

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023112.D
 Acq On : 02 Jul 2021 17:08
 Operator : JC/MD
 Sample : VX0702WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBL01

Quant Time: Jul 05 02:54:44 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)

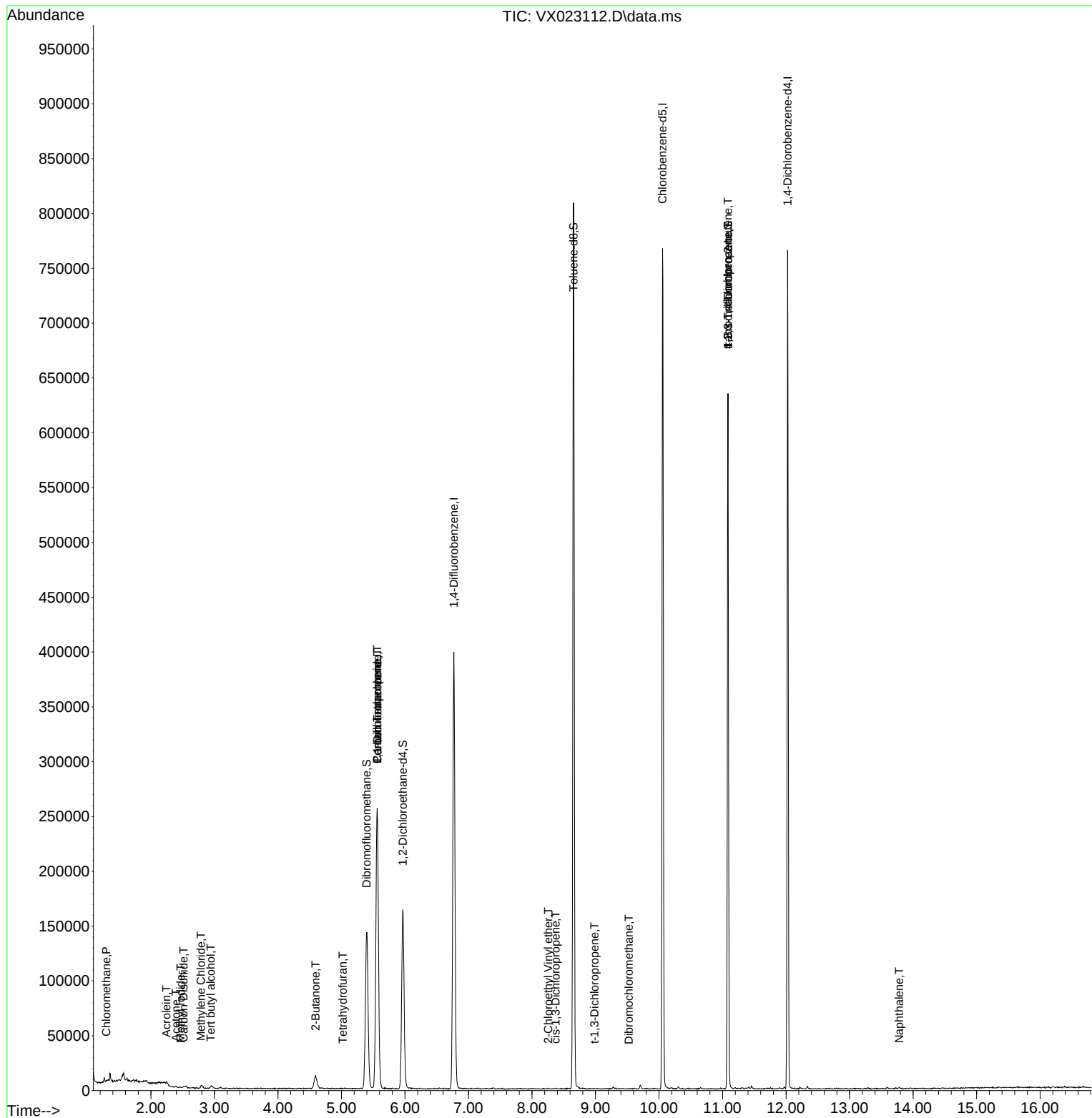
Internal Standards						
1) Pentafluorobenzene	5.562	168	236799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	388753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	162606	51.093	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.180%			
35) Dibromofluoromethane	5.397	113	123771	49.303	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.600%			
50) Toluene-d8	8.653	98	465836	49.745	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.500%			
62) 4-Bromofluorobenzene	11.085	95	165131	45.677	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.360%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	492	0.232	ug/l	90
5) Bromomethane	1.630	94	1138	Below Cal	#	54
10) Methyl Iodide	2.465	142	927	0.330	ug/l #	78
11) Tert butyl alcohol	2.940	59	1598	2.387	ug/l #	91
13) Acrolein	2.239	56	352	0.790	ug/l #	20
16) Acetone	2.392	43	1574	1.250	ug/l	96
17) Carbon Disulfide	2.514	76	1393	0.313	ug/l #	85
20) Methylene Chloride	2.788	84	1180	0.435	ug/l #	86
25) 2-Butanone	4.593	43	711	0.374	ug/l #	45
29) Tetrahydrofuran	5.019	42	250	0.205	ug/l #	27
36) 1,1-Dichloropropene	5.562	75	19545	5.640	ug/l #	49
38) Carbon Tetrachloride	5.562	117	24358	6.733	ug/l #	17
53) t-1,3-Dichloropropene	8.982	75	223	2.785	ug/l #	70
54) cis-1,3-Dichloropropene	8.372	75	98	2.194	ug/l #	85
58) 2-Chloroethyl Vinyl ether	8.257	63	60	4.715	ug/l #	45
60) Dibromochloromethane	9.525	129	18	3.118	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	87300	29.172	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	87300	78.459	ug/l #	12
95) Naphthalene	13.780	128	777	1.344	ug/l #	83

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

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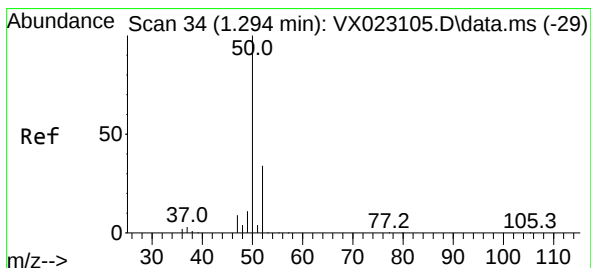
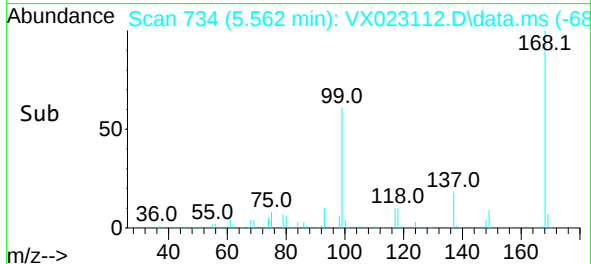
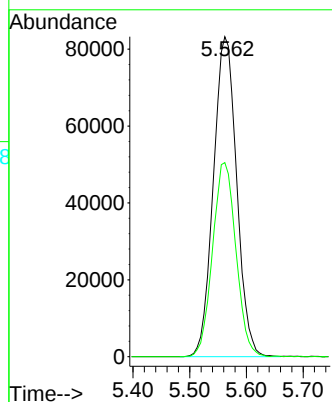
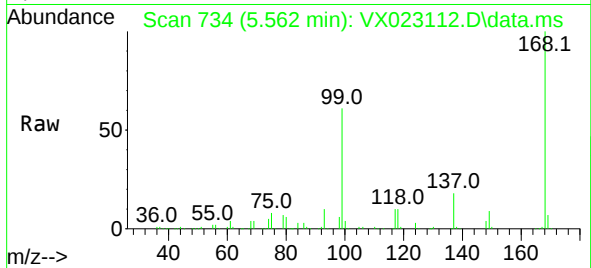




