

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121620\
 Data File : VY003803.D
 Acq On : 16 Dec 2020 14:38
 Operator : SY/MD
 Sample : L5069-03
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 17 02:52:59 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)

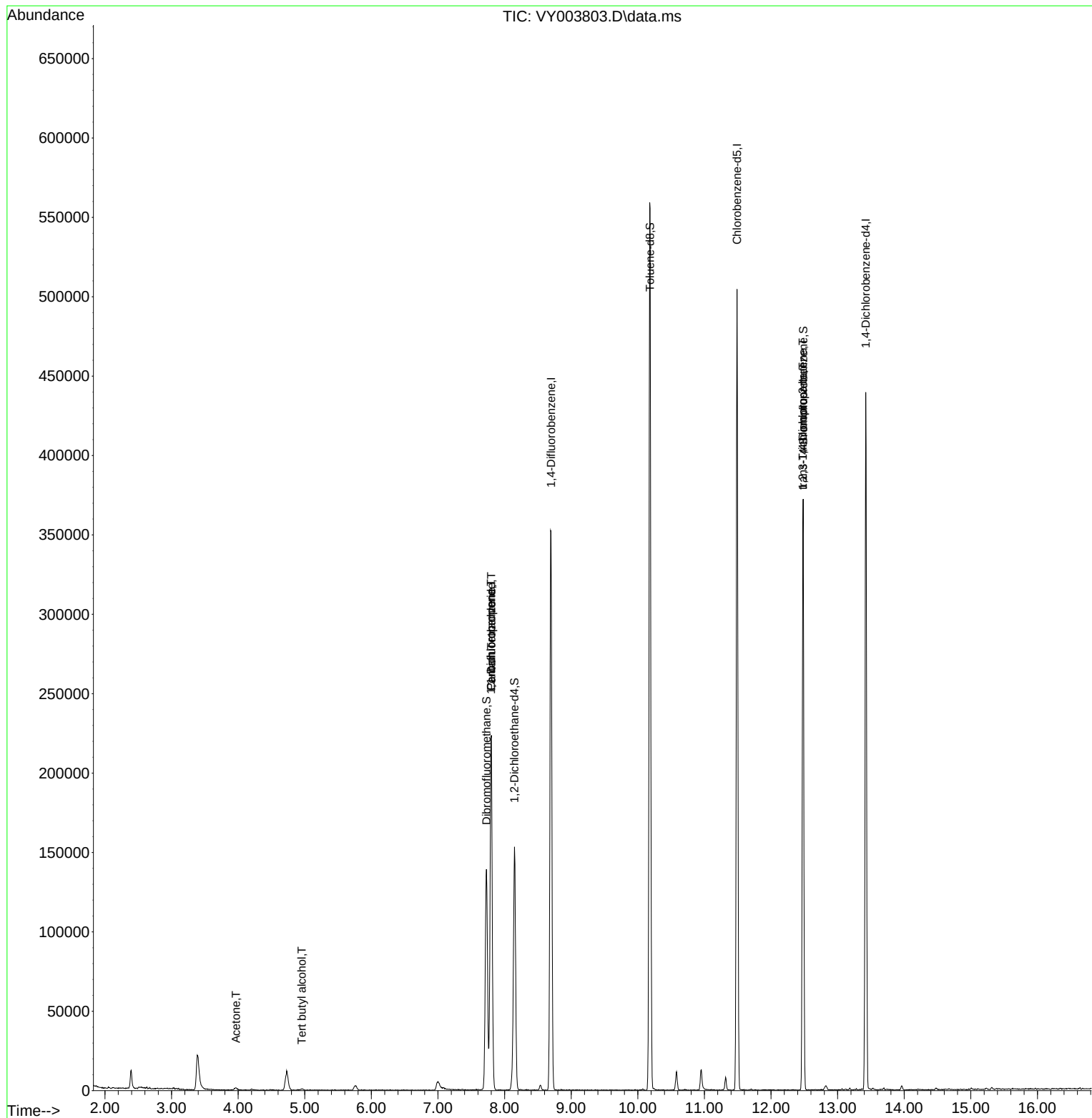
Internal Standards						
1) Pentafluorobenzene	7.801	168	182966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	318742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	277443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112053	49.38	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.76%		
35) Dibromofluoromethane	7.728	113	98835	42.87	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.74%		
50) Toluene-d8	10.185	98	377494	41.36	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	82.72%		
62) 4-Bromofluorobenzene	12.483	95	108462	34.58	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	69.16%		
Target Compounds						
5) Bromomethane	2.656	94	30	Below Cal	#	2
11) Tert butyl alcohol	4.954	59	1403	6.16	ug/l #	73
16) Acetone	3.966	43	2461	4.72	ug/l #	78
20) Methylene Chloride	4.728	84	9100	Below Cal		88
36) 1,1-Dichloropropene	7.795	75	13167	3.67	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17154	4.79	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	54929	40.71	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	54929	77.10	ug/l #	5

