

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121620\
 Data File : VY003808.D
 Acq On : 16 Dec 2020 16:35
 Operator : SY/MD
 Sample : L5036-06
 Misc : 4.35G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 17 02:54:13 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)

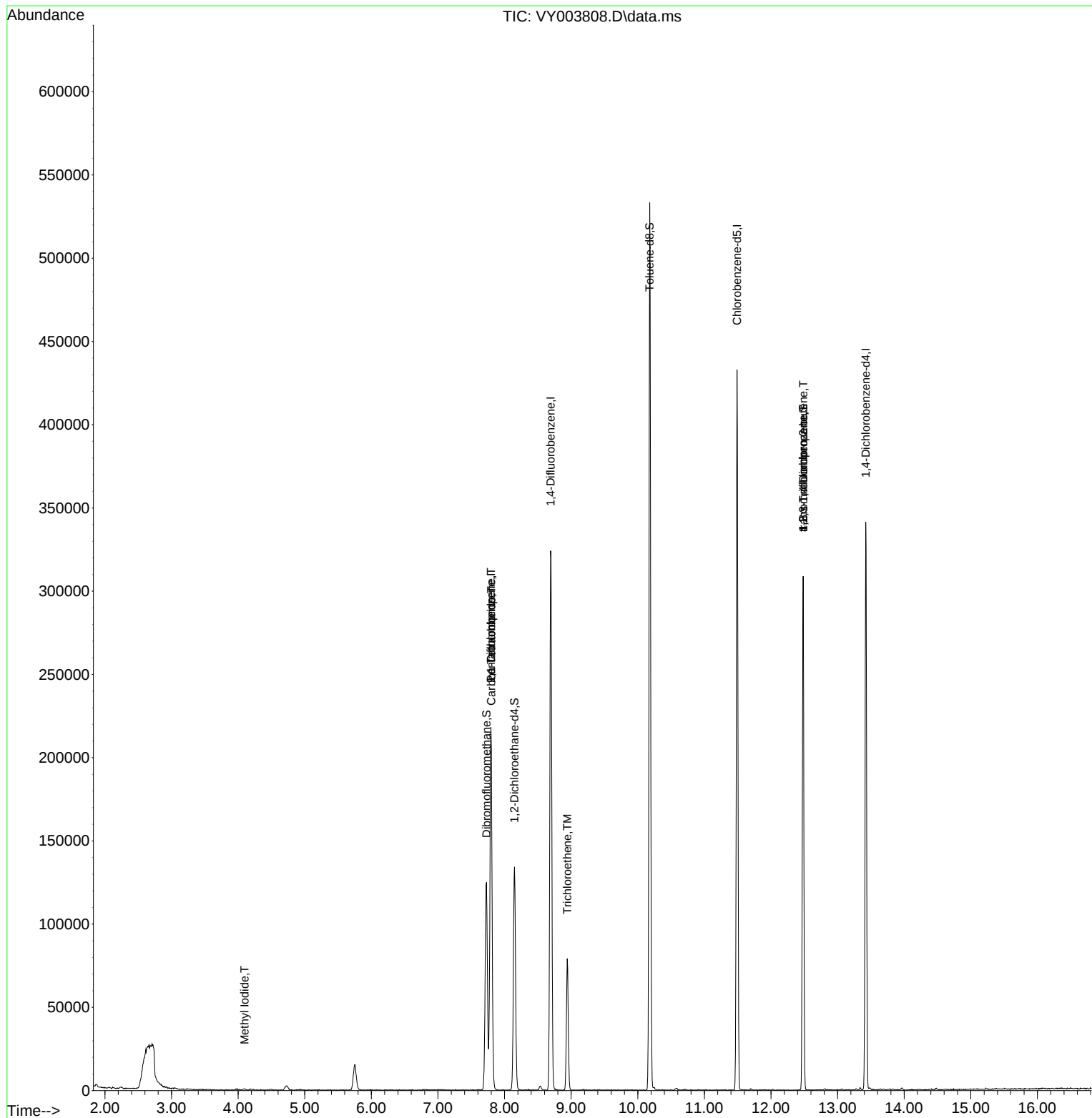
Internal Standards						
1) Pentafluorobenzene	7.795	168	180577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	296973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100811	45.02	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.04%		
35) Dibromofluoromethane	7.728	113	89886	41.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.68%		
50) Toluene-d8	10.179	98	346884	40.79	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.58%		
62) 4-Bromofluorobenzene	12.483	95	89937	30.78	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	61.56%		
Target Compounds						
5) Bromomethane	2.631	94	971	Below Cal	#	54
10) Methyl Iodide	4.095	142	1201	4.18	ug/l #	87
20) Methylene Chloride	4.723	84	2287	Below Cal	#	75
36) 1,1-Dichloropropene	7.795	75	12000	3.59	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16313	4.89	ug/l #	15
44) Trichloroethene	8.941	130	28577	10.40	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	44907	41.36	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44907	78.32	ug/l #	5

