

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020333.D
 Acq On : 23 Dec 2020 03:33
 Operator : JC/MD
 Sample : L5095-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20201211

Quant Time: Dec 23 05:07:26 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)

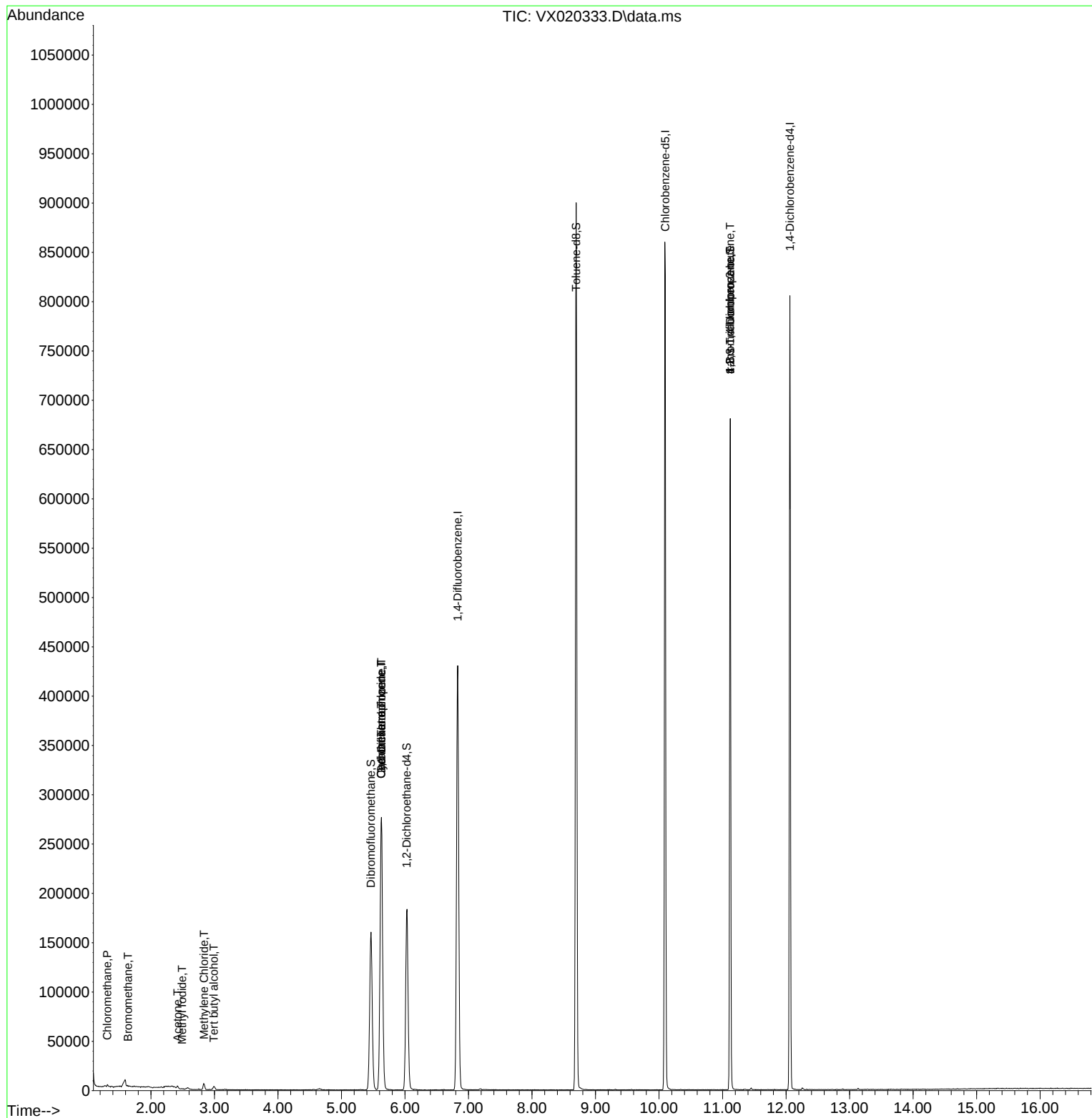
Internal Standards						
1) Pentafluorobenzene	5.629	168	264624	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	436660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	399072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	163518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	174340	49.15	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.30%		
35) Dibromofluoromethane	5.464	113	139537	49.95	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.90%		
50) Toluene-d8	8.696	98	534433	49.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.40%		
62) 4-Bromofluorobenzene	11.122	95	184014	44.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.44%		
Target Compounds						Qvalue
3) Chloromethane	1.313	50	788	0.24	ug/l	96
5) Bromomethane	1.636	94	415	0.36	ug/l #	43
10) Methyl Iodide	2.489	142	107	3.31	ug/l #	87
11) Tert butyl alcohol	2.989	59	1989	2.50	ug/l #	73
16) Acetone	2.416	43	2449	1.51	ug/l #	88
20) Methylene Chloride	2.837	84	2844	0.78	ug/l	97
31) Cyclohexane	5.623	56	5184	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20367	4.72	ug/l #	49
38) Carbon Tetrachloride	5.623	117	26155	6.37	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	88606	22.00	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	88606	65.26	ug/l #	12