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

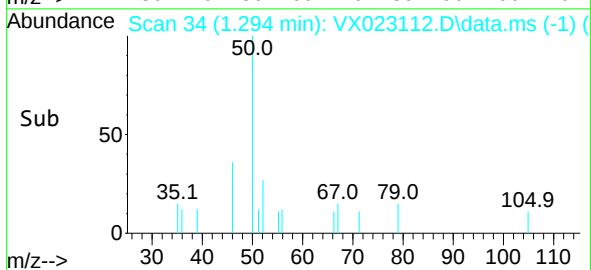
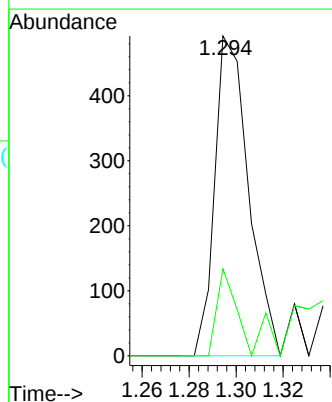
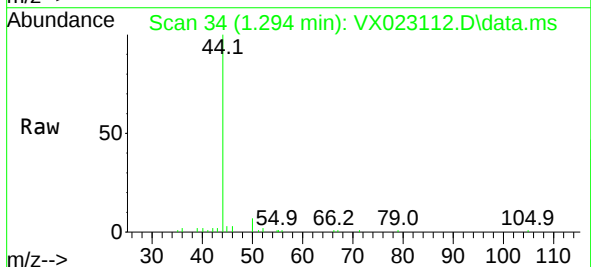
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

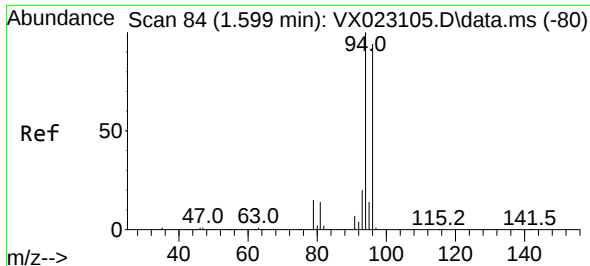
Tgt Ion:168 Resp: 236799
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.6



#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

Tgt Ion: 50 Resp: 492
Ion Ratio Lower Upper
50 100
52 27.2 26.4 39.6

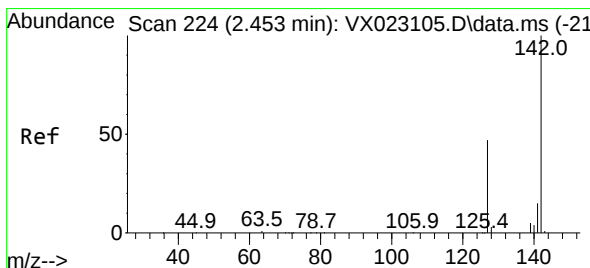
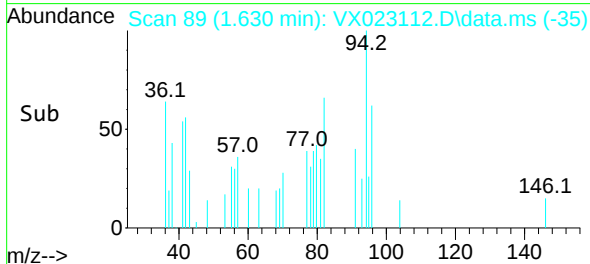
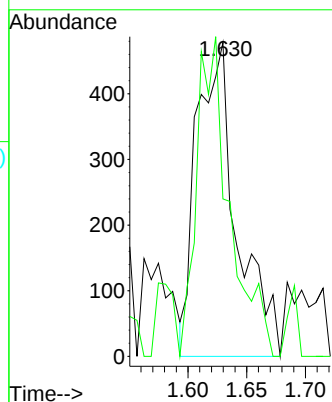
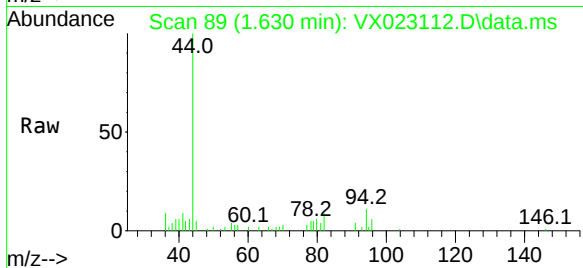




#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

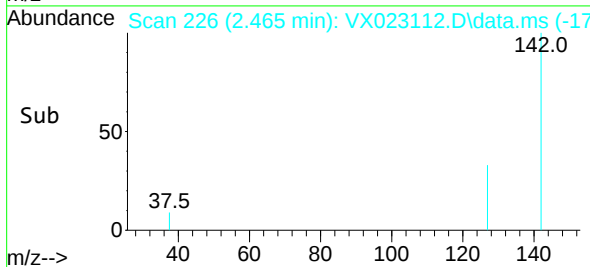
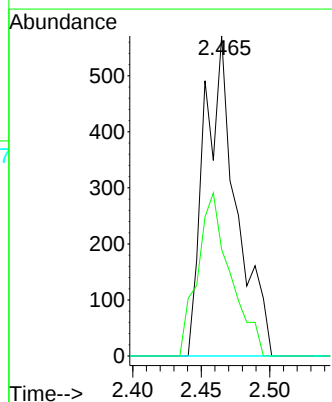
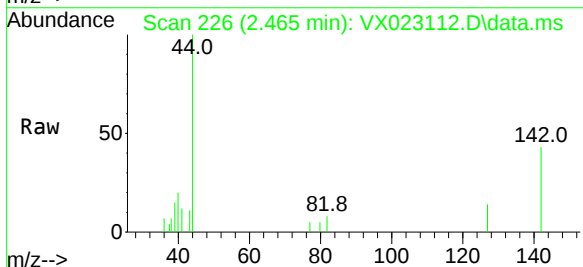
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

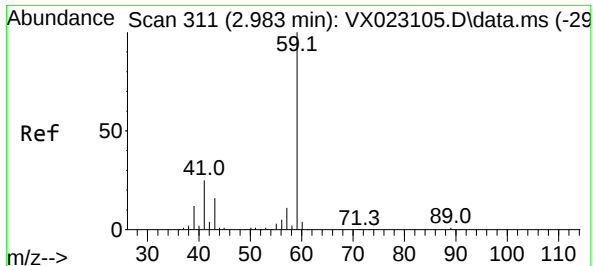
Tgt Ion: 94 Resp: 1138
Ion Ratio Lower Upper
94 100
96 50.2 76.4 114.6#



#10
Methyl Iodide
Concen: 0.330 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

Tgt Ion: 142 Resp: 927
Ion Ratio Lower Upper
142 100
127 52.3 33.3 49.9#
141 0.0 11.4 17.0#



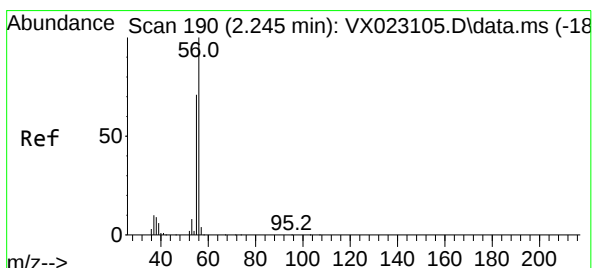
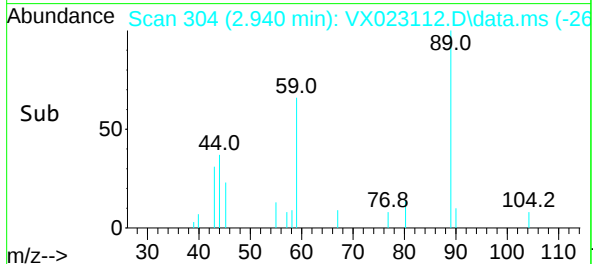
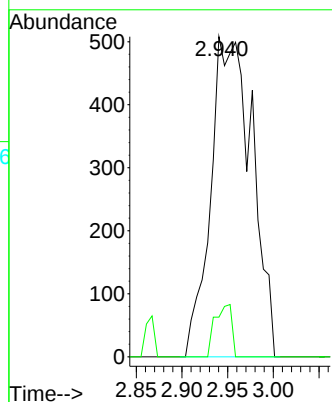
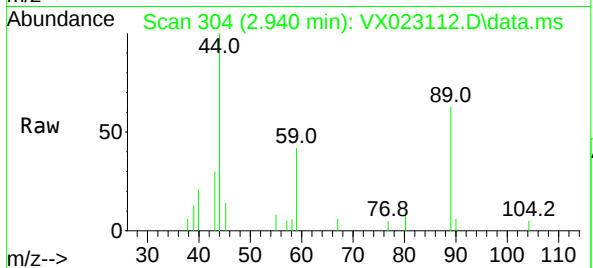


