

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020298.D
 Acq On : 22 Dec 2020 13:09
 Operator : JC/MD
 Sample : L5146-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-PZ004(DOB)-121620

Quant Time: Dec 23 00:29:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

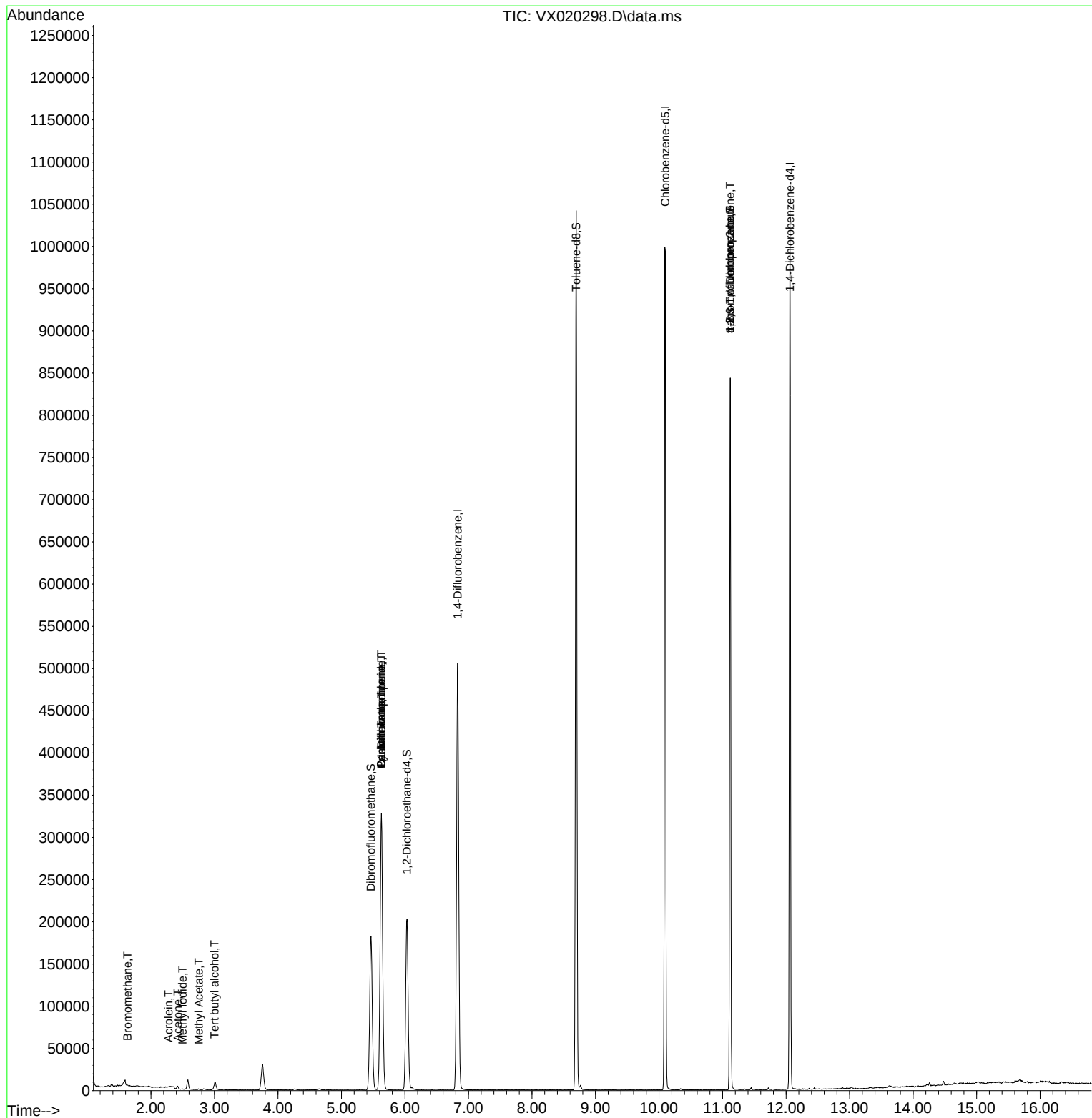
Internal Standards						
1) Pentafluorobenzene	5.629	168	311362	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	514255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	477173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	210017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	197509	47.32	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.64%		
35) Dibromofluoromethane	5.464	113	159826	48.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.16%		
50) Toluene-d8	8.695	98	617541	48.77	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.54%		
62) 4-Bromofluorobenzene	11.122	95	234527	48.39	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.78%		
Target Compounds						Qvalue
5) Bromomethane	1.629	94	602	0.44	ug/l	90
10) Methyl Iodide	2.495	142	623	3.42	ug/l #	88
11) Tert butyl alcohol	3.001	59	2141	2.29	ug/l #	88
13) Acrolein	2.276	56	169	0.29	ug/l #	14
16) Acetone	2.422	43	3369	1.77	ug/l	99
18) Methyl Acetate	2.751	43	1020	0.24	ug/l #	73
31) Cyclohexane	5.629	56	6245	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	23455	4.62	ug/l #	48
38) Carbon Tetrachloride	5.629	117	30356	6.28	ug/l #	16
76) 1,2,3-Trichloropropane	11.122	75	112414	21.73	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	112414	64.47	ug/l #	12

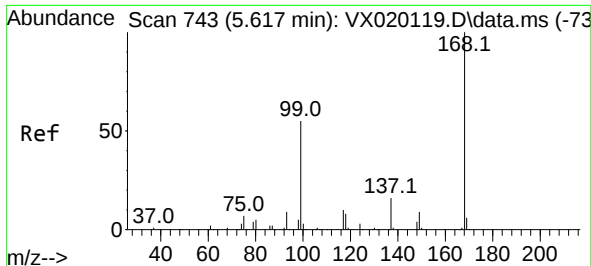
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
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49-PZ004(DOB)-121620