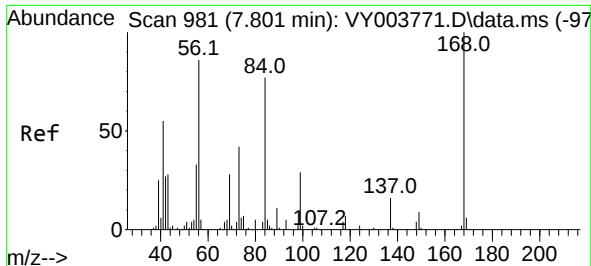
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

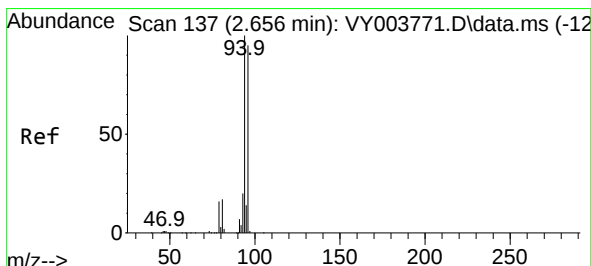
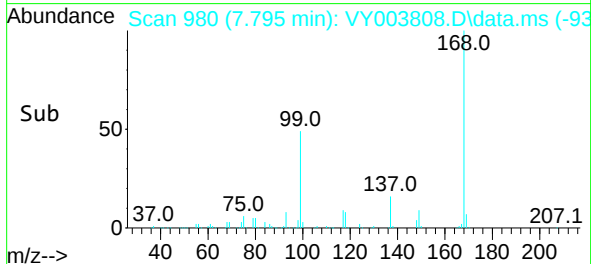
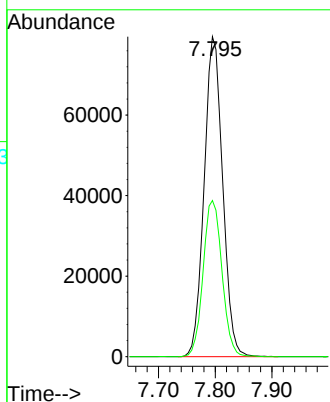
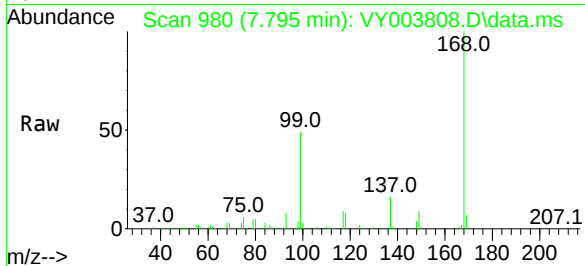




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35

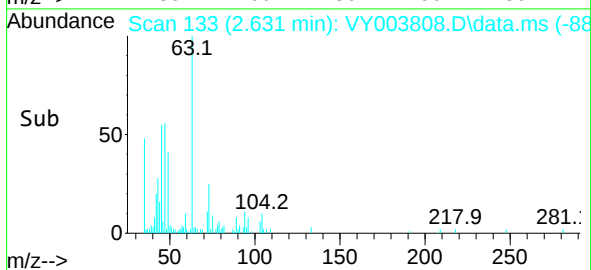
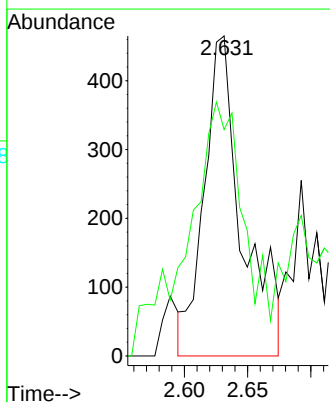
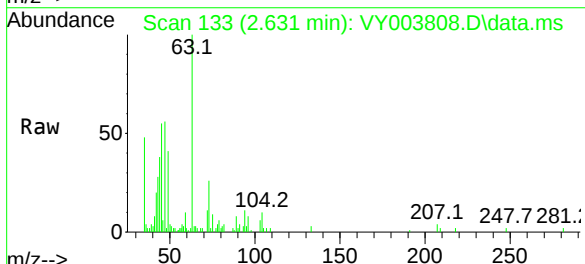
Instrument :
MSVOA_Y
ClientSampleId :

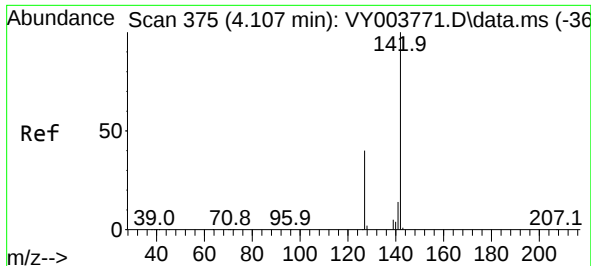
Tgt Ion:168 Resp: 180577
Ion Ratio Lower Upper
168 100
99 48.8 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.631 min Scan# 133
Delta R.T. -0.025 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35

