

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023159.D
 Acq On : 07 Jul 2021 09:48
 Operator : JC/MD
 Sample : VX0707MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 08 03:14:36 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)

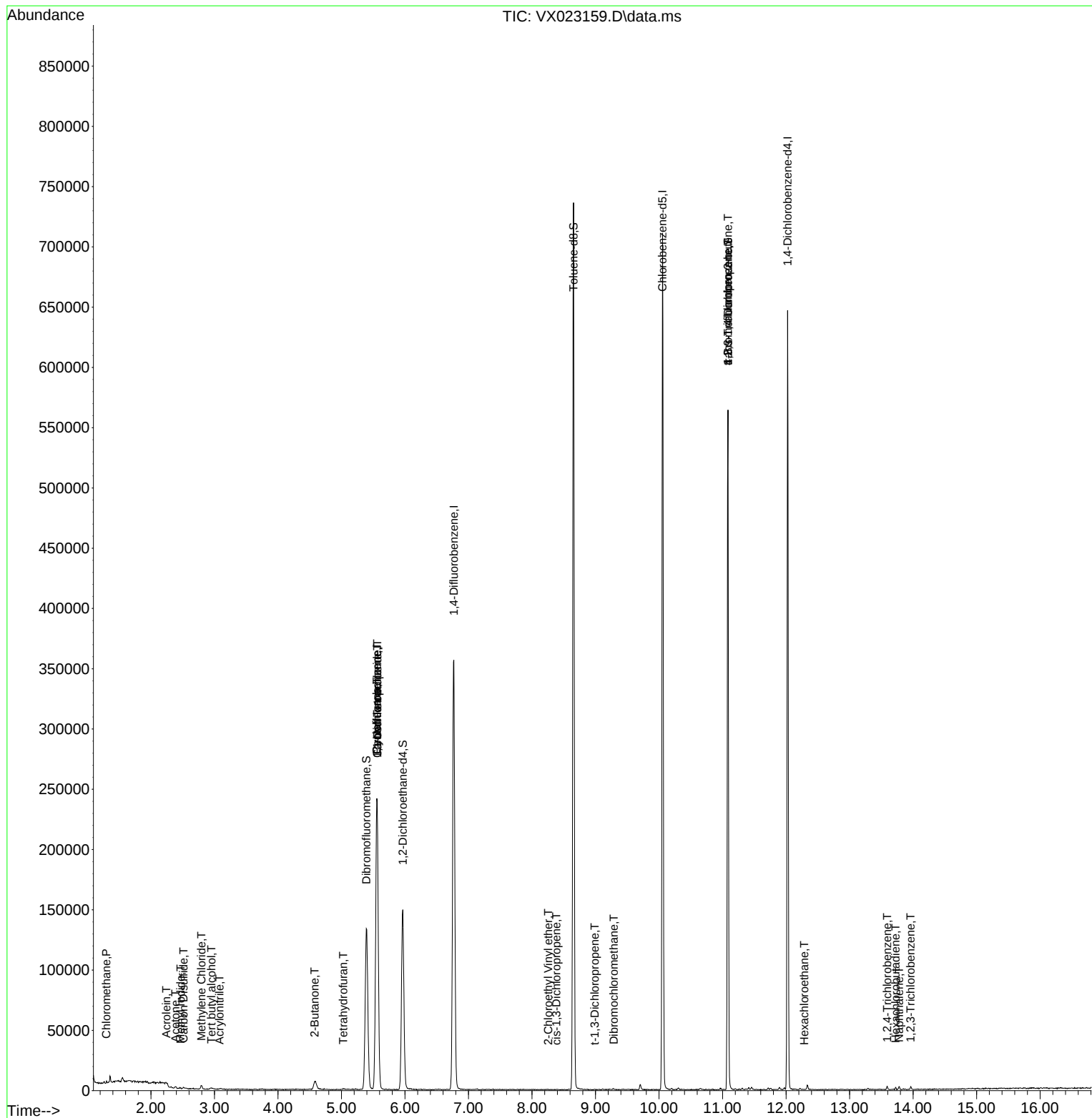
Internal Standards						
1) Pentafluorobenzene	5.556	168	226701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	361858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	150218	49.303	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.600%		
35) Dibromofluoromethane	5.391	113	115930	49.612	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.220%		
50) Toluene-d8	8.653	98	426639	48.946	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.900%		
62) 4-Bromofluorobenzene	11.085	95	149973	44.568	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.140%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	601	0.296	ug/l	97
5) Bromomethane	1.617	94	442	Below Cal	#	66
10) Methyl Iodide	2.465	142	675	0.251	ug/l #	89
11) Tert butyl alcohol	2.953	59	1132	1.766	ug/l #	73
13) Acrolein	2.239	56	386	0.904	ug/l #	1
15) Acrylonitrile	3.081	53	390	0.313	ug/l #	70
16) Acetone	2.386	43	1559	1.293	ug/l	92
17) Carbon Disulfide	2.514	76	1145	0.269	ug/l	97
20) Methylene Chloride	2.794	84	1257	0.484	ug/l #	82
25) 2-Butanone	4.574	43	444	0.244	ug/l	96
29) Tetrahydrofuran	5.025	42	426	0.365	ug/l #	36
31) Cyclohexane	5.556	56	5002	1.371	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	17958	5.567	ug/l #	51
38) Carbon Tetrachloride	5.562	117	23843	7.081	ug/l #	17
53) t-1,3-Dichloropropene	8.988	75	174	2.777	ug/l #	44
54) cis-1,3-Dichloropropene	8.385	75	50	2.184	ug/l #	36
58) 2-Chloroethyl Vinyl ether	8.257	63	66	4.720	ug/l #	45
60) Dibromochloromethane	9.287	129	23	3.120	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	78136	30.034	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	78136	80.637	ug/l #	12
90) Hexachloroethane	12.286	117	29	3.015	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.591	180	639	0.244	ug/l	86
94) Hexachlorobutadiene	13.725	225	377	0.340	ug/l	71
95) Naphthalene	13.780	128	1774	1.455	ug/l #	86
96) 1,2,3-Trichlorobenzene	13.963	180	759	0.288	ug/l	88

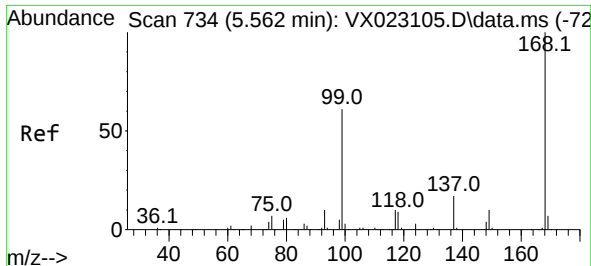
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VX0707MBL01
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 08 03:14:36 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

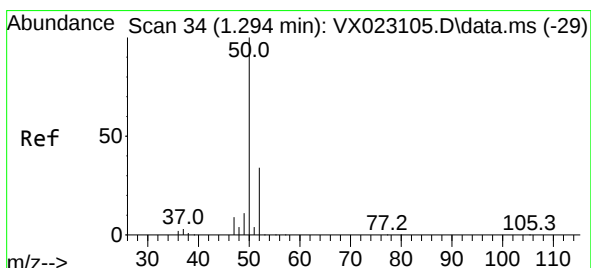
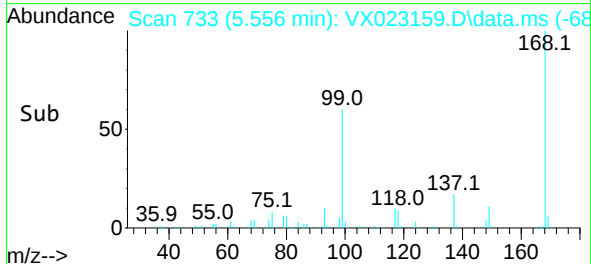
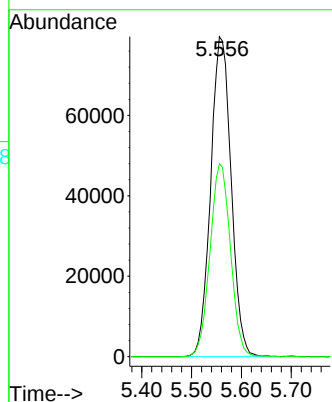
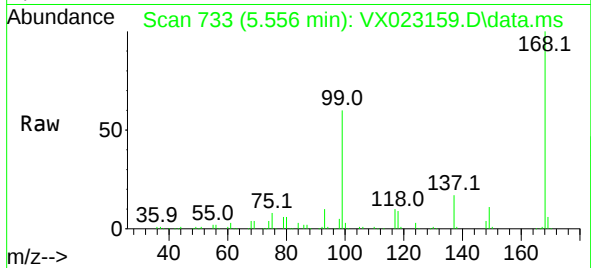




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

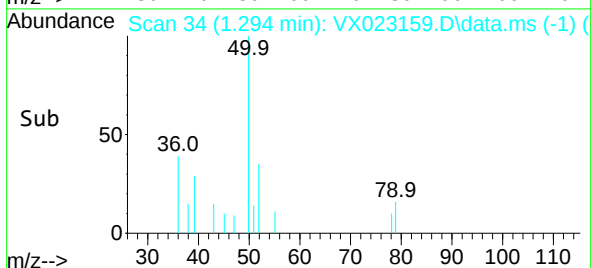
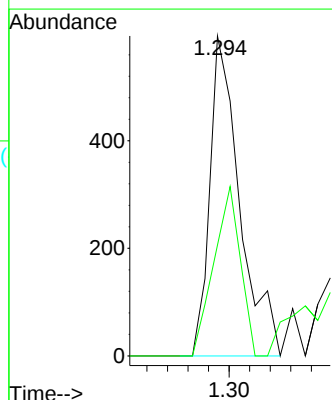
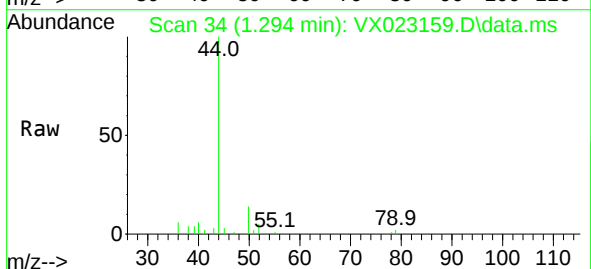
Instrument :
MSVOA_X
ClientSampled :