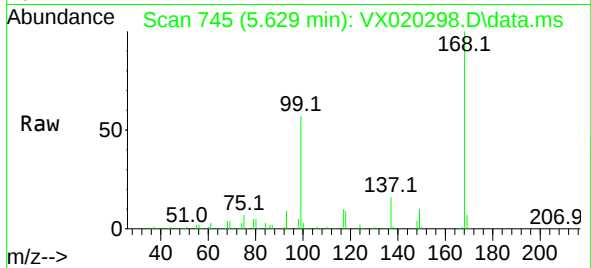
Quant Time: Dec 23 00:29:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
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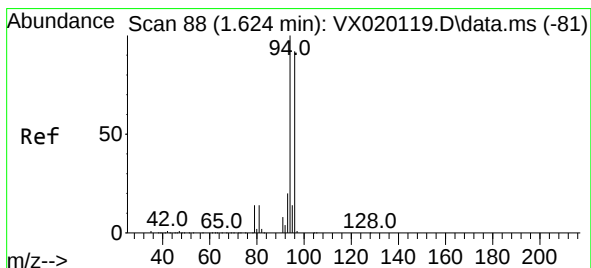
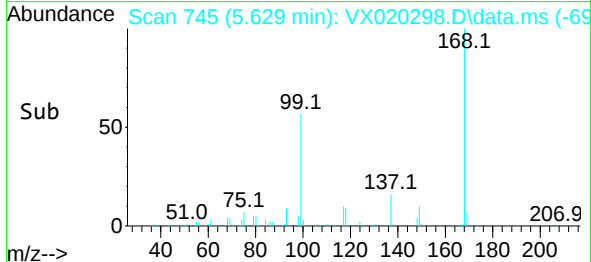
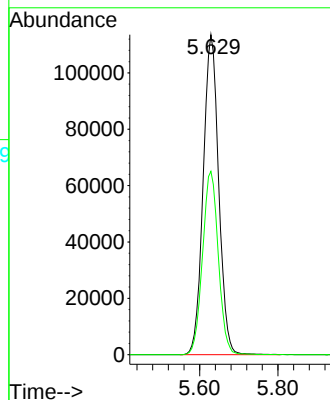


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020298.D
Acq: 22 Dec 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
49-PZ004(DOB)-121620

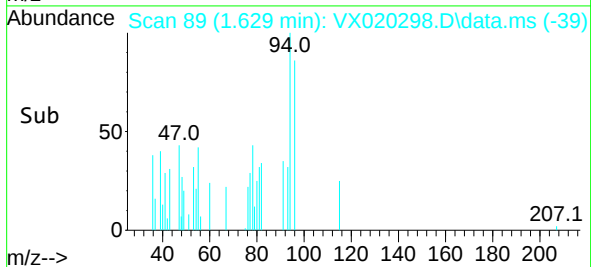
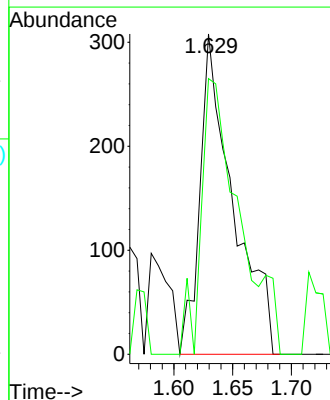
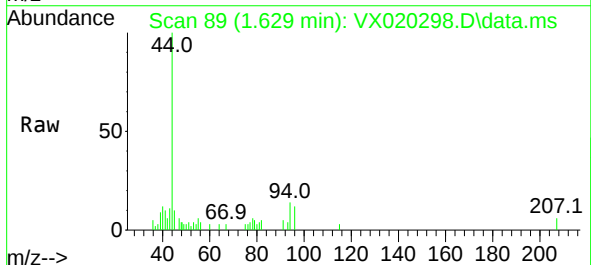


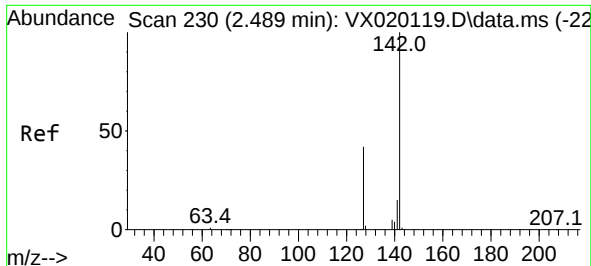
Tgt Ion:168 Resp: 311362
Ion Ratio Lower Upper
168 100
99 57.3 45.8 68.6



#5
Bromomethane
Concen: 0.44 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.005 min
Lab File: VX020298.D
Acq: 22 Dec 2020 13:09

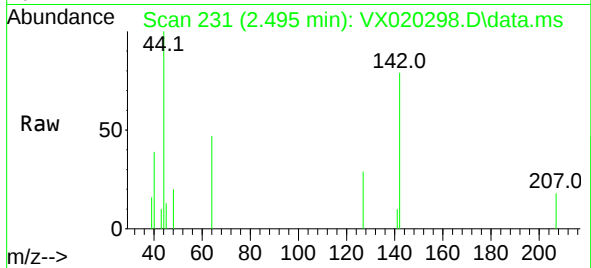
Tgt Ion: 94 Resp: 602
Ion Ratio Lower Upper
94 100
96 86.0 76.4 114.6



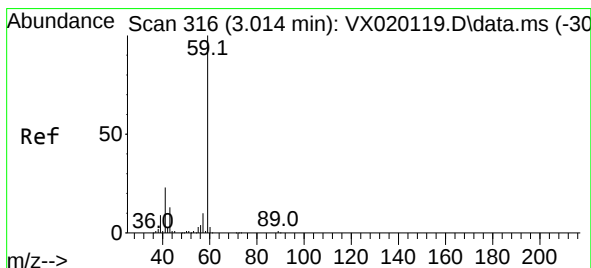
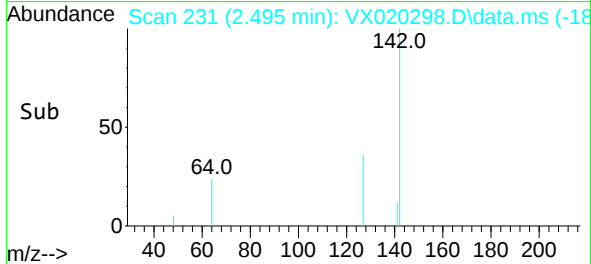
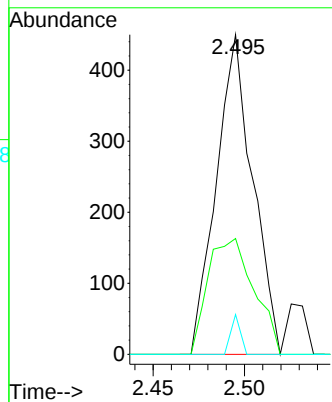