#11

Tert butyl alcohol
Concen: 2.387 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

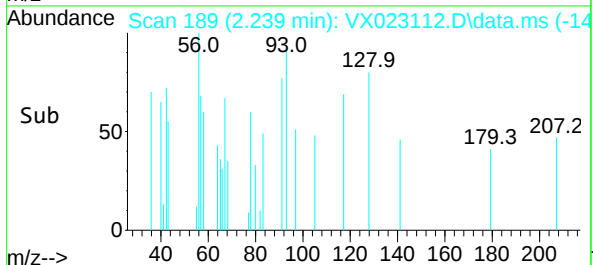
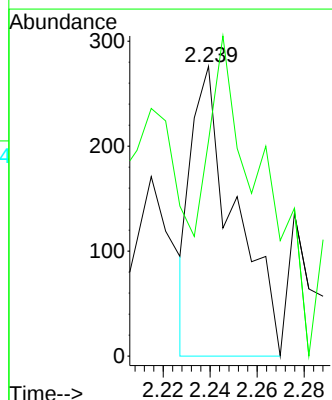
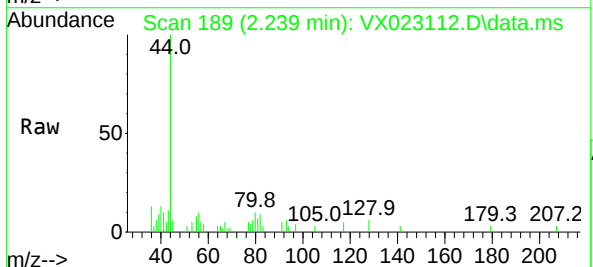
Tgt Ion: 59 Resp: 1598
Ion Ratio Lower Upper
59 100
57 6.6 7.8 11.8#

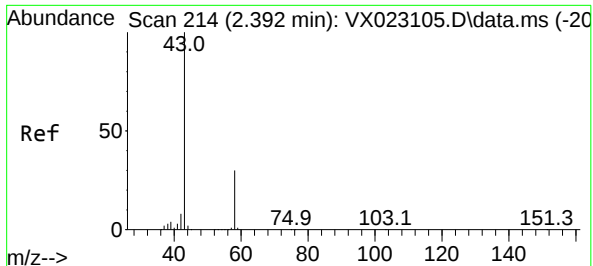


#13

Acrolein
Concen: 0.790 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

Tgt Ion: 56 Resp: 352
Ion Ratio Lower Upper
56 100
55 136.6 56.4 84.6#

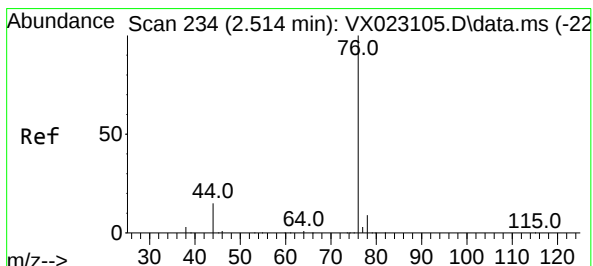
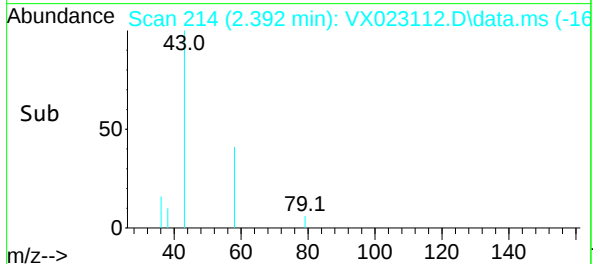
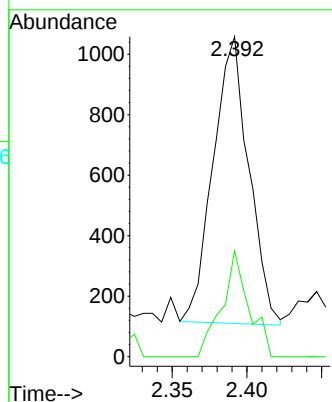
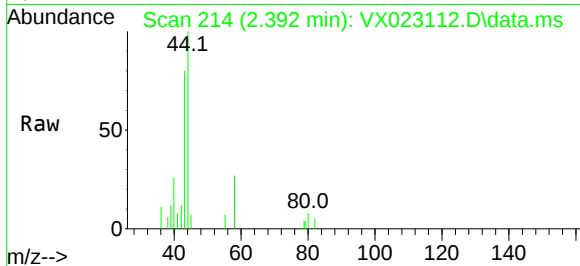




#16
Acetone
Concen: 1.250 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

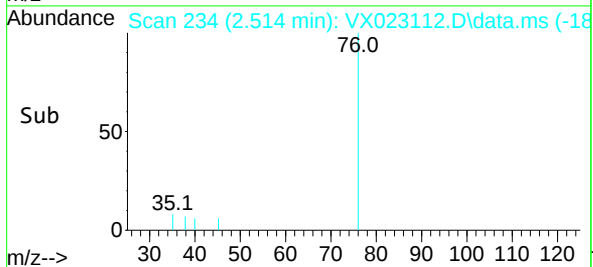
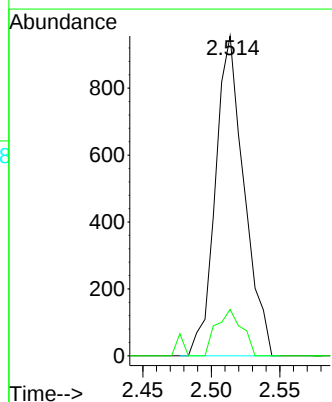
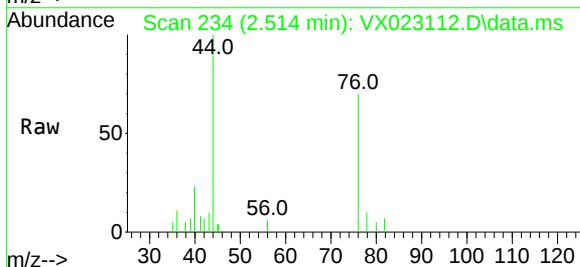
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

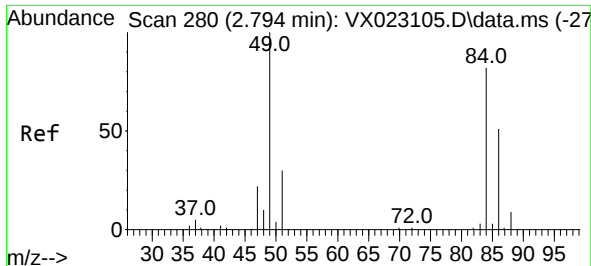
Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
58 37.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.313 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

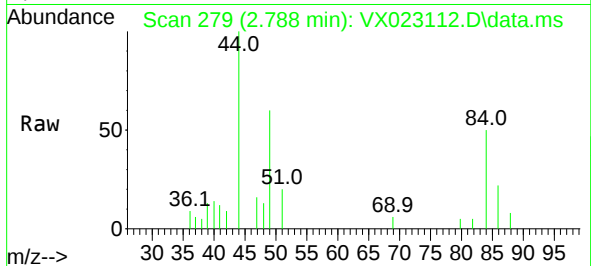
Tgt Ion: 76 Resp: 1393
Ion Ratio Lower Upper
76 100
78 14.5 7.2 10.8#



