

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020832.D
 Acq On : 03 Feb 2021 11:59
 Operator : JC/SP
 Sample : M1291-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2021-01-27-EB

Quant Time: Feb 04 02:20:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

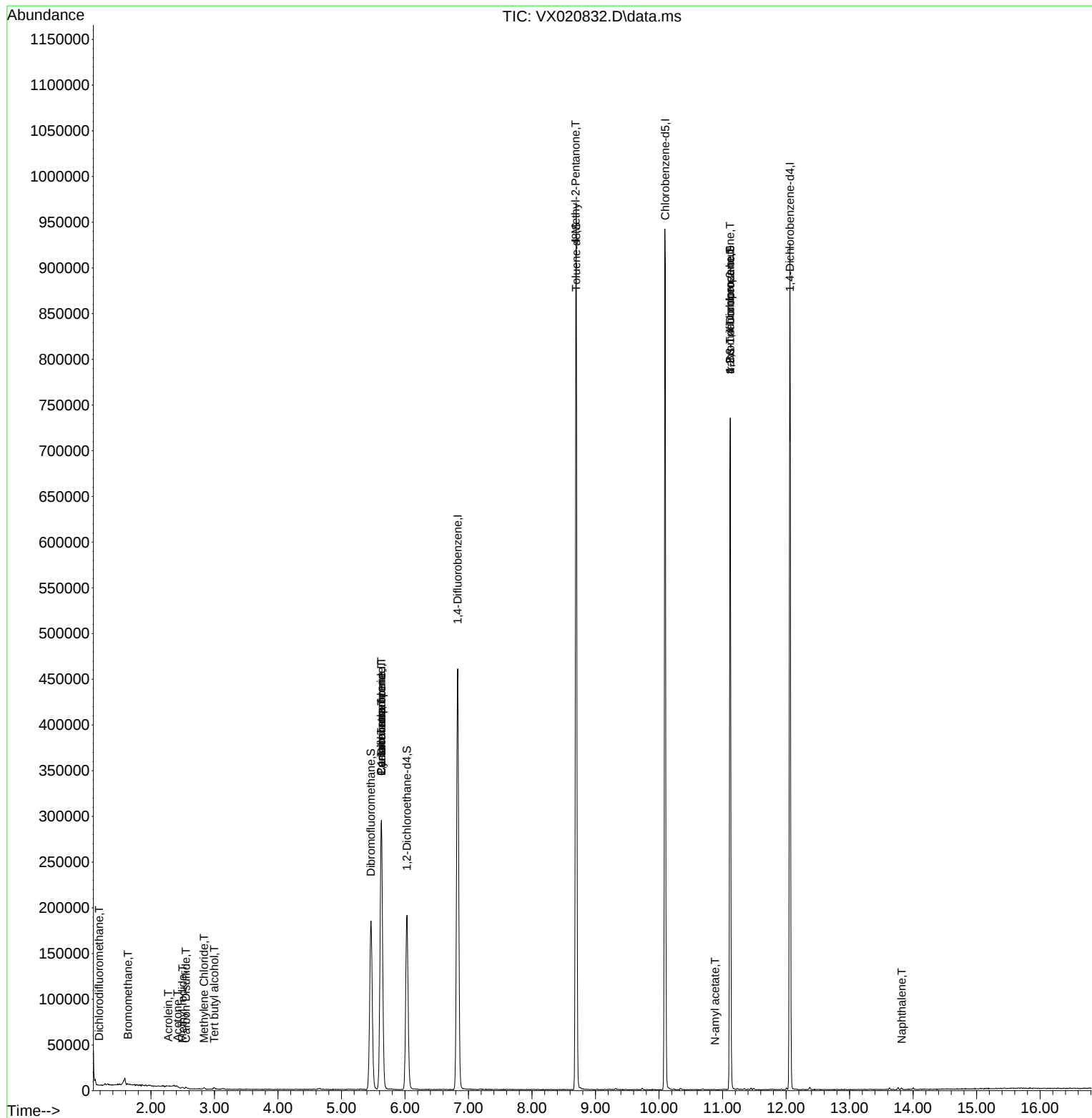
Internal Standards						
1) Pentafluorobenzene	5.629	168	276742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	470698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	447497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	191432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	184351	48.84	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.68%		
35) Dibromofluoromethane	5.464	113	161888	50.21	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.42%		
50) Toluene-d8	8.695	98	577169	48.83	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.66%		
62) 4-Bromofluorobenzene	11.122	95	201561	43.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.82%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	105	1.22	ug/l #	60
5) Bromomethane	1.636	94	578	0.31	ug/l #	67
10) Methyl Iodide	2.495	142	1453	0.39	ug/l	91
11) Tert butyl alcohol	2.995	59	962	1.37	ug/l #	73
13) Acrolein	2.270	56	247	0.46	ug/l #	28
16) Acetone	2.416	43	1946	1.36	ug/l	95
17) Carbon Disulfide	2.550	76	1942	1.12	ug/l #	91
20) Methylene Chloride	2.837	84	731	0.20	ug/l #	83
31) Cyclohexane	5.629	56	5331	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20477	4.33	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29301	5.90	ug/l #	16
51) 4-Methyl-2-Pentanone	8.689	43	2047	0.45	ug/l #	1
74) N-amyl acetate	10.884	43	113	2.03	ug/l #	67
76) 1,2,3-Trichloropropane	11.122	75	99726	22.46	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	99726	62.94	ug/l #	12
95) Naphthalene	13.823	128	1237	2.95	ug/l #	89

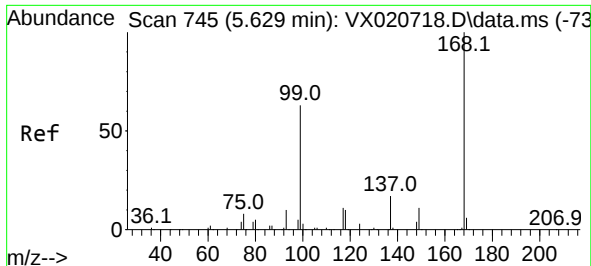
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
Data File : VX020832.D
Acq On : 03 Feb 2021 11:59
Operator : JC/SP
Sample : M1291-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

Quant Time: Feb 04 02:20:18 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
Response via : Initial Calibration