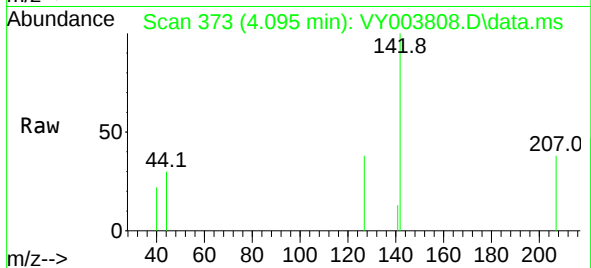
Tgt Ion: 94 Resp: 971
Ion Ratio Lower Upper
94 100
96 50.1 75.9 113.9#



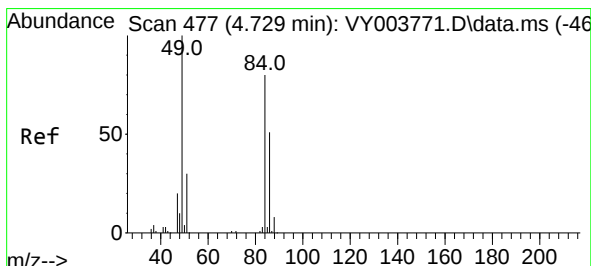
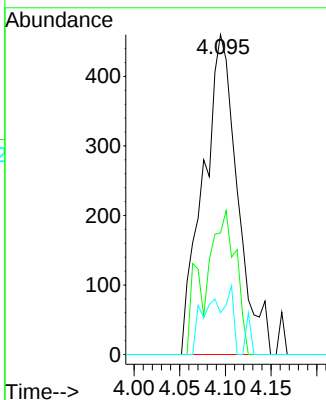
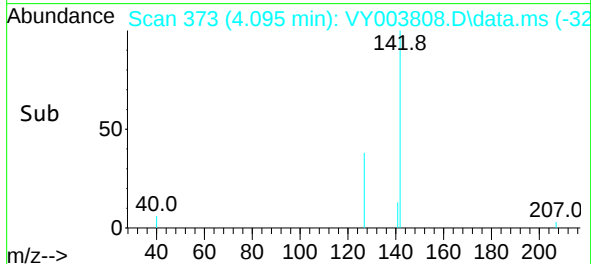


#10
Methyl Iodide
Concen: 4.18 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35

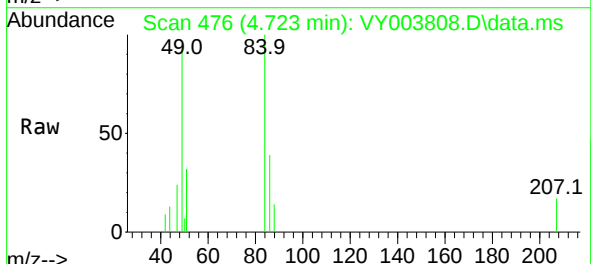
Instrument :
MSVOA_Y
ClientSampled :



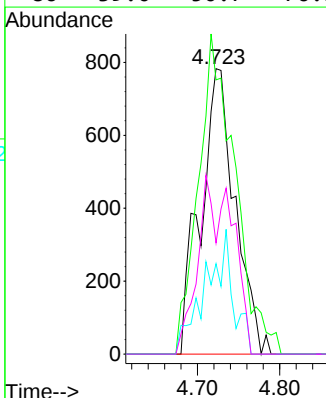
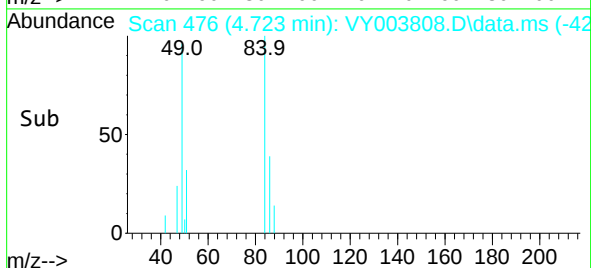
Tgt Ion:142 Resp: 1201
Ion Ratio Lower Upper
142 100
127 31.6 33.7 50.5#
141 15.4 11.4 17.2

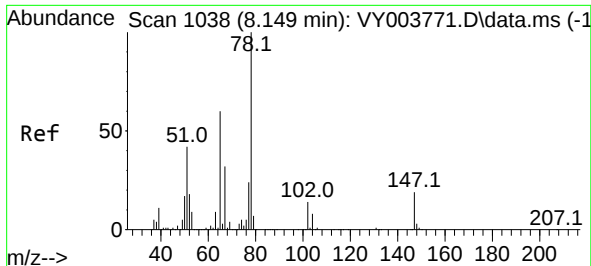


#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35



Tgt Ion: 84 Resp: 2287
Ion Ratio Lower Upper
84 100
49 96.0 100.4 150.6#
51 31.7 30.3 45.5
86 39.0 50.7 76.1#