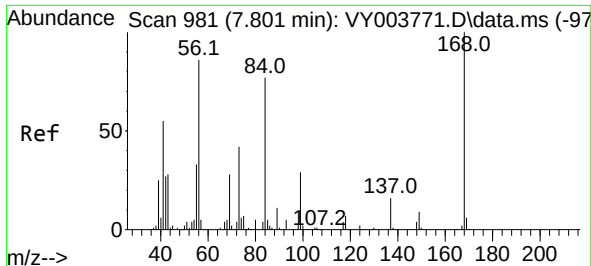
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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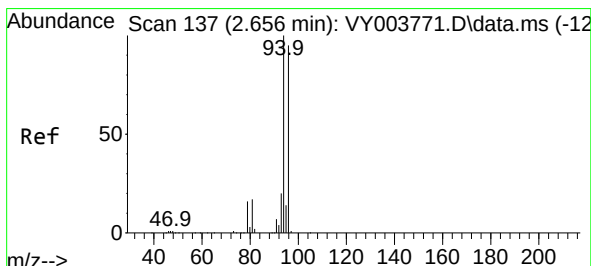
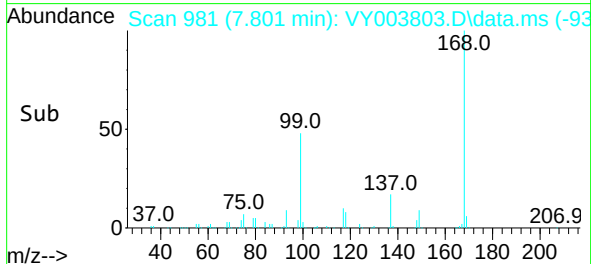
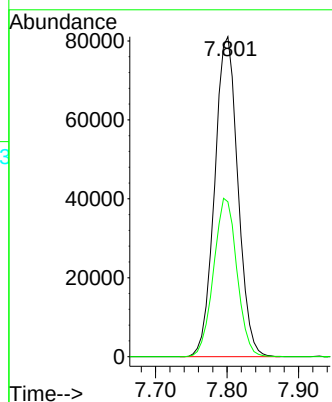
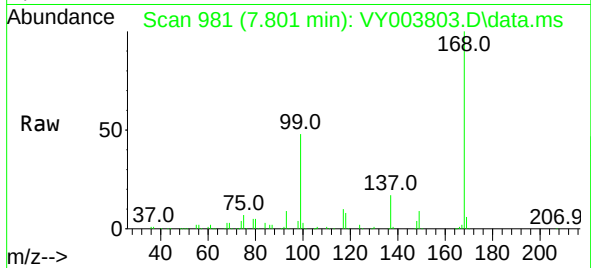




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003803.D
Acq: 16 Dec 2020 14:38

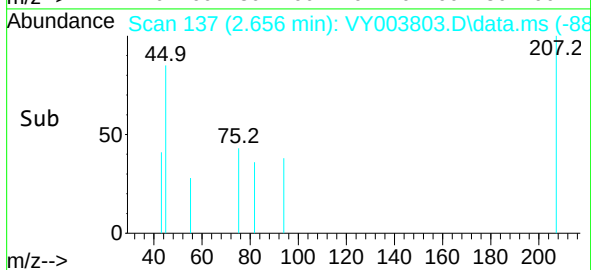
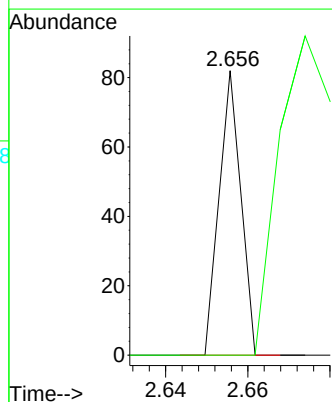
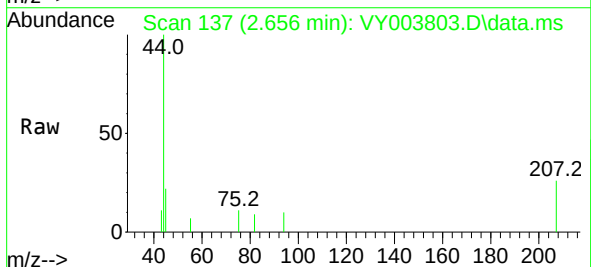
Instrument :
MSVOA_Y
ClientSampled :

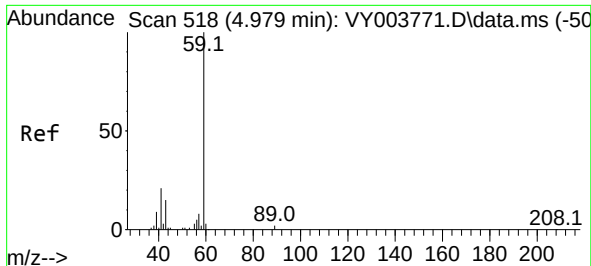
Tgt Ion:168 Resp: 182966
Ion Ratio Lower Upper
168 100
99 48.4 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY003803.D
Acq: 16 Dec 2020 14:38

