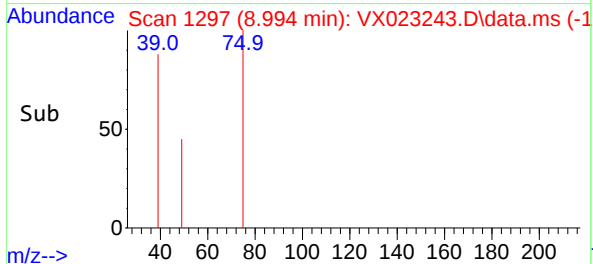
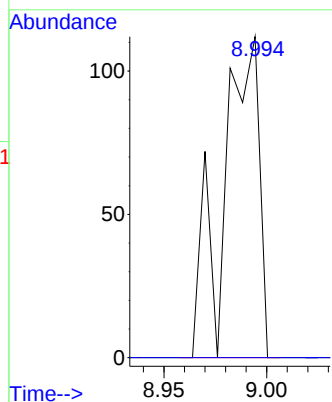
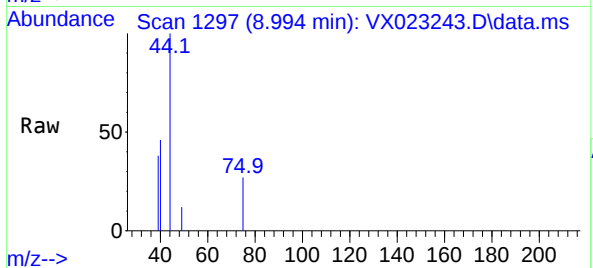




#53
t-1,3-Dichloropropene
Concen: 2.772 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

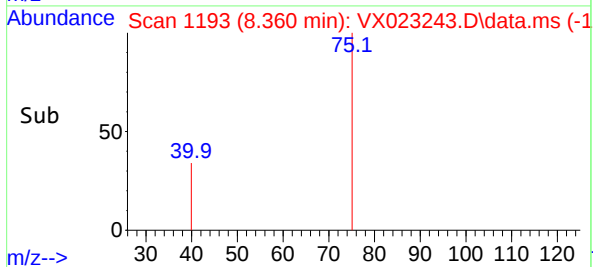
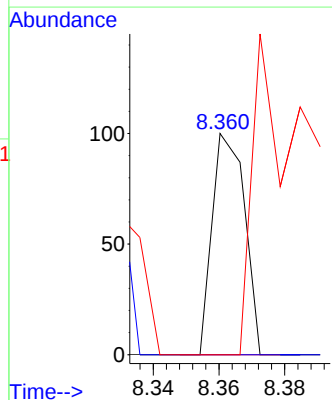
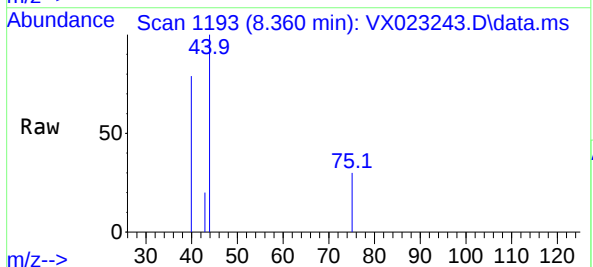
Instrument :
MSVOA_X
ClientSampled :

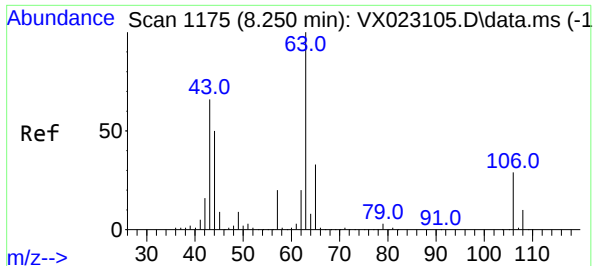
Tgt Ion: 75 Resp: 137
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 2.190 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.012 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