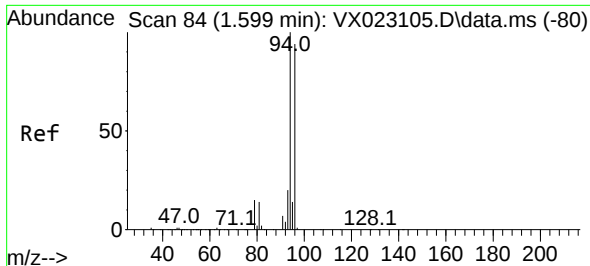
Tgt Ion:168 Resp: 226701
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.6



#3
Chloromethane
Concen: 0.296 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

Tgt Ion: 50 Resp: 601
Ion Ratio Lower Upper
50 100
52 34.6 26.4 39.6

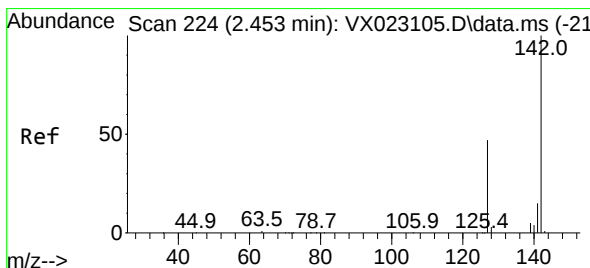
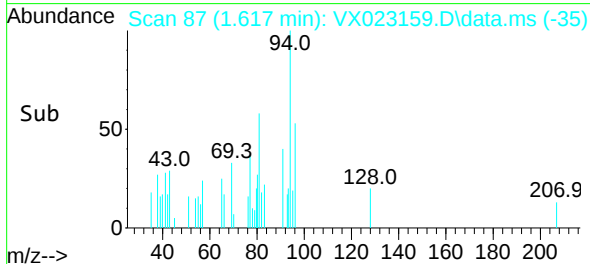
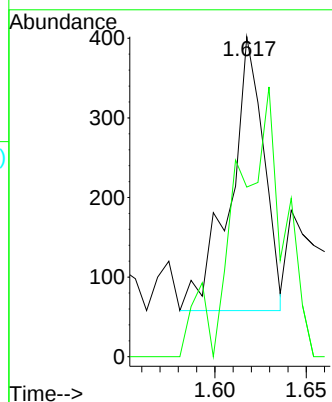
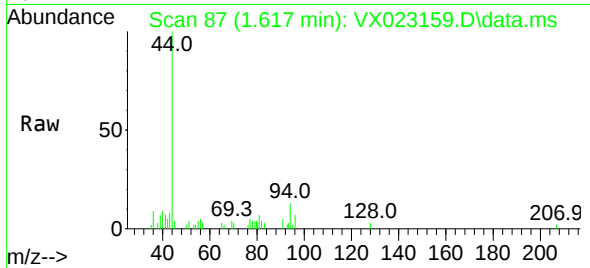




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

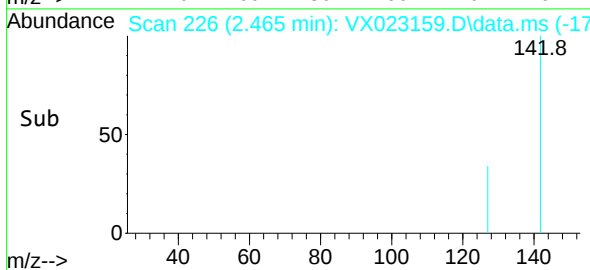
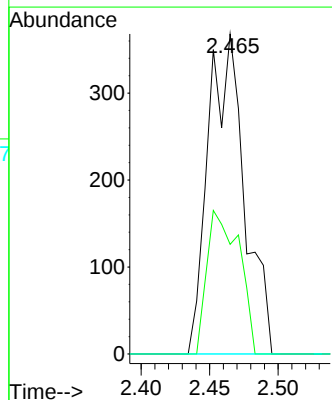
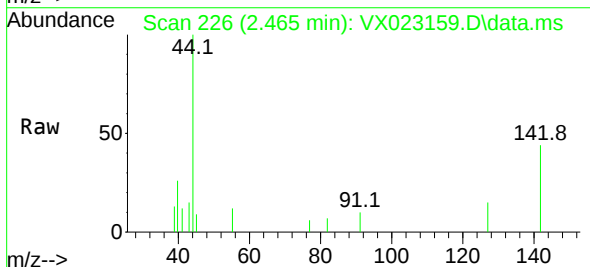
Instrument :
MSVOA_X
ClientSampled :

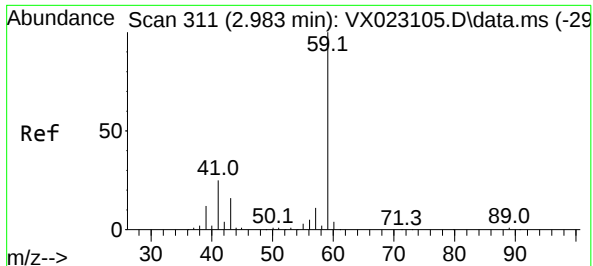
Tgt Ion: 94 Resp: 442
Ion Ratio Lower Upper
94 100
96 61.9 76.4 114.6#



#10
Methyl Iodide
Concen: 0.251 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

Tgt Ion: 142 Resp: 675
Ion Ratio Lower Upper
142 100
127 39.9 33.3 49.9
141 0.0 11.4 17.0#



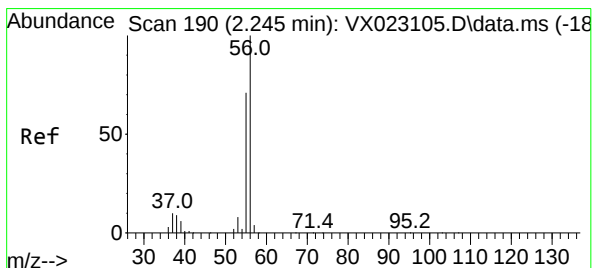
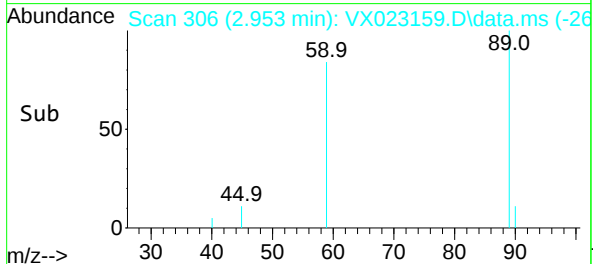
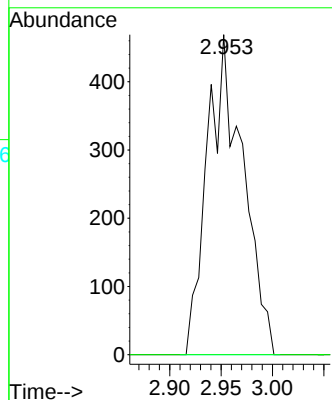
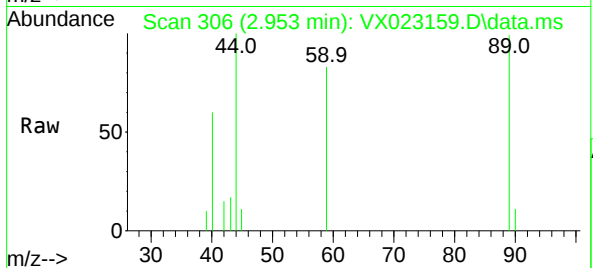


#11

Tert butyl alcohol
Concen: 1.766 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

Instrument :
MSVOA_X
ClientSampled :

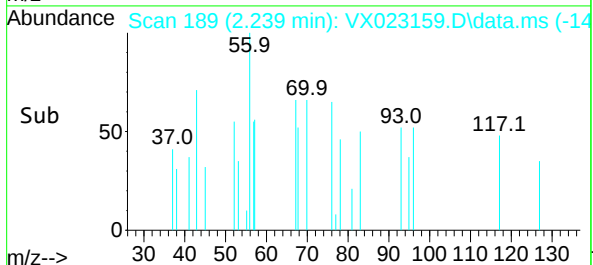
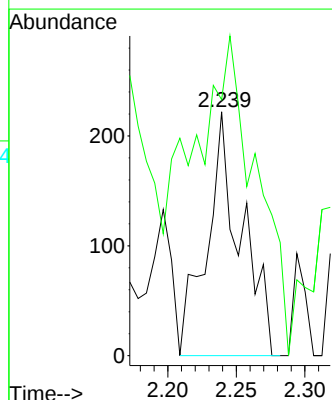
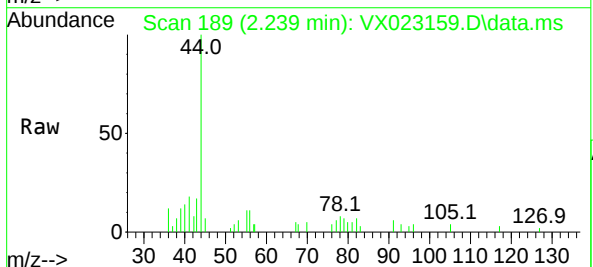
Tgt Ion: 59 Resp: 1132
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