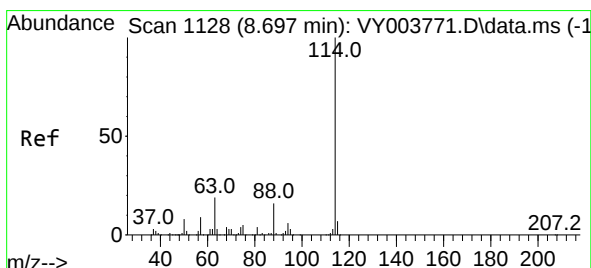
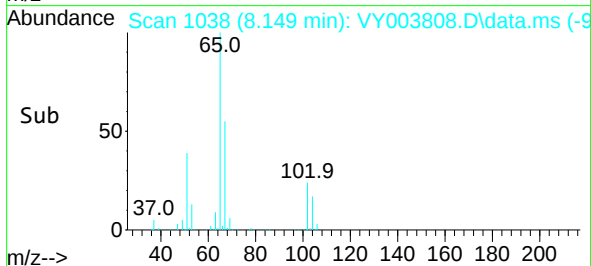
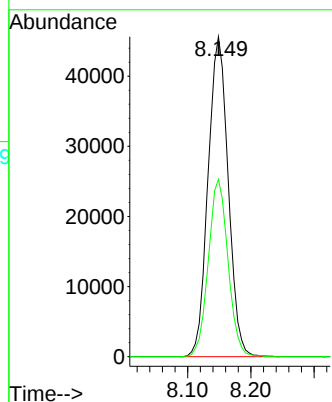
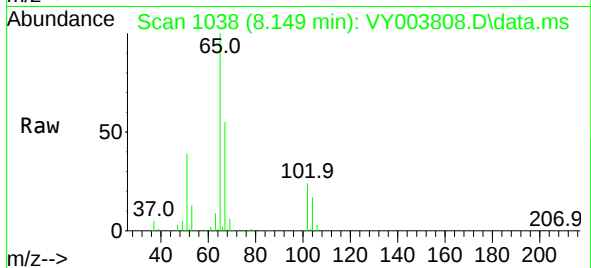




#33
1,2-Dichloroethane-d4
Concen: 45.02 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35

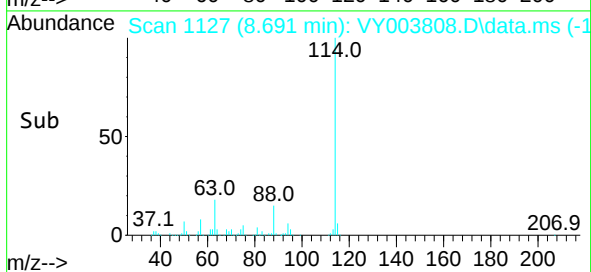
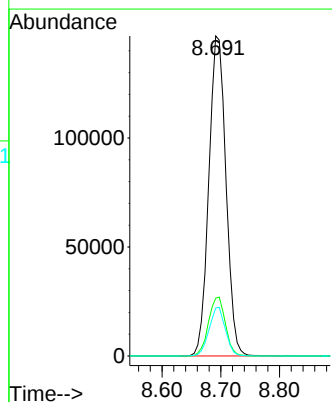
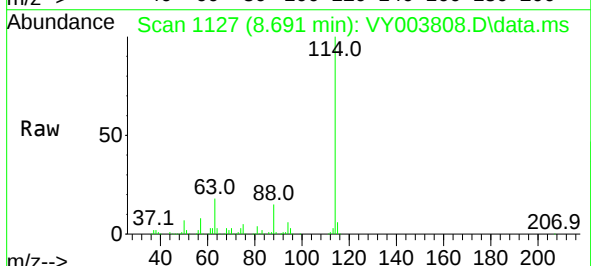
Instrument :
MSVOA_Y
ClientSampled :

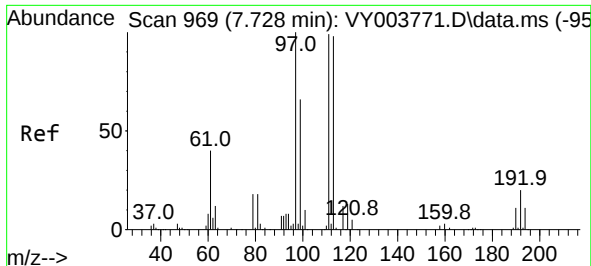
Tgt Ion: 65 Resp: 100811
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35

Tgt Ion:114 Resp: 296973
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.4
88 15.0 0.0 31.8