Tgt Ion: 94 Resp: 30
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#

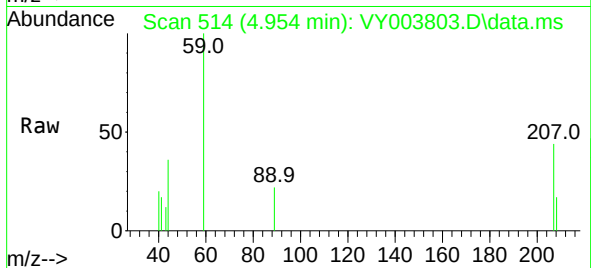




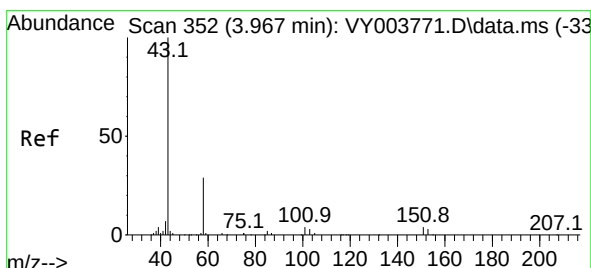
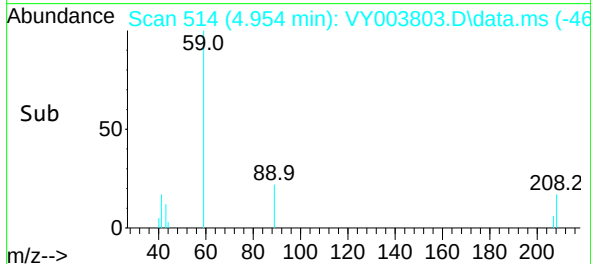
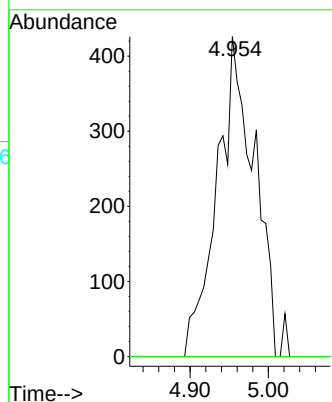
#11

Tert butyl alcohol
Concen: 6.16 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY003803.D
Acq: 16 Dec 2020 14:38

Instrument :
MSVOA_Y
ClientSampled :



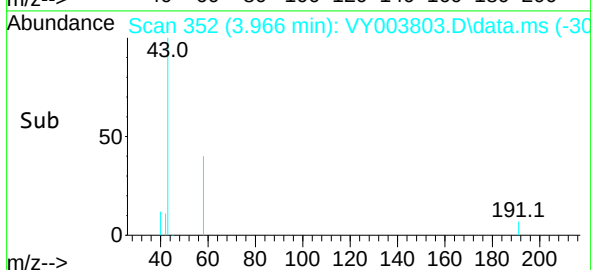
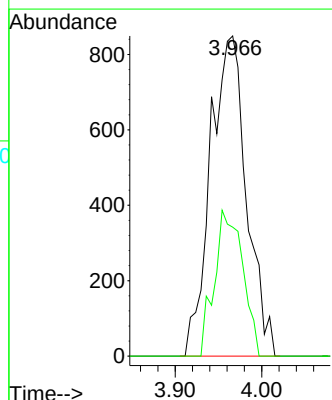
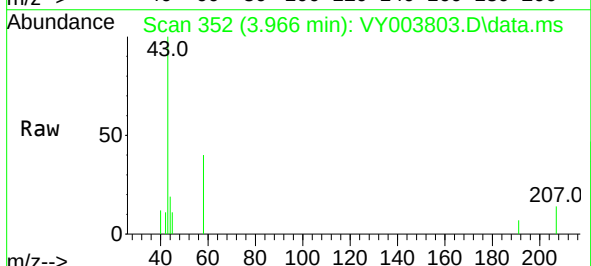
Tgt Ion: 59 Resp: 1403
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

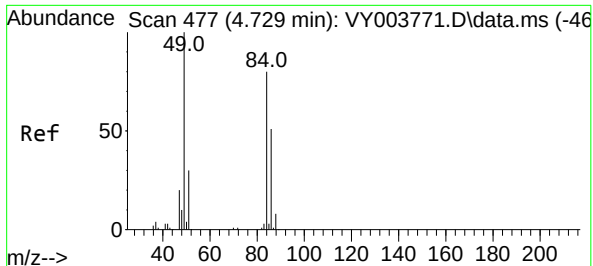


#16

Acetone
Concen: 4.72 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY003803.D
Acq: 16 Dec 2020 14:38

Tgt Ion: 43 Resp: 2461
Ion Ratio Lower Upper
43 100
58 40.3 22.9 34.3#





#20

Methylene Chloride

Concen: Below Cal

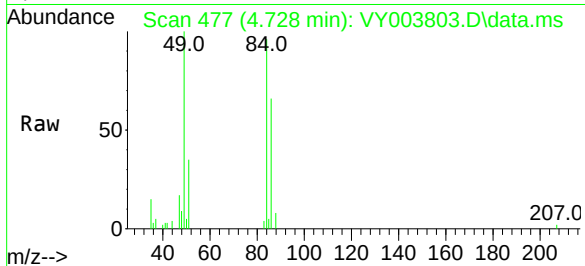
RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY003803.D