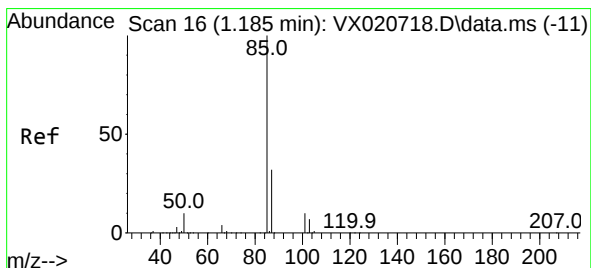
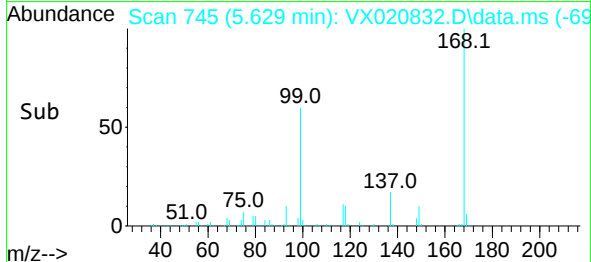
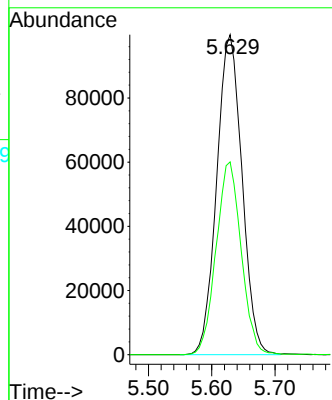
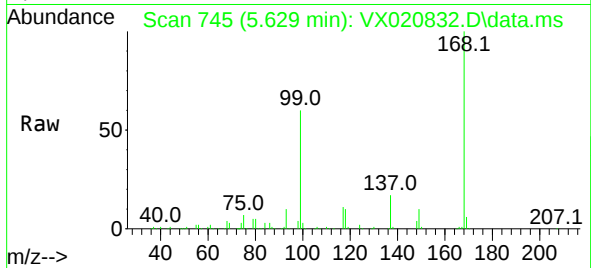




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

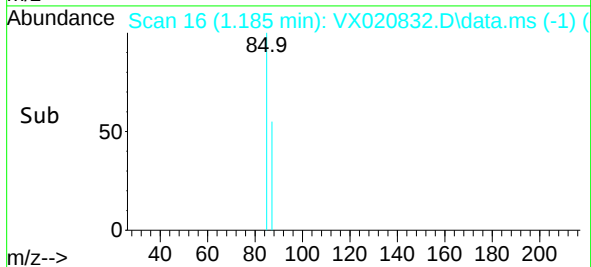
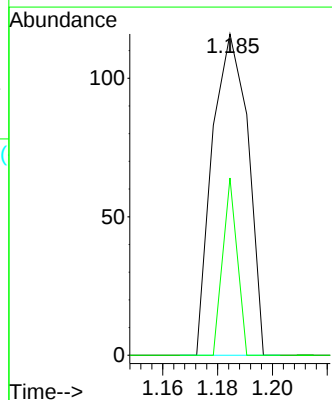
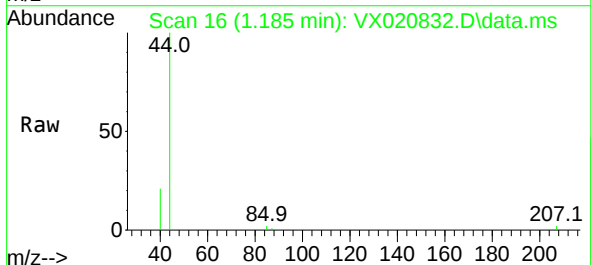
Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

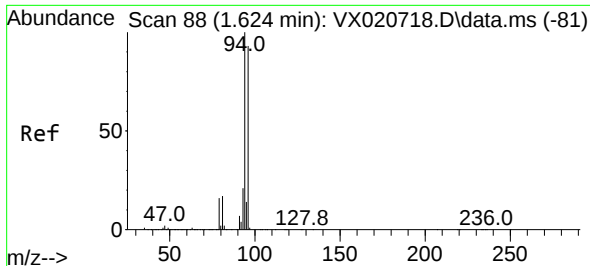
Tgt Ion:168 Resp: 276742
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.22 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

Tgt Ion: 85 Resp: 105
Ion Ratio Lower Upper
85 100
87 55.2 16.4 49.2#

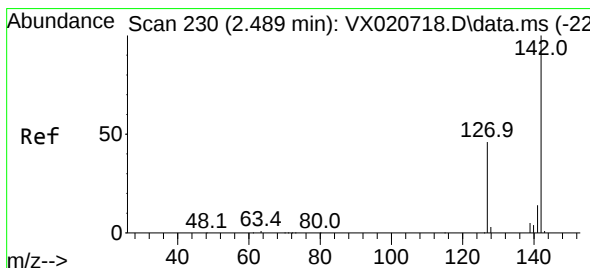
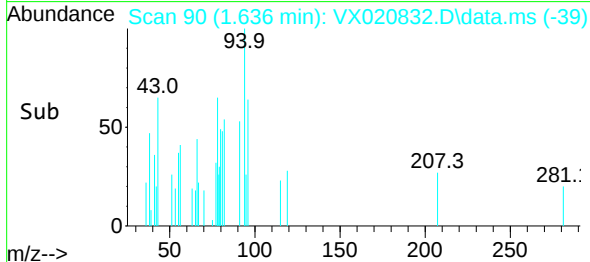
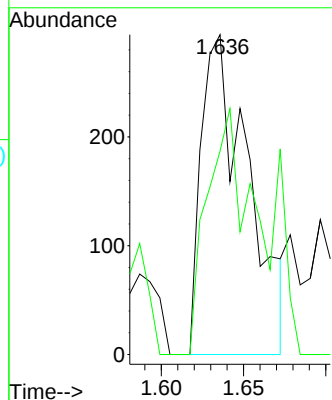
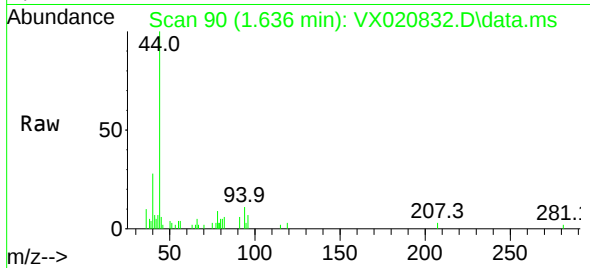




#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

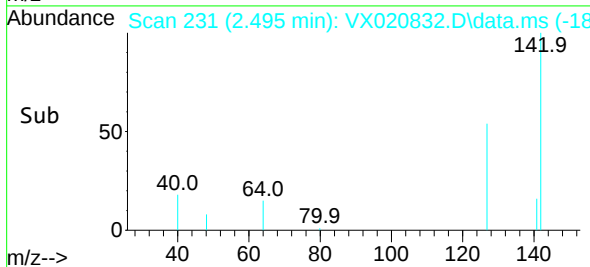
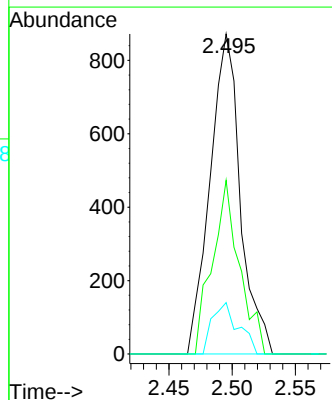
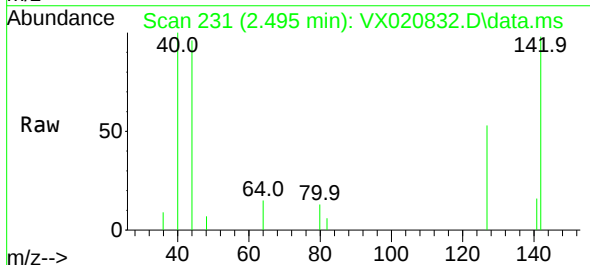
Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