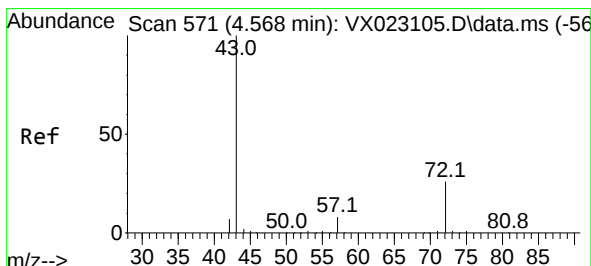
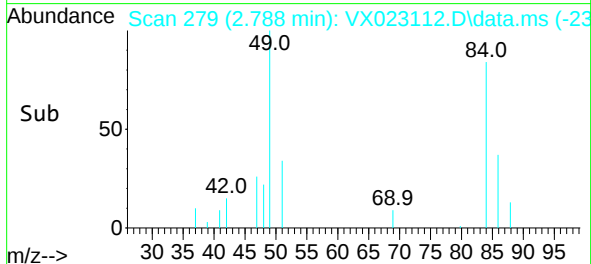
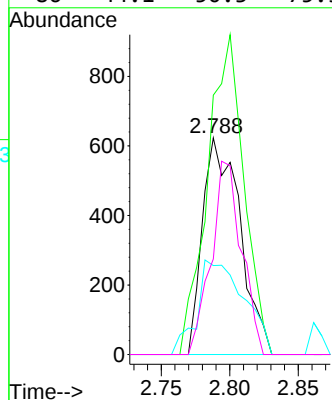


#20
Methylene Chloride
Concen: 0.435 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

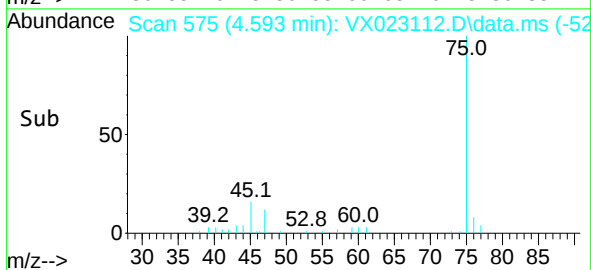
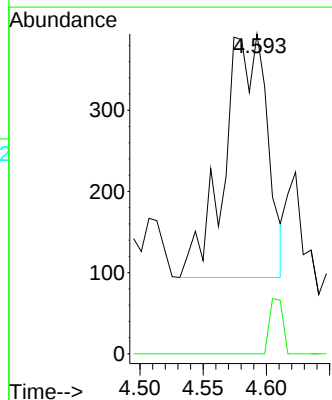
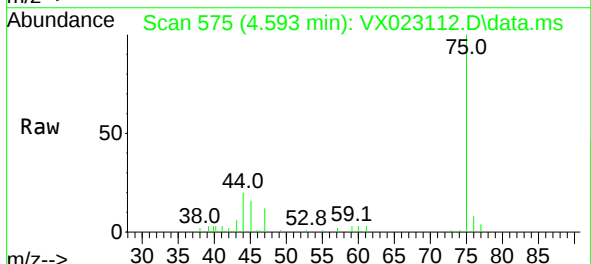


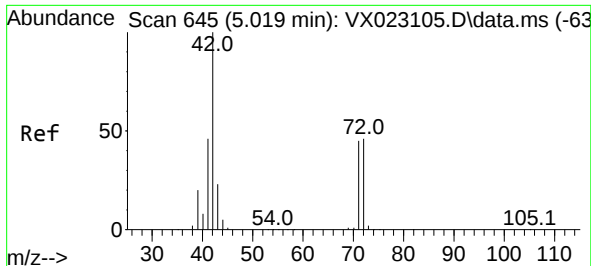
Tgt Ion:	84	Resp:	1180
Ion	Ratio	Lower	Upper
84	100		
49	119.7	88.6	132.8
51	41.1	27.0	40.6#
86	44.1	50.3	75.5#



#25
2-Butanone
Concen: 0.374 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

Tgt Ion:	43	Resp:	711
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.205 ug/l

RT: 5.019 min Scan# 645

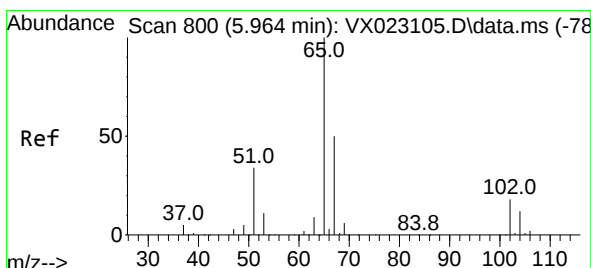
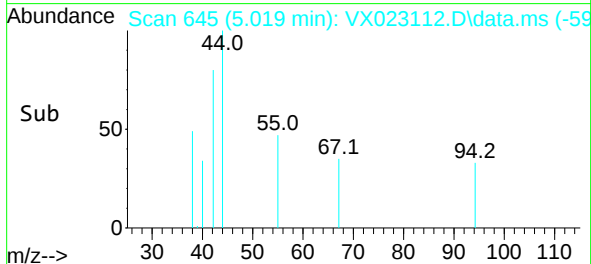
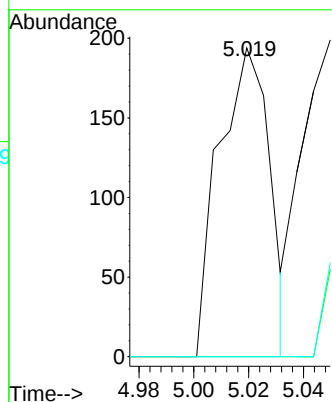
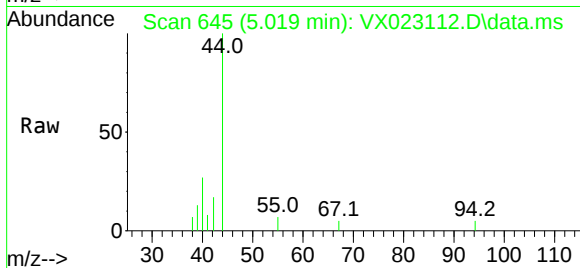
Delta R.T. 0.000 min

Lab File: VX023112.D

Acq: 02 Jul 2021 17:08

Tgt Ion:	42	Resp:	250
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :
VX0702WBL01



#33

1,2-Dichloroethane-d4

Concen: 51.093 ug/l

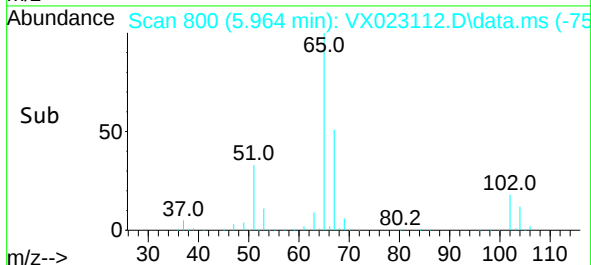
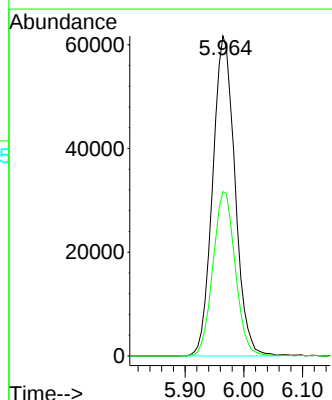
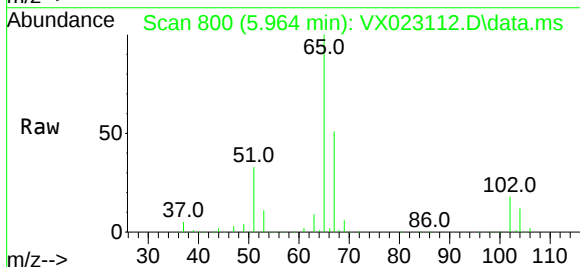
RT: 5.964 min Scan# 800