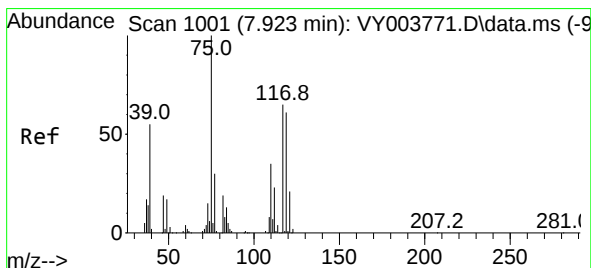
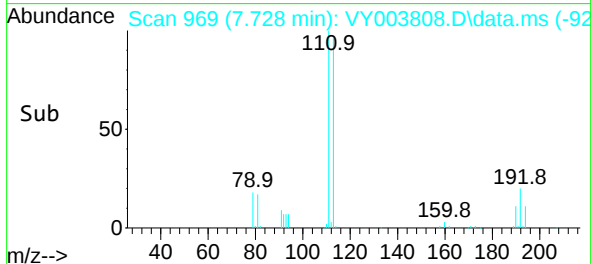
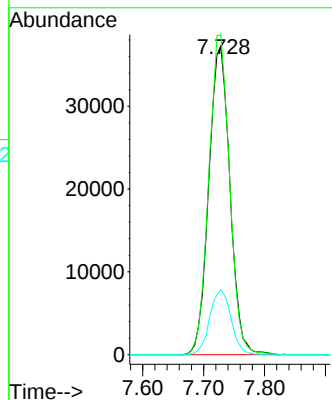
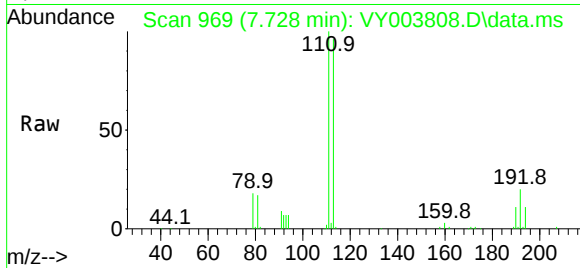




#35
Dibromofluoromethane
Concen: 41.84 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35

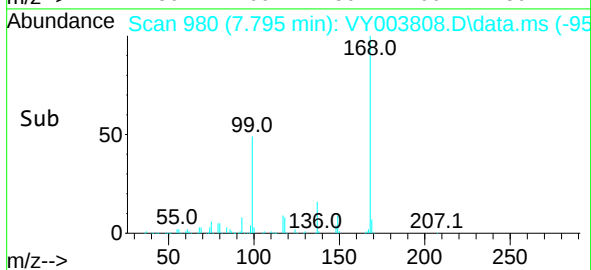
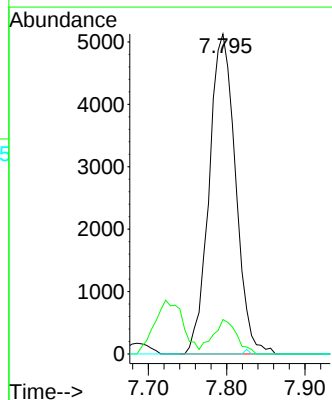
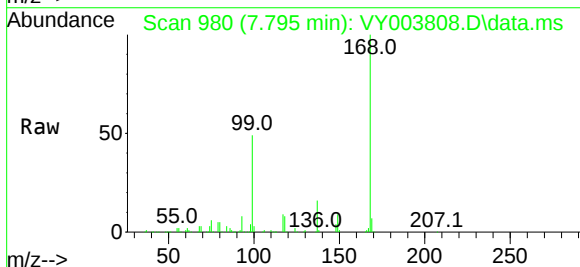
Instrument :
MSVOA_Y
ClientSampled :

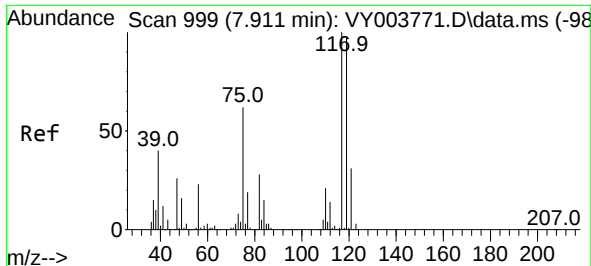
Tgt Ion:113 Resp: 89886
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 21.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 3.59 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35

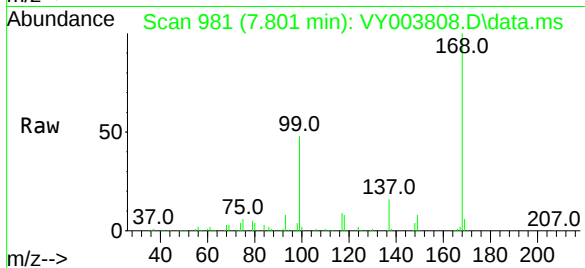
Tgt Ion: 75 Resp: 12000
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.1#
77 0.0 24.6 36.8#