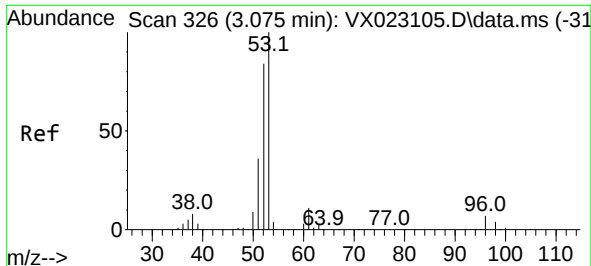


#13

Acrolein
Concen: 0.904 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

Tgt Ion: 56 Resp: 386
Ion Ratio Lower Upper
56 100
55 162.4 56.4 84.6#

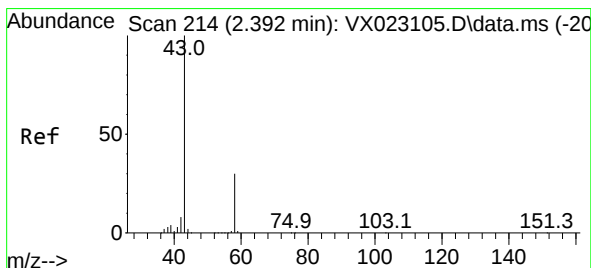
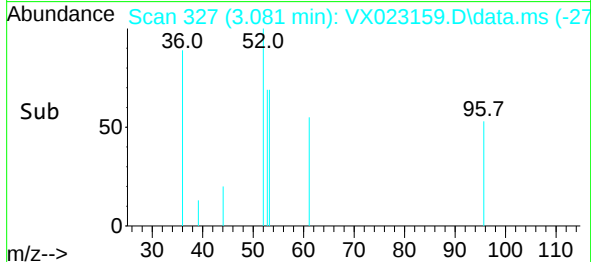
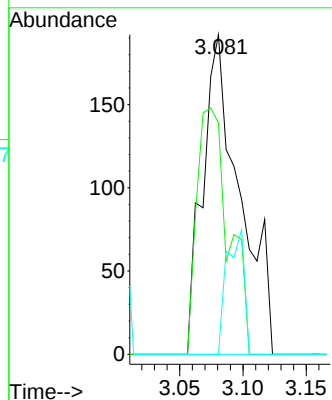
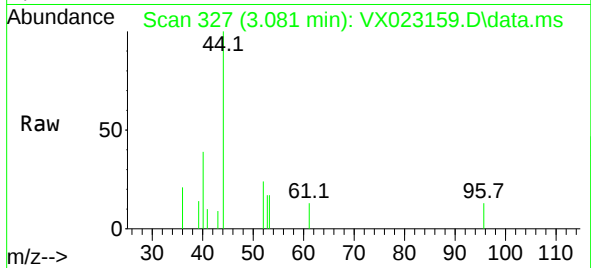




#15
Acrylonitrile
Concen: 0.313 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

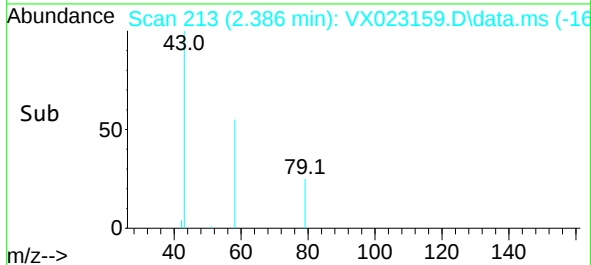
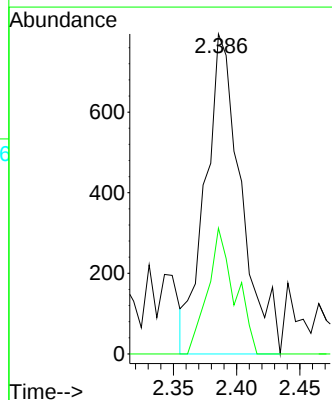
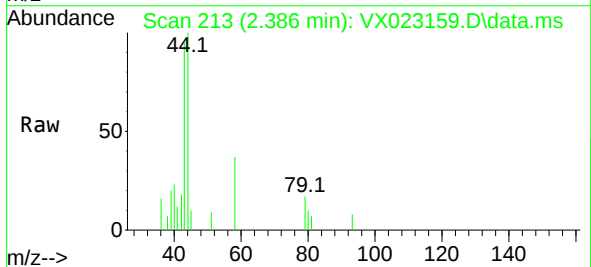
Instrument :
MSVOA_X
ClientSampled :

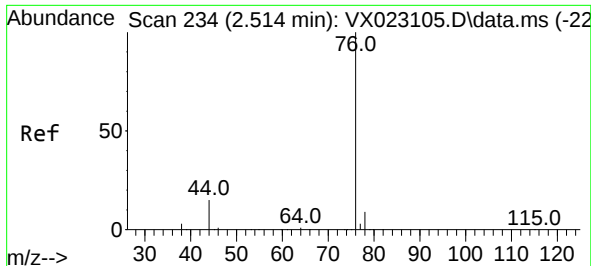
Tgt Ion: 53 Resp: 390
Ion Ratio Lower Upper
53 100
52 66.9 65.3 97.9
51 0.0 28.2 42.2#



#16
Acetone
Concen: 1.293 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
58 39.3 27.8 41.8

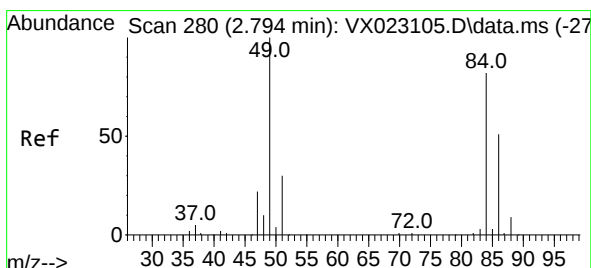
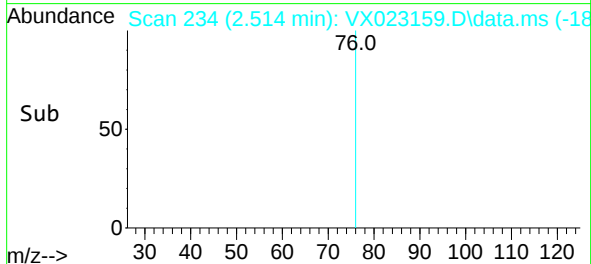
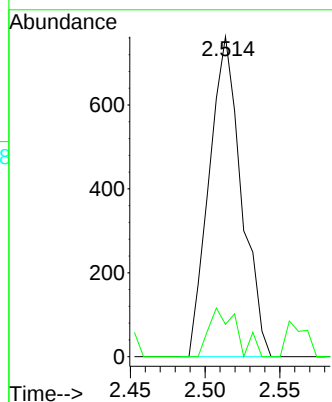
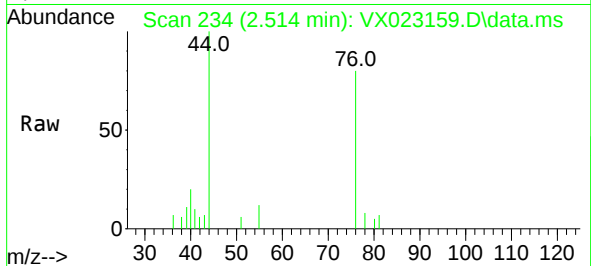




#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

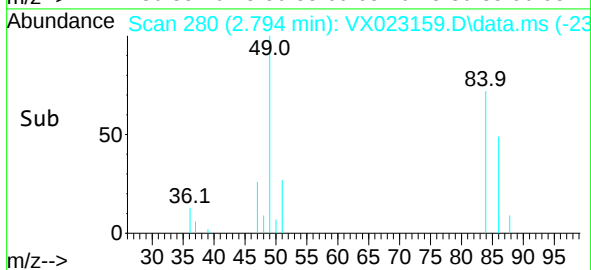
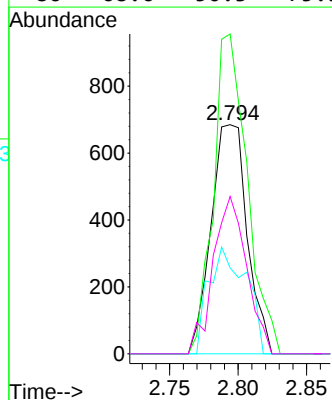
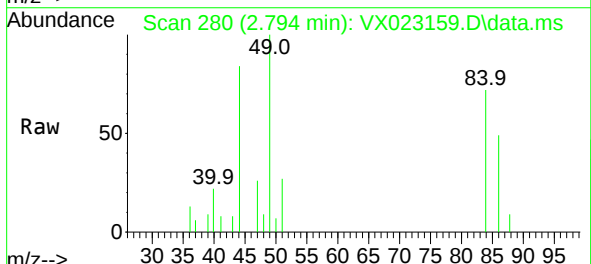
Instrument :
MSVOA_X
ClientSampled :

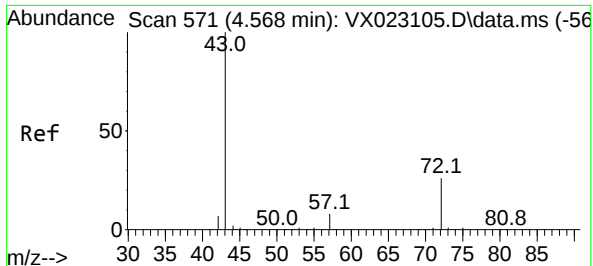
Tgt Ion: 76 Resp: 1145
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8



#20
Methylene Chloride
Concen: 0.484 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

Tgt Ion: 84 Resp: 1257
Ion Ratio Lower Upper
84 100
49 139.6 88.6 132.8#
51 37.5 27.0 40.6
86 68.6 50.3 75.5





