

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121620\
 Data File : VY003806.D
 Acq On : 16 Dec 2020 15:48
 Operator : SY/MD
 Sample : L5036-04
 Misc : 4.35G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 17 02:53:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y121520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 16 05:00:50 2020
 Response via : Initial Calibration

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

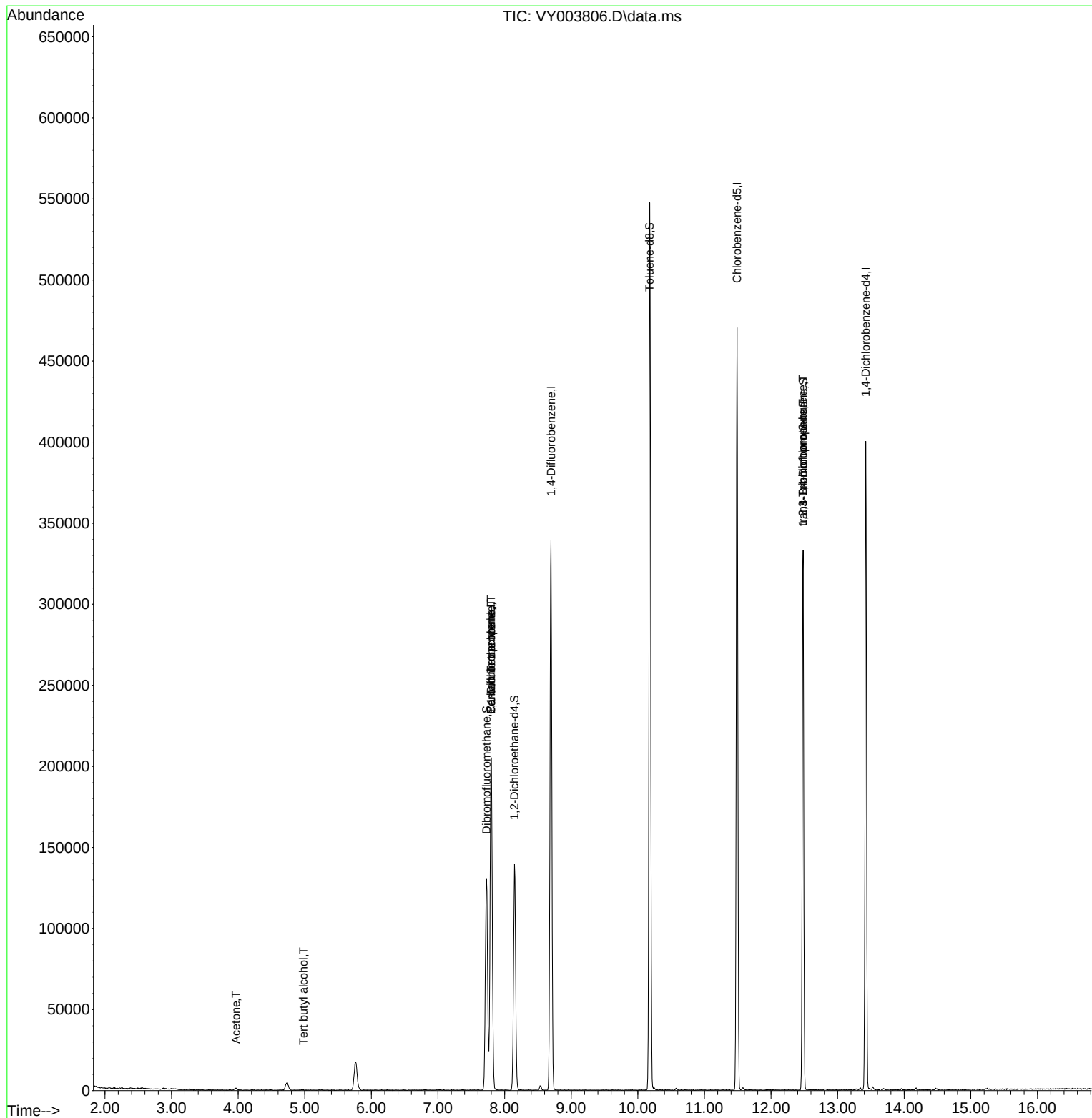
Internal Standards						
1) Pentafluorobenzene	7.795	168	174686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	299766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103036	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103122	47.60	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.20%		
35) Dibromofluoromethane	7.728	113	91881	42.37	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.74%		
50) Toluene-d8	10.179	98	358998	41.82	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	83.64%		
62) 4-Bromofluorobenzene	12.483	95	98140	33.27	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	66.54%		
Target Compounds						
5) Bromomethane	2.662	94	22	Below Cal	#	2
11) Tert butyl alcohol	4.978	59	229	1.05	ug/l #	73
16) Acetone	3.966	43	2312	4.64	ug/l #	61
20) Methylene Chloride	4.728	84	3602	Below Cal		89
36) 1,1-Dichloropropene	7.795	75	11375	3.38	ug/l #	51
38) Carbon Tetrachloride	7.795	117	15881	4.72	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	50305	41.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	50305	78.04	ug/l #	5