Tgt Ion: 75 Resp: 68
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 0.0 35.1 52.7#

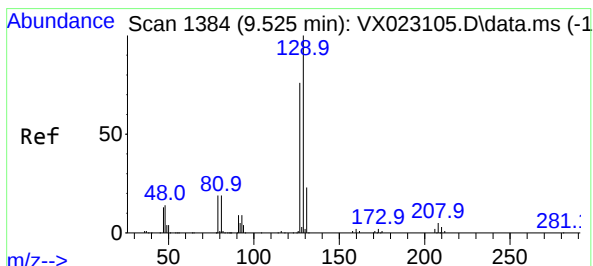
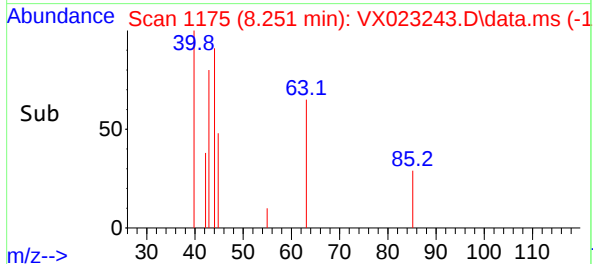
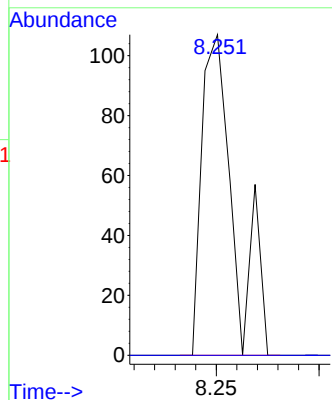
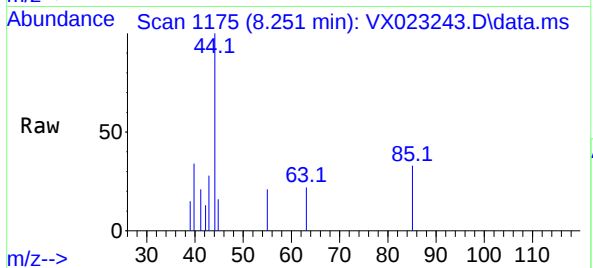




#58
2-Chloroethyl Vinyl ether
Concen: 4.748 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.001 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

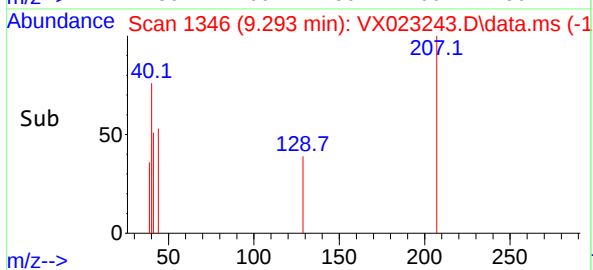
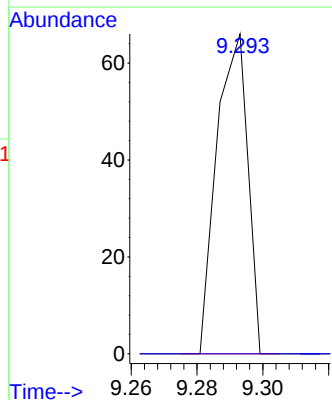
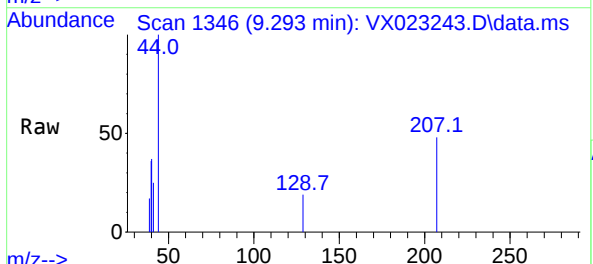
Instrument :
MSVOA_X
ClientSampled :