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

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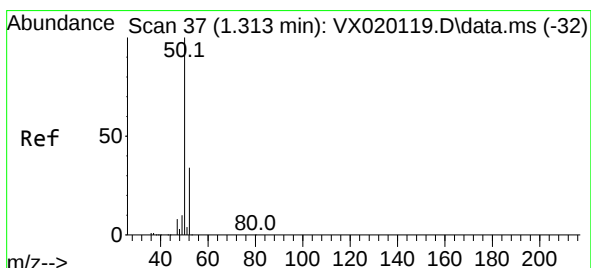
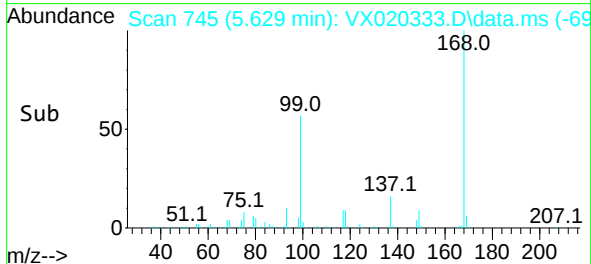
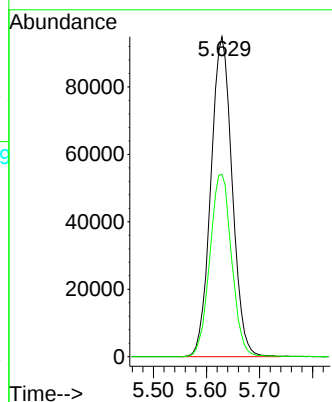
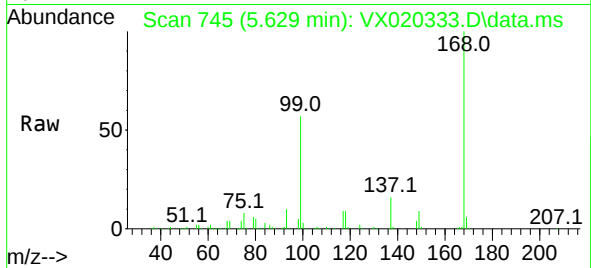




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020333.D
Acq: 23 Dec 2020 03:33

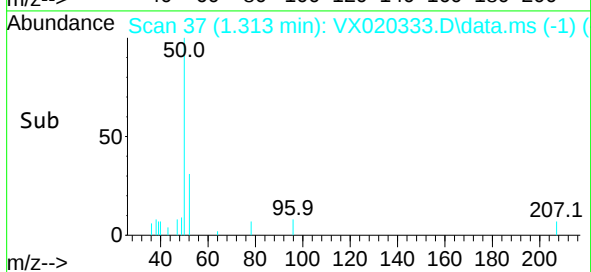
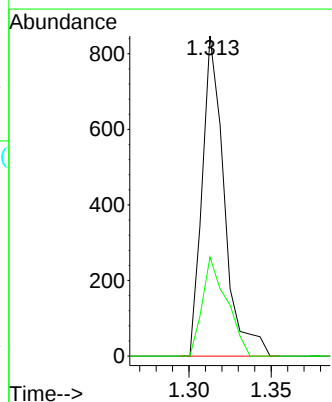
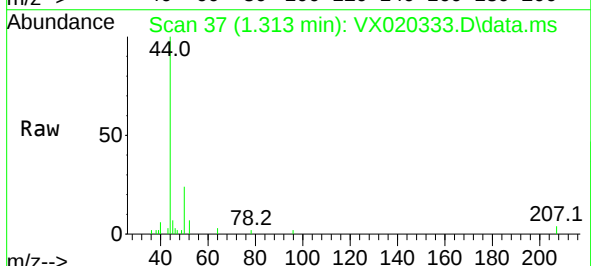
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211

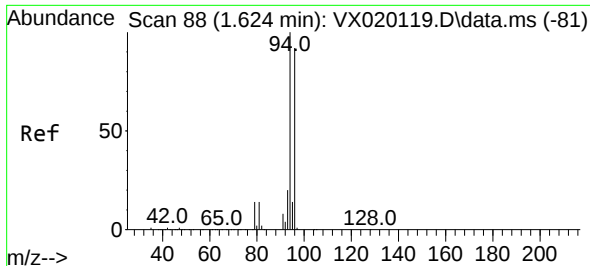
Tgt Ion:168 Resp: 264624
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#3
Chloromethane
Concen: 0.24 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020333.D
Acq: 23 Dec 2020 03:33

Tgt Ion: 50 Resp: 788
Ion Ratio Lower Upper
50 100
52 30.9 26.4 39.6

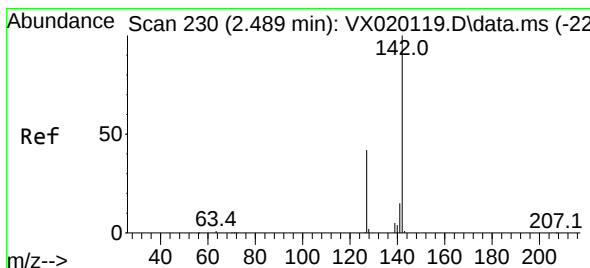
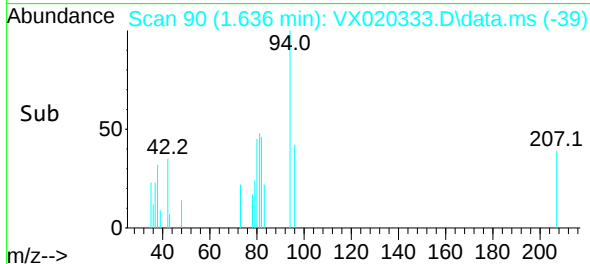
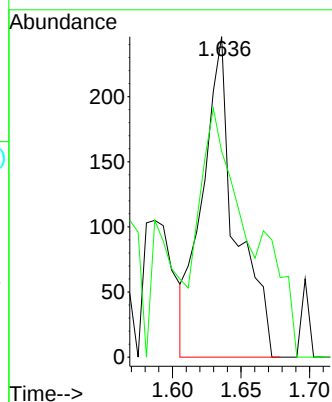
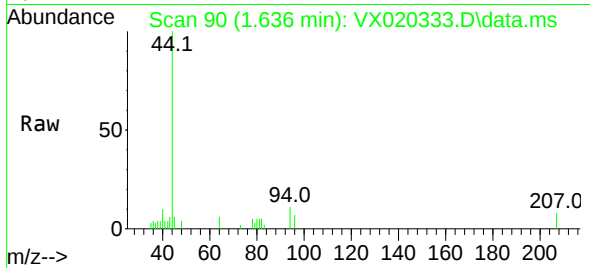