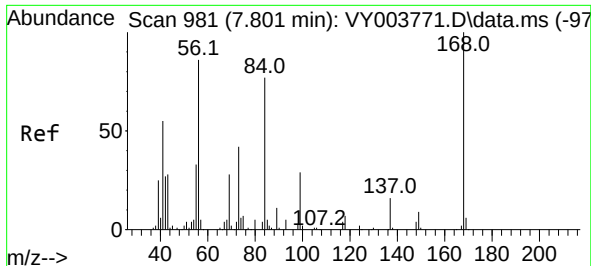
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

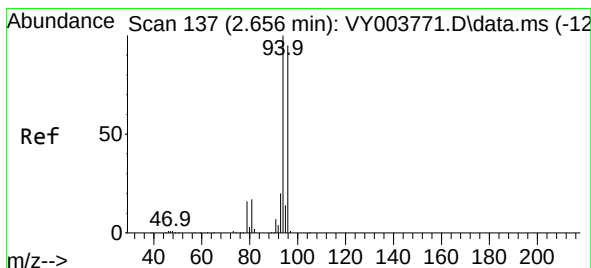
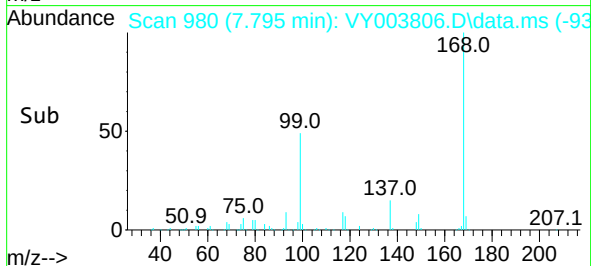
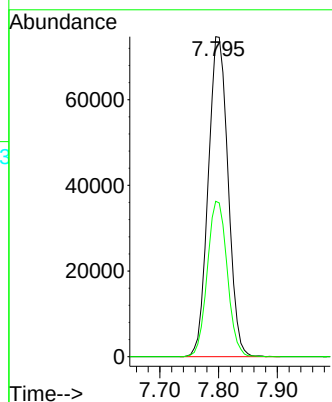
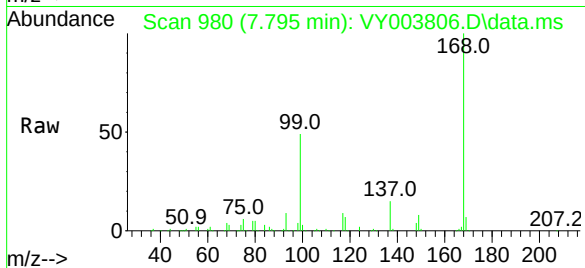




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY003806.D
Acq: 16 Dec 2020 15:48

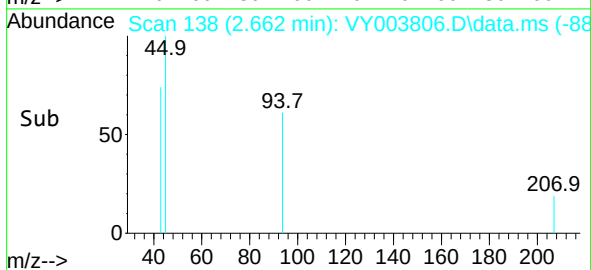
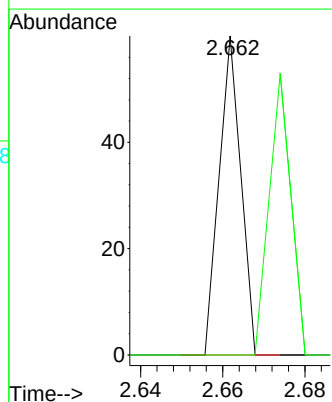
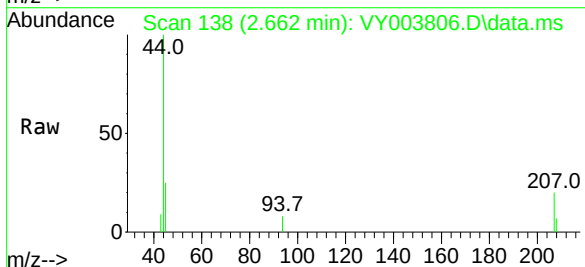
Instrument :
MSVOA_Y
ClientSampleId :

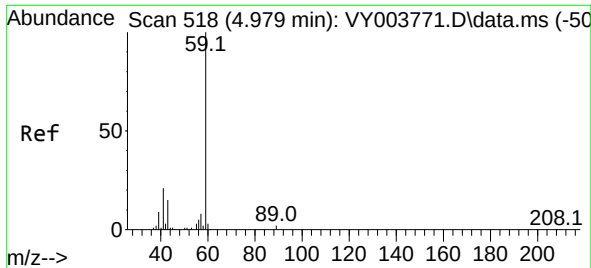
Tgt Ion:168 Resp: 174686
Ion Ratio Lower Upper
168 100
99 48.5 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY003806.D
Acq: 16 Dec 2020 15:48

Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#

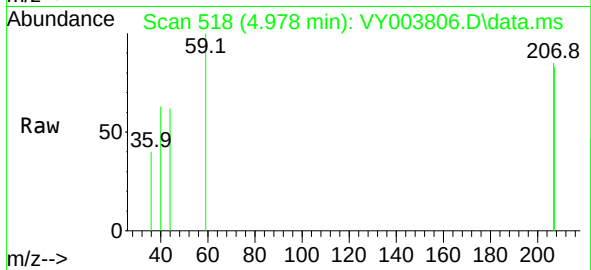




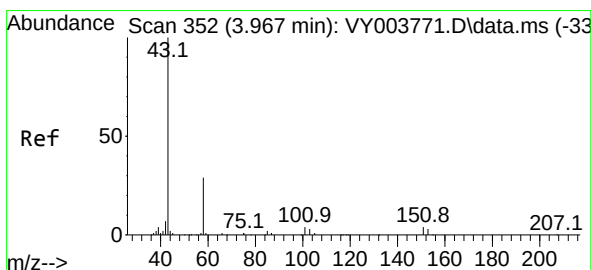
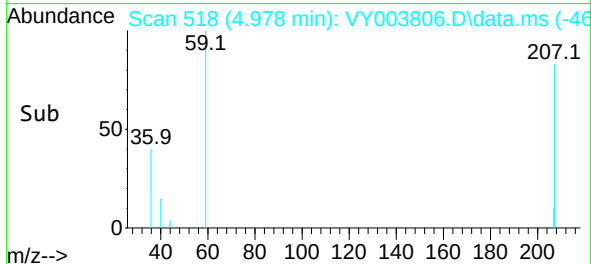
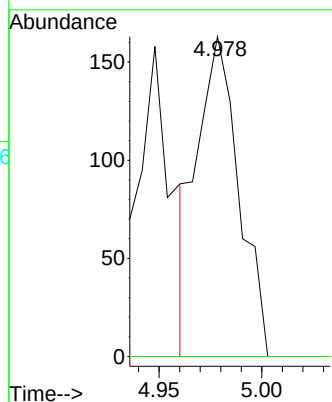
#11

Tert butyl alcohol
Concen: 1.05 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY003806.D
Acq: 16 Dec 2020 15:48

Instrument :
MSVOA_Y
ClientSampled :

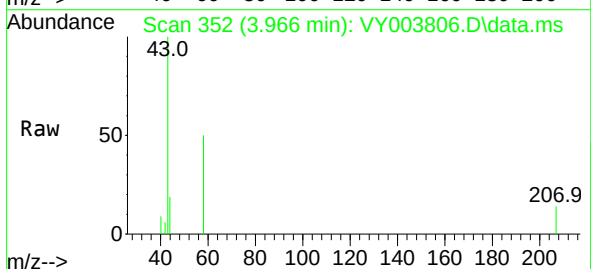


Tgt Ion: 59 Resp: 229
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

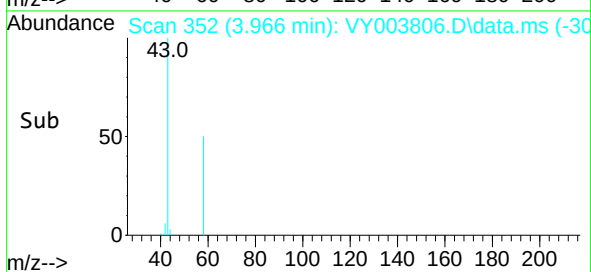
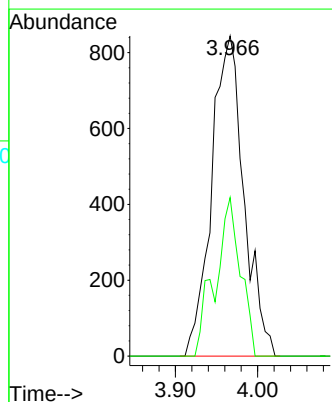


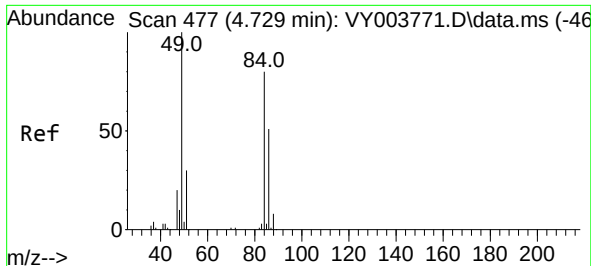
#16

Acetone
Concen: 4.64 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY003806.D
Acq: 16 Dec 2020 15:48



Tgt Ion: 43 Resp: 2312
Ion Ratio Lower Upper
43 100
58 49.5 22.9 34.3#





#20

Methylene Chloride

Concen: Below Cal

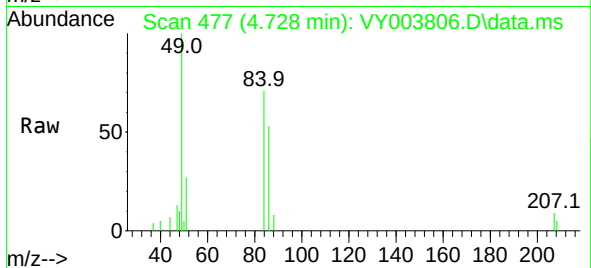
RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY003806.D