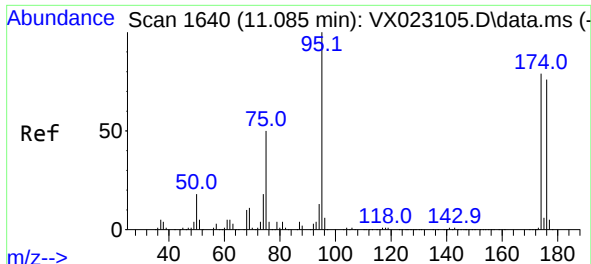
Tgt Ion: 63 Resp: 116
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#



#60
Dibromochloromethane
Concen: 3.128 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. -0.232 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

Tgt Ion: 129 Resp: 43
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

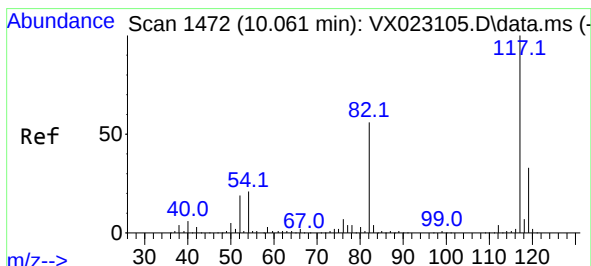
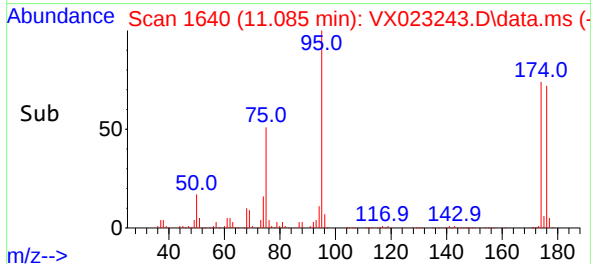
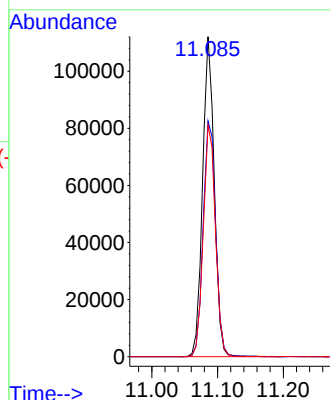
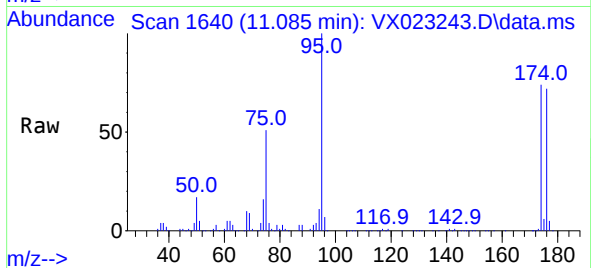




#62
4-Bromofluorobenzene
Concen: 45.336 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

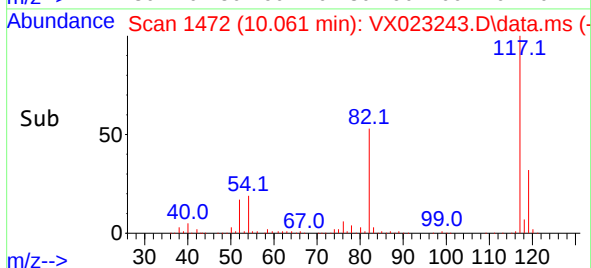
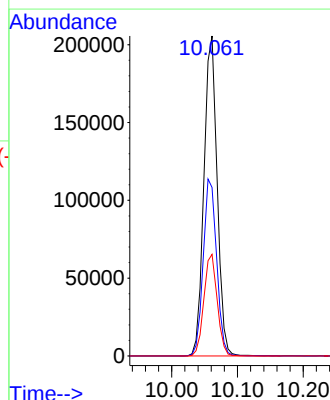
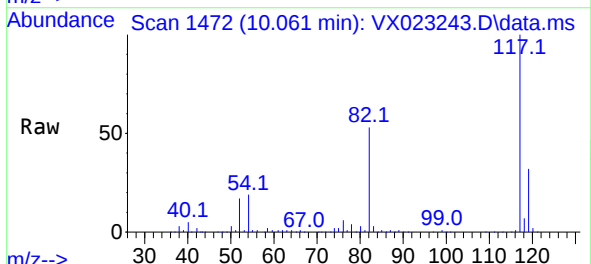
Instrument :
MSVOA_X
ClientSampleId :