Acq: 16 Dec 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 9100

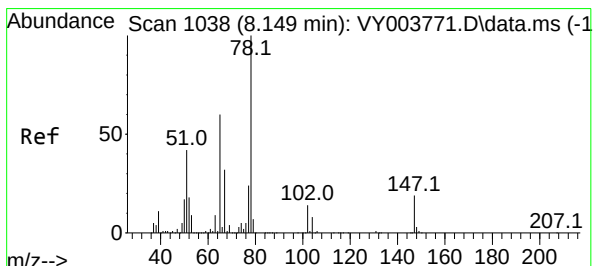
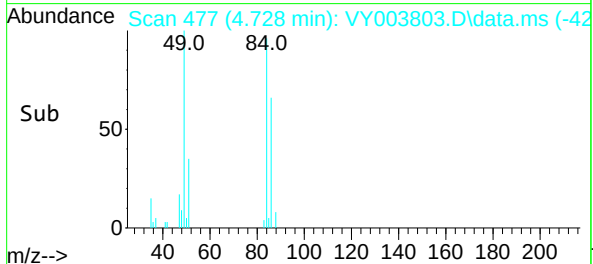
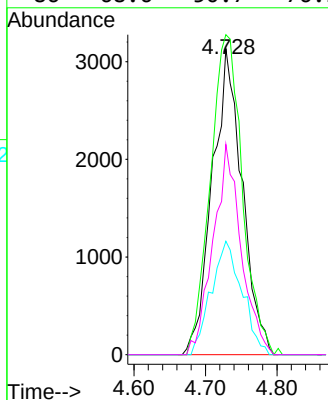
Ion Ratio Lower Upper

84 100

49 104.5 100.4 150.6

51 37.0 30.3 45.5

86 68.6 50.7 76.1



#33

1,2-Dichloroethane-d4

Concen: 49.38 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY003803.D

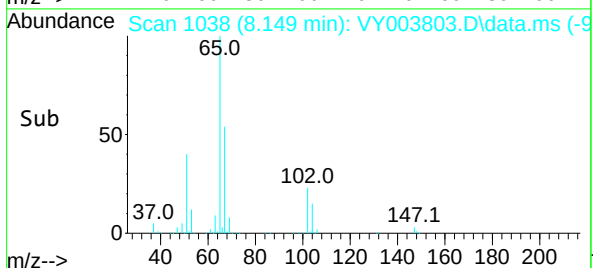
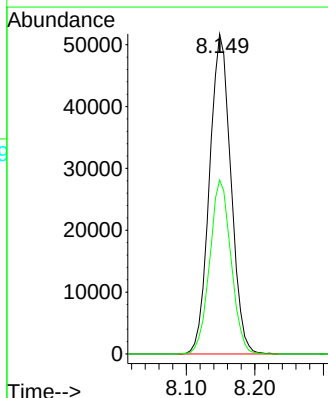
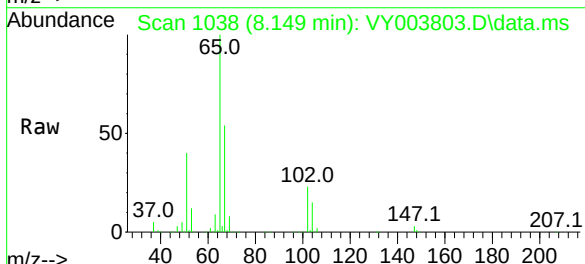
Acq: 16 Dec 2020 14:38