#5
Bromomethane
Concen: 0.36 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020333.D
Acq: 23 Dec 2020 03:33

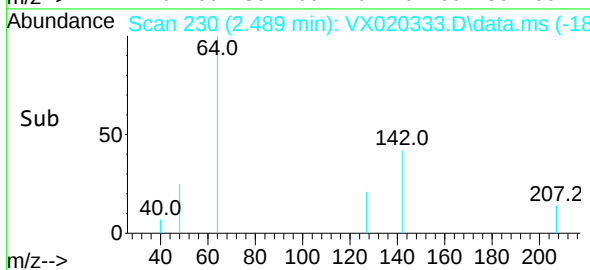
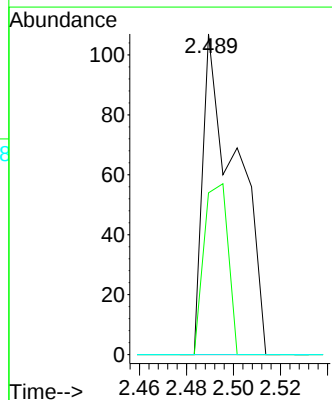
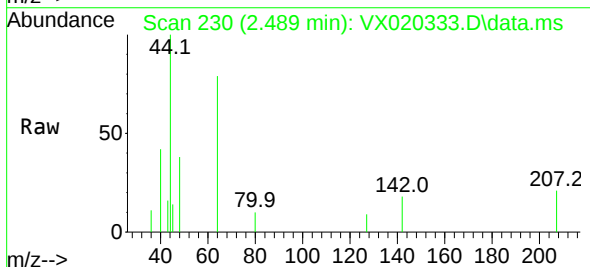
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211

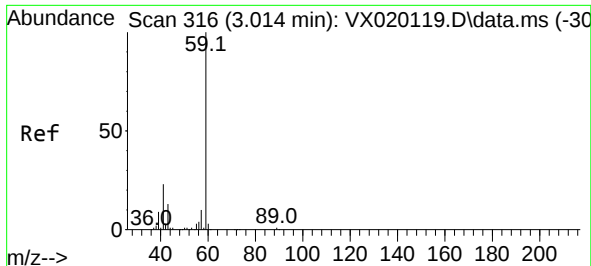
Tgt Ion: 94 Resp: 415
Ion Ratio Lower Upper
94 100
96 39.8 76.4 114.6#



#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020333.D
Acq: 23 Dec 2020 03:33

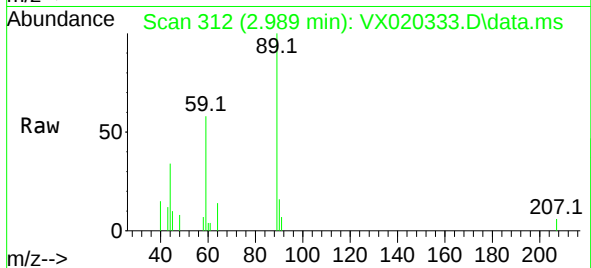
Tgt Ion: 142 Resp: 107
Ion Ratio Lower Upper
142 100
127 38.3 33.3 49.9
141 0.0 11.4 17.0#



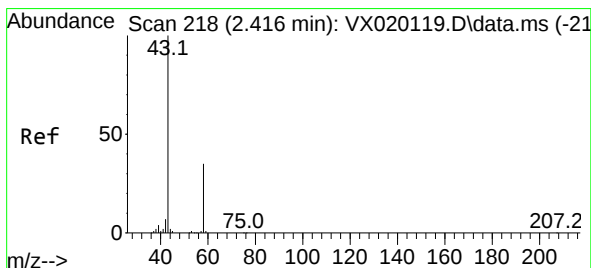
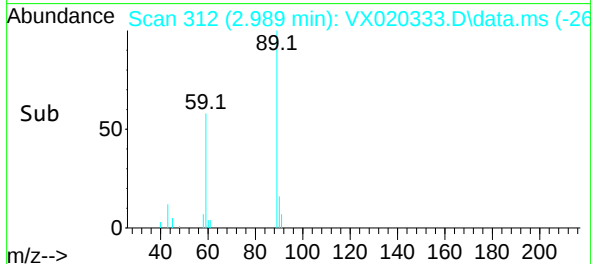
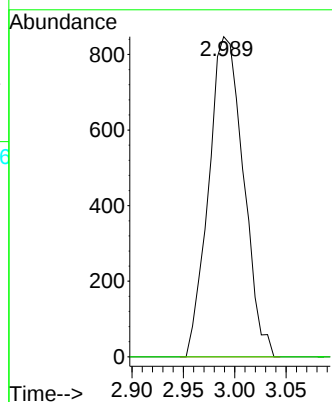


#11
Tert butyl alcohol
Concen: 2.50 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020333.D
Acq: 23 Dec 2020 03:33

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211

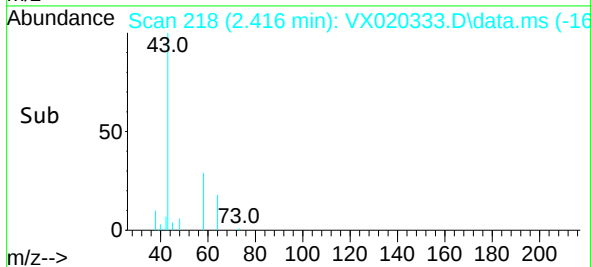
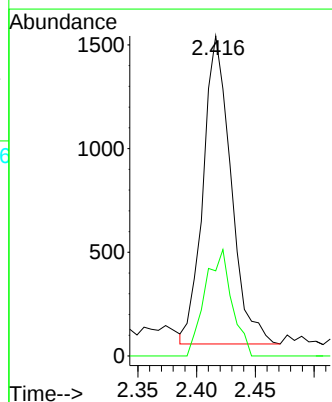
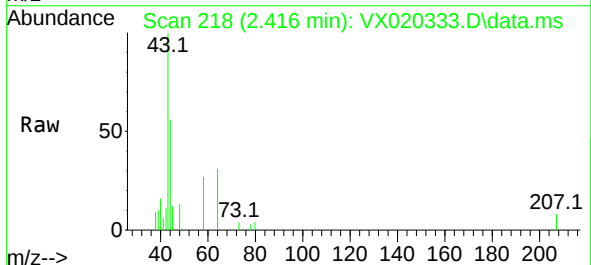