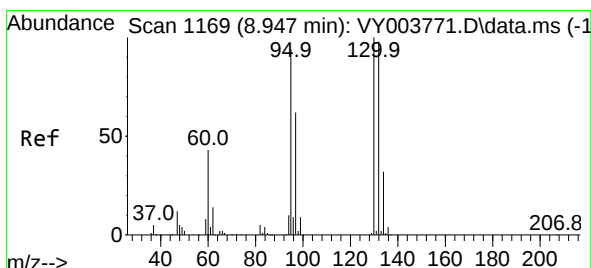
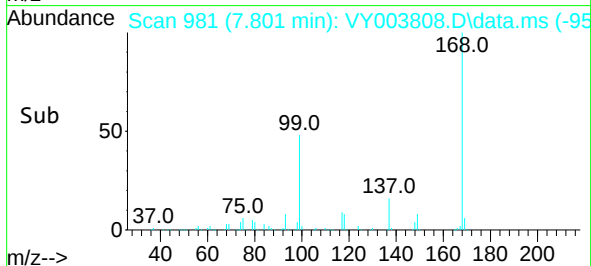
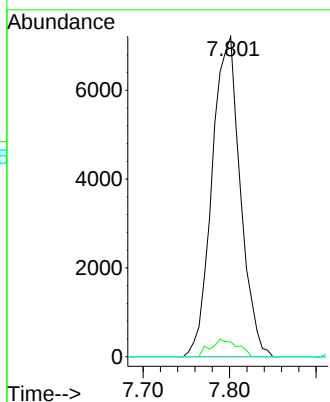


#38
Carbon Tetrachloride
Concen: 4.89 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35

Instrument :
MSVOA_Y
ClientSampled :

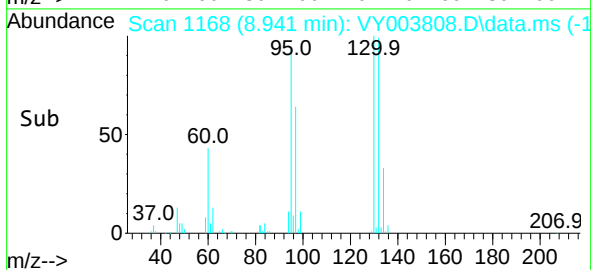
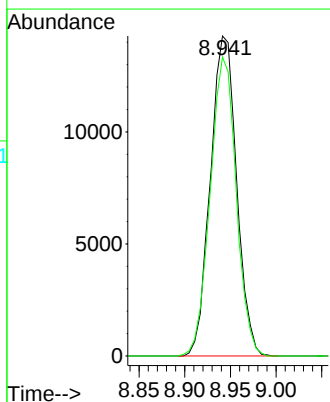
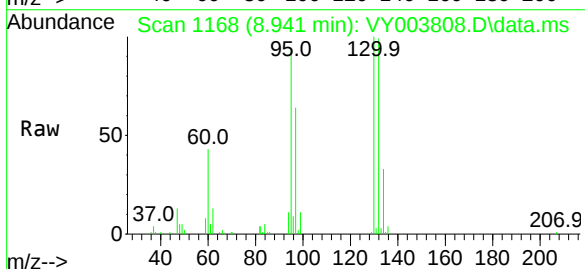


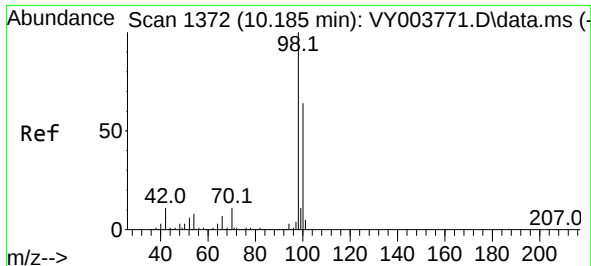
Tgt Ion:117 Resp: 16313
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.0 37.4#



#44
Trichloroethene
Concen: 10.40 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35

Tgt Ion:130 Resp: 28577
Ion Ratio Lower Upper
130 100
95 93.4 0.0 189.0

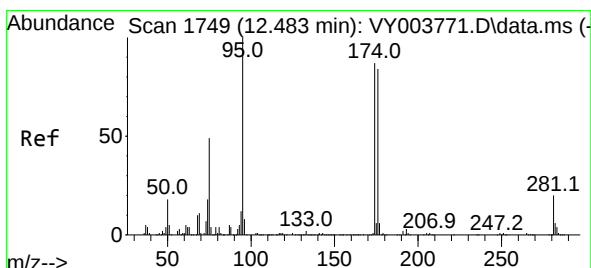
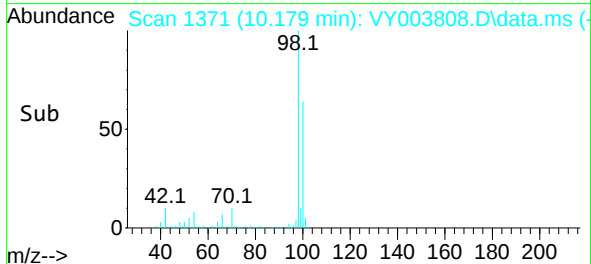
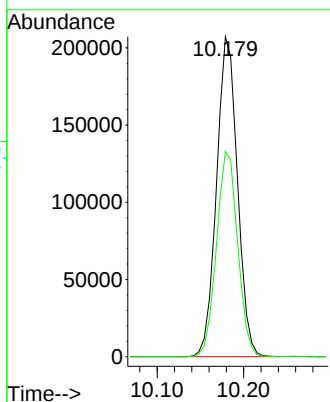
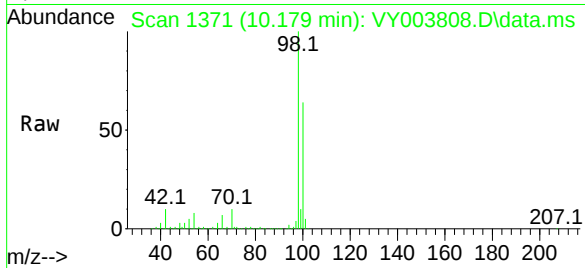