#10
Methyl Iodide
Concen: 3.42 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020298.D
Acq: 22 Dec 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
49-PZ004(DOB)-121620

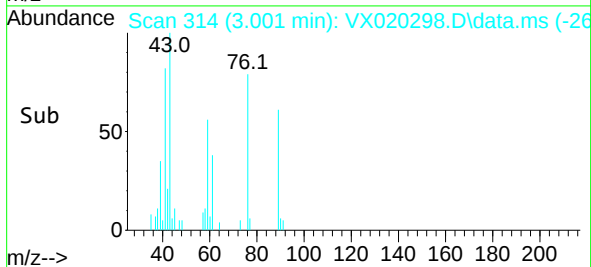
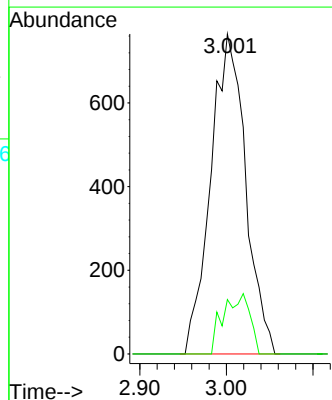
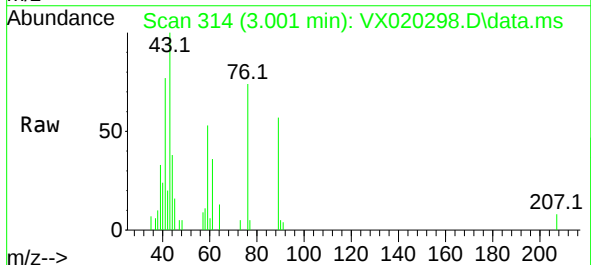


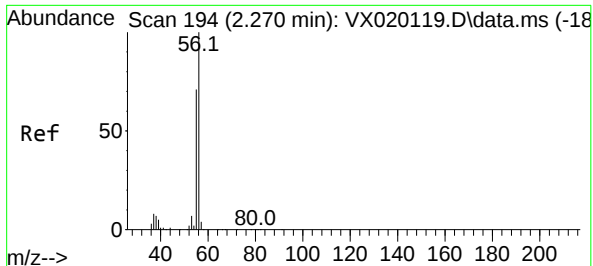
Tgt Ion:142 Resp: 623
Ion Ratio Lower Upper
142 100
127 45.9 33.3 49.9
141 3.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.29 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020298.D
Acq: 22 Dec 2020 13:09

Tgt Ion: 59 Resp: 2141
Ion Ratio Lower Upper
59 100
57 14.3 7.8 11.8#

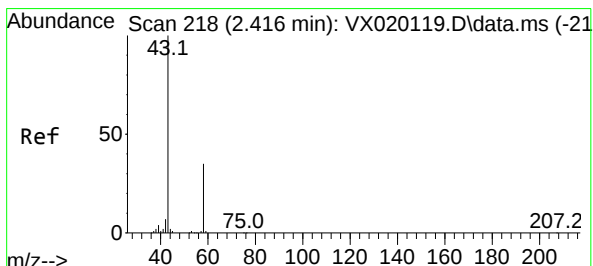
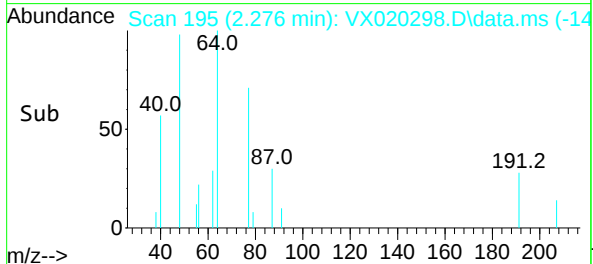
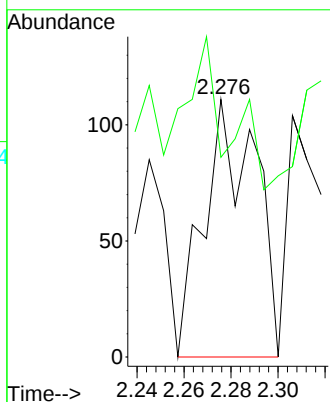
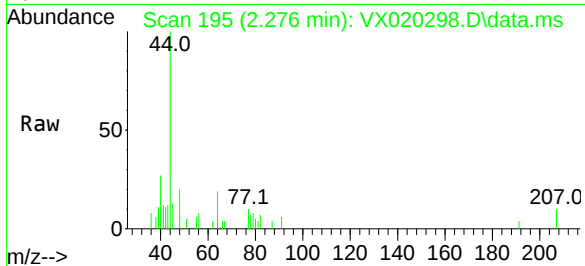




#13
Acrolein
Concen: 0.29 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020298.D
Acq: 22 Dec 2020 13:09