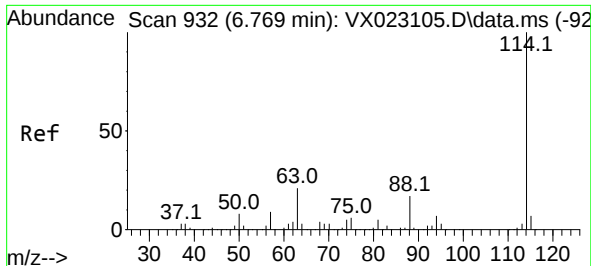
Delta R.T. 0.000 min

Lab File: VX023112.D

Acq: 02 Jul 2021 17:08

Tgt Ion:	65	Resp:	162606
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	105.4

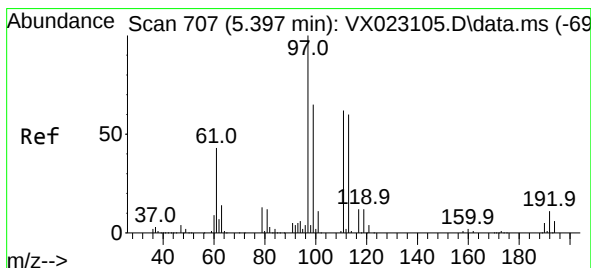
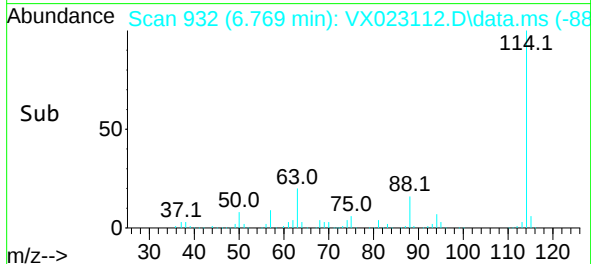
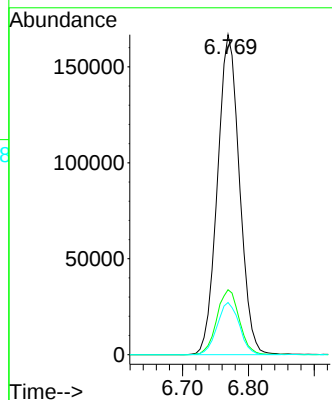
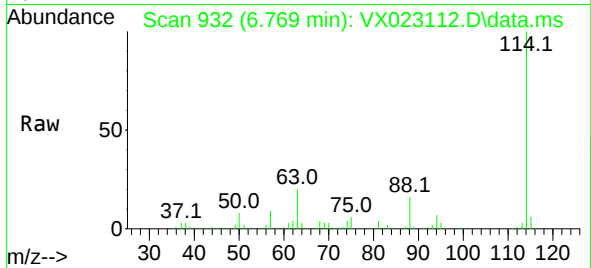




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

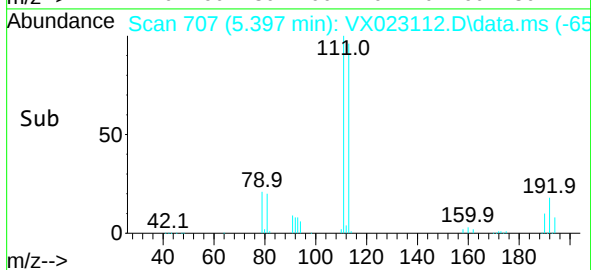
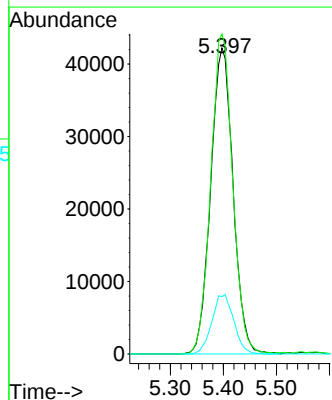
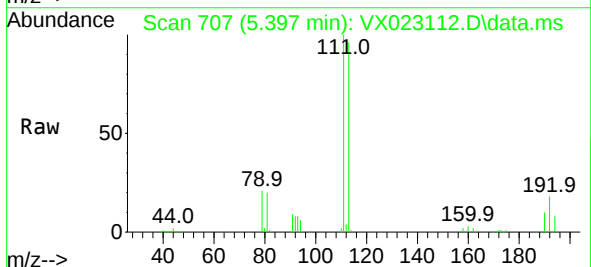
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

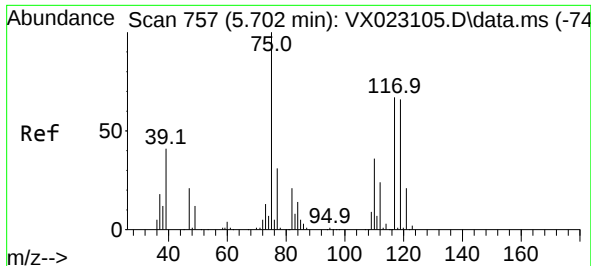
Tgt Ion:114 Resp: 388753
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.303 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

Tgt Ion:113 Resp: 123771
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.0 16.7 25.1

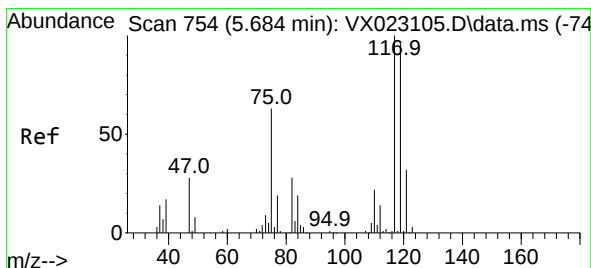
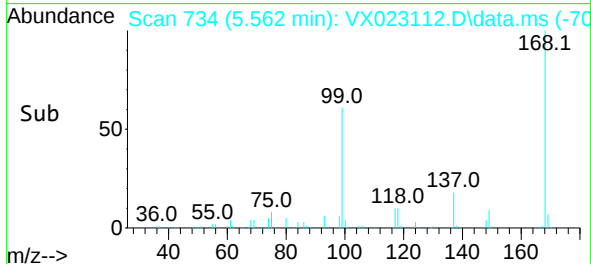
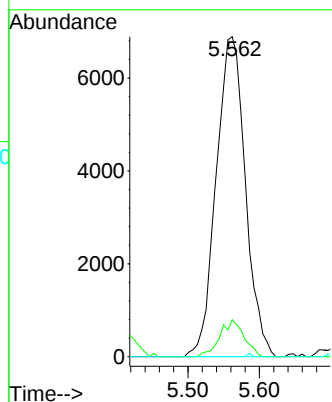
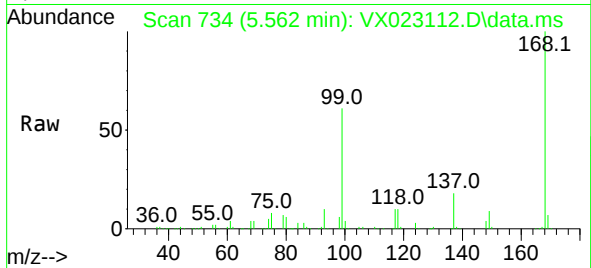




#36
1,1-Dichloropropene
Concen: 5.640 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

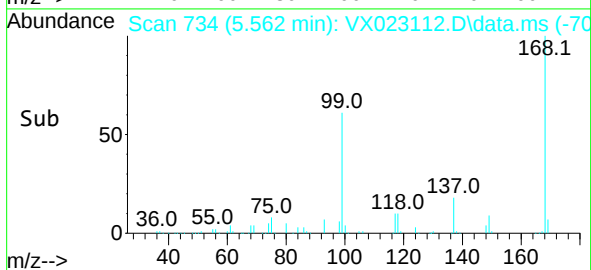
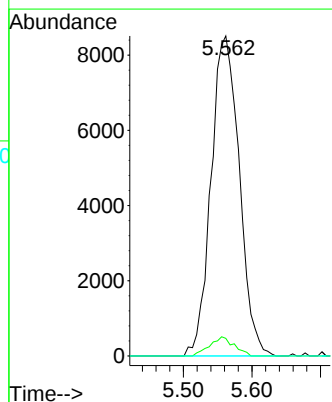
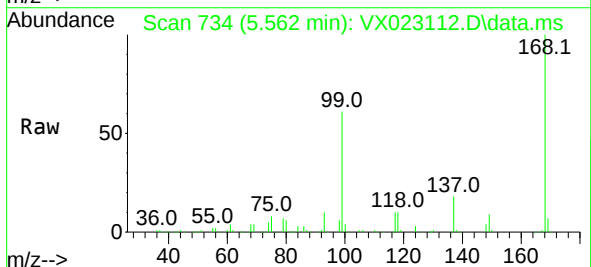
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