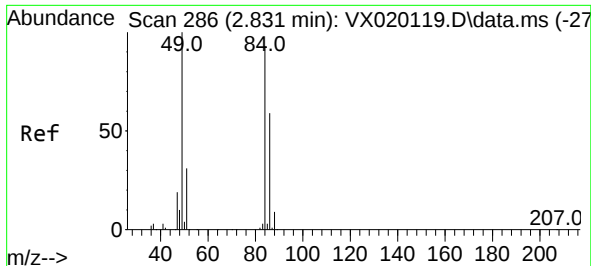
Tgt Ion: 59 Resp: 1989
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.51 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020333.D
Acq: 23 Dec 2020 03:33

Tgt Ion: 43 Resp: 2449
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#





#20

Methylene Chloride

Concen: 0.78 ug/l

RT: 2.837 min Scan# 287

Delta R.T. 0.006 min

Lab File: VX020333.D

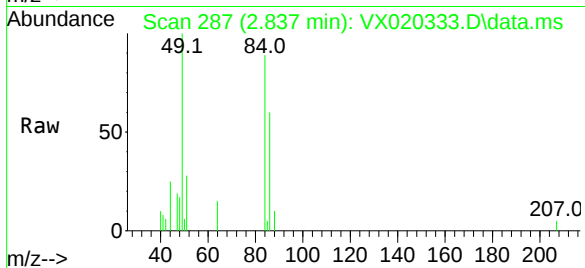
Acq: 23 Dec 2020 03:33

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20201211



Tgt Ion: 84 Resp: 2844

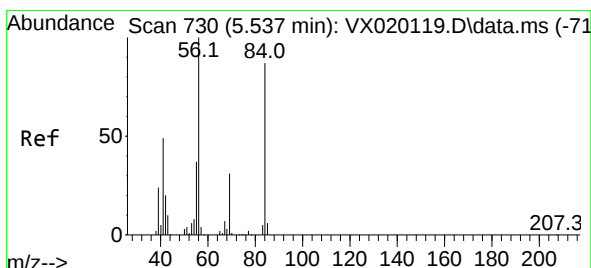
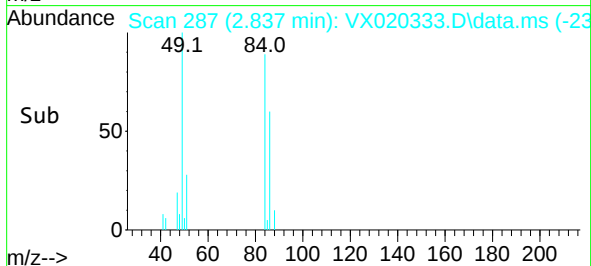
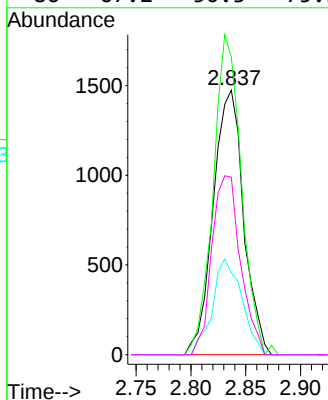
Ion Ratio Lower Upper

84 100

49 112.5 88.6 132.8

51 30.9 27.0 40.6

86 67.2 50.3 75.5



#31

Cyclohexane

Concen: 1.06 ug/l

RT: 5.623 min Scan# 744

Delta R.T. 0.086 min

Lab File: VX020333.D

Acq: 23 Dec 2020 03:33

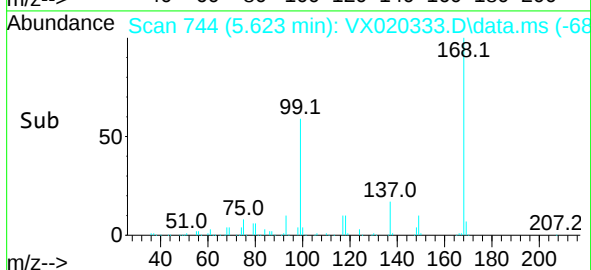
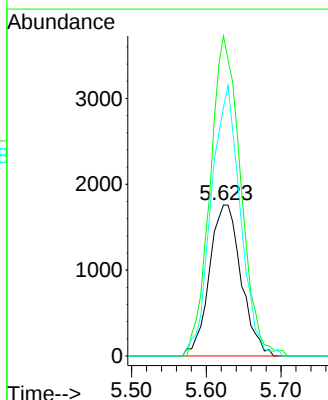
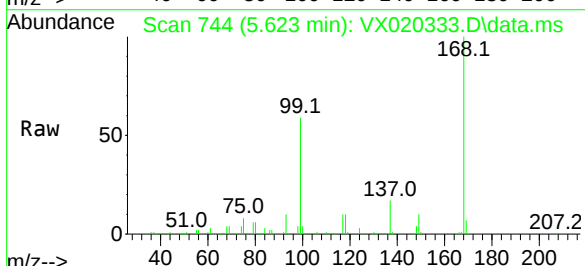
Tgt Ion: 56 Resp: 5184

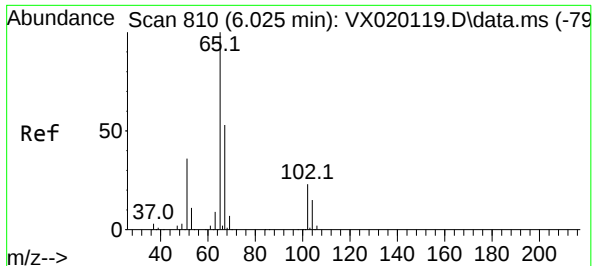
Ion Ratio Lower Upper

56 100

69 211.8 25.3 37.9#

84 164.9 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.15 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020333.D