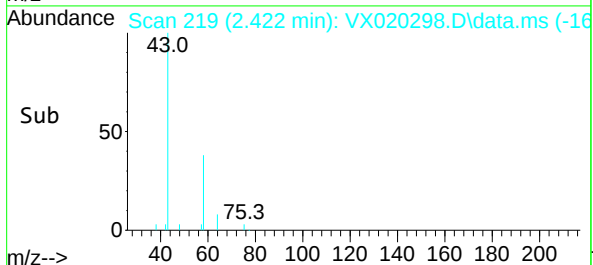
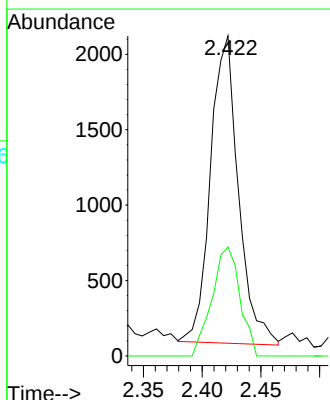
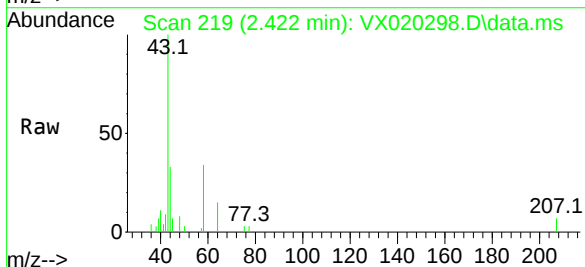
Instrument :
MSVOA_X
ClientSampleId :
49-PZ004(DOB)-121620

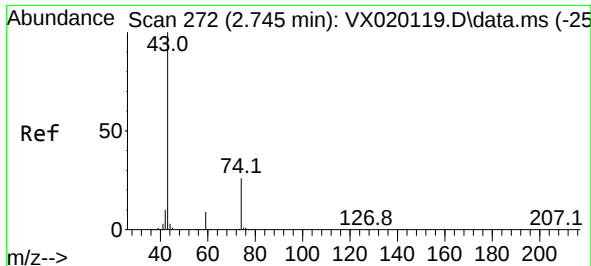
Tgt Ion: 56 Resp: 169
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.77 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020298.D
Acq: 22 Dec 2020 13:09

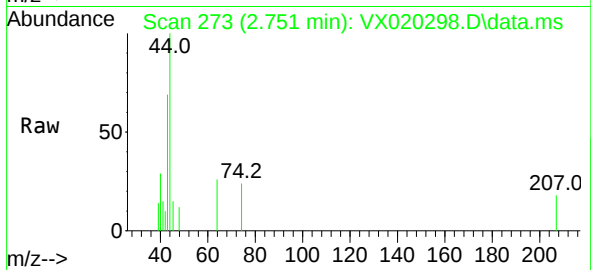
Tgt Ion: 43 Resp: 3369
Ion Ratio Lower Upper
43 100
58 35.6 27.8 41.8



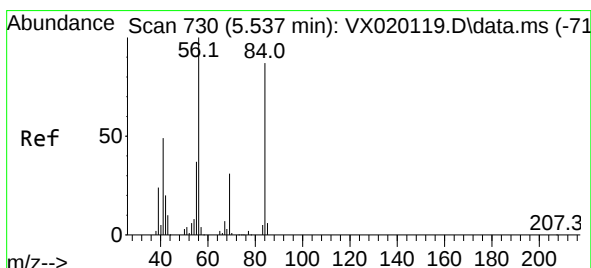
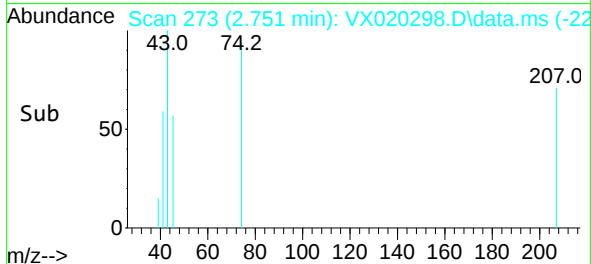
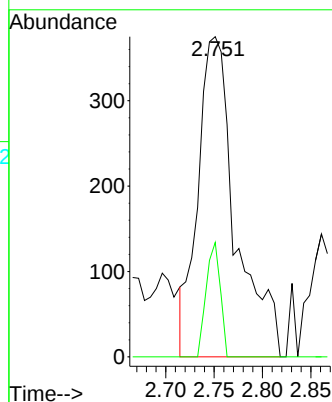


#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020298.D
Acq: 22 Dec 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
49-PZ004(DOB)-121620

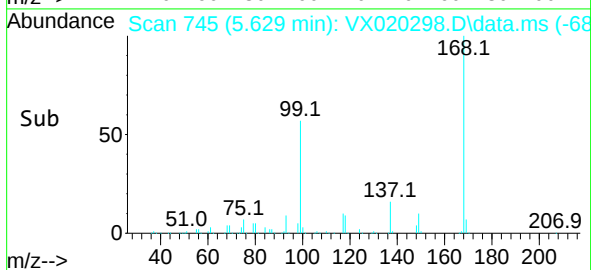
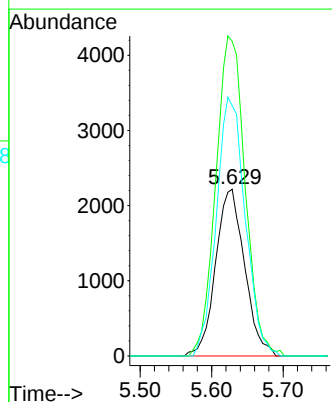
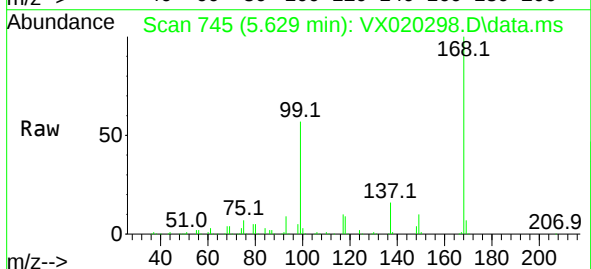