Acq: 16 Dec 2020 15:48

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 3602

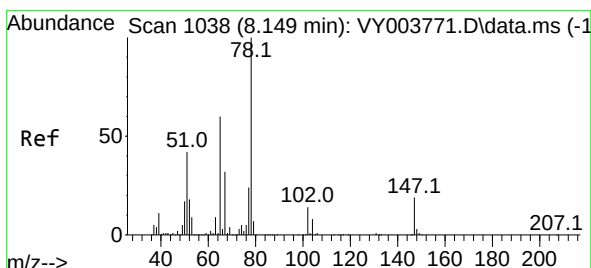
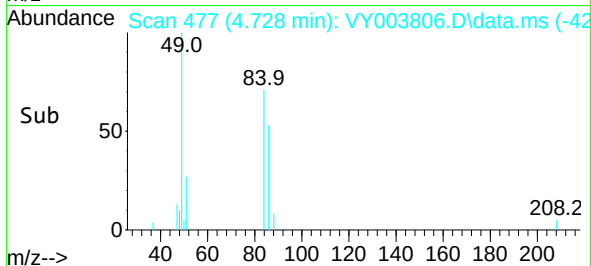
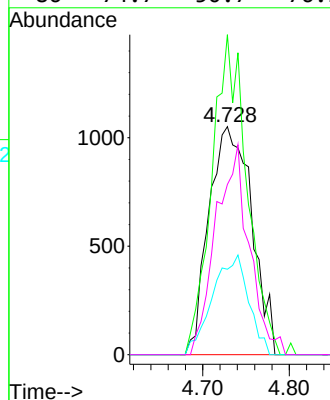
Ion Ratio Lower Upper

84 100

49 140.3 100.4 150.6

51 37.5 30.3 45.5

86 74.7 50.7 76.1



#33

1,2-Dichloroethane-d4

Concen: 47.60 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY003806.D

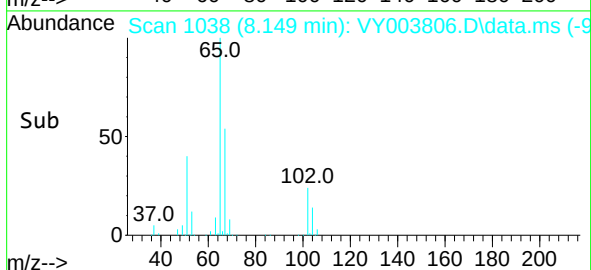
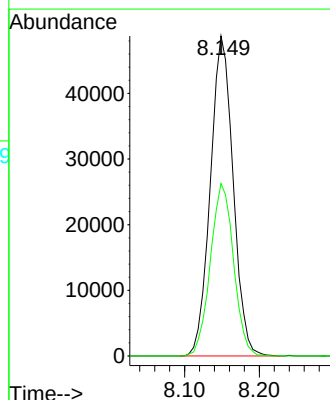
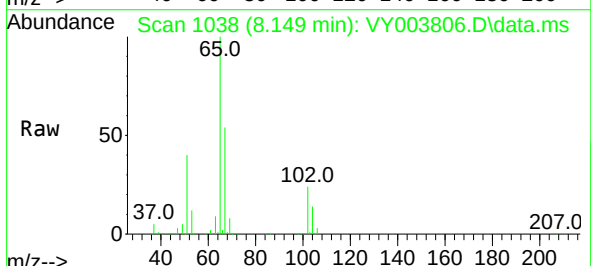
Acq: 16 Dec 2020 15:48