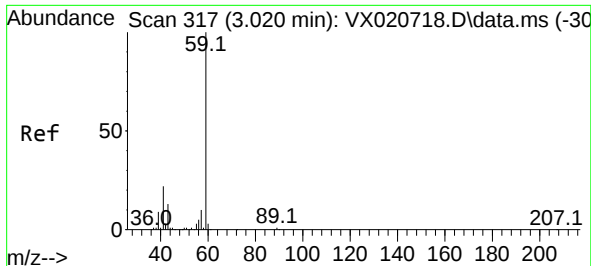
Tgt Ion: 94 Resp: 578
Ion Ratio Lower Upper
94 100
96 63.6 76.4 114.6#



#10
Methyl Iodide
Concen: 0.39 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

Tgt Ion: 142 Resp: 1453
Ion Ratio Lower Upper
142 100
127 48.6 33.3 49.9
141 13.8 11.4 17.0

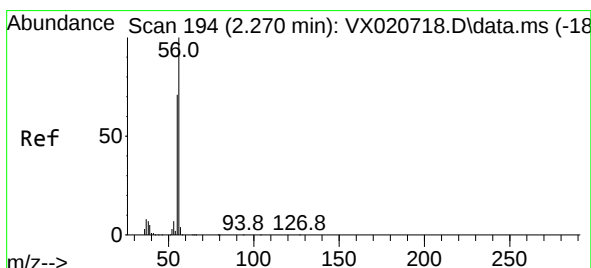
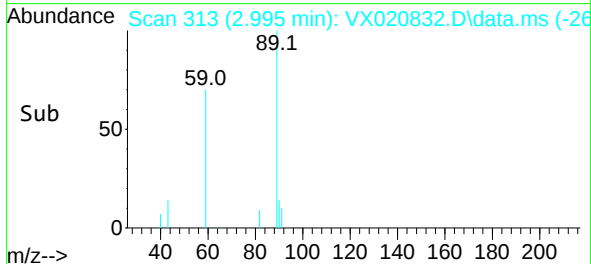
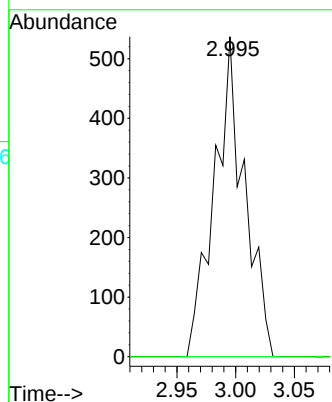
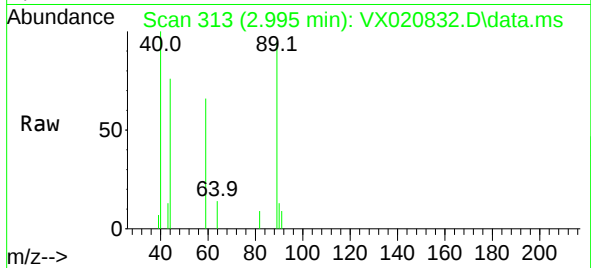




#11
Tert butyl alcohol
Concen: 1.37 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

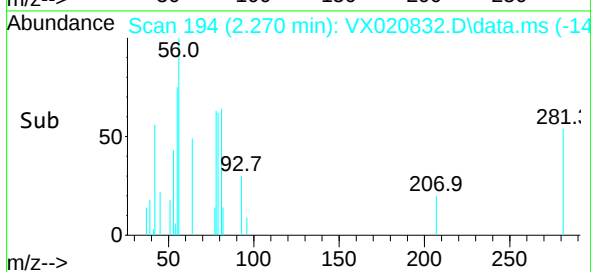
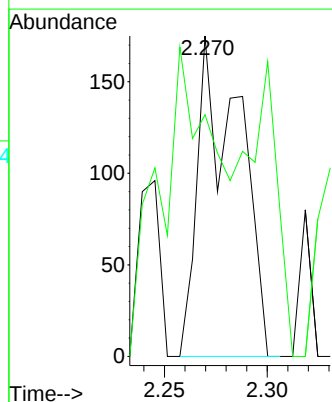
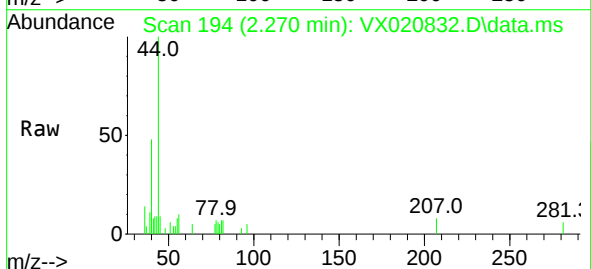
Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

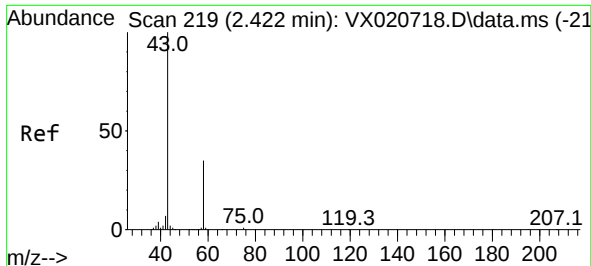
Tgt Ion: 59 Resp: 962
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.46 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

Tgt Ion: 56 Resp: 247
Ion Ratio Lower Upper
56 100
55 130.0 56.4 84.6#

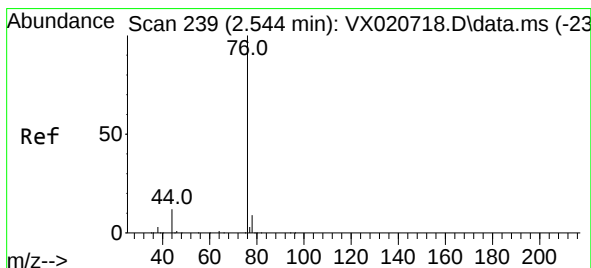
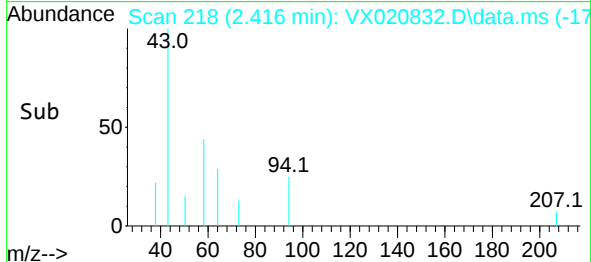
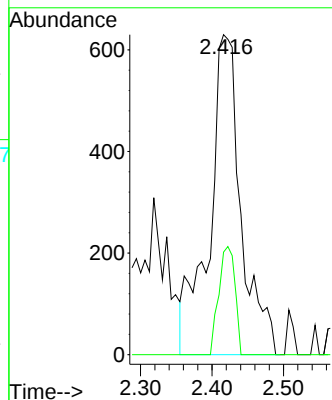
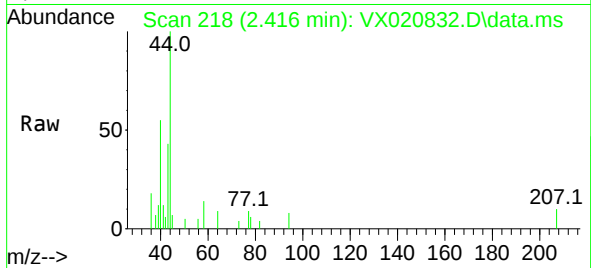