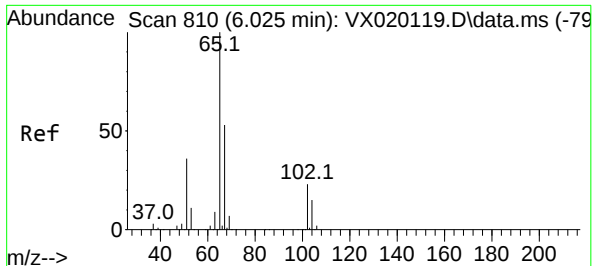
Tgt Ion: 43 Resp: 1020
Ion Ratio Lower Upper
43 100
74 13.3 21.9 32.9#



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020298.D
Acq: 22 Dec 2020 13:09

Tgt Ion: 56 Resp: 6245
Ion Ratio Lower Upper
56 100
69 188.8 25.3 37.9#
84 150.2 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 47.32 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020298.D

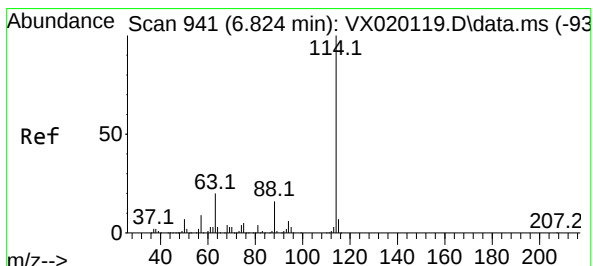
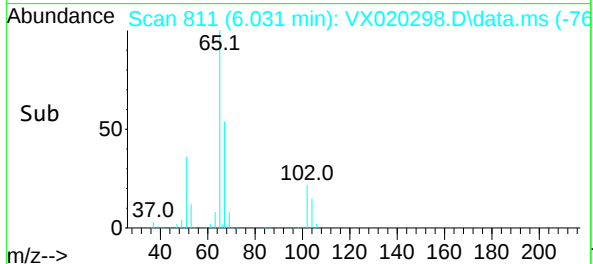
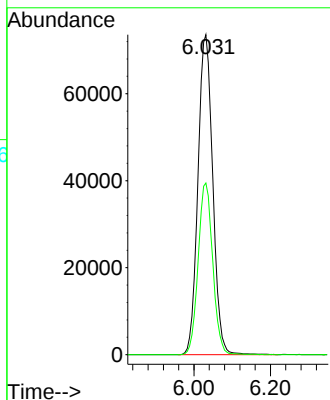
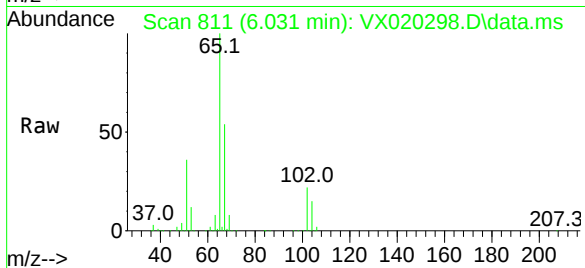
Acq: 22 Dec 2020 13:09

Tgt Ion: 65 Resp: 197509

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020298.D

Acq: 22 Dec 2020 13:09

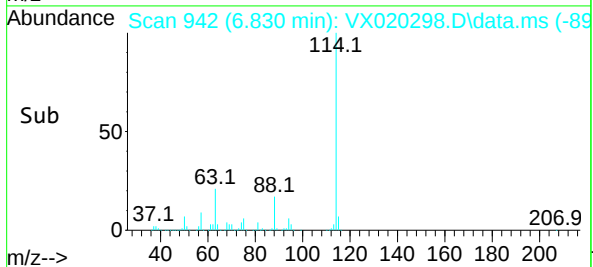
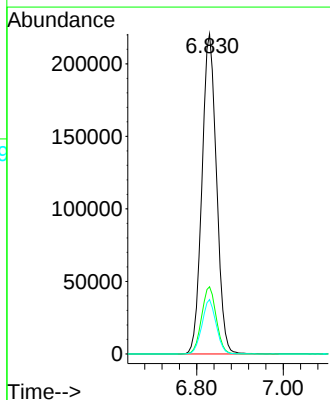
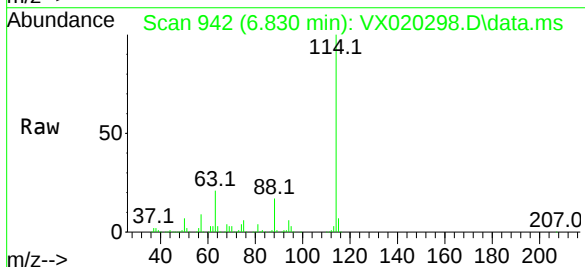
Tgt Ion: 114 Resp: 514255

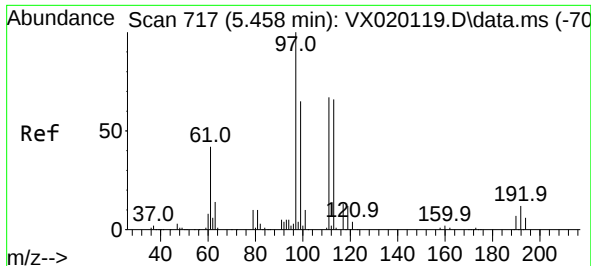
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