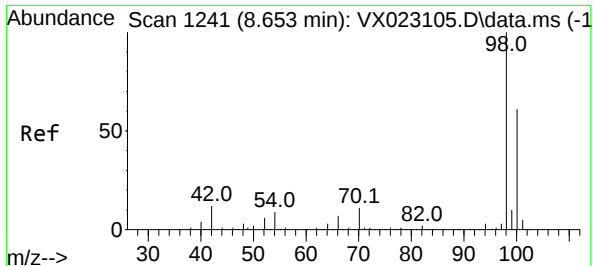
Tgt Ion: 75 Resp: 19545
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.733 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

Tgt Ion: 117 Resp: 24358
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

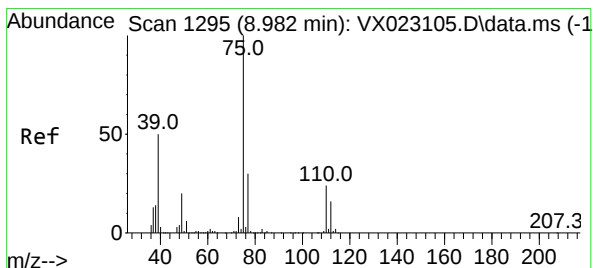
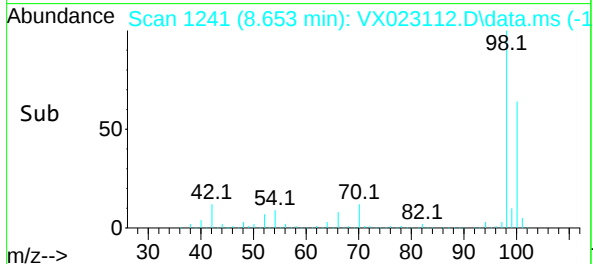
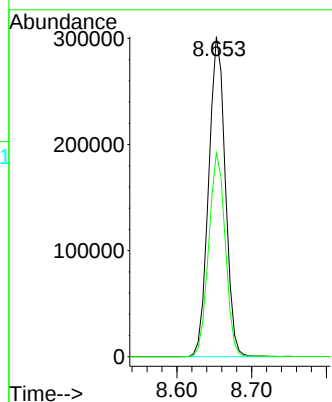
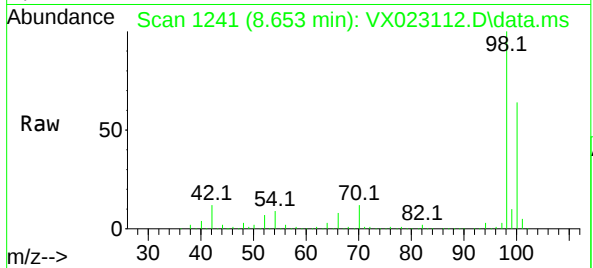




#50
Toluene-d8
Concen: 49.745 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

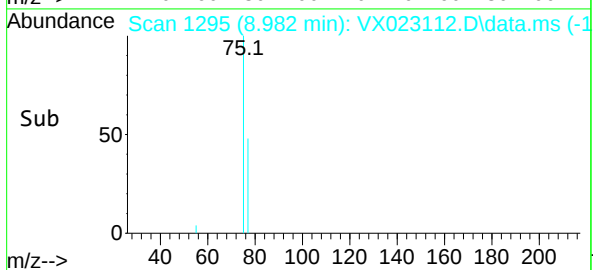
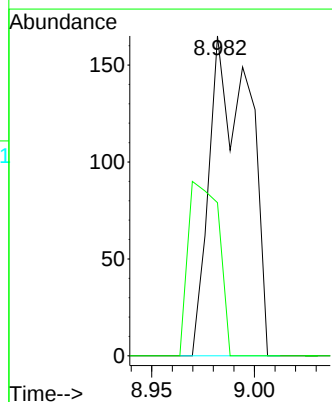
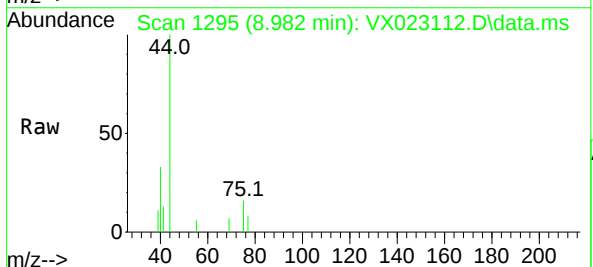
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

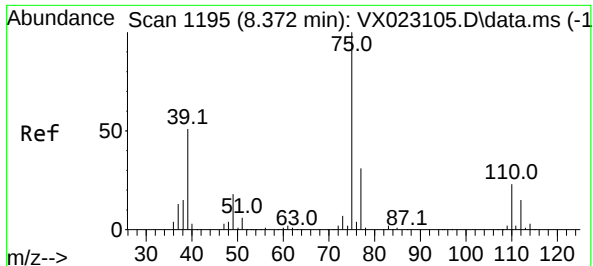
Tgt Ion: 98 Resp: 465836
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.785 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

Tgt Ion: 75 Resp: 223
Ion Ratio Lower Upper
75 100
77 47.9 24.9 37.3#

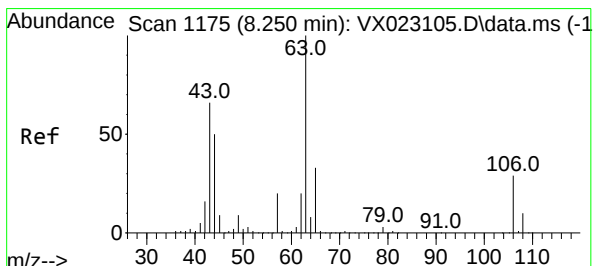
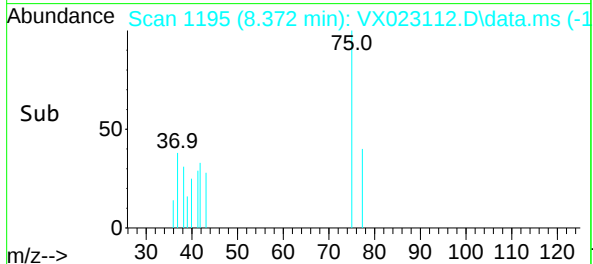
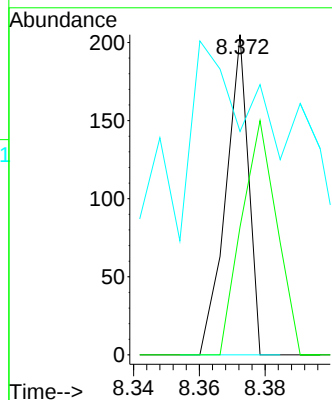
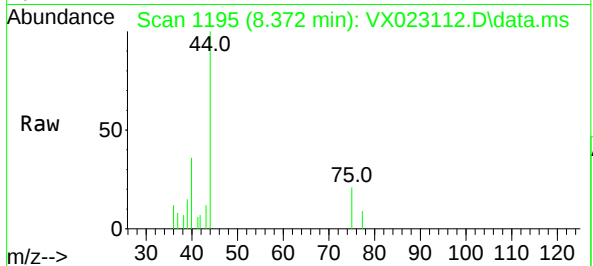




#54
 cis-1,3-Dichloropropene
 Concen: 2.194 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: VX023112.D
 Acq: 02 Jul 2021 17:08