#16
Acetone
Concen: 1.36 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

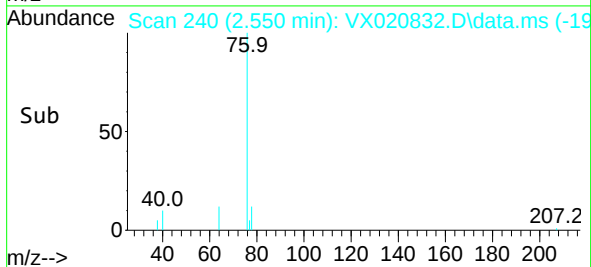
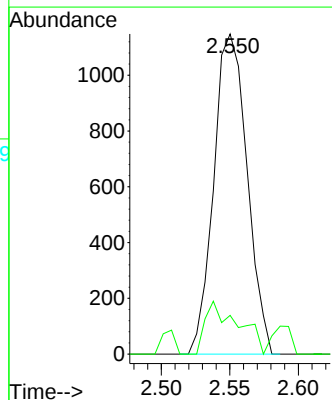
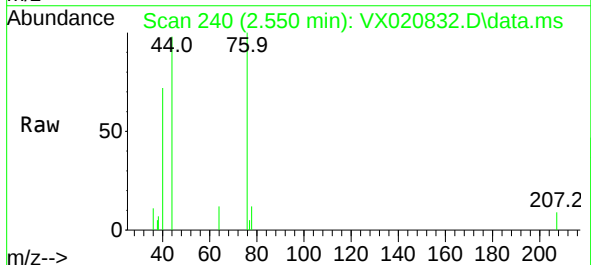
Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

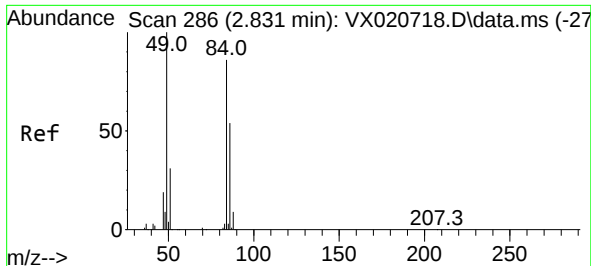
Tgt Ion: 43 Resp: 1946
Ion Ratio Lower Upper
43 100
58 32.1 27.8 41.8



#17
Carbon Disulfide
Concen: 1.12 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

Tgt Ion: 76 Resp: 1942
Ion Ratio Lower Upper
76 100
78 12.1 7.2 10.8#

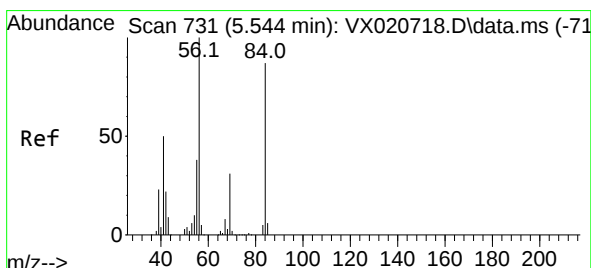
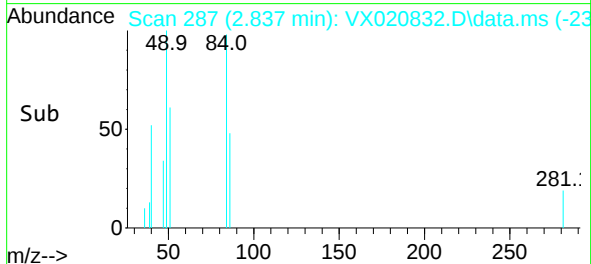
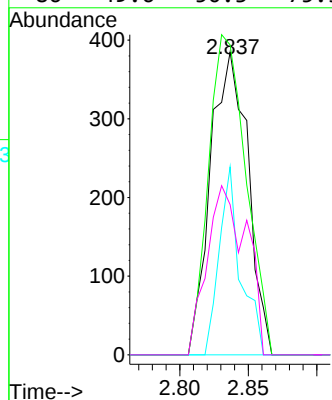
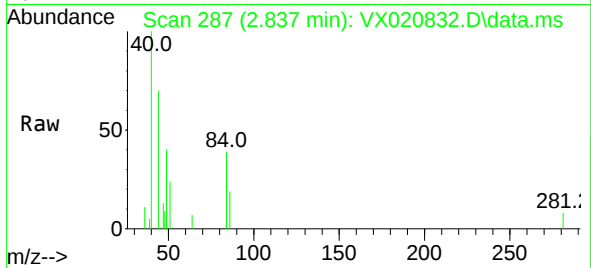




#20
Methylene Chloride
Concen: 0.20 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

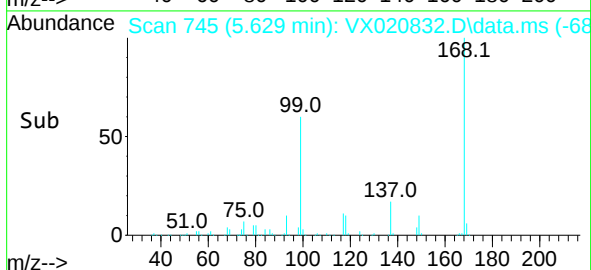
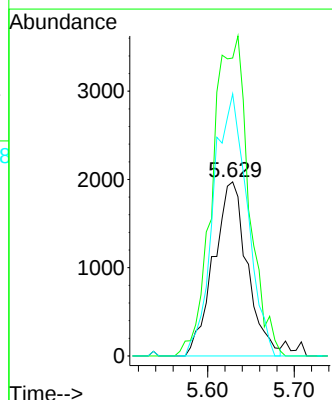
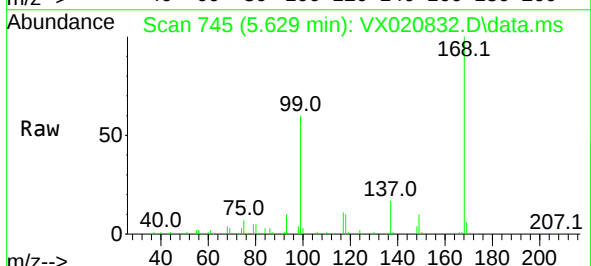
Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

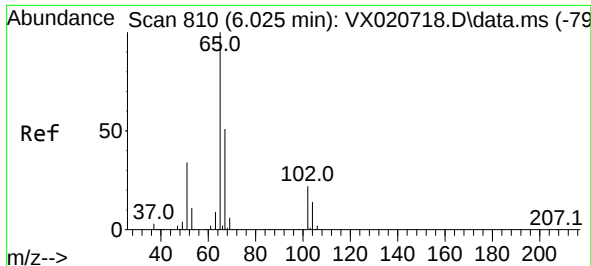
Tgt Ion:	84	Resp:	731
Ion	Ratio	Lower	Upper
84	100		
49	102.3	88.6	132.8
51	62.1	27.0	40.6#
86	49.6	50.3	75.5#



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.085 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

Tgt Ion:	56	Resp:	5331
Ion	Ratio	Lower	Upper
56	100		
69	168.4	25.3	37.9#
84	150.5	71.4	107.0#