#25

2-Butanone

Concen: 0.244 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

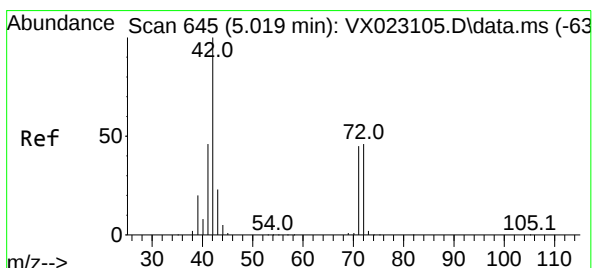
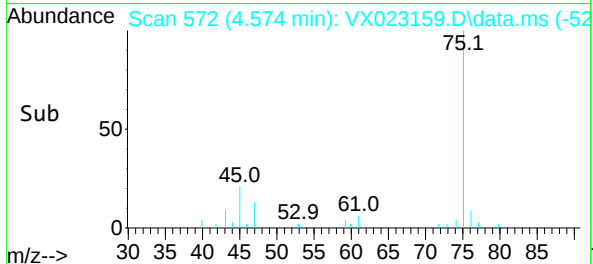
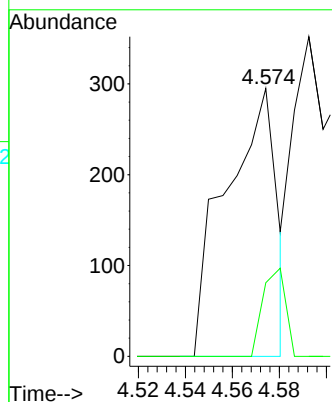
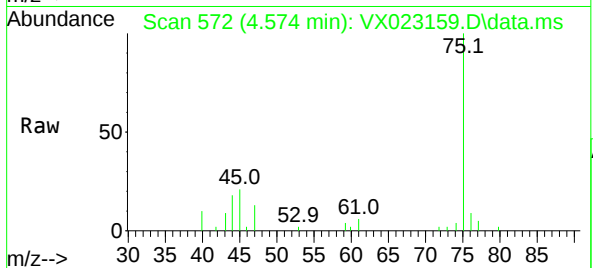
Lab File: VX023159.D

Acq: 07 Jul 2021 09:48

Tgt Ion: 43 Resp: 444

Ion	Ratio	Lower	Upper
43	100		
72	27.5	23.7	35.5

Instrument :
MSVOA_X
ClientSampled :



#29

Tetrahydrofuran

Concen: 0.365 ug/l

RT: 5.025 min Scan# 646

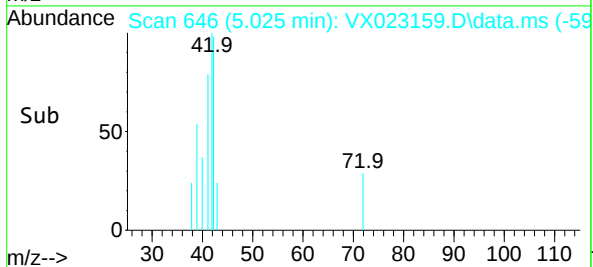
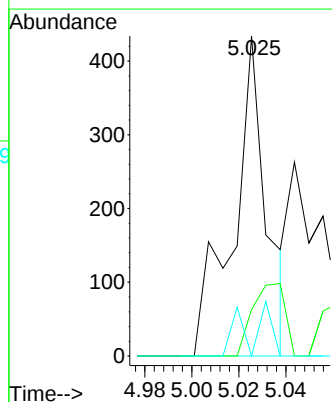
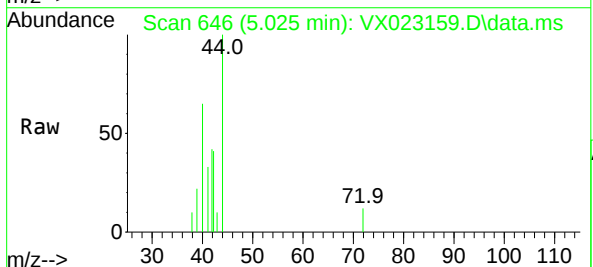
Delta R.T. 0.006 min

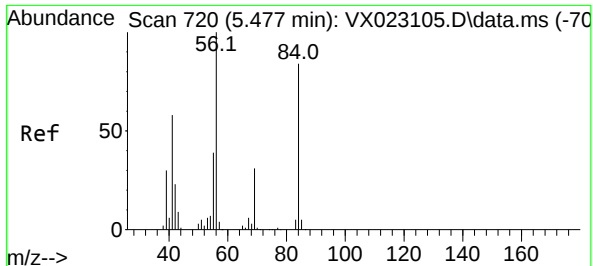
Lab File: VX023159.D

Acq: 07 Jul 2021 09:48

Tgt Ion: 42 Resp: 426

Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	12.0	38.4	57.6#

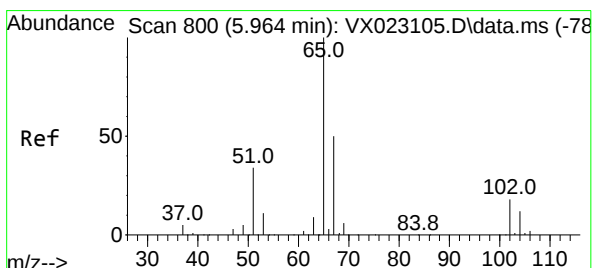
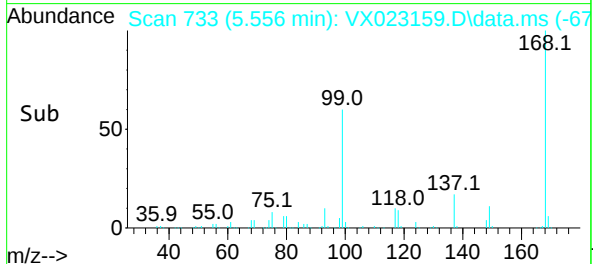
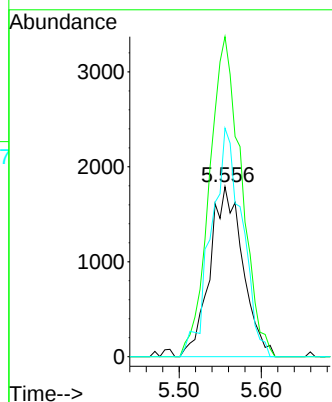
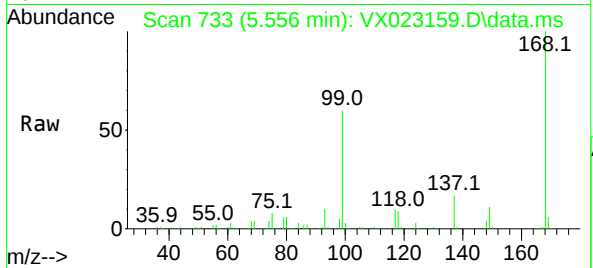




#31
Cyclohexane
Concen: 1.371 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

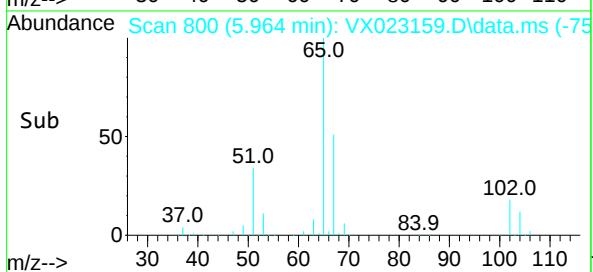
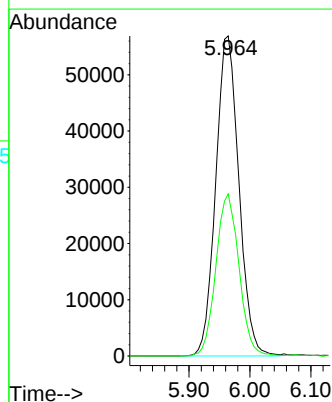
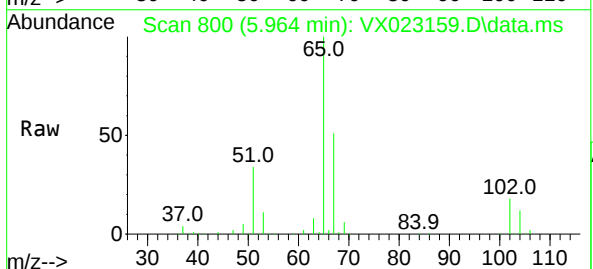
Instrument :
MSVOA_X
ClientSampleId :

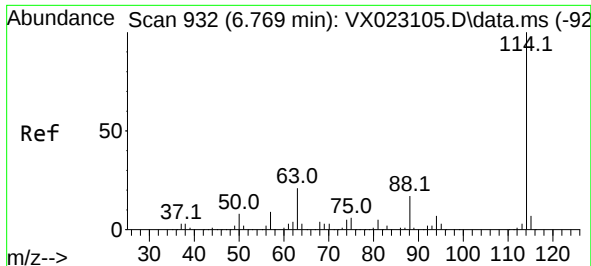
Tgt Ion: 56 Resp: 5002
Ion Ratio Lower Upper
56 100
69 188.3 25.3 37.9#
84 134.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.303 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

Tgt Ion: 65 Resp: 150218
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

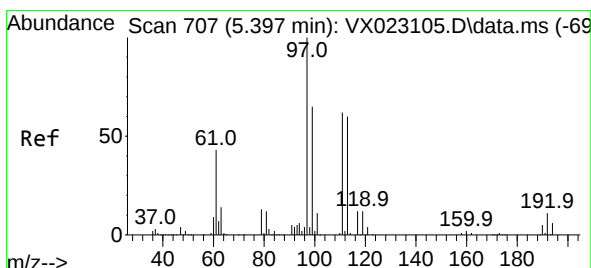
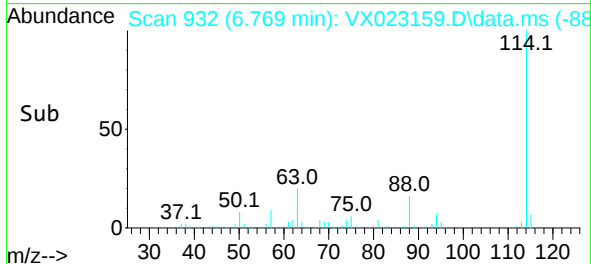
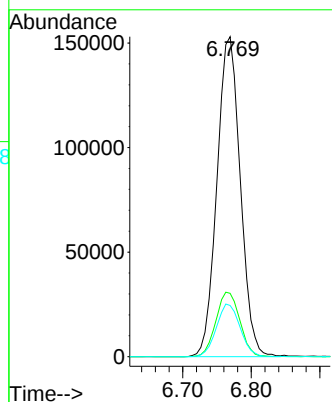
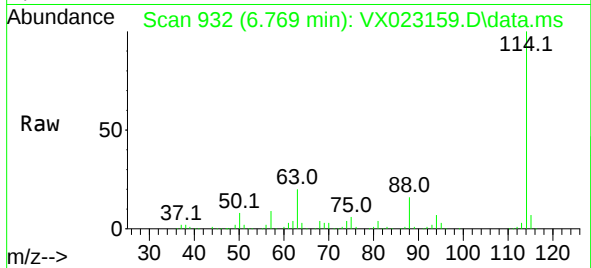