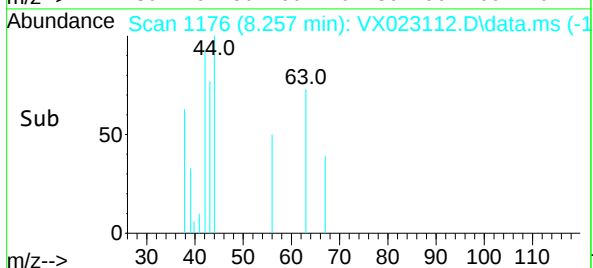
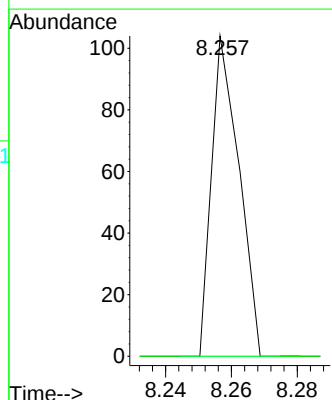
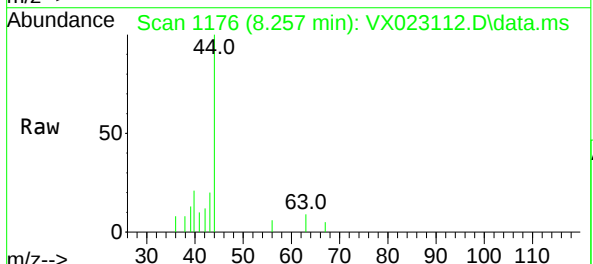
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBL01

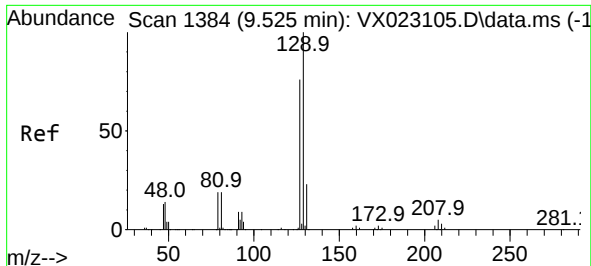
Tgt Ion: 75 Resp: 98
 Ion Ratio Lower Upper
 75 100
 77 40.0 25.7 38.5#
 39 34.1 35.1 52.7#



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.715 ug/l
 RT: 8.257 min Scan# 1176
 Delta R.T. 0.007 min
 Lab File: VX023112.D
 Acq: 02 Jul 2021 17:08

Tgt Ion: 63 Resp: 60
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.5 35.3#

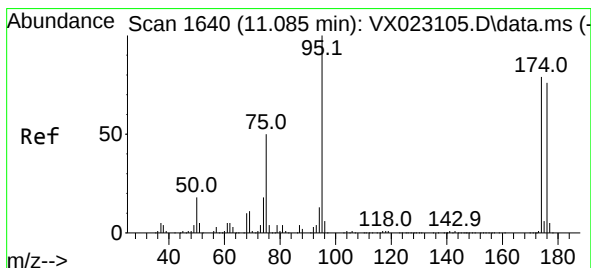
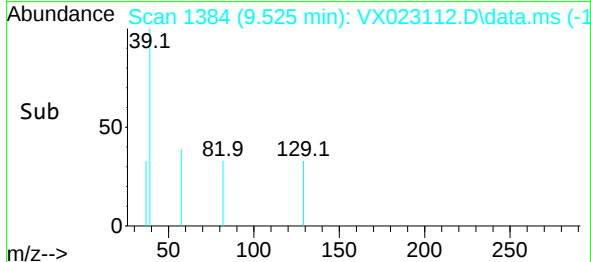
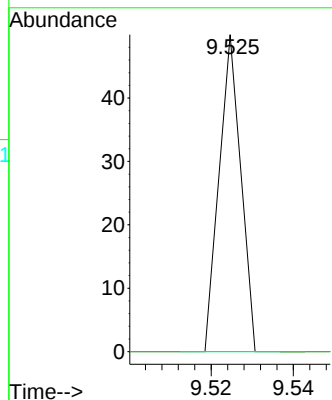
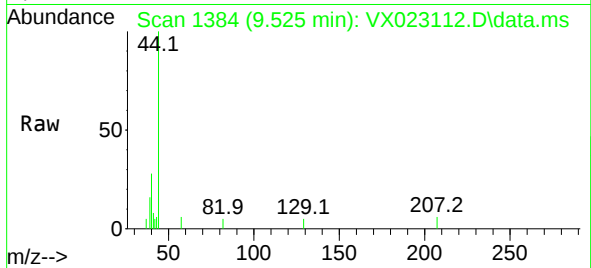




#60
Dibromochloromethane
Concen: 3.118 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

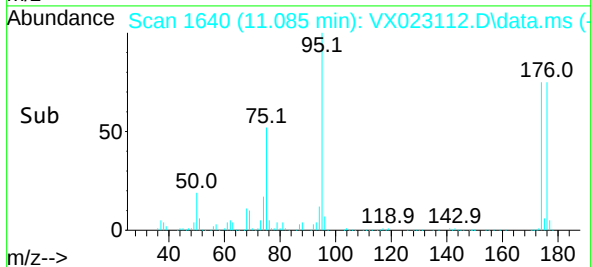
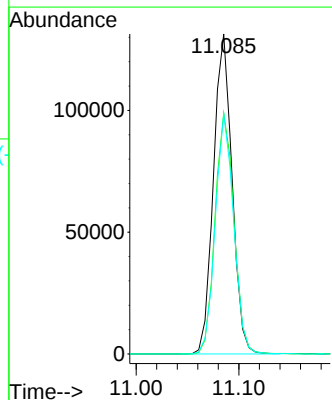
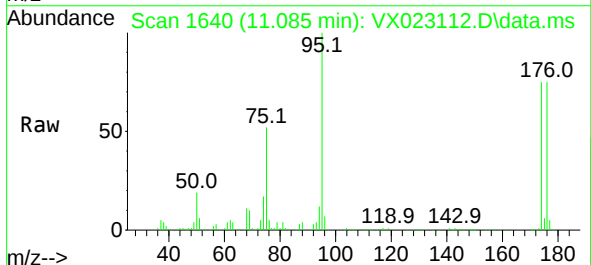
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

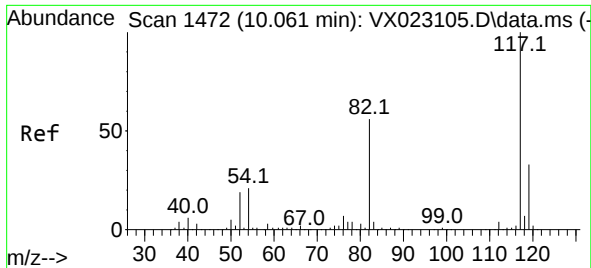
Tgt Ion:129 Resp: 18
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.677 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

Tgt Ion: 95 Resp: 165131
Ion Ratio Lower Upper
95 100
174 76.5 0.0 154.6
176 74.3 0.0 155.8

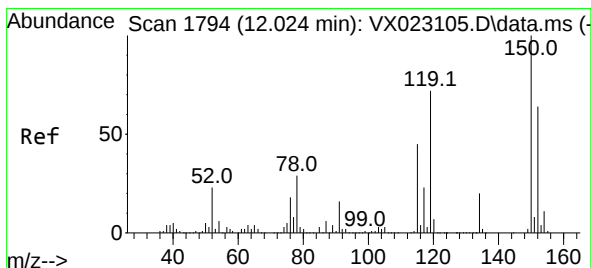
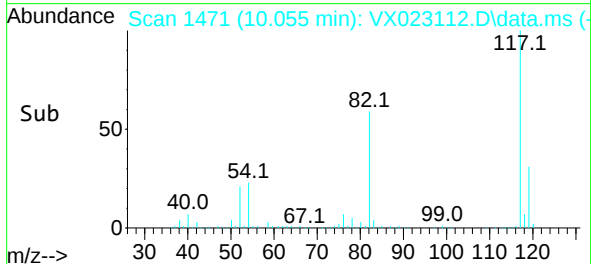
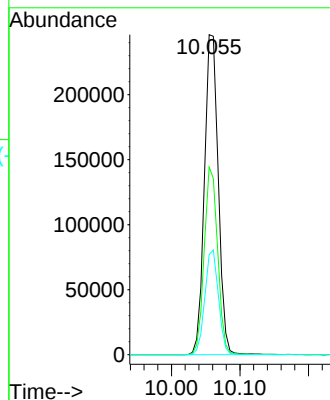
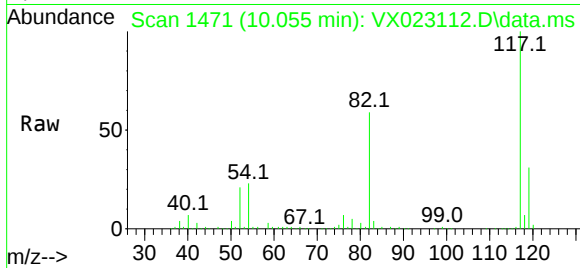