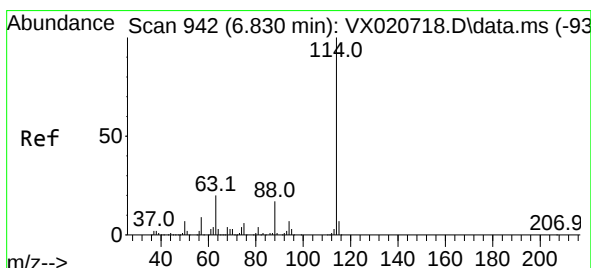
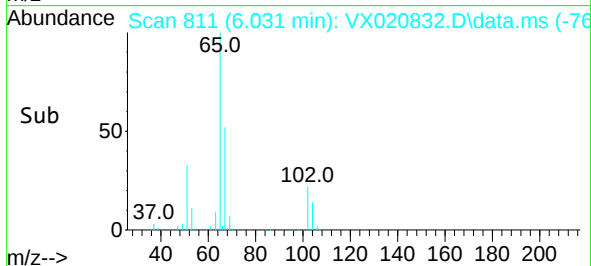
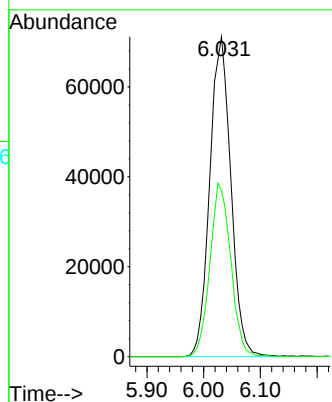
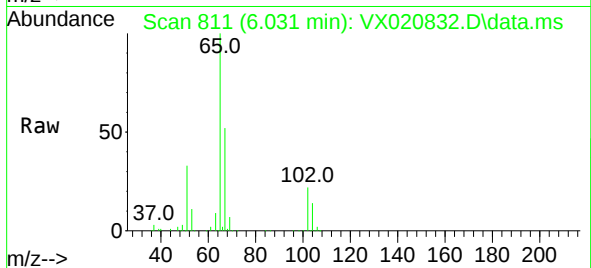




#33
1,2-Dichloroethane-d4
Concen: 48.84 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

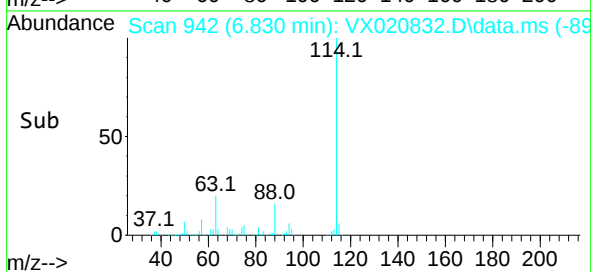
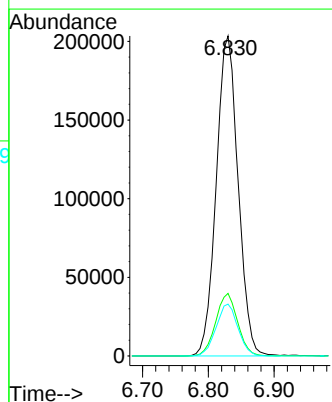
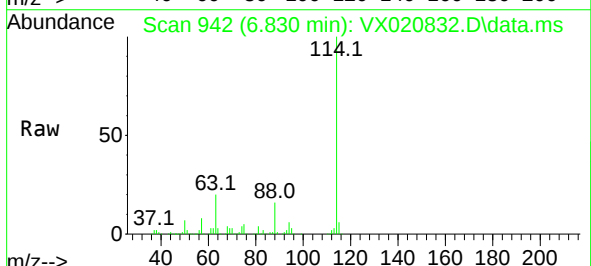
Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

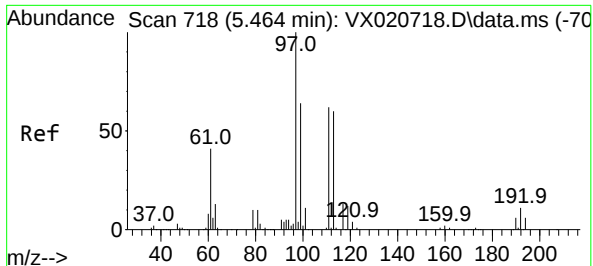
Tgt Ion: 65 Resp: 184351
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

Tgt Ion: 114 Resp: 470698
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.21 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX020832.D

Acq: 03 Feb 2021 11:59

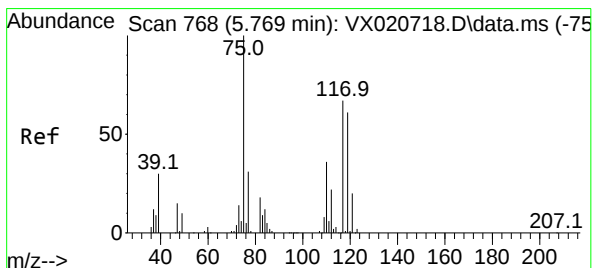
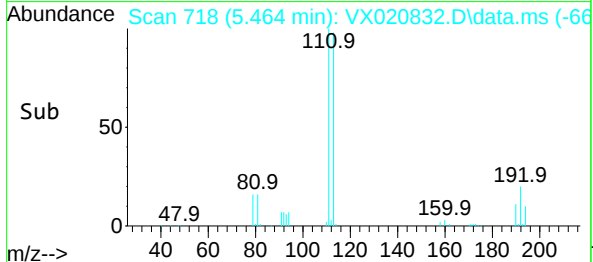
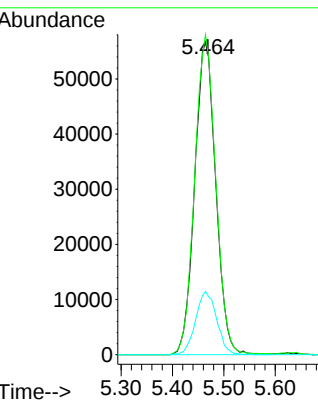
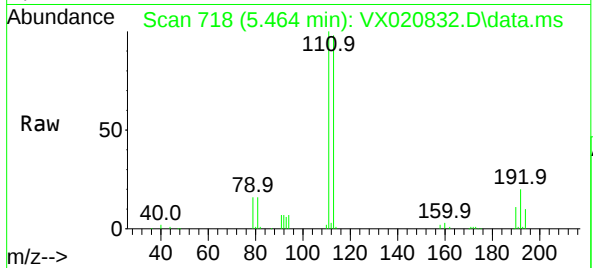
Tgt Ion:113 Resp: 161888