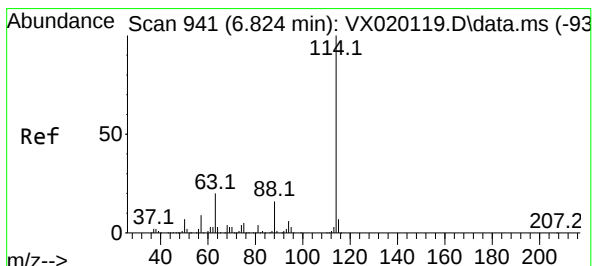
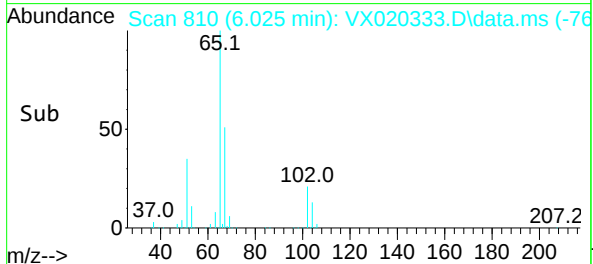
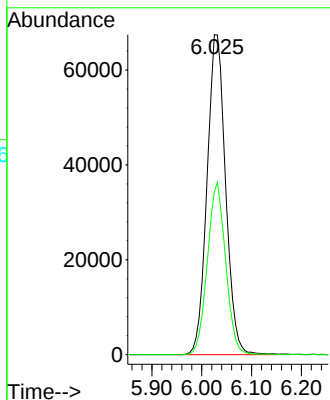
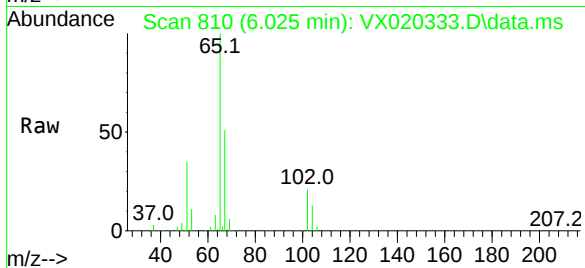
Acq: 23 Dec 2020 03:33

Tgt Ion: 65 Resp: 174340

Ion Ratio Lower Upper

65 100

67 52.9 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: VX020333.D

Acq: 23 Dec 2020 03:33

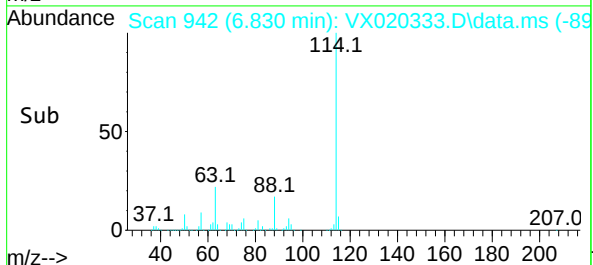
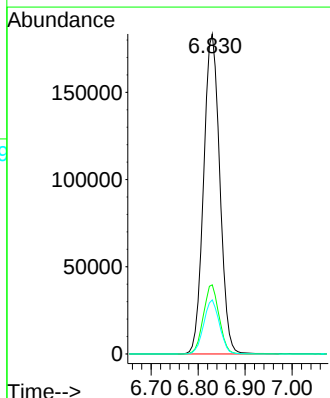
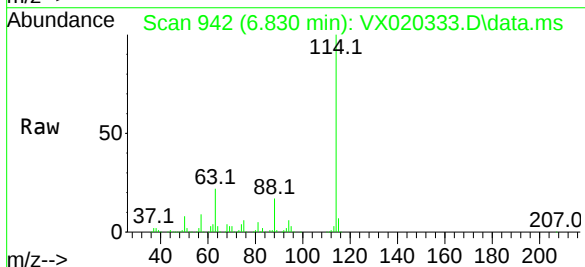
Tgt Ion: 114 Resp: 436660

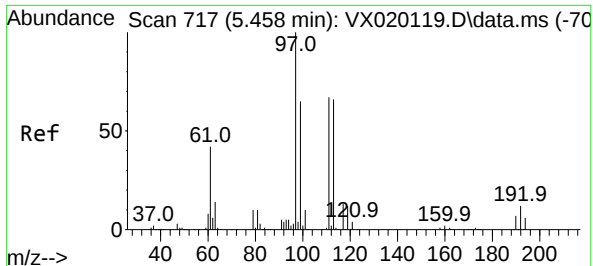
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