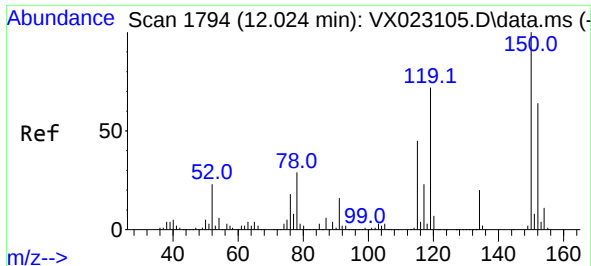
Tgt Ion: 95 Resp: 138529
Ion Ratio Lower Upper
95 100
174 78.6 0.0 154.6
176 75.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

Tgt Ion: 117 Resp: 287831
Ion Ratio Lower Upper
117 100
82 52.6 47.4 71.2
119 31.7 26.6 39.8

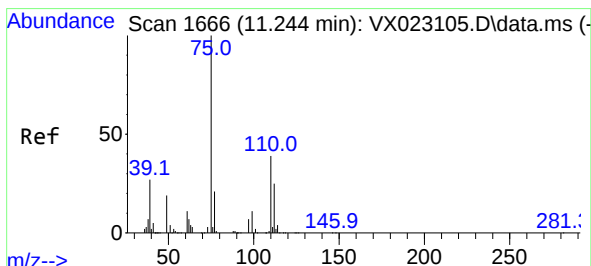
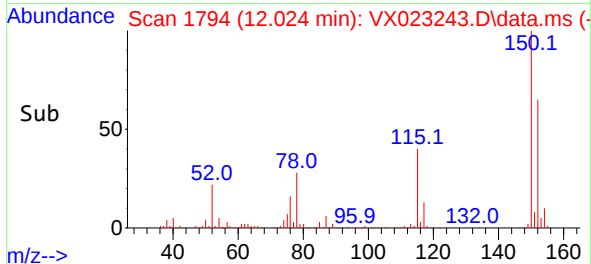
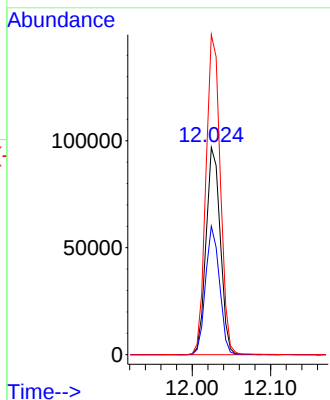
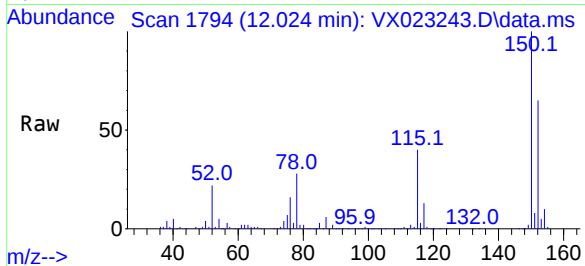