#50
Toluene-d8
Concen: 40.79 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35

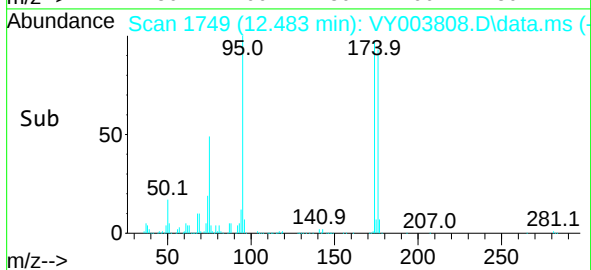
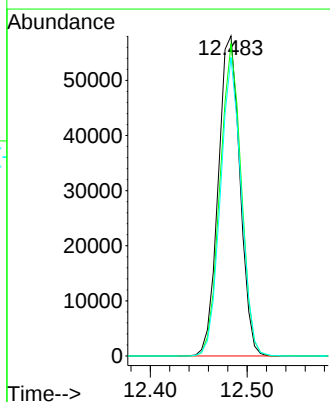
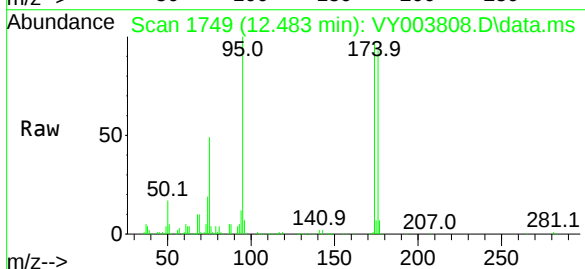
Instrument :
MSVOA_Y
ClientSampled :

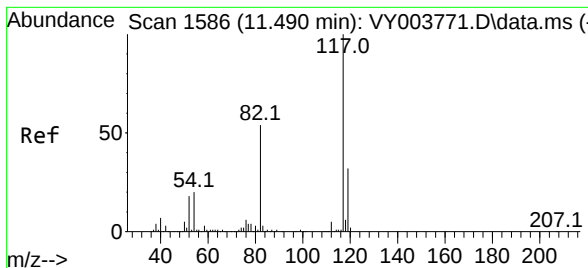
Tgt Ion: 98 Resp: 346884
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 30.78 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35

Tgt Ion: 95 Resp: 89937
Ion Ratio Lower Upper
95 100
174 95.2 0.0 170.8
176 89.5 0.0 165.0

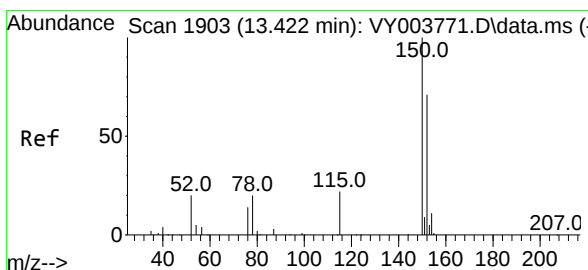
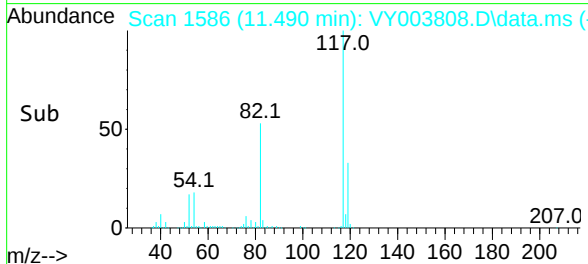
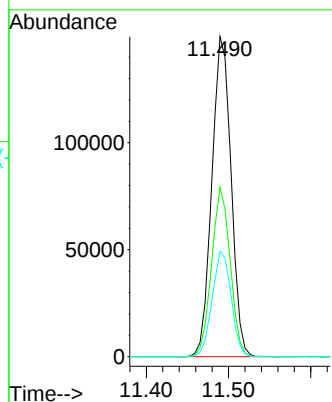
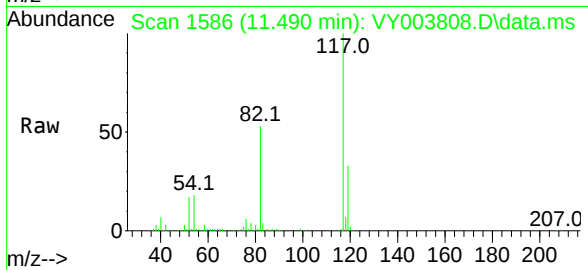