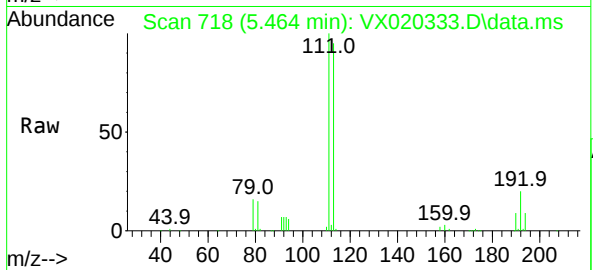
88 16.9 0.0 32.8



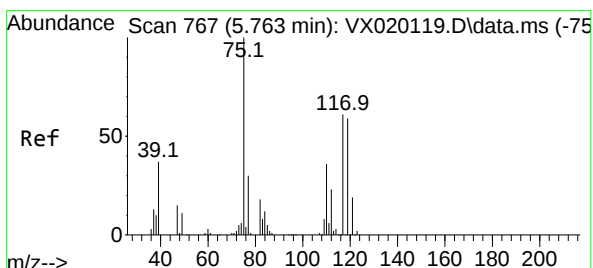
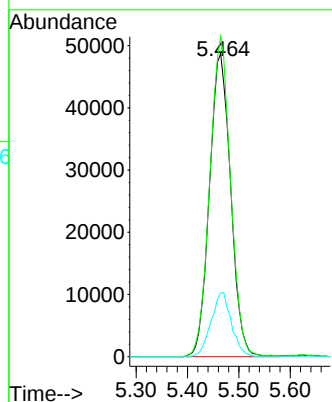
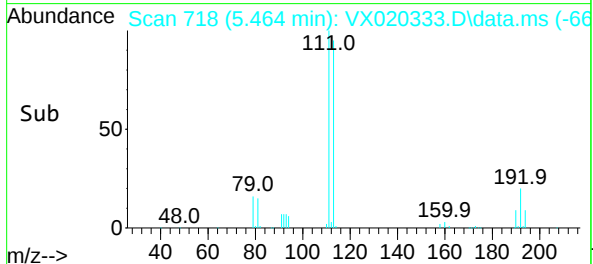


#35
Dibromofluoromethane
Concen: 49.95 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020333.D
Acq: 23 Dec 2020 03:33

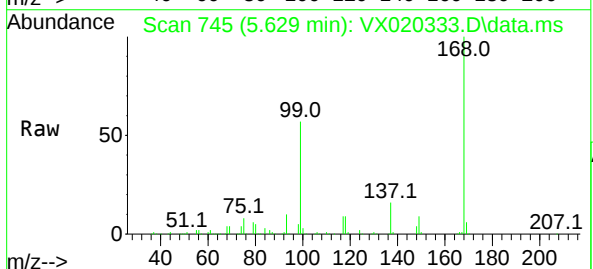
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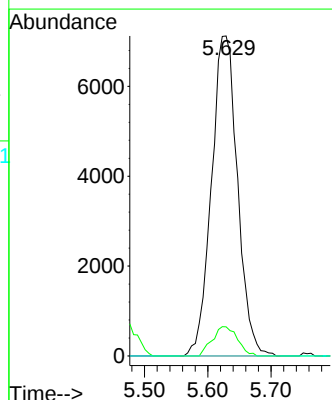
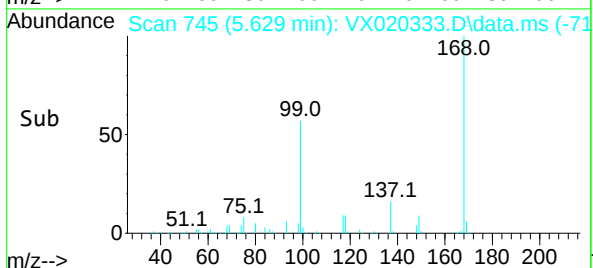
Tgt Ion:113 Resp: 139537
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 20.2 16.7 25.1

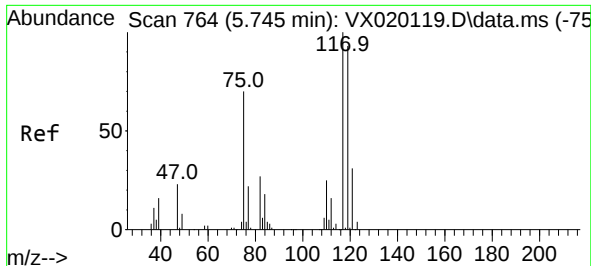


#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020333.D
Acq: 23 Dec 2020 03:33



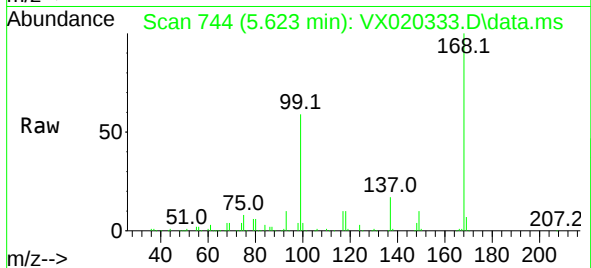
Tgt Ion: 75 Resp: 20367
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



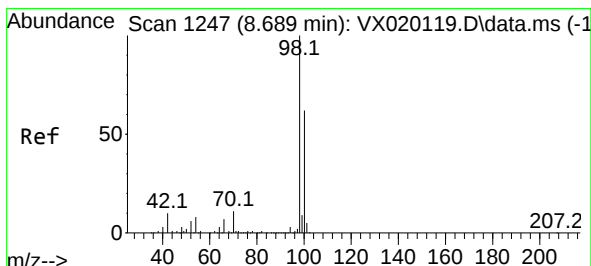
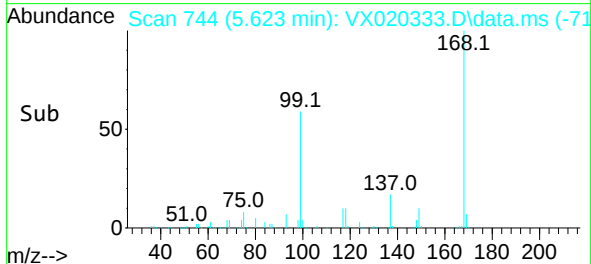
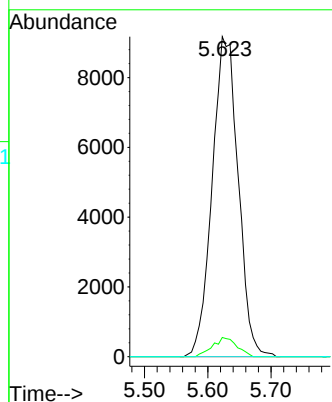


#38
Carbon Tetrachloride
Concen: 6.37 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020333.D
Acq: 23 Dec 2020 03:33