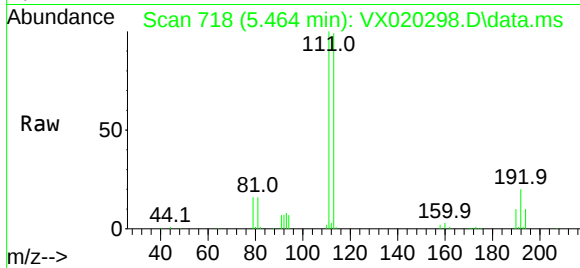
88 17.0 0.0 32.8



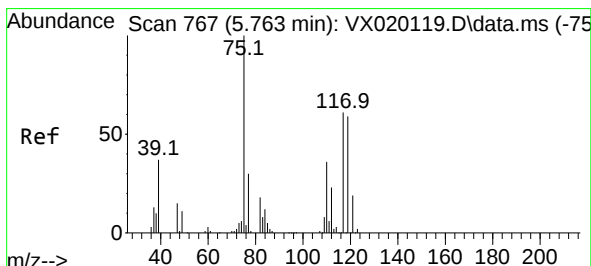
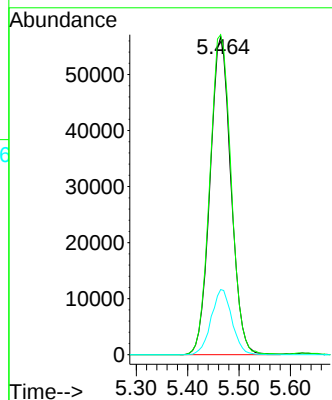
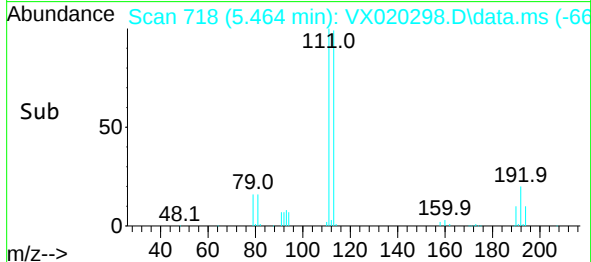


#35
Dibromofluoromethane
Concen: 48.58 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020298.D
Acq: 22 Dec 2020 13:09

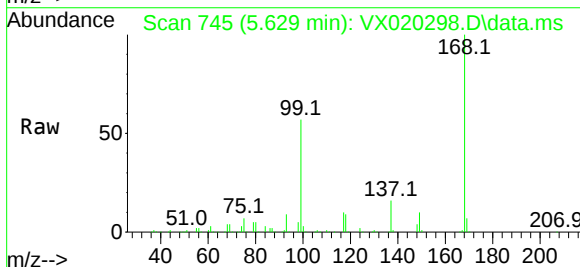
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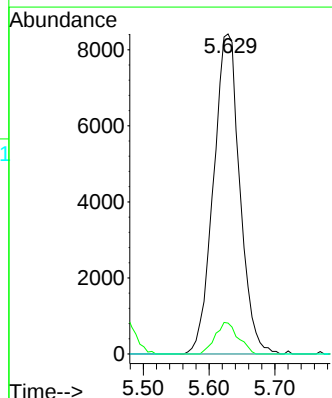
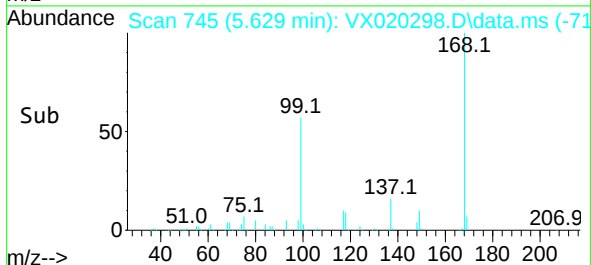
Tgt Ion:113 Resp: 159826
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.4 16.7 25.1

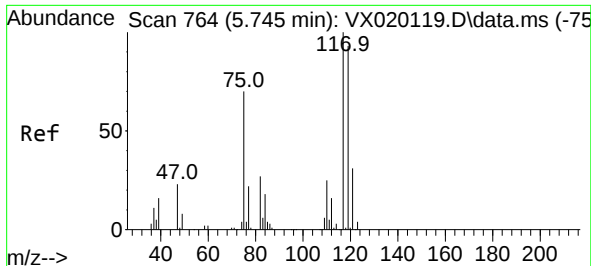


#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020298.D
Acq: 22 Dec 2020 13:09



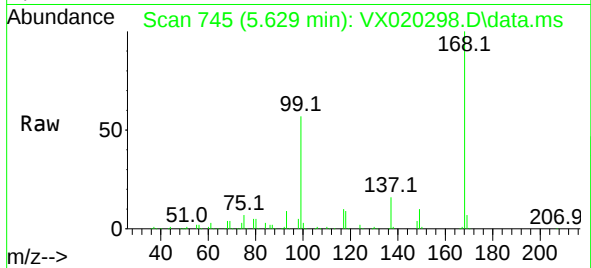
Tgt Ion: 75 Resp: 23455
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



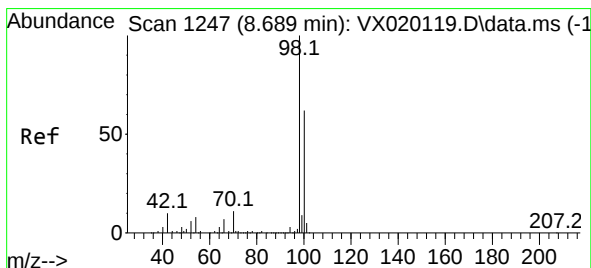
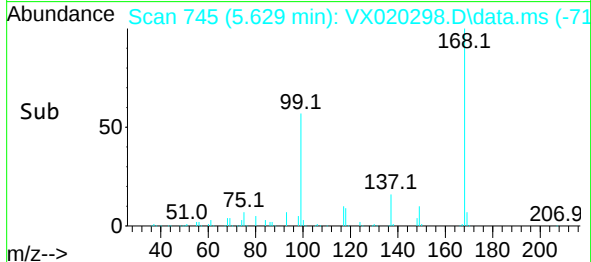
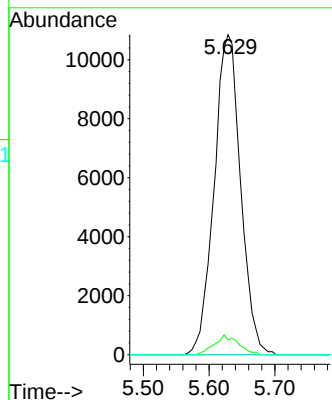


#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020298.D
Acq: 22 Dec 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
49-PZ004(DOB)-121620