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

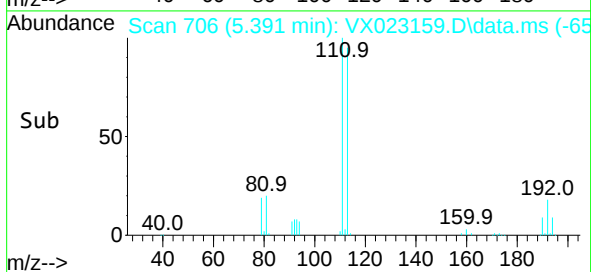
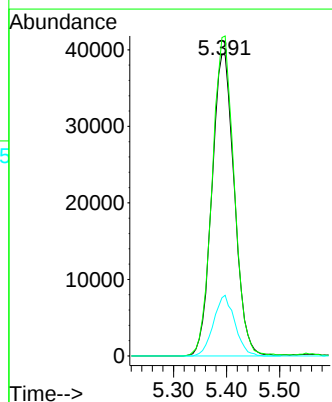
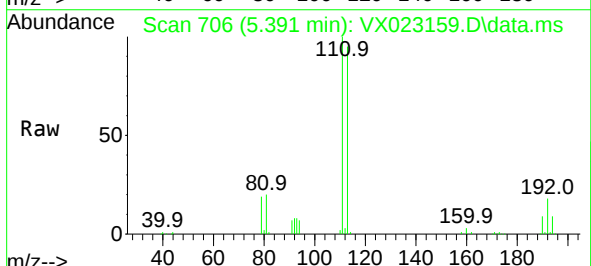
Instrument :
MSVOA_X
ClientSampleId :

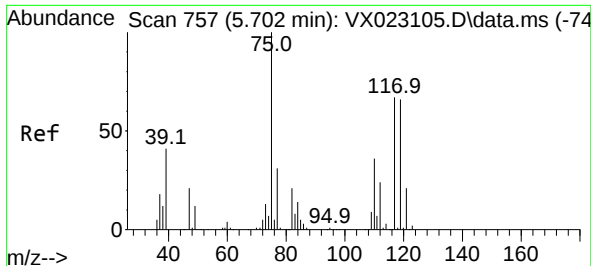
Tgt Ion:114 Resp: 361858
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.612 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

Tgt Ion:113 Resp: 115930
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 19.1 16.7 25.1

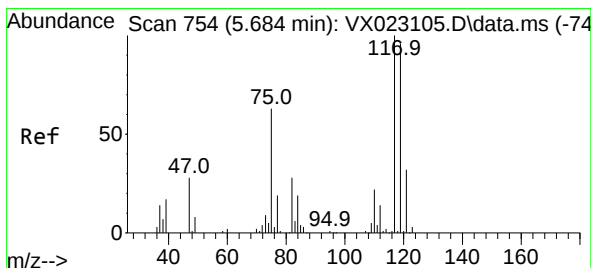
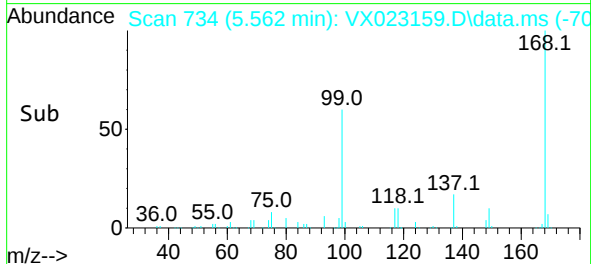
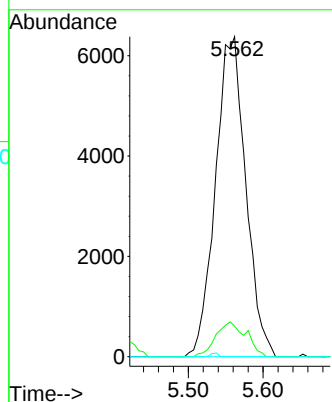
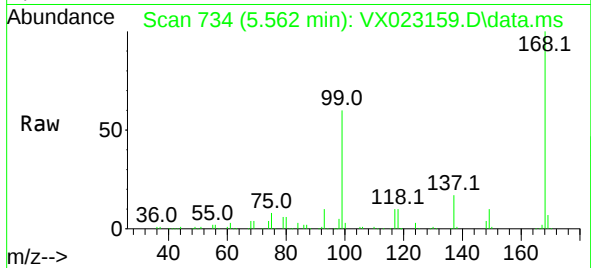




#36
1,1-Dichloropropene
Concen: 5.567 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

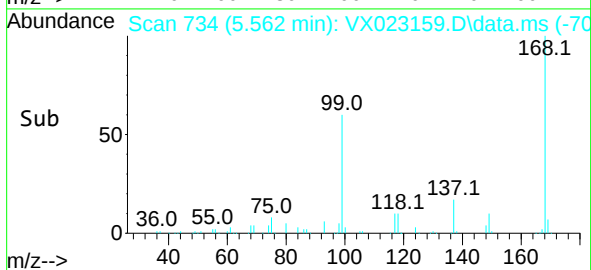
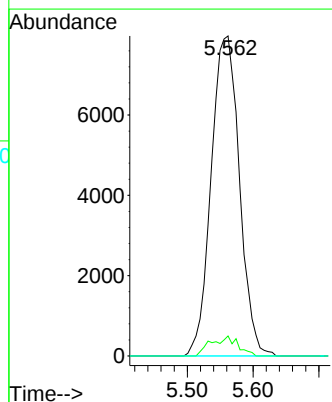
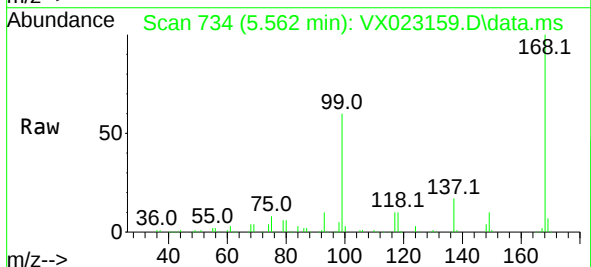
Instrument :
MSVOA_X
ClientSampleId :

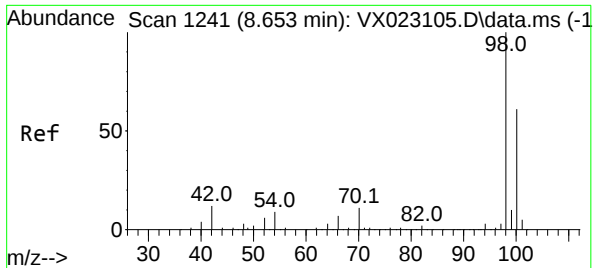
Tgt Ion: 75 Resp: 17958
Ion Ratio Lower Upper
75 100
110 10.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.081 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

Tgt Ion: 117 Resp: 23843
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

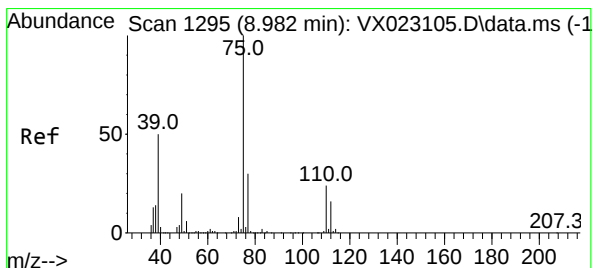
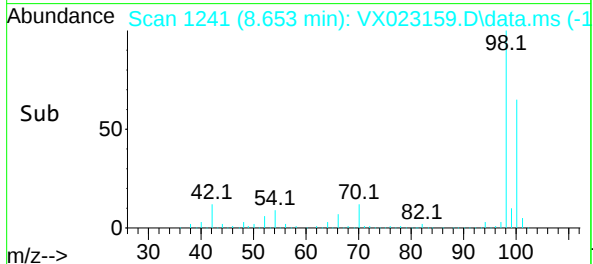
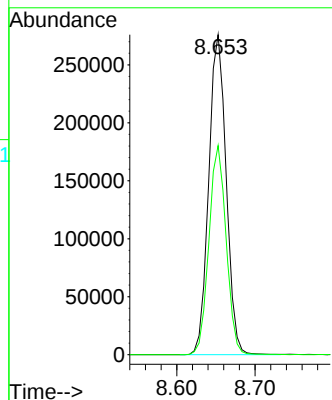
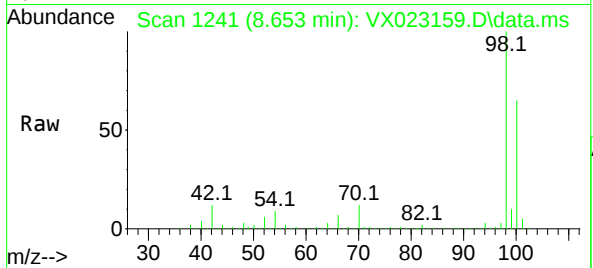




#50
Toluene-d8
Concen: 48.946 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