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

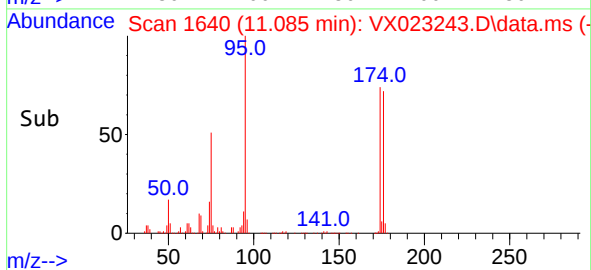
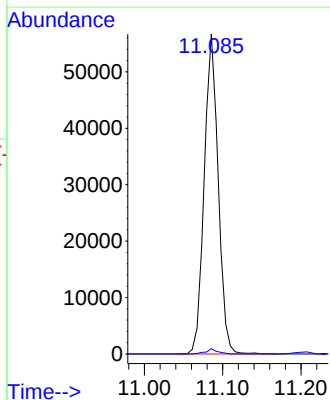
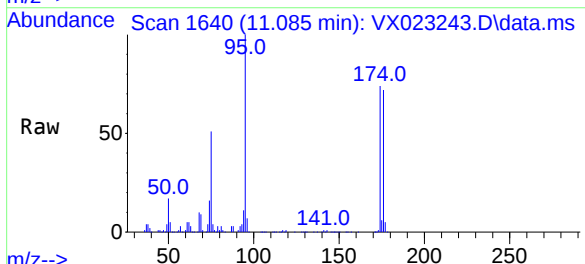
Instrument :
MSVOA_X
ClientSampled :

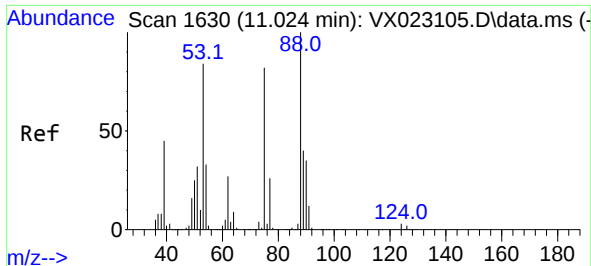
Tgt Ion:152 Resp: 122182
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 155.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.505 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

Tgt Ion: 75 Resp: 70086
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

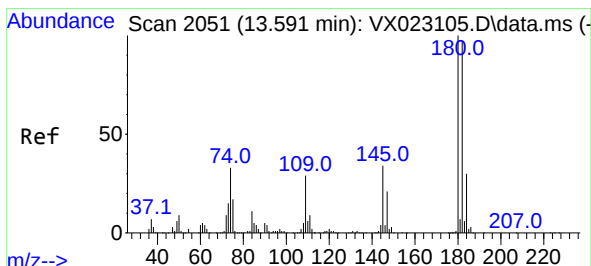
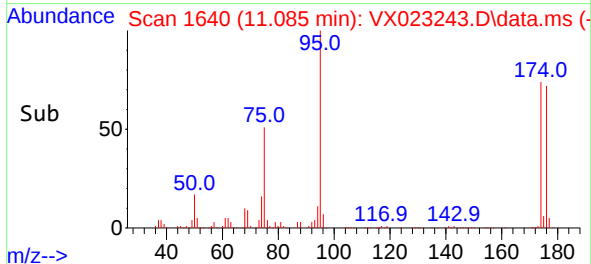
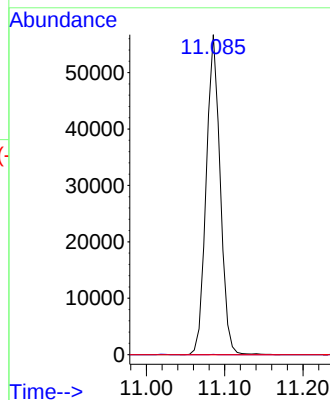
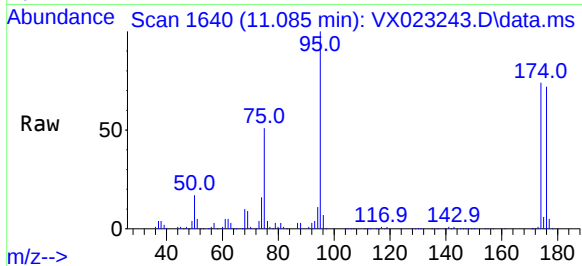