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35

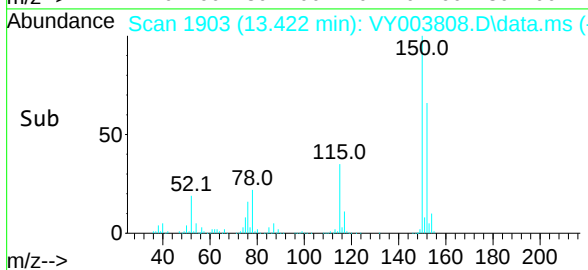
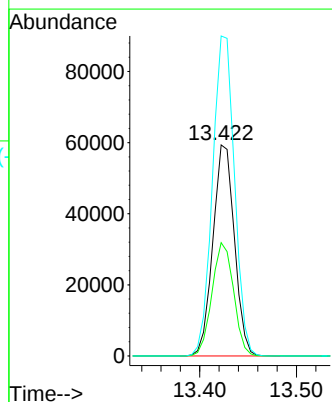
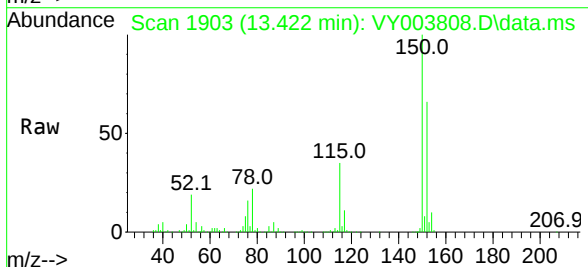
Instrument :
MSVOA_Y
ClientSampleId :

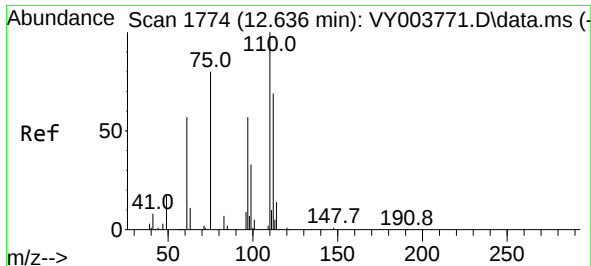
Tgt Ion:117 Resp: 242933
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.6
119 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35

Tgt Ion:152 Resp: 91653
Ion Ratio Lower Upper
152 100
115 53.9 28.0 83.9
150 155.0 0.0 347.6

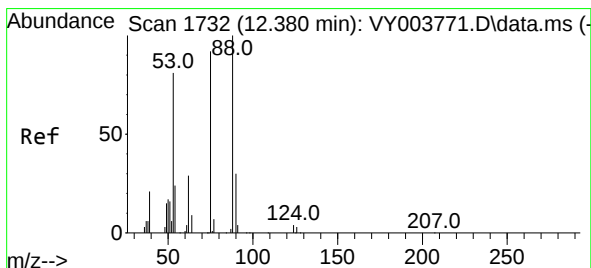
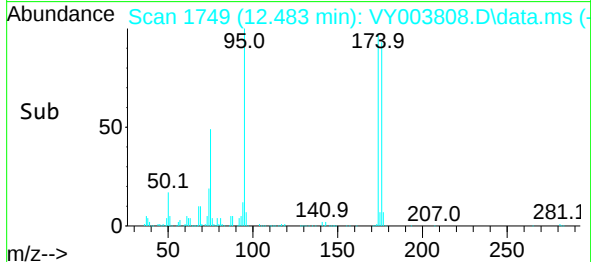
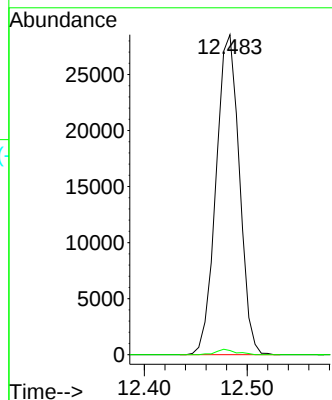
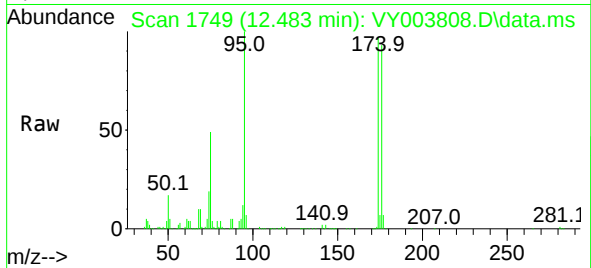




#76
1,2,3-Trichloropropane
Concen: 41.36 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 44907
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY003808.D
Acq: 16 Dec 2020 16:35

Tgt Ion: 75 Resp: 44907
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.0 0.0 0.0