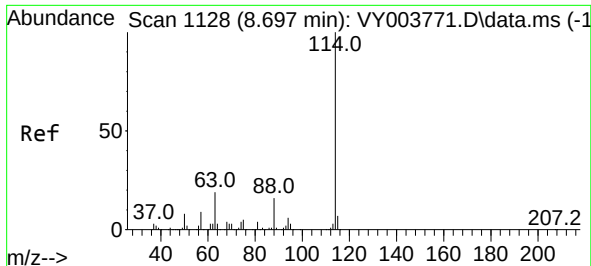
Tgt Ion: 65 Resp: 112053

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.6

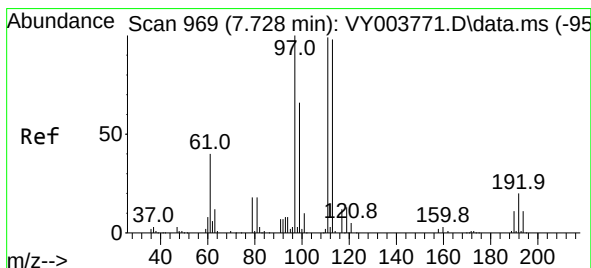
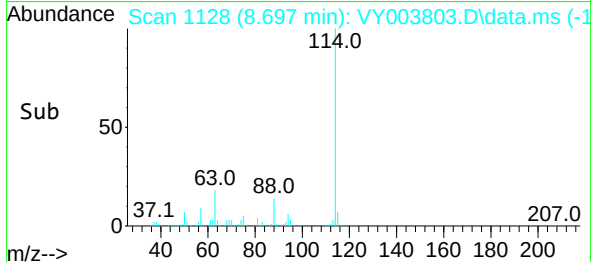
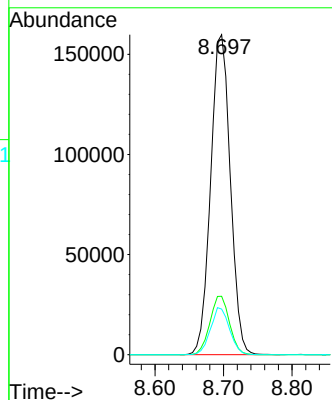
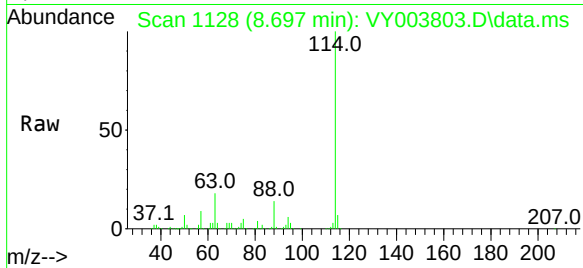




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY003803.D
Acq: 16 Dec 2020 14:38

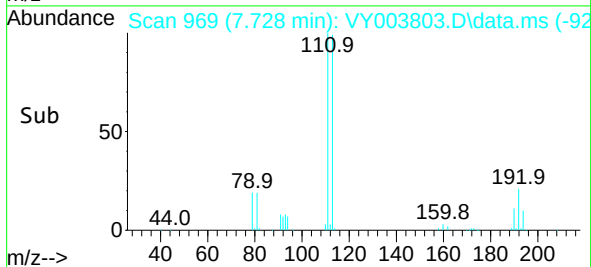
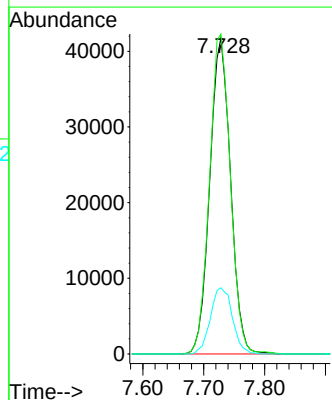
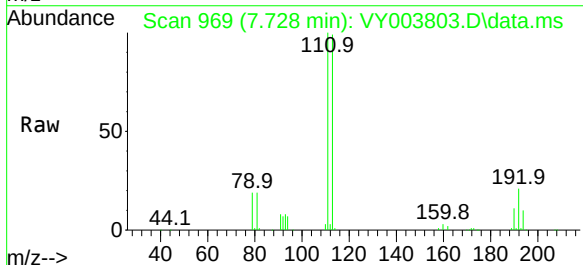
Instrument :
MSVOA_Y
ClientSampleId :

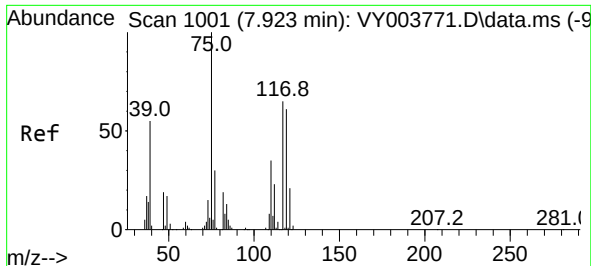
Tgt Ion:114 Resp: 318742
Ion Ratio Lower Upper
114 100
63 18.3 0.0 38.4
88 14.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.87 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY003803.D
Acq: 16 Dec 2020 14:38

Tgt Ion:113 Resp: 98835
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 22.2 16.7 25.1

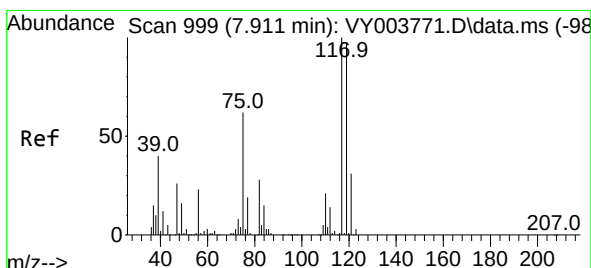
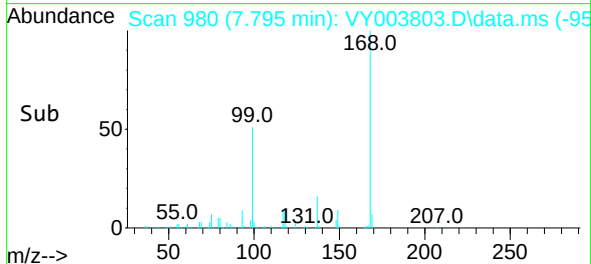
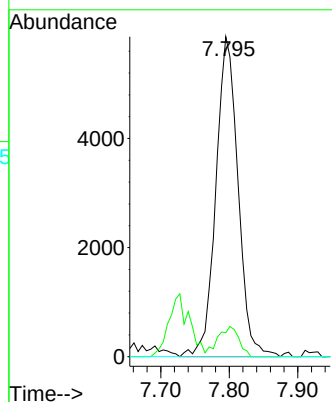
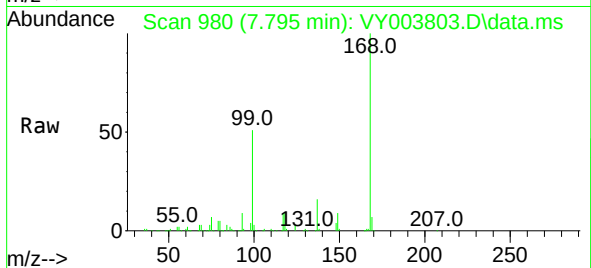