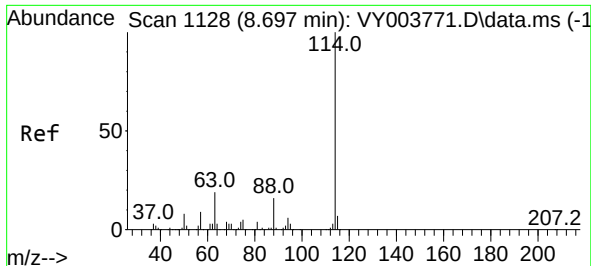
Tgt Ion: 65 Resp: 103122

Ion Ratio Lower Upper

65 100

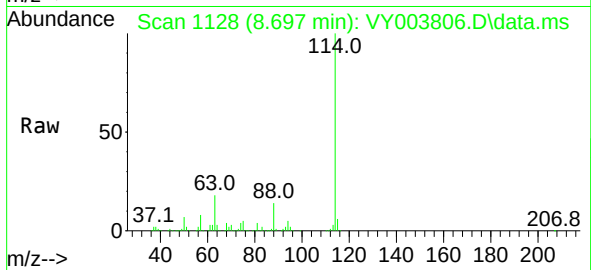
67 54.9 0.0 107.6



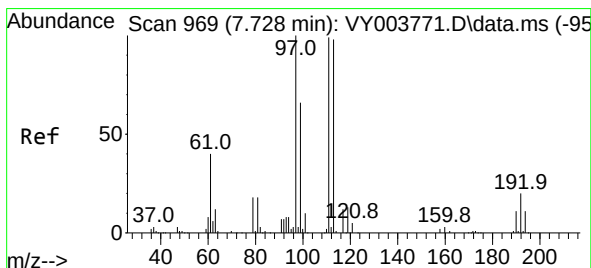
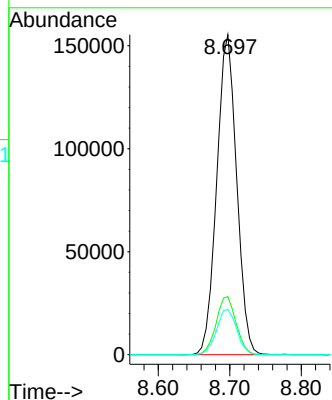
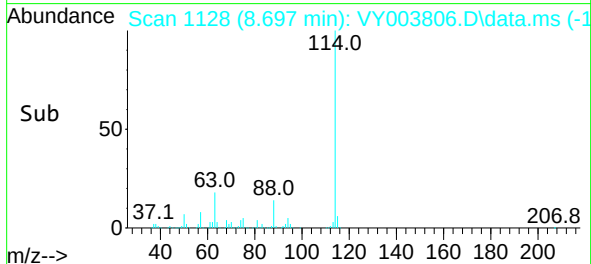


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY003806.D
Acq: 16 Dec 2020 15:48

Instrument :
MSVOA_Y
ClientSampleId :

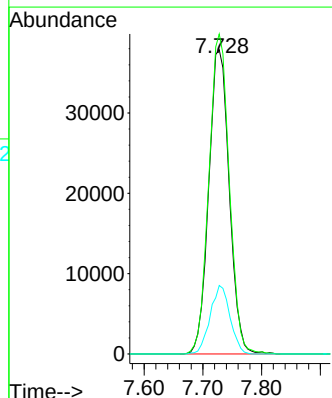
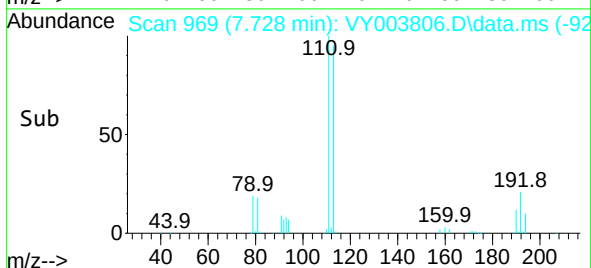
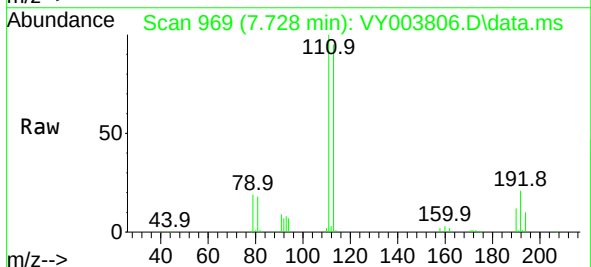


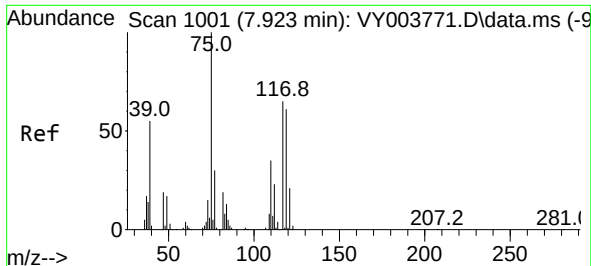
Tgt Ion:114 Resp: 299766
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.4
88 14.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.37 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY003806.D
Acq: 16 Dec 2020 15:48

Tgt Ion:113 Resp: 91881
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.2
192 21.8 16.7 25.1

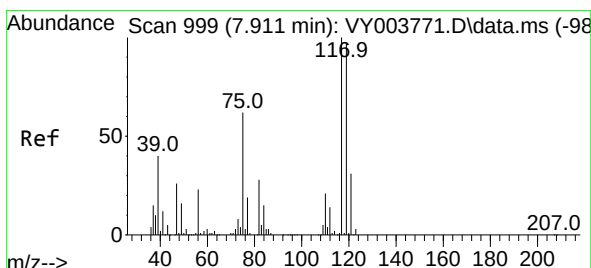
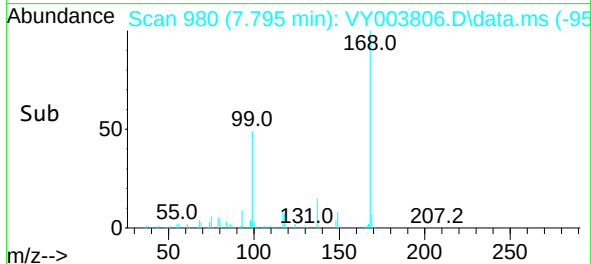
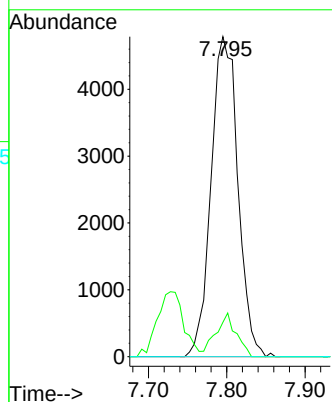
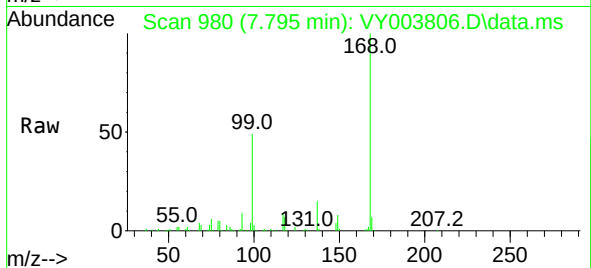