#81
trans-1,4-Dichloro-2-butene
Concen: 76.774 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

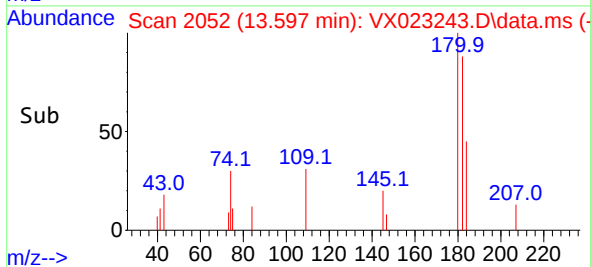
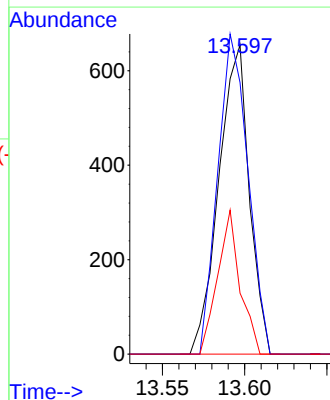
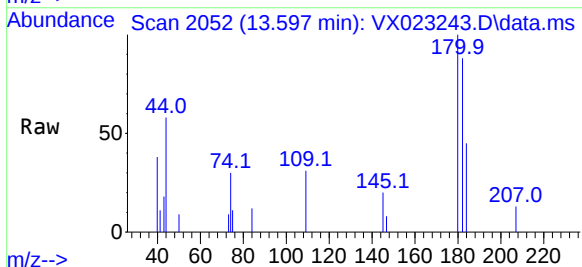
Instrument :
MSVOA_X
ClientSampled :

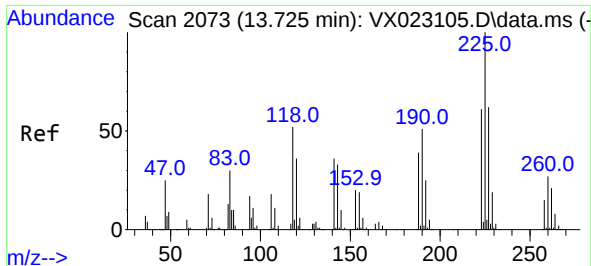
Tgt Ion: 75 Resp: 70086
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.341 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

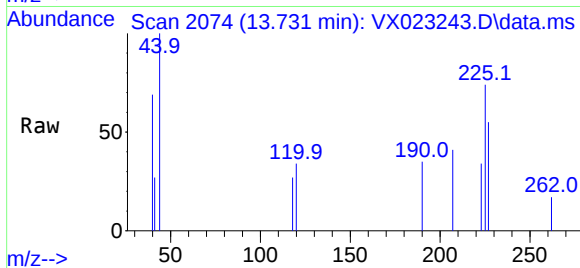
Tgt Ion:180 Resp: 844
Ion Ratio Lower Upper
180 100
182 102.3 47.7 143.1
145 34.2 15.0 45.0