#36
 1,1-Dichloropropene
 Concen: 3.67 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY003803.D
 Acq: 16 Dec 2020 14:38

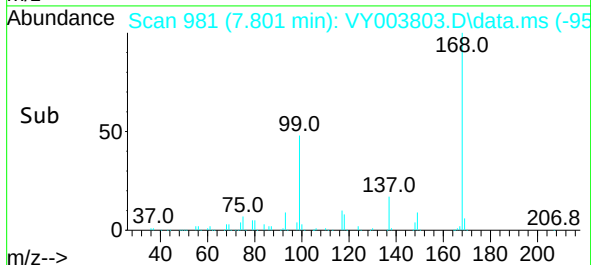
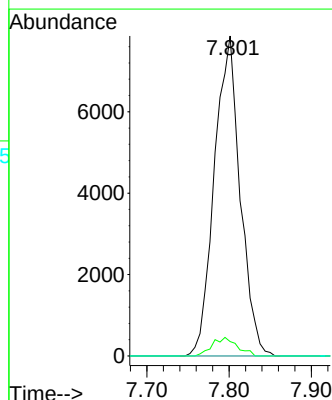
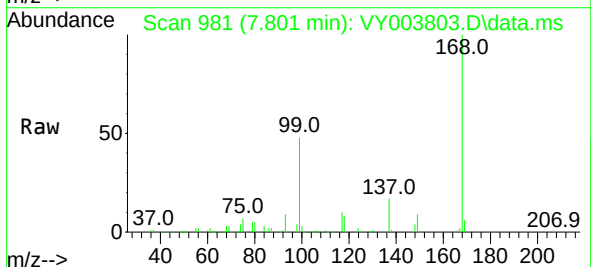
Instrument :
 MSVOA_Y
 ClientSampled :

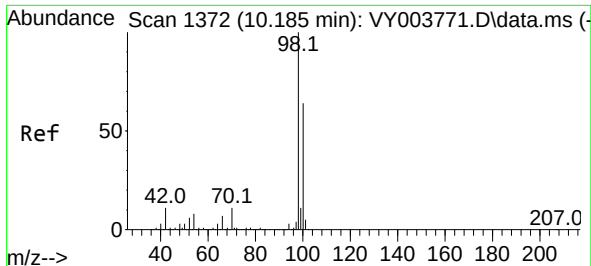
Tgt Ion: 75 Resp: 13167
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.1 54.1#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 4.79 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY003803.D
 Acq: 16 Dec 2020 14:38

Tgt Ion: 117 Resp: 17154
 Ion Ratio Lower Upper
 117 100
 119 4.5 77.2 115.8#
 121 0.0 25.0 37.4#

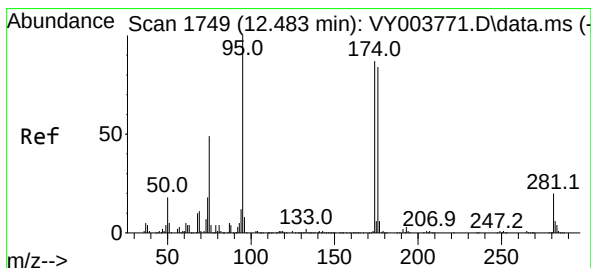
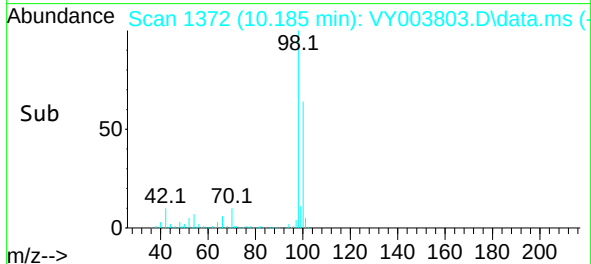
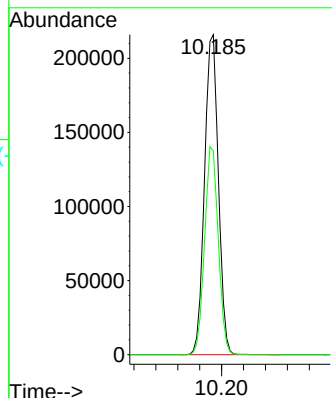
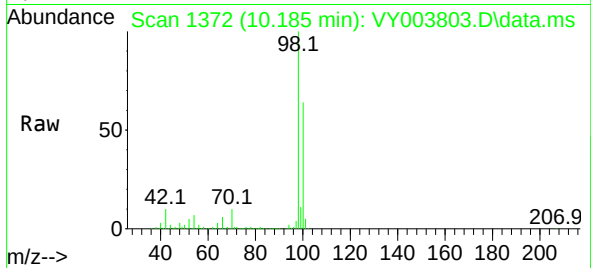