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211

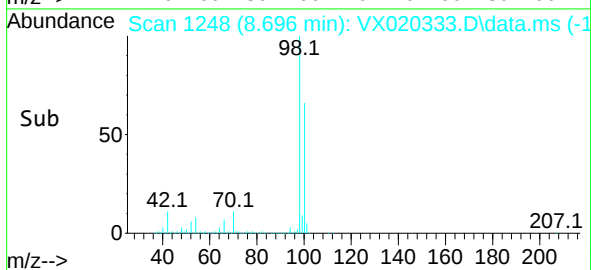
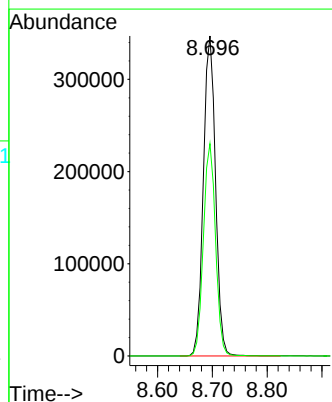
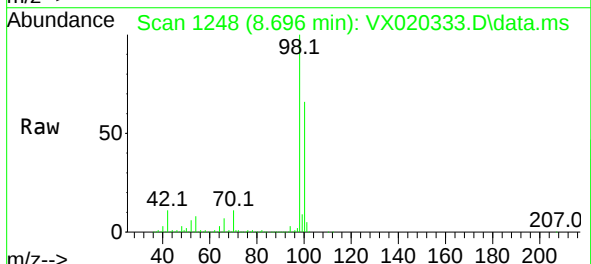


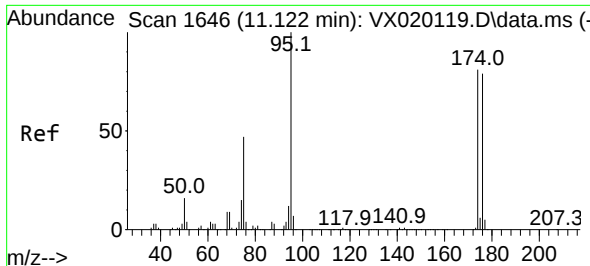
Tgt Ion:117 Resp: 26155
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.70 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020333.D
Acq: 23 Dec 2020 03:33

Tgt Ion: 98 Resp: 534433
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

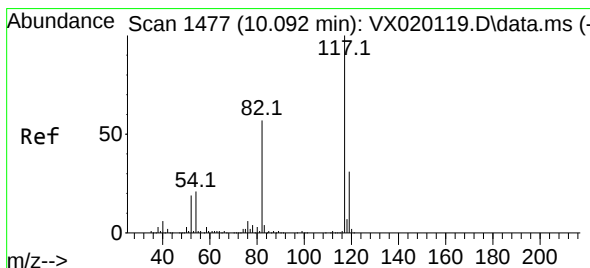
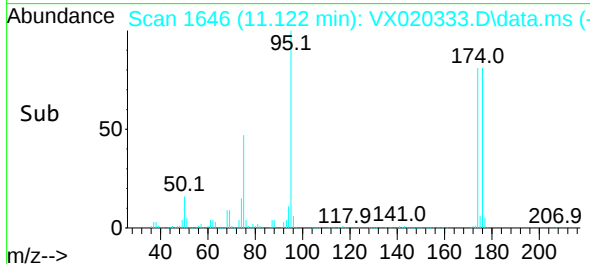
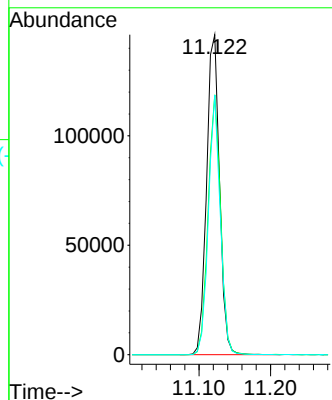
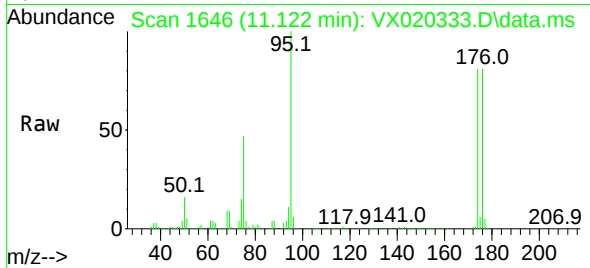




#62
4-Bromofluorobenzene
Concen: 44.72 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020333.D
Acq: 23 Dec 2020 03:33

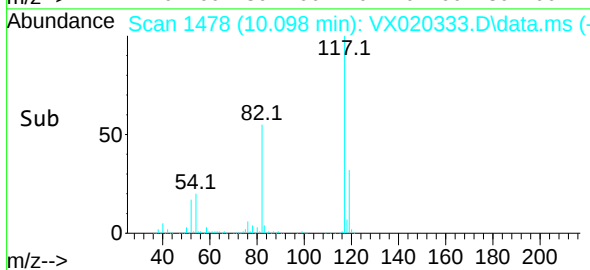
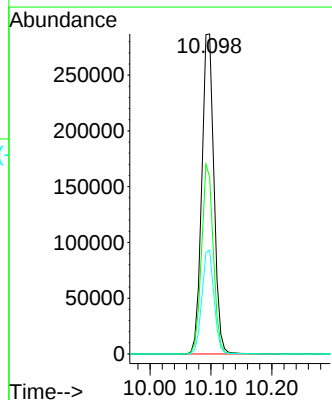
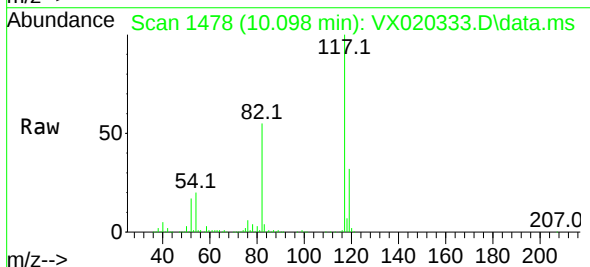
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211