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

192 20.2 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.33 ug/l

RT: 5.629 min Scan# 745

Delta R.T. -0.140 min

Lab File: VX020832.D

Acq: 03 Feb 2021 11:59

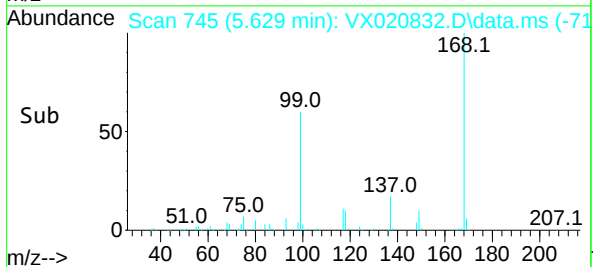
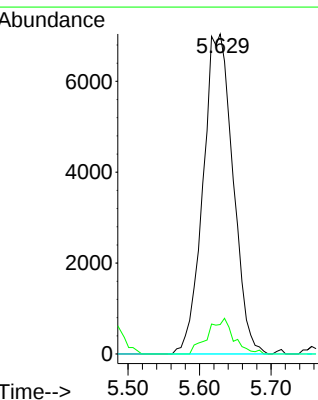
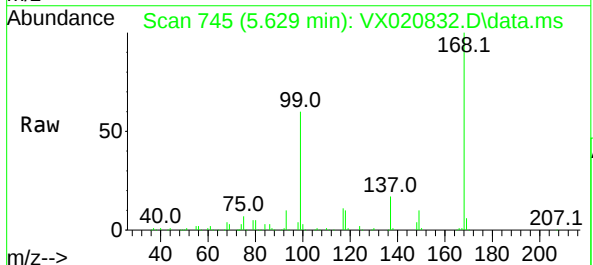
Tgt Ion: 75 Resp: 20477

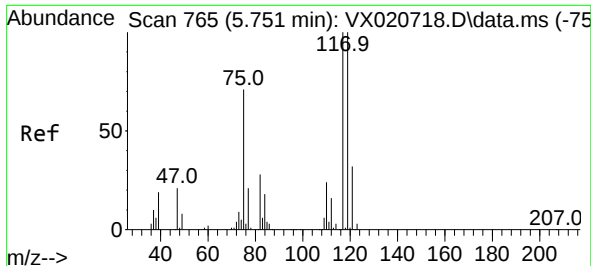
Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.4#

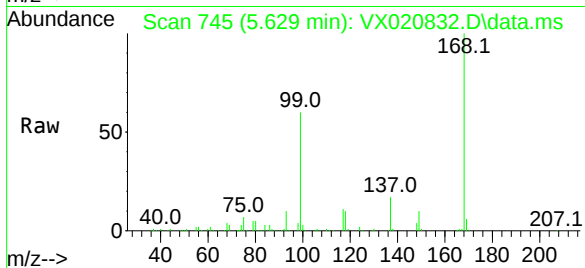
77 0.0 25.3 37.9#



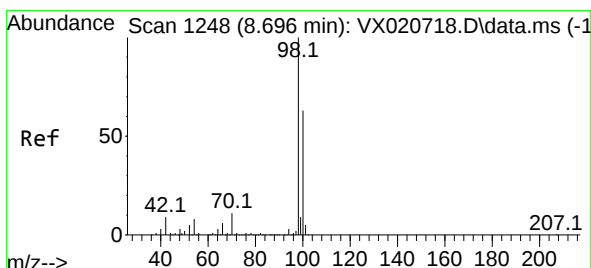
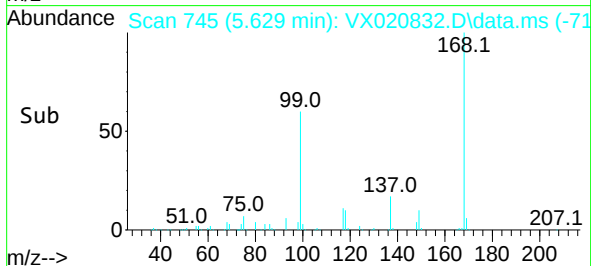
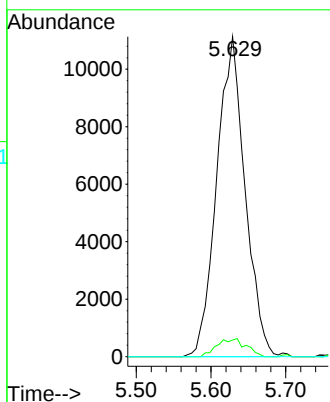


#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

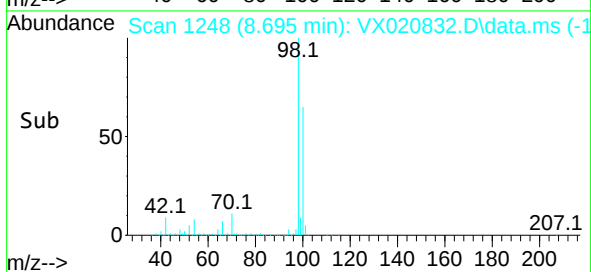
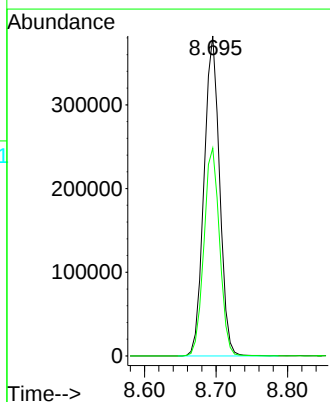
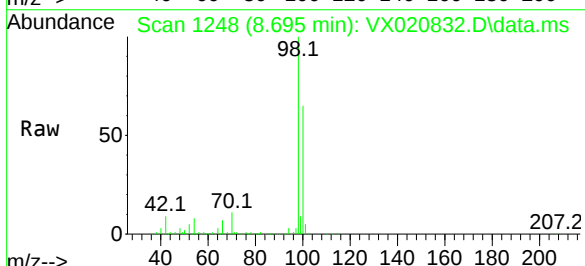


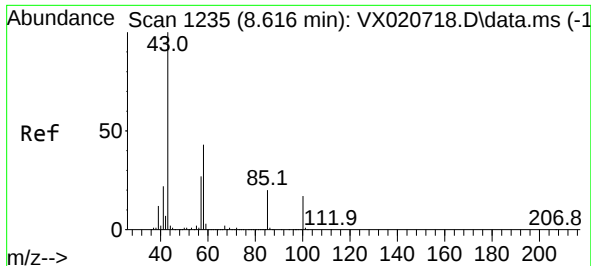
Tgt Ion:117 Resp: 29301
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.83 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

Tgt Ion: 98 Resp: 577169
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

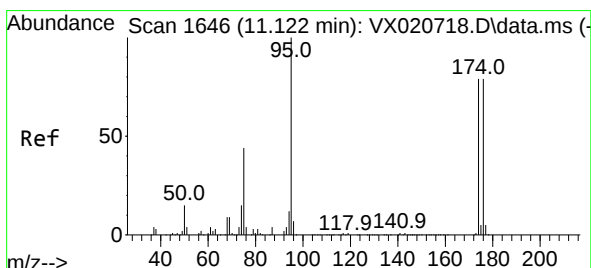
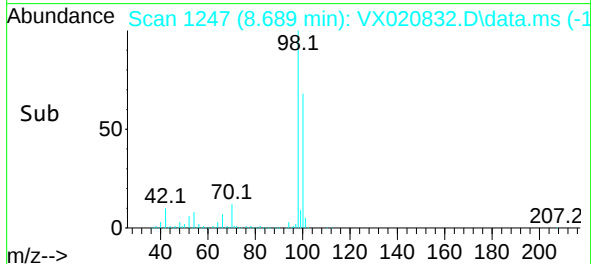
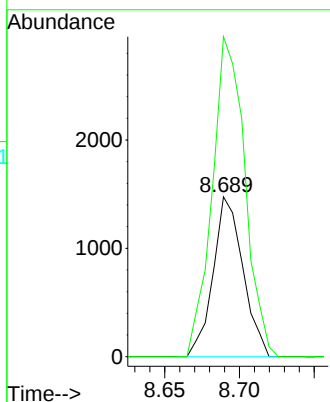
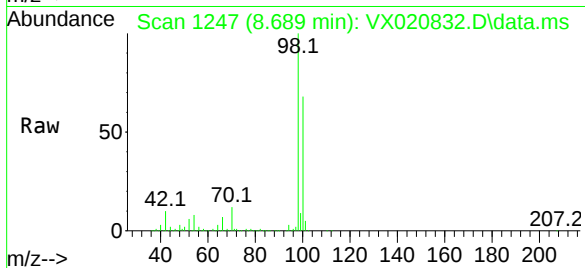