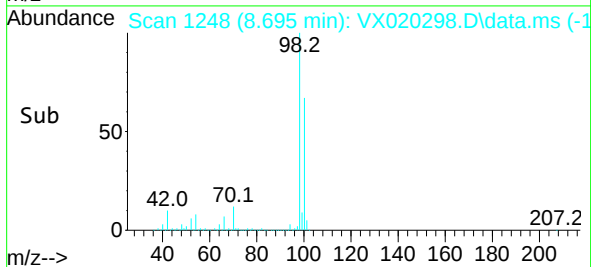
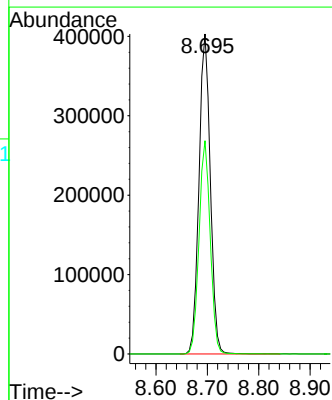
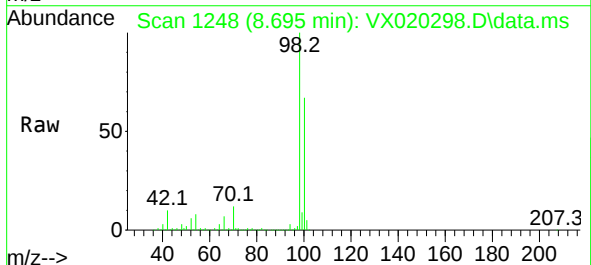


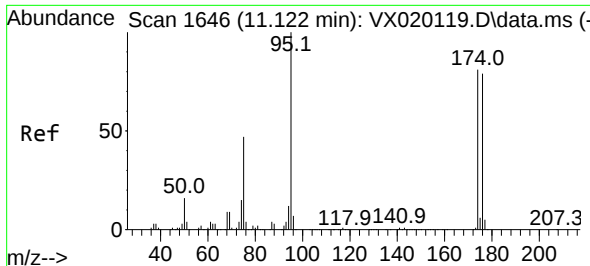
Tgt Ion:117 Resp: 30356
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.77 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020298.D
Acq: 22 Dec 2020 13:09

Tgt Ion: 98 Resp: 617541
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

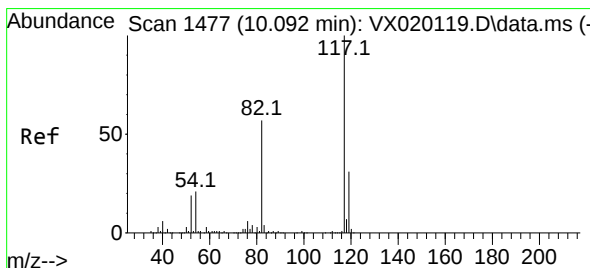
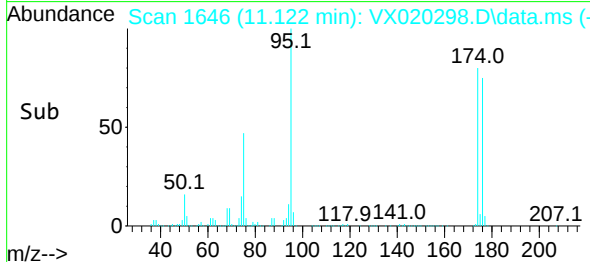
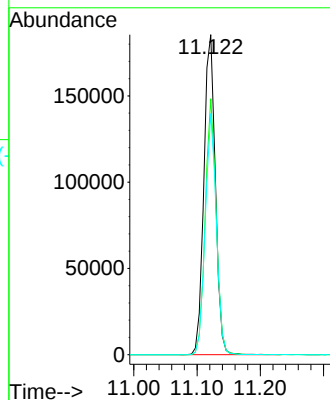
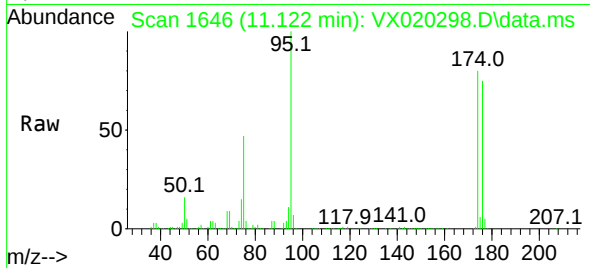




#62
4-Bromofluorobenzene
Concen: 48.39 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020298.D
Acq: 22 Dec 2020 13:09

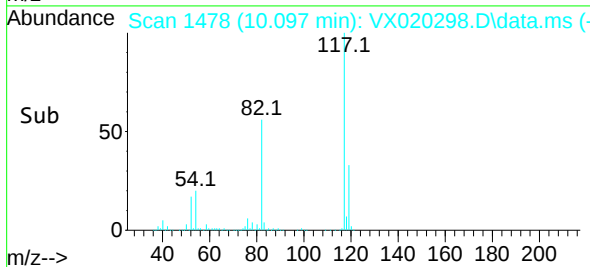
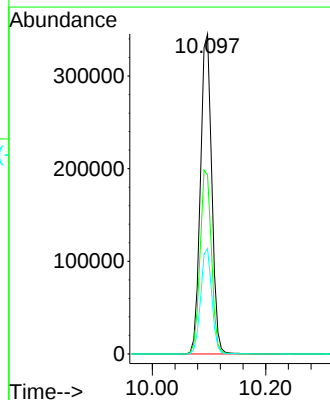
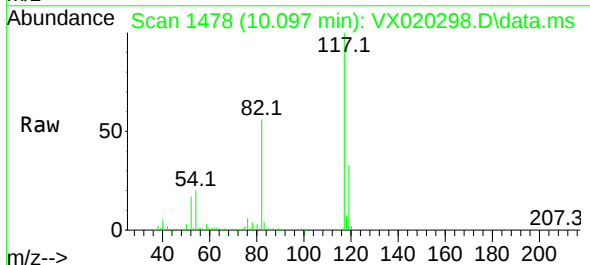
Instrument :
MSVOA_X
ClientSampleId :
49-PZ004(DOB)-121620