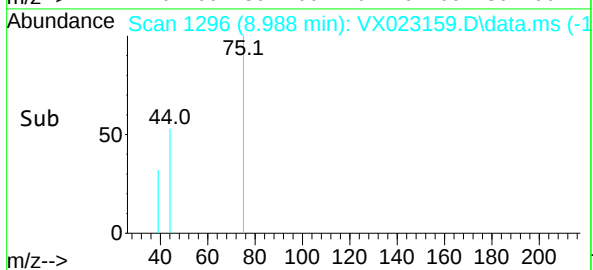
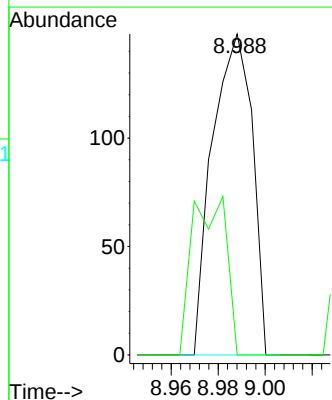
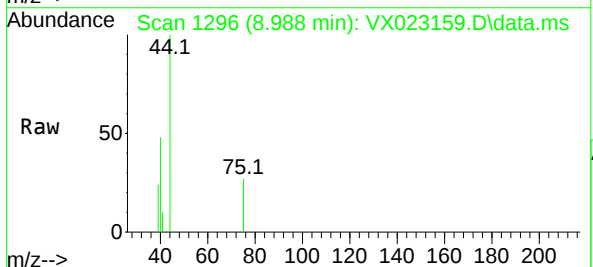
Instrument :
MSVOA_X
ClientSampled :

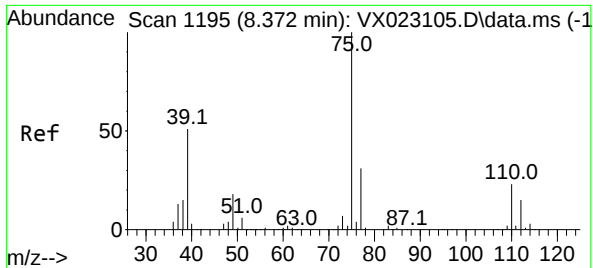
Tgt Ion: 98 Resp: 426639
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.777 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

Tgt Ion: 75 Resp: 174
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

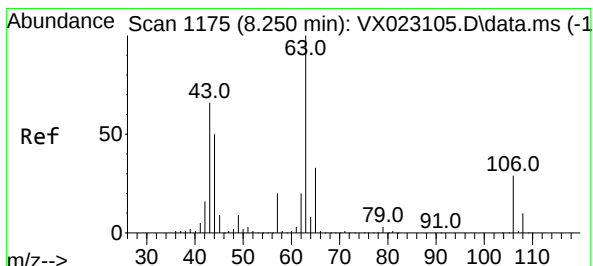
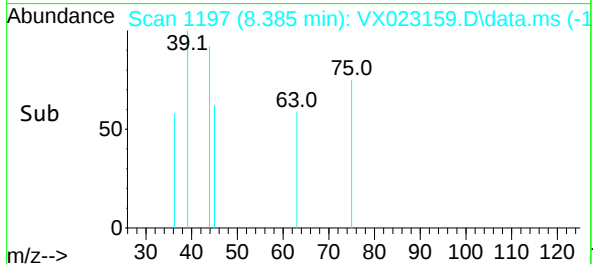
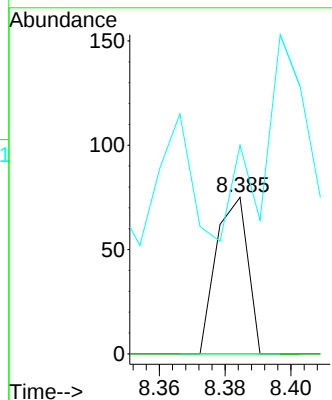
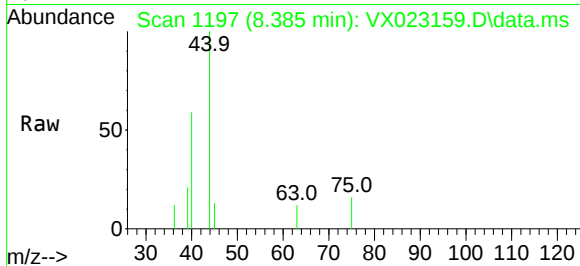




#54
 cis-1,3-Dichloropropene
 Concen: 2.184 ug/l
 RT: 8.385 min Scan# 1197
 Delta R.T. 0.013 min
 Lab File: VX023159.D
 Acq: 07 Jul 2021 09:48

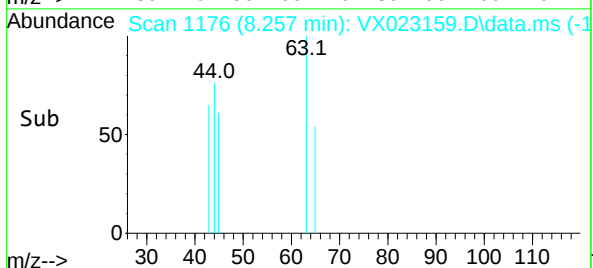
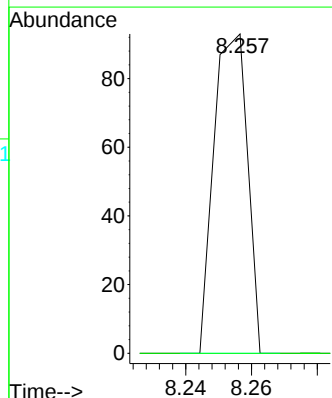
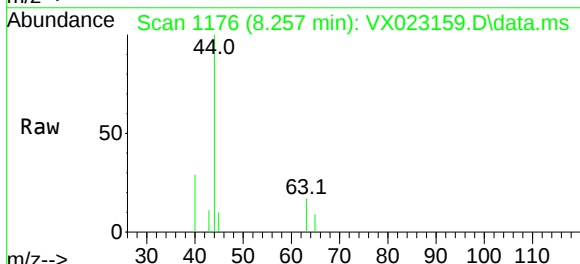
Instrument :
 MSVOA_X
 ClientSampled :

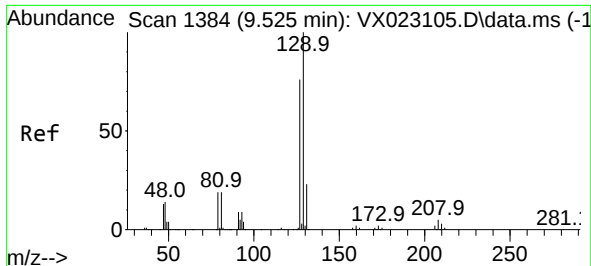
Tgt Ion: 75 Resp: 50
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 0.0 35.1 52.7#



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.720 ug/l
 RT: 8.257 min Scan# 1176
 Delta R.T. 0.007 min
 Lab File: VX023159.D
 Acq: 07 Jul 2021 09:48

Tgt Ion: 63 Resp: 66
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.5 35.3#

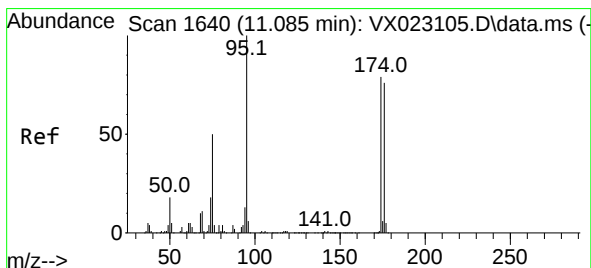
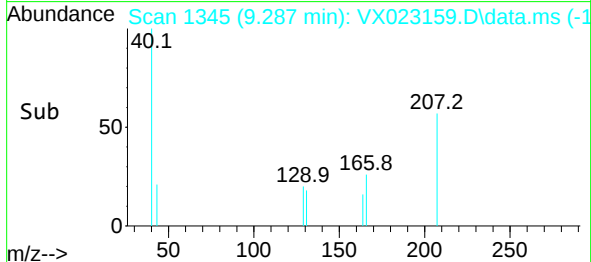
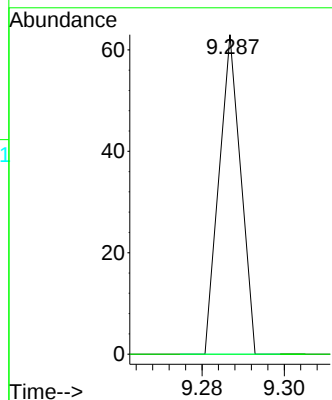
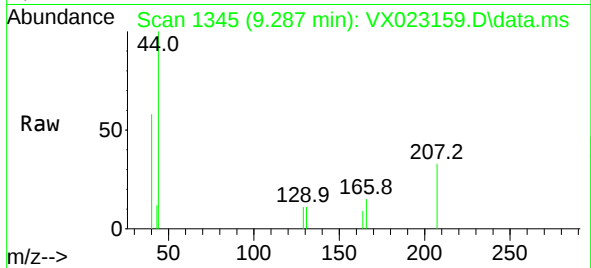




#60
Dibromochloromethane
Concen: 3.120 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.238 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

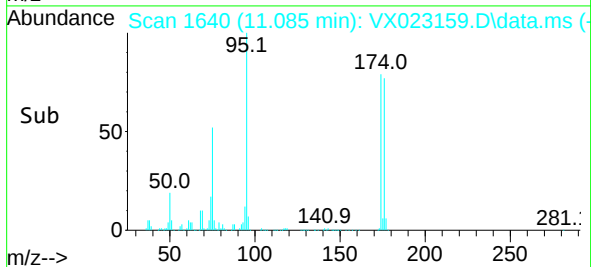
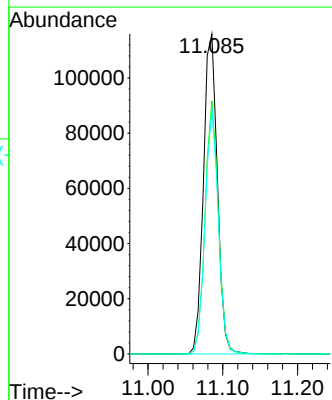
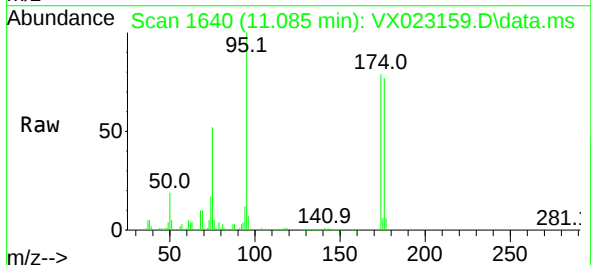
Instrument :
MSVOA_X
ClientSampled :