#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.073 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

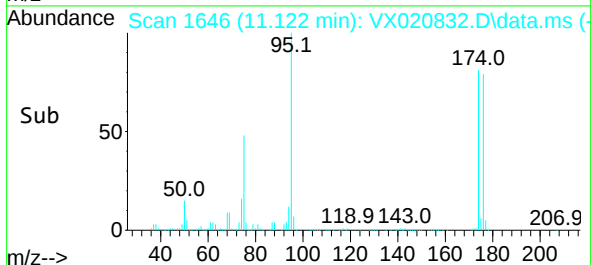
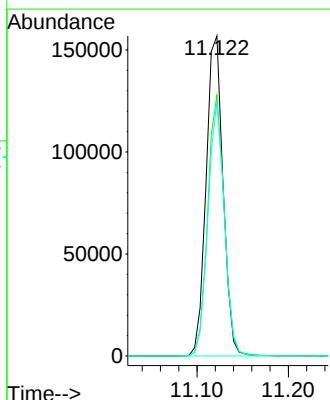
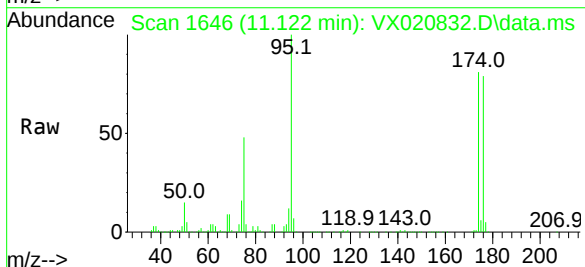
Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

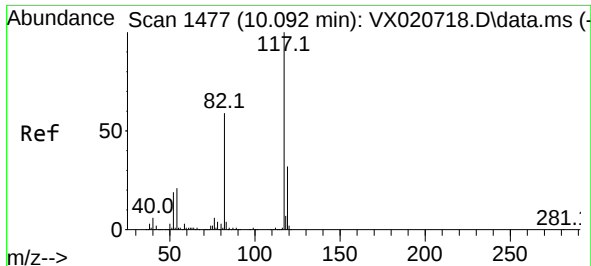
Tgt Ion: 43 Resp: 2047
Ion Ratio Lower Upper
43 100
58 219.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 43.91 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

Tgt Ion: 95 Resp: 201561
Ion Ratio Lower Upper
95 100
174 79.7 0.0 154.6
176 76.9 0.0 155.8

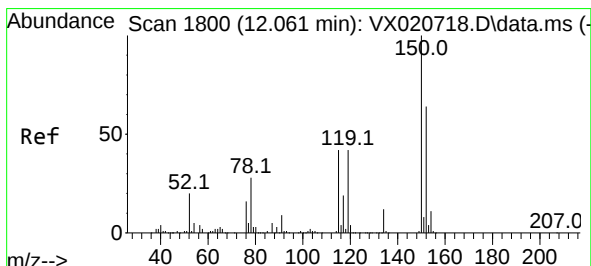
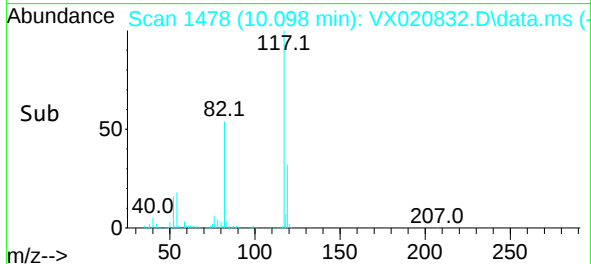
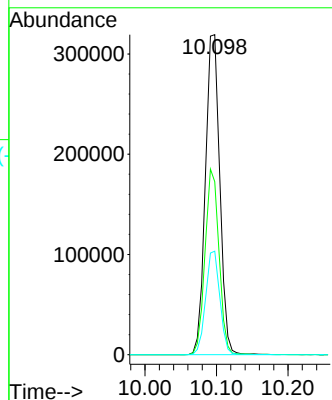
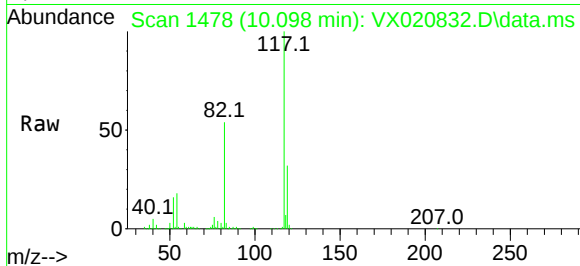




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

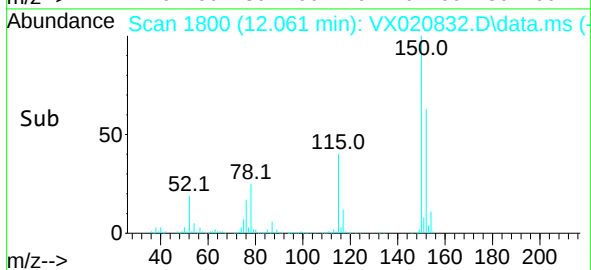
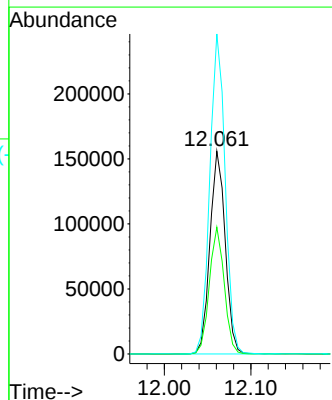
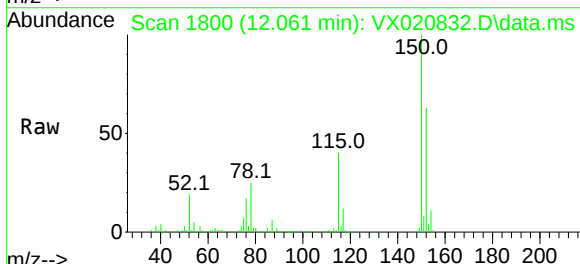
Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

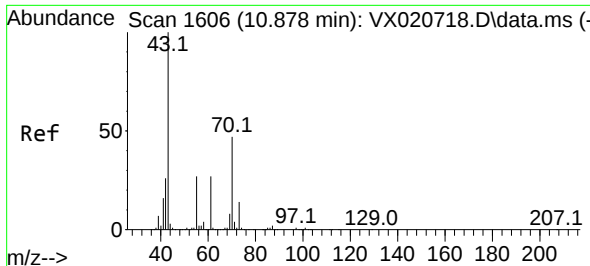
Tgt Ion:117 Resp: 447497
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