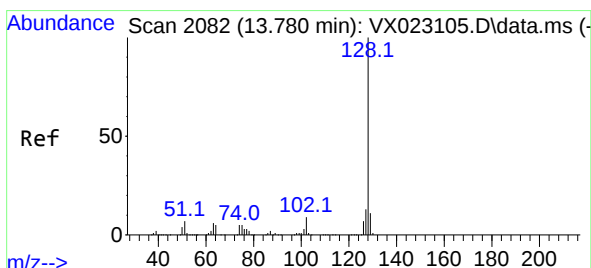
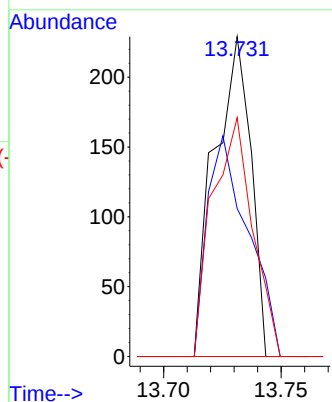
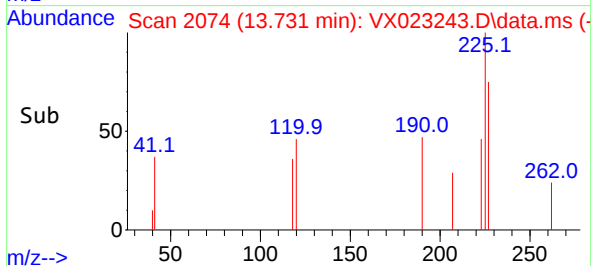


#94
Hexachlorobutadiene
Concen: 0.235 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48

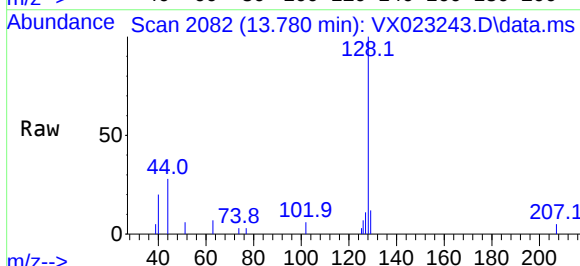
Instrument :
MSVOA_X
ClientSampled :



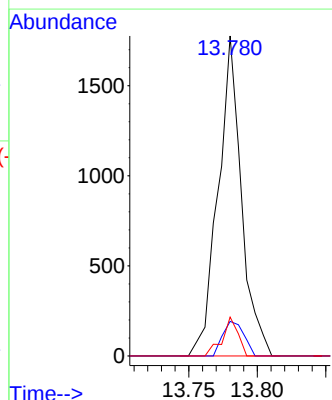
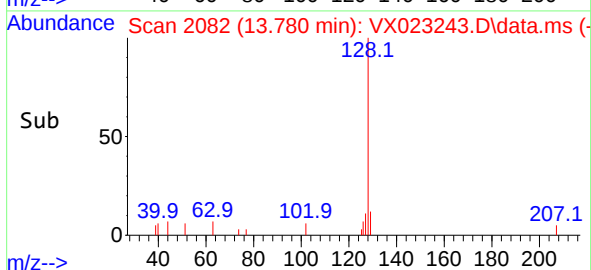
Tgt Ion:225 Resp: 246
Ion Ratio Lower Upper
225 100
223 77.6 31.1 93.2
227 82.9 31.6 95.0

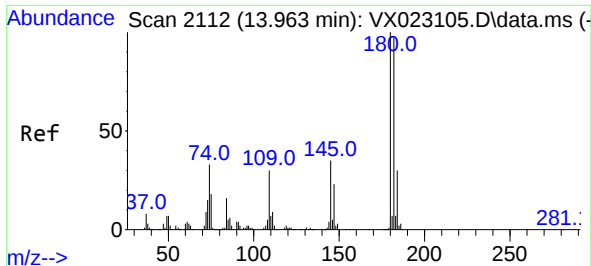


#95
Naphthalene
Concen: 1.500 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023243.D
Acq: 12 Jul 2021 15:48



Tgt Ion:128 Resp: 2101
Ion Ratio Lower Upper
128 100
127 9.8 10.3 15.5#
129 8.1 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.302 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX023243.D
 Acq: 12 Jul 2021 15:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:180	Resp:	750
Ion	Ratio	Lower Upper
180	100	
182	72.8	47.6 142.9
145	26.9	16.1 48.3