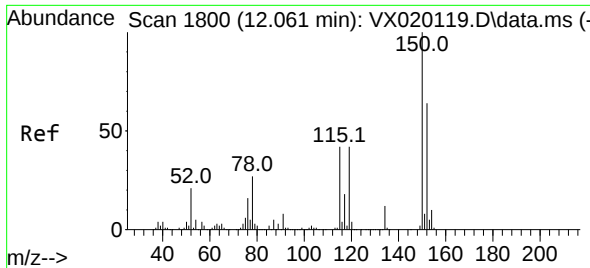
Tgt Ion: 95 Resp: 184014
Ion Ratio Lower Upper
95 100
174 78.7 0.0 154.6
176 74.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020333.D
Acq: 23 Dec 2020 03:33

Tgt Ion: 117 Resp: 399072
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 32.5 26.6 39.8

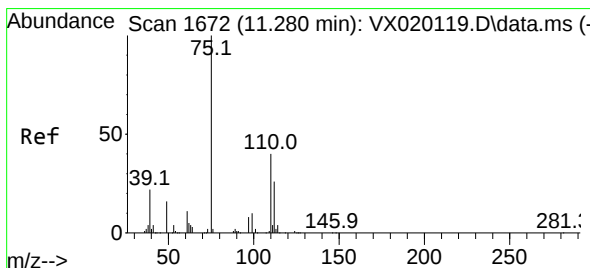
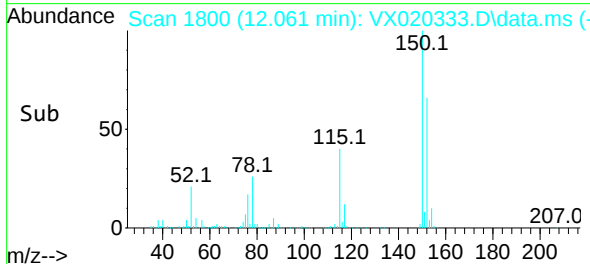
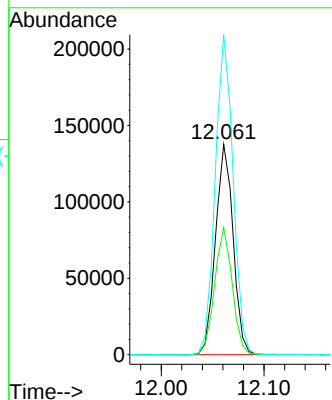
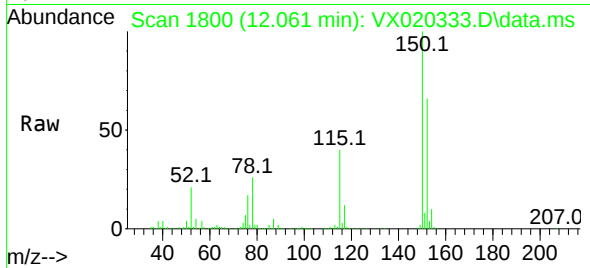




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020333.D
Acq: 23 Dec 2020 03:33

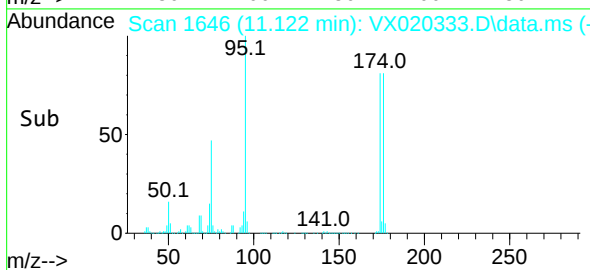
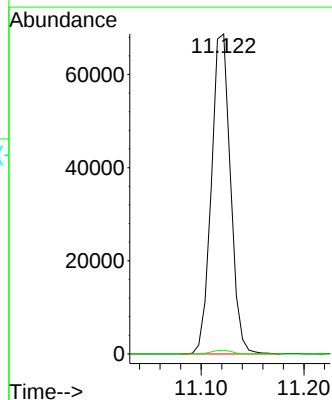
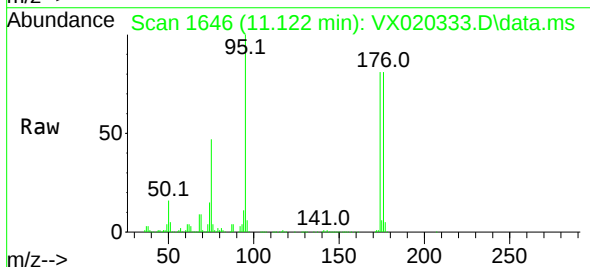
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211

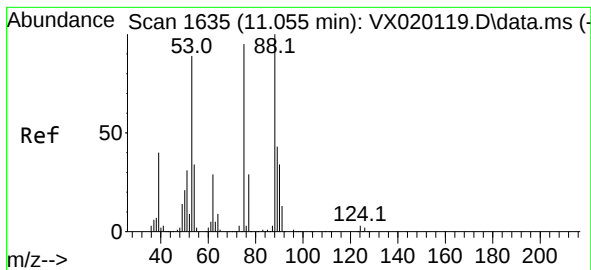
Tgt Ion:152 Resp: 163518
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 154.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 22.00 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020333.D
Acq: 23 Dec 2020 03:33

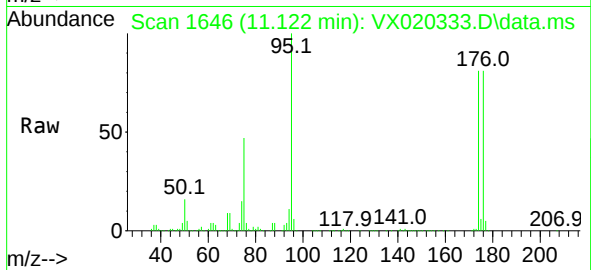
Tgt Ion: 75 Resp: 88606
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.26 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020333.D
 Acq: 23 Dec 2020 03:33

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20201211



Tgt Ion: 75 Resp: 88606
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