Tgt Ion:152 Resp: 191432
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 157.5 0.0 349.0

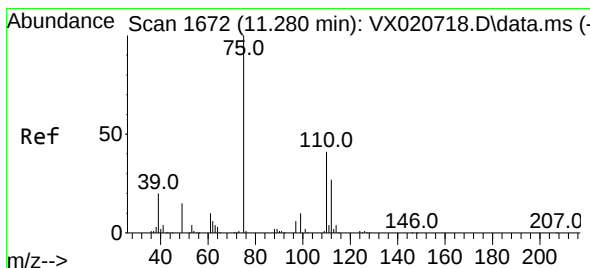
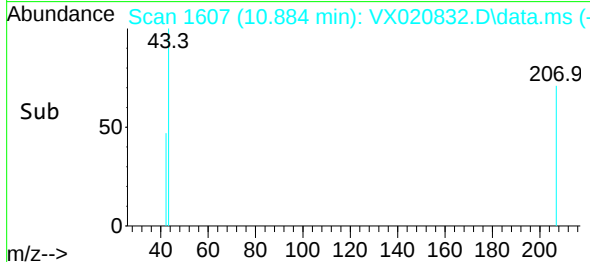
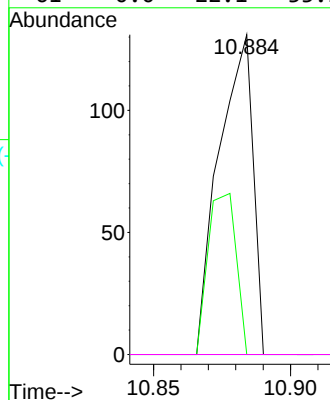
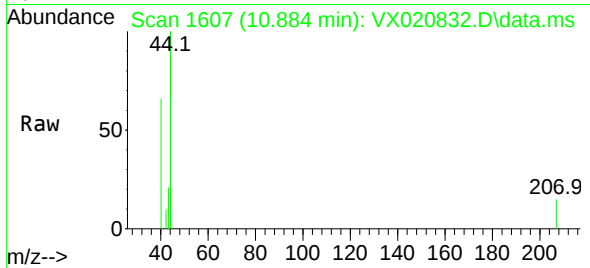




#74
N-amy1 acetate
Concen: 2.03 ug/l
RT: 10.884 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

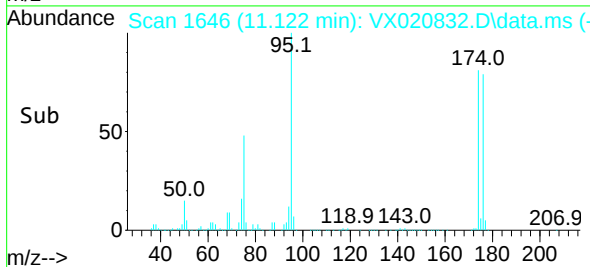
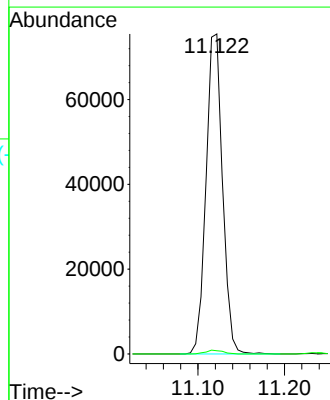
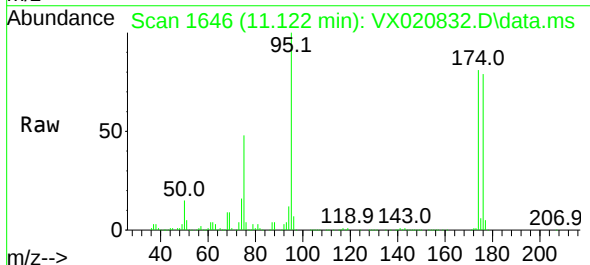
Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

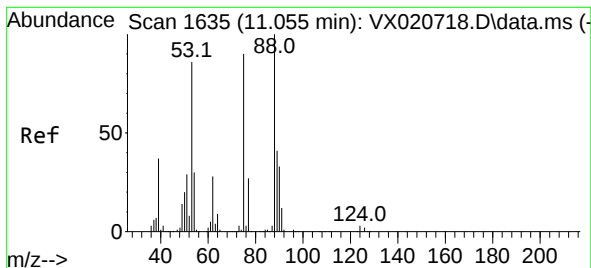
Tgt Ion: 43	Resp: 113
Ion Ratio	Lower Upper
43	100
70	41.6 39.0 58.6
55	0.0 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 22.46 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

Tgt Ion: 75	Resp: 99726
Ion Ratio	Lower Upper
75	100
77	1.3 19.1 57.5#

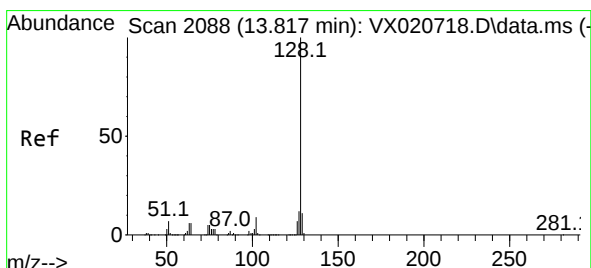
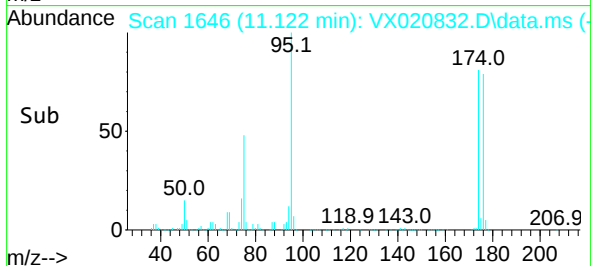
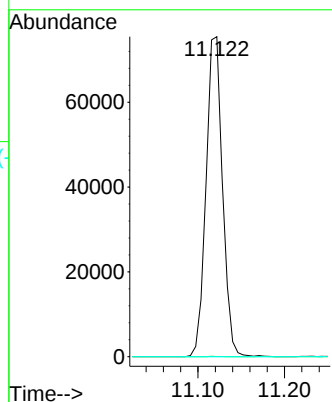
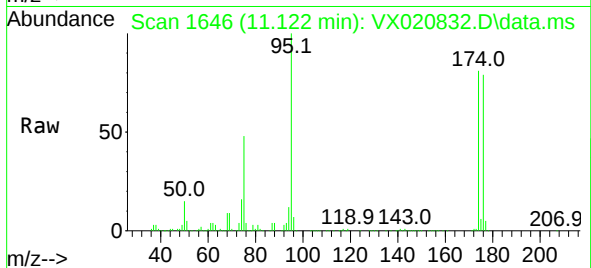




#81
trans-1,4-Dichloro-2-butene
Concen: 62.94 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

Tgt Ion: 75 Resp: 99726
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.95 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.005 min
Lab File: VX020832.D
Acq: 03 Feb 2021 11:59

Tgt Ion: 128 Resp: 1237
Ion Ratio Lower Upper
128 100
127 8.8 10.3 15.5#
129 15.8 8.8 13.2#