#50
Toluene-d8
Concen: 41.36 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY003803.D
Acq: 16 Dec 2020 14:38

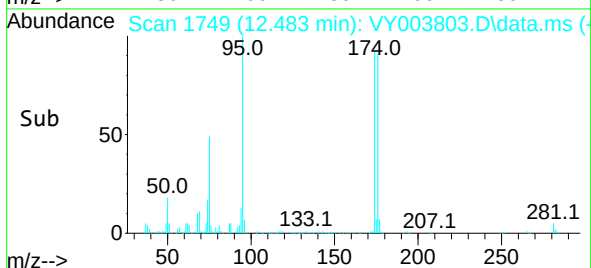
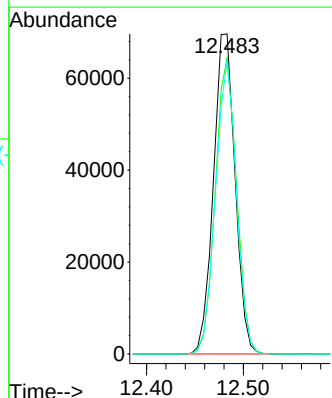
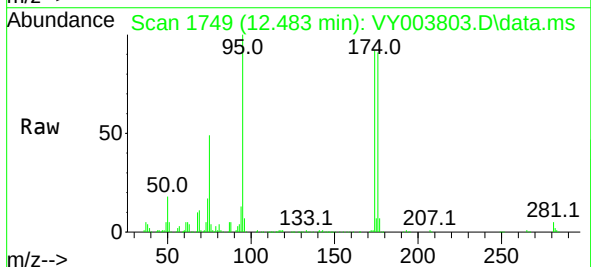
Instrument :
MSVOA_Y
ClientSampled :

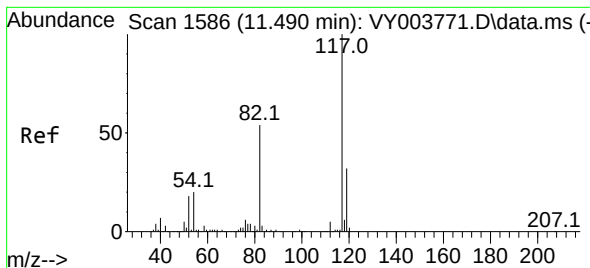
Tgt Ion: 98 Resp: 377494
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 34.58 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003803.D
Acq: 16 Dec 2020 14:38

Tgt Ion: 95 Resp: 108462
Ion Ratio Lower Upper
95 100
174 91.0 0.0 170.8
176 88.0 0.0 165.0

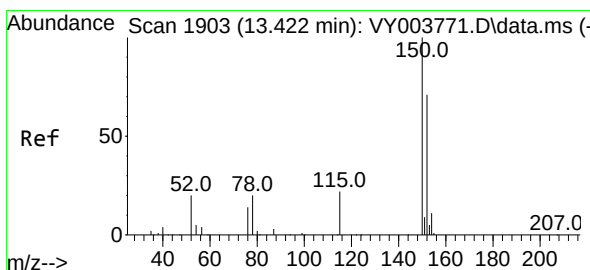
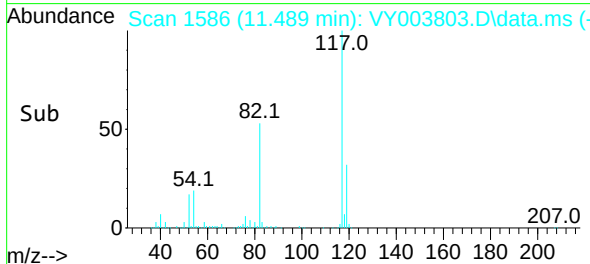
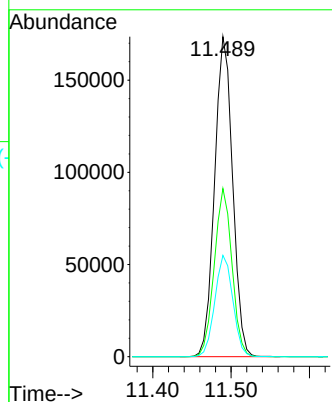
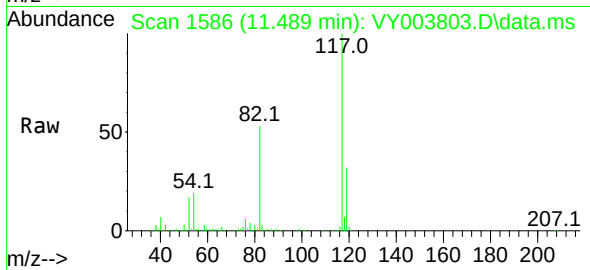