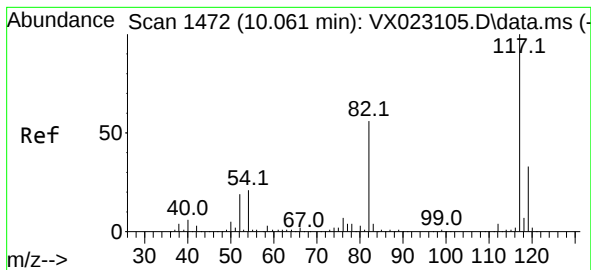
Tgt Ion:129 Resp: 23
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.568 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

Tgt Ion: 95 Resp: 149973
Ion Ratio Lower Upper
95 100
174 75.8 0.0 154.6
176 73.0 0.0 155.8

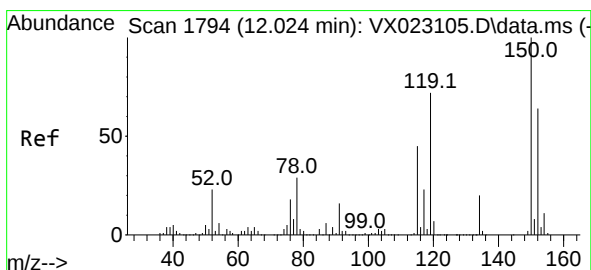
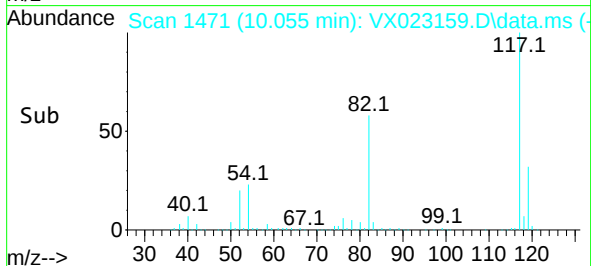
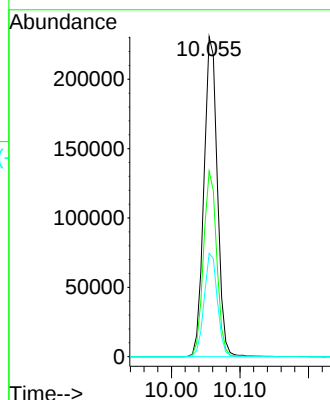
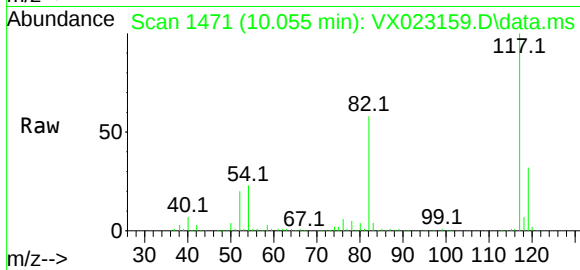




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

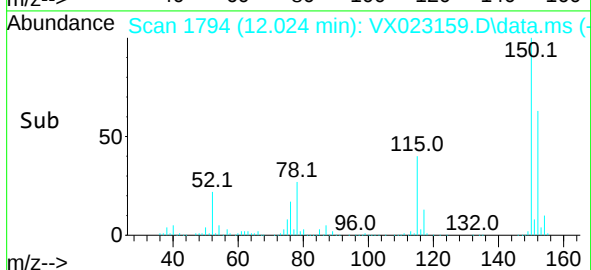
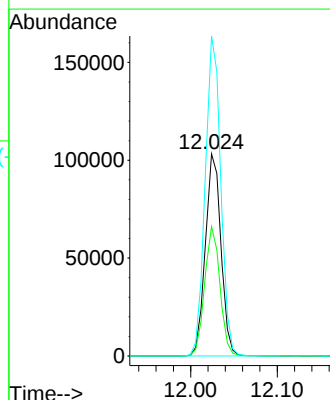
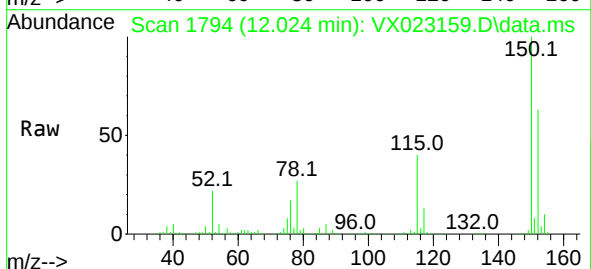
Instrument :
MSVOA_X
ClientSampled :

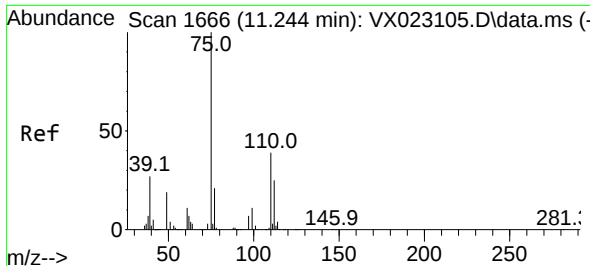
Tgt Ion:117 Resp: 314638
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

Tgt Ion:152 Resp: 129281
Ion Ratio Lower Upper
152 100
115 62.5 41.1 123.3
150 157.4 0.0 349.0

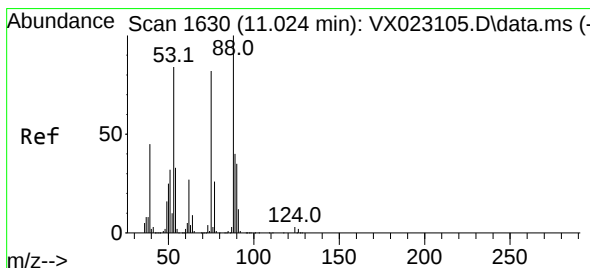
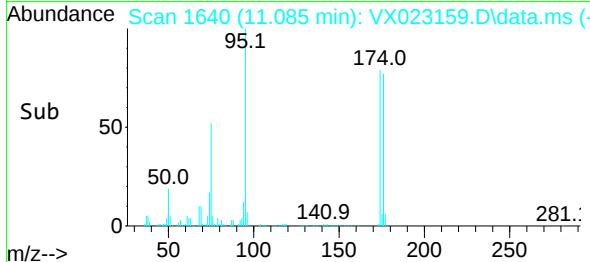
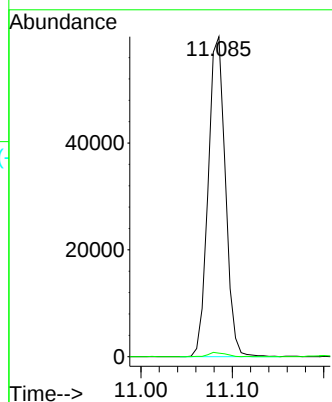
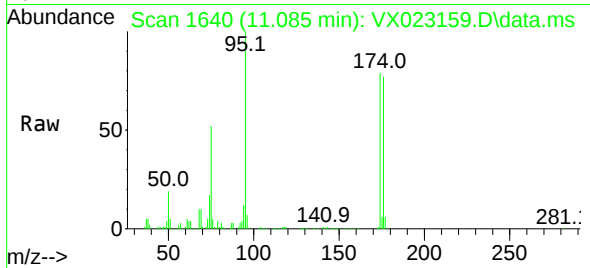




#76
1,2,3-Trichloropropane
Concen: 30.034 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

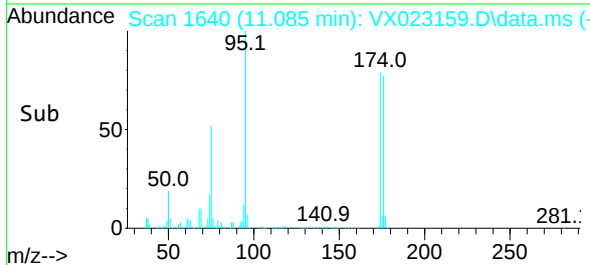
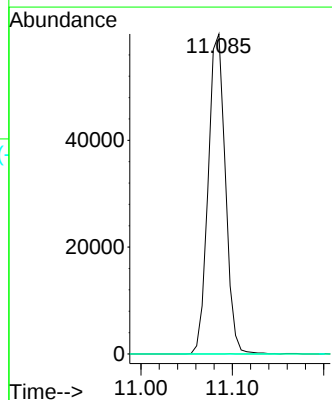
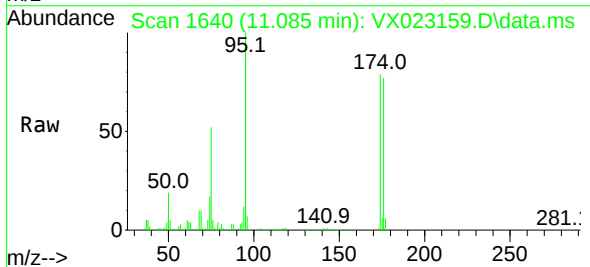
Instrument :
MSVOA_X
ClientSampled :