#36
1,1-Dichloropropene
Concen: 3.38 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY003806.D
Acq: 16 Dec 2020 15:48

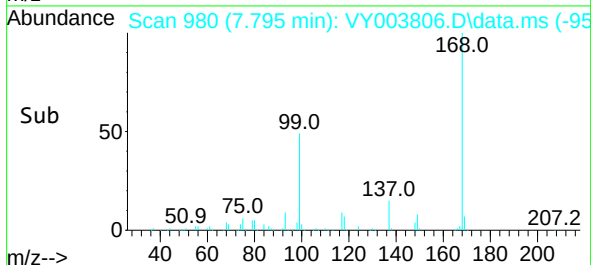
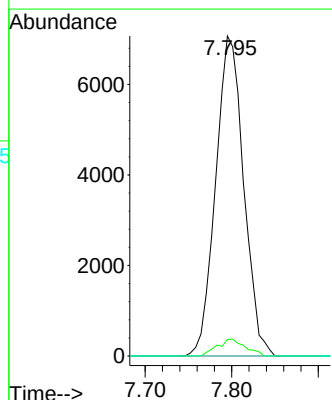
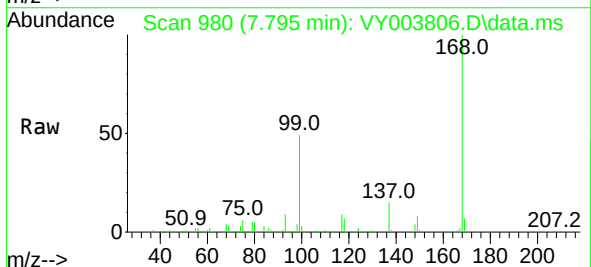
Instrument :
MSVOA_Y
ClientSampled :

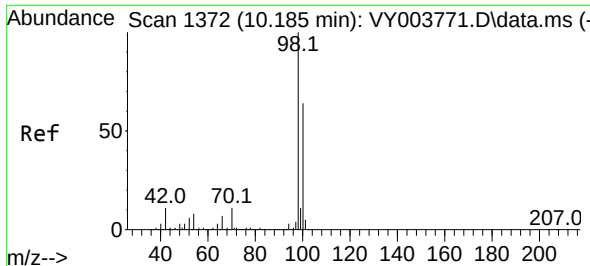
Tgt Ion: 75 Resp: 11375
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.1#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 4.72 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY003806.D
Acq: 16 Dec 2020 15:48

Tgt Ion: 117 Resp: 15881
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 25.0 37.4#

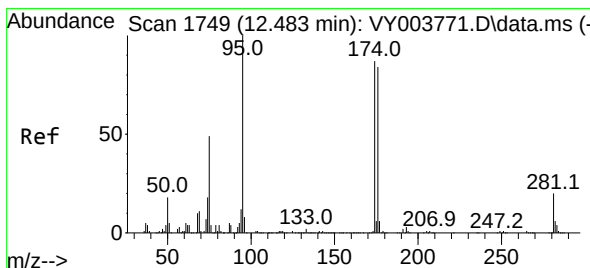
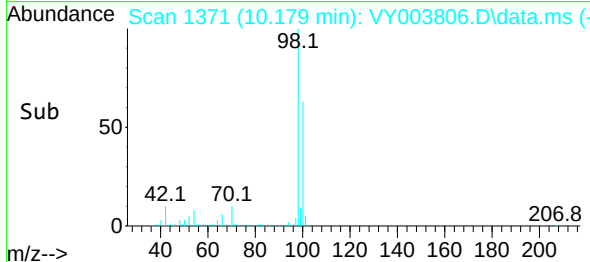
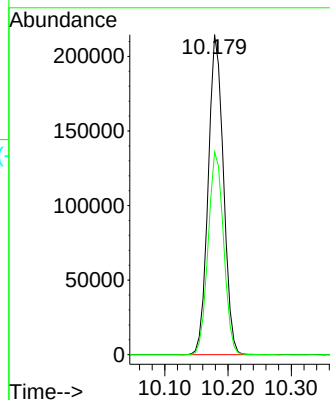
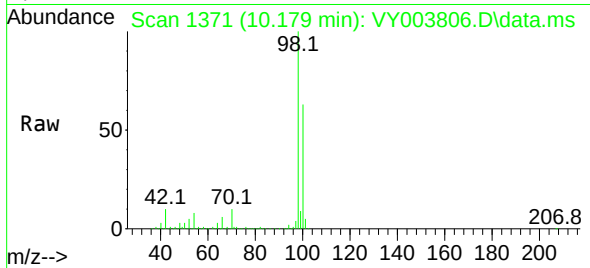