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

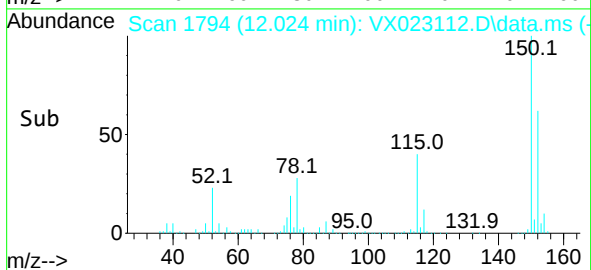
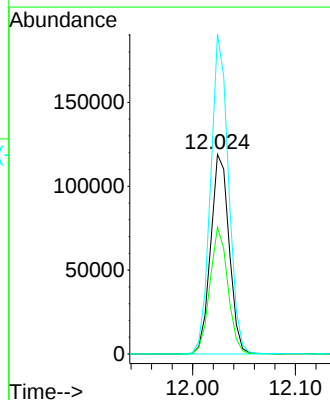
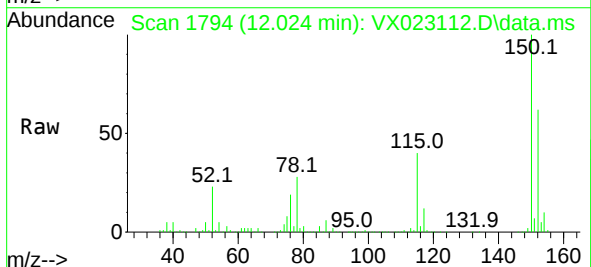
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

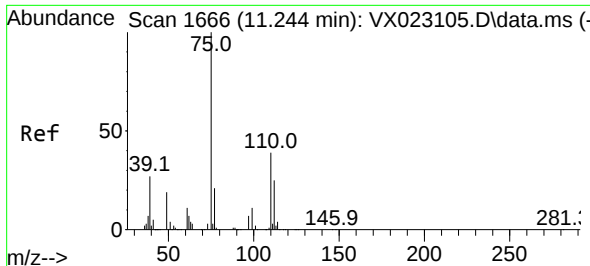
Tgt Ion:117 Resp: 347234
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

Tgt Ion:152 Resp: 148712
Ion Ratio Lower Upper
152 100
115 61.5 41.1 123.3
150 154.9 0.0 349.0

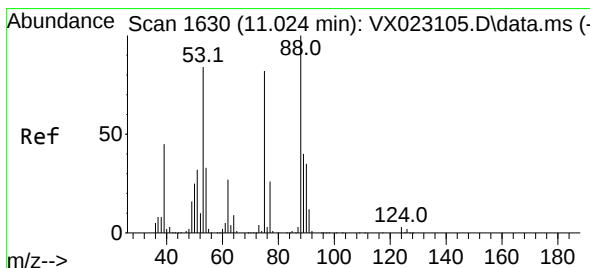
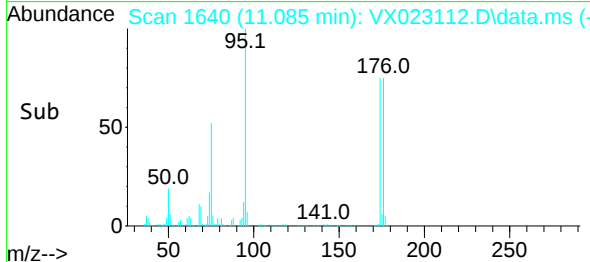
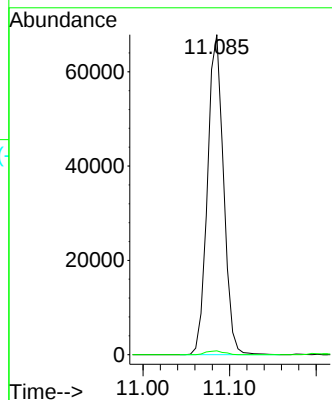
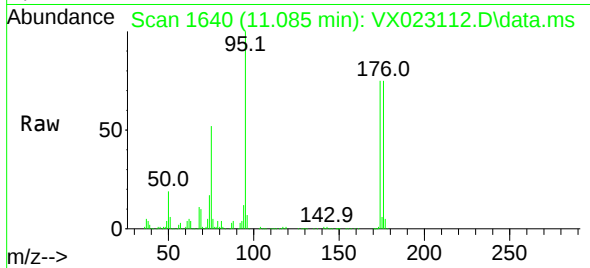




#76
1,2,3-Trichloropropane
Concen: 29.172 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

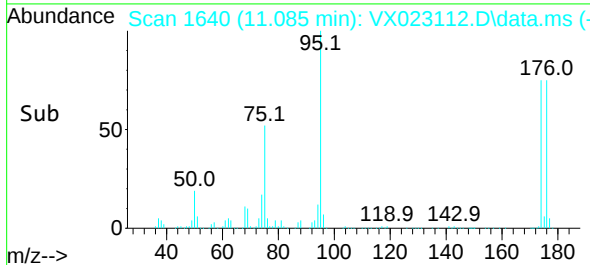
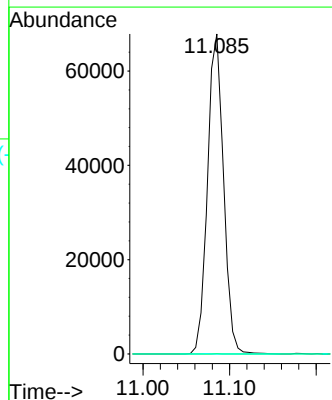
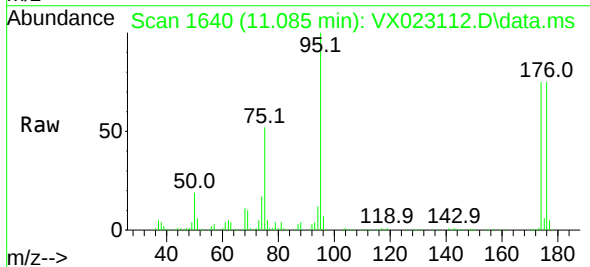
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

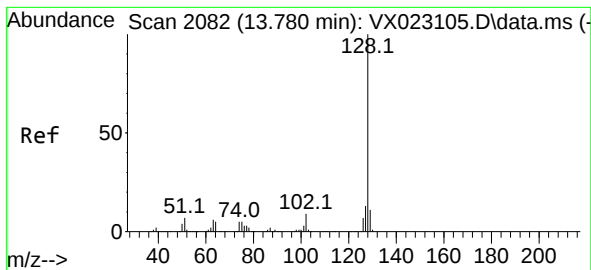
Tgt Ion: 75 Resp: 87300
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.459 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

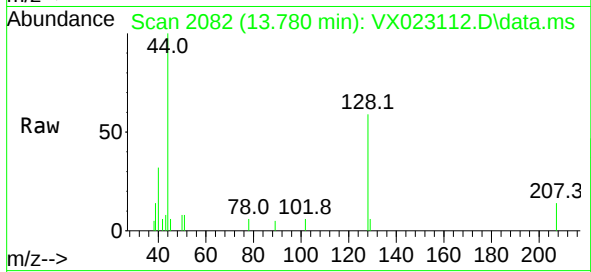
Tgt Ion: 75 Resp: 87300
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.344 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023112.D
Acq: 02 Jul 2021 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01



Tgt Ion:	128	Resp:	777
Ion	Ratio	Lower	Upper
128	100		
127	4.4	10.3	15.5#
129	6.3	8.8	13.2#