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003803.D
Acq: 16 Dec 2020 14:38

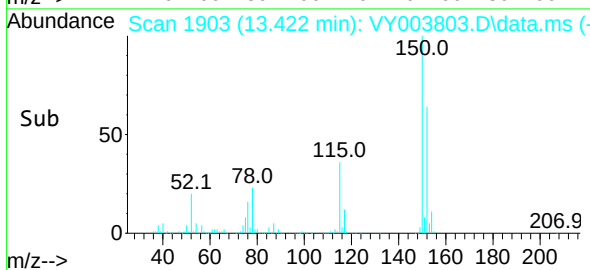
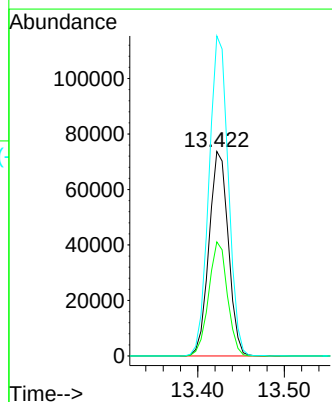
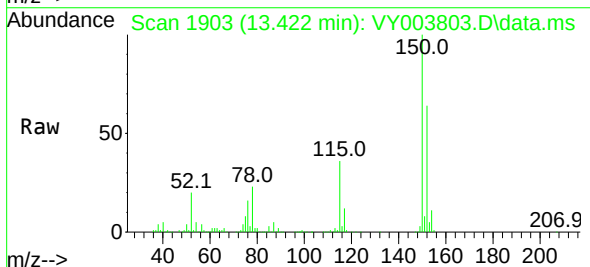
Instrument :
MSVOA_Y
ClientSampleId :

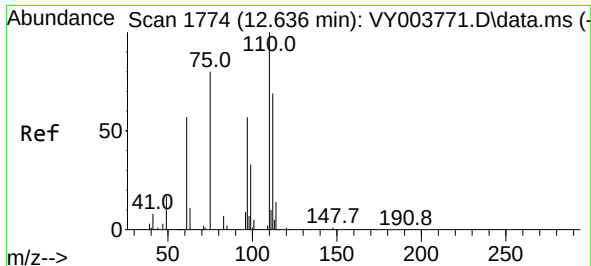
Tgt Ion:117 Resp: 277443
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.6
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY003803.D
Acq: 16 Dec 2020 14:38

Tgt Ion:152 Resp: 113889
Ion Ratio Lower Upper
152 100
115 54.1 28.0 83.9
150 157.1 0.0 347.6

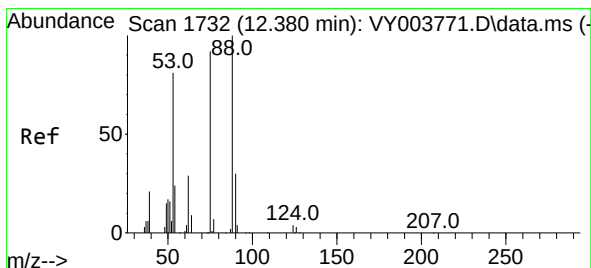
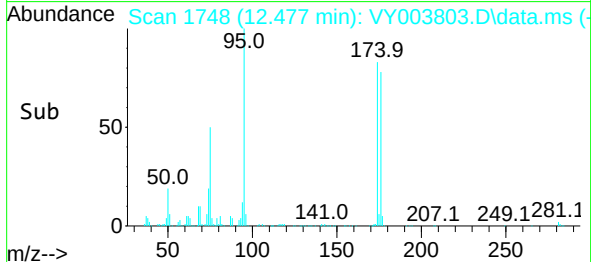
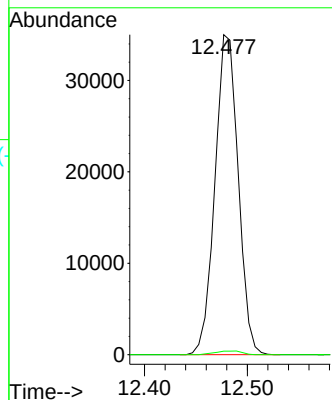
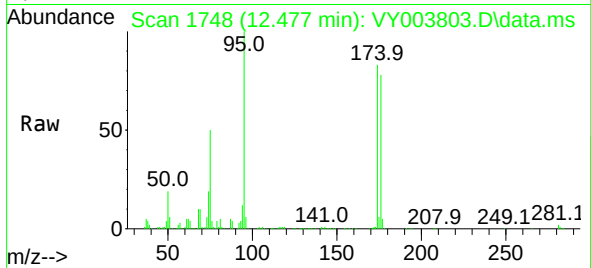




#76
1,2,3-Trichloropropane
Concen: 40.71 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY003803.D
Acq: 16 Dec 2020 14:38

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 54929
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.10 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY003803.D
Acq: 16 Dec 2020 14:38

Tgt Ion: 75 Resp: 54929
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.0 0.0 0.0#