#50
Toluene-d8
Concen: 41.82 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY003806.D
Acq: 16 Dec 2020 15:48

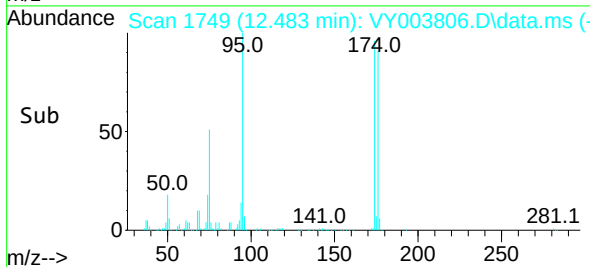
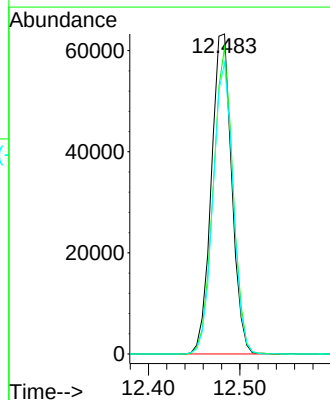
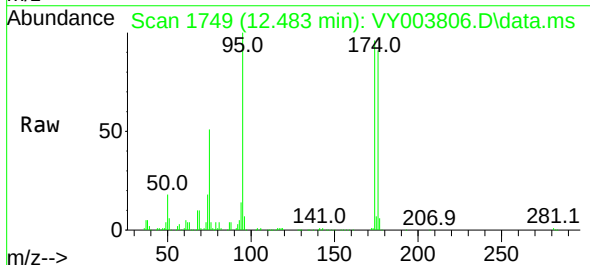
Instrument :
MSVOA_Y
ClientSampled :

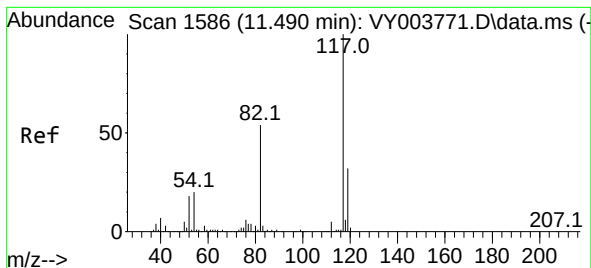
Tgt Ion: 98 Resp: 358998
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 33.27 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003806.D
Acq: 16 Dec 2020 15:48

Tgt Ion: 95 Resp: 98140
Ion Ratio Lower Upper
95 100
174 93.0 0.0 170.8
176 89.3 0.0 165.0

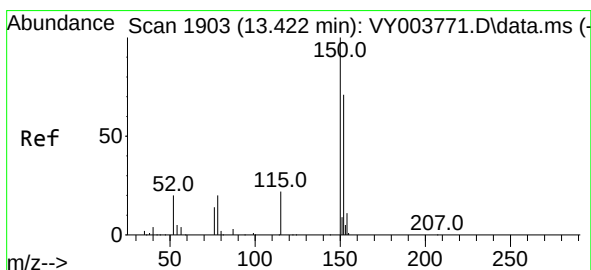
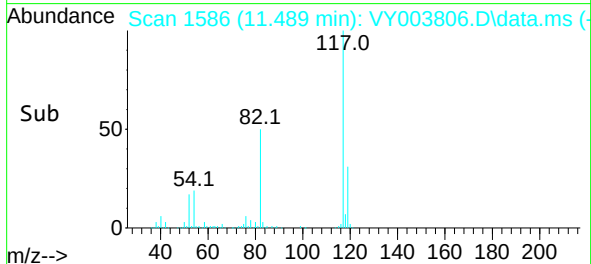
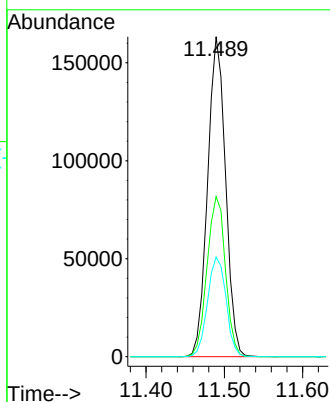
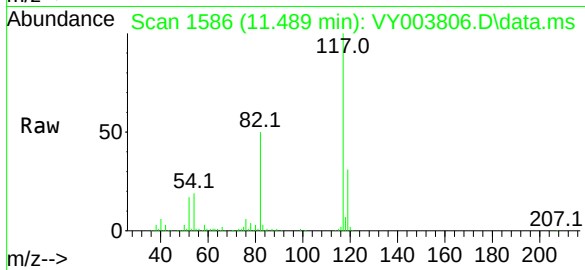