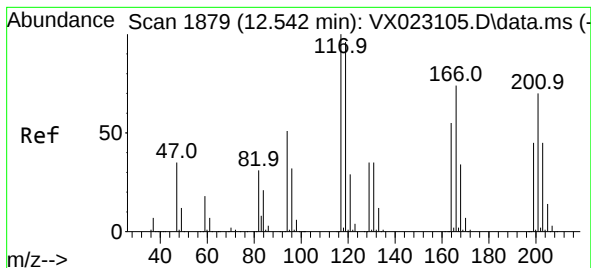
Tgt Ion: 75 Resp: 78136
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.637 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

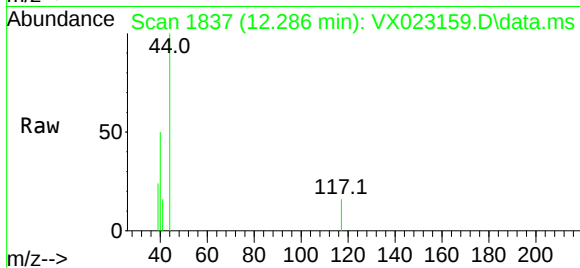
Tgt Ion: 75 Resp: 78136
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



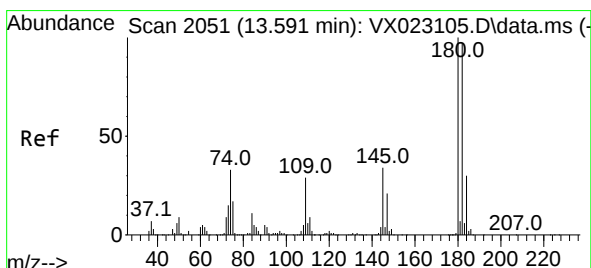
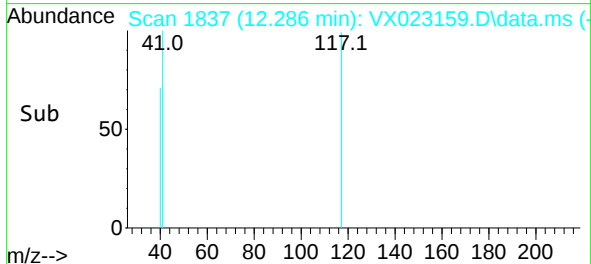
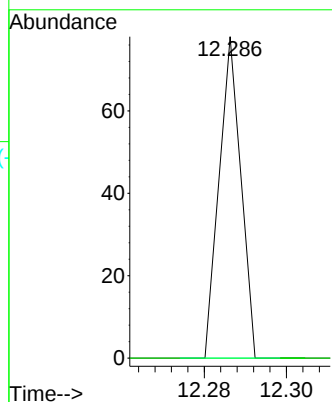


#90
Hexachloroethane
Concen: 3.015 ug/l
RT: 12.286 min Scan# 1837
Delta R.T. -0.256 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

Instrument :
MSVOA_X
ClientSampled :

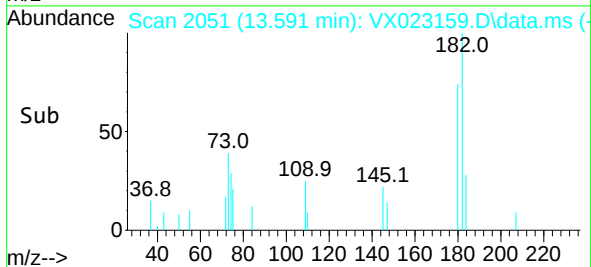
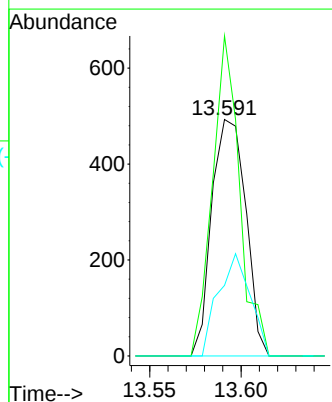
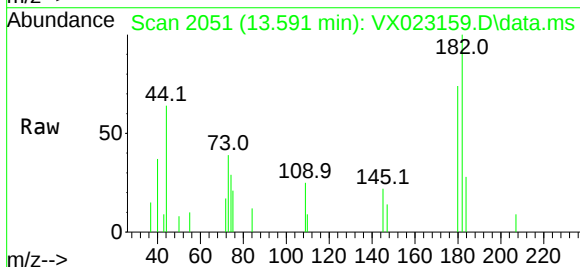


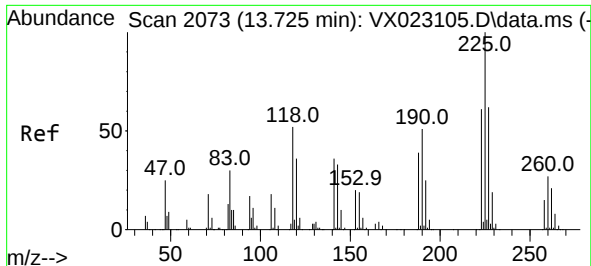
Tgt Ion:117 Resp: 29
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.244 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

Tgt Ion:180 Resp: 639
Ion Ratio Lower Upper
180 100
182 107.8 47.7 143.1
145 40.4 15.0 45.0

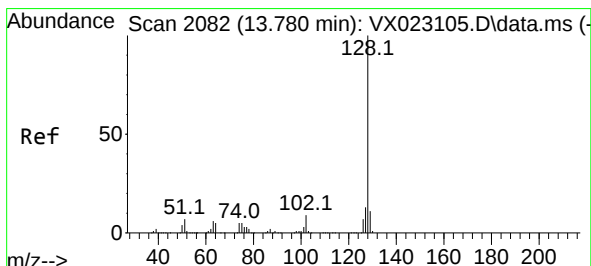
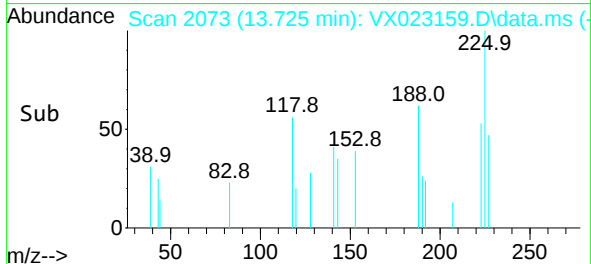
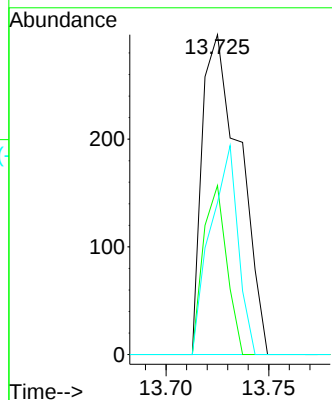
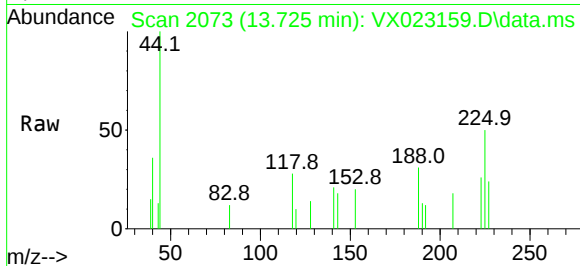




#94
Hexachlorobutadiene
Concen: 0.340 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

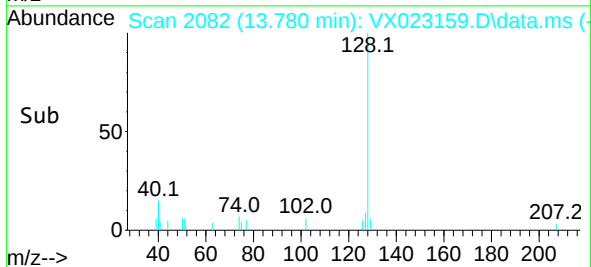
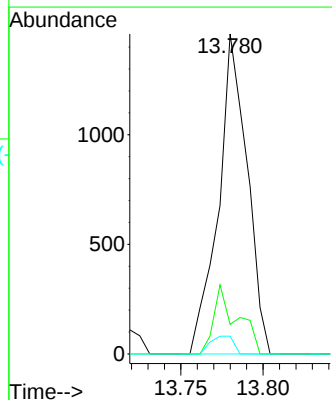
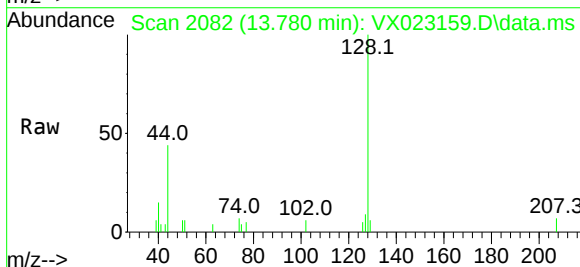
Instrument :
MSVOA_X
ClientSampled :

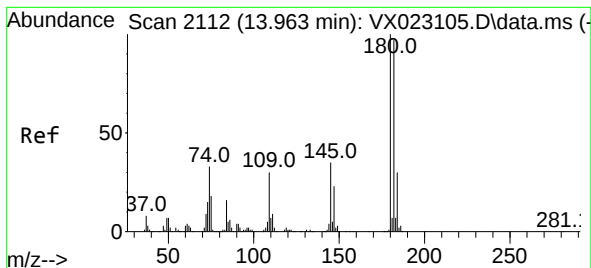
Tgt Ion:225 Resp: 377
Ion Ratio Lower Upper
225 100
223 32.9 31.1 93.2
227 47.7 31.6 95.0



#95
Naphthalene
Concen: 1.455 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023159.D
Acq: 07 Jul 2021 09:48

Tgt Ion:128 Resp: 1774
Ion Ratio Lower Upper
128 100
127 17.5 10.3 15.5#
129 4.5 8.8 13.2#





#96

1,2,3-Trichlorobenzene

Concen: 0.288 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX023159.D

Acq: 07 Jul 2021 09:48

Tgt Ion:180 Resp: 759

Ion Ratio Lower Upper

180 100

182 83.4 47.6 142.9

145 25.6 16.1 48.3