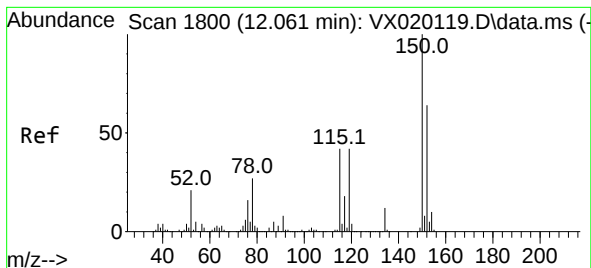
Tgt Ion: 95 Resp: 234527
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.6
176 72.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020298.D
Acq: 22 Dec 2020 13:09

Tgt Ion: 117 Resp: 477173
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 33.0 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.060 min Scan# 1800

Delta R.T. -0.001 min

Lab File: VX020298.D

Acq: 22 Dec 2020 13:09

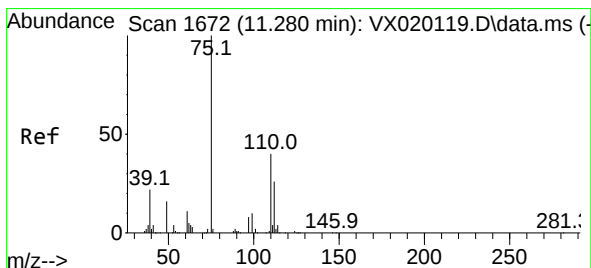
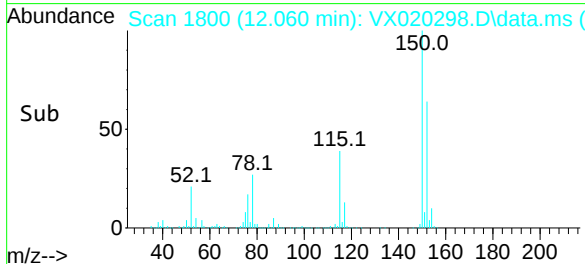
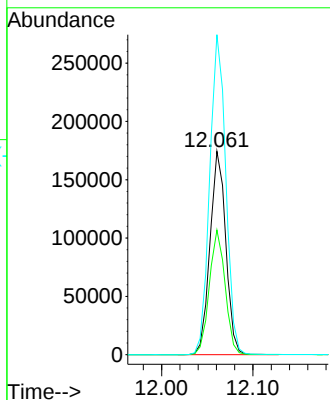
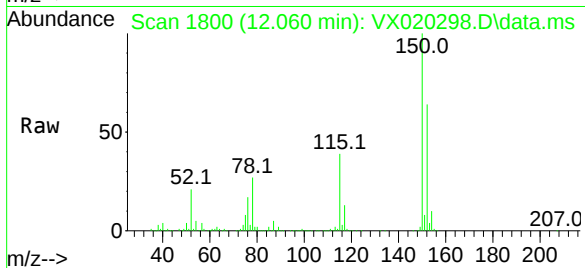
Tgt Ion:152 Resp: 210017

Ion Ratio Lower Upper

152 100

115 61.0 41.1 123.3

150 160.2 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 21.73 ug/l

RT: 11.122 min Scan# 1646

Delta R.T. -0.158 min

Lab File: VX020298.D

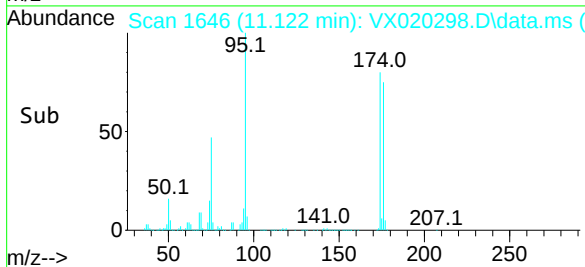
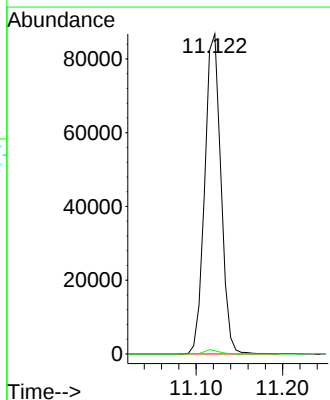
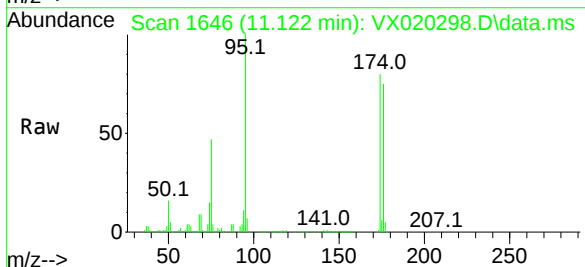
Acq: 22 Dec 2020 13:09

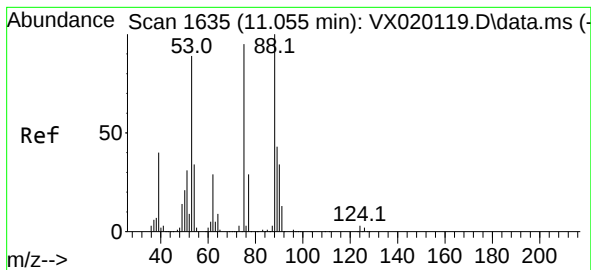
Tgt Ion: 75 Resp: 112414

Ion Ratio Lower Upper

75 100

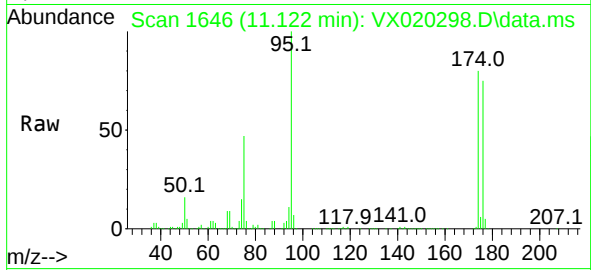
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.47 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020298.D
 Acq: 22 Dec 2020 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 49-PZ004(DOB)-121620



Tgt Ion: 75 Resp: 112414
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