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003806.D
Acq: 16 Dec 2020 15:48

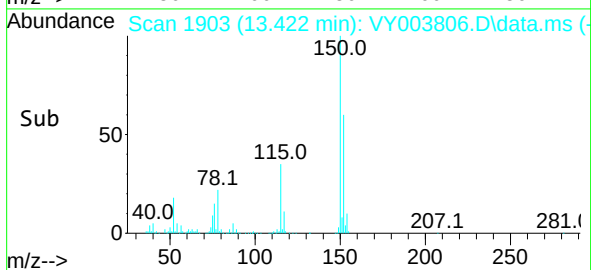
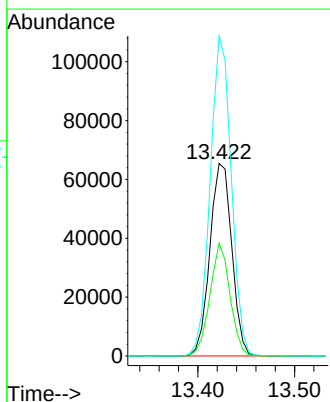
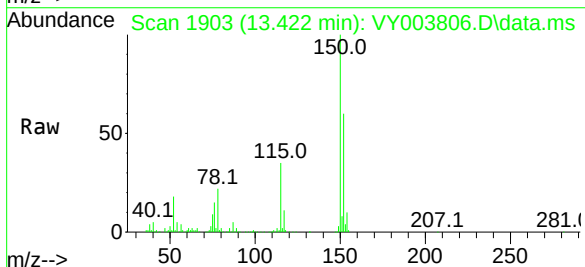
Instrument :
MSVOA_Y
ClientSampleId :

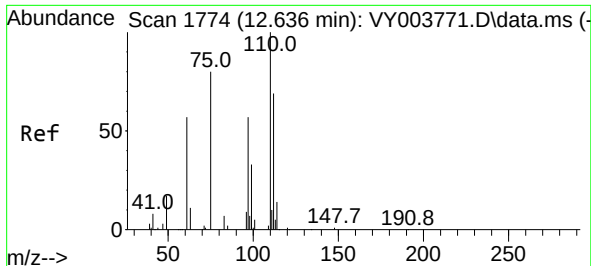
Tgt Ion:117 Resp: 259352
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.6
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY003806.D
Acq: 16 Dec 2020 15:48

Tgt Ion:152 Resp: 103036
Ion Ratio Lower Upper
152 100
115 53.7 28.0 83.9
150 159.8 0.0 347.6

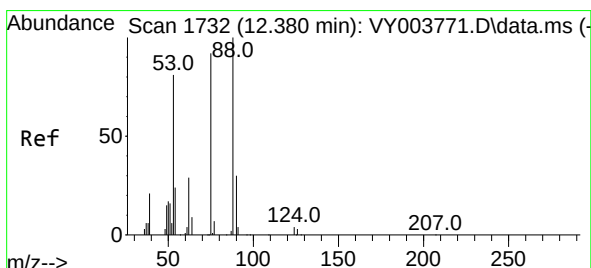
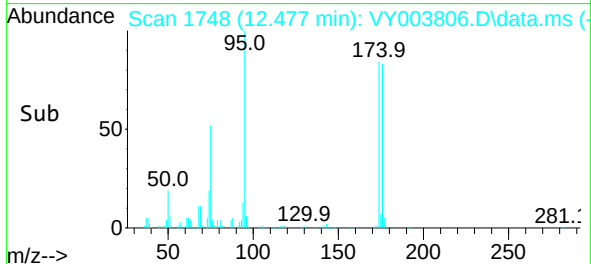
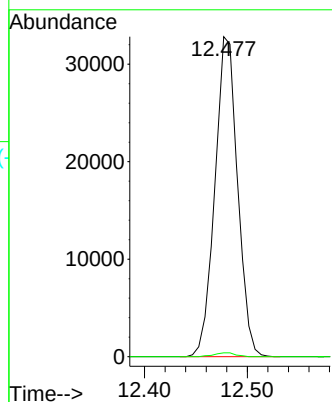
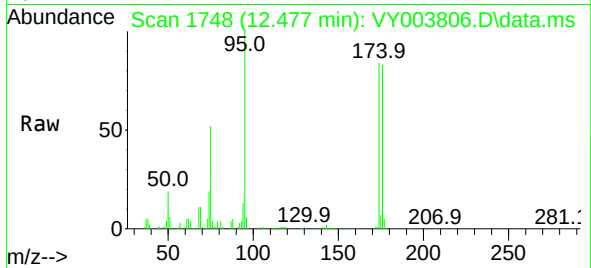




#76
1,2,3-Trichloropropane
Concen: 41.21 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY003806.D
Acq: 16 Dec 2020 15:48

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 50305
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.04 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY003806.D
Acq: 16 Dec 2020 15:48

Tgt Ion: 75 Resp: 50305
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.1 0.0 0.0#

