

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121520\
 Data File : VY003780.D
 Acq On : 15 Dec 2020 17:38
 Operator : SY/MD
 Sample : L5043-01
 Misc : 4.75G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 16 05:06:59 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)

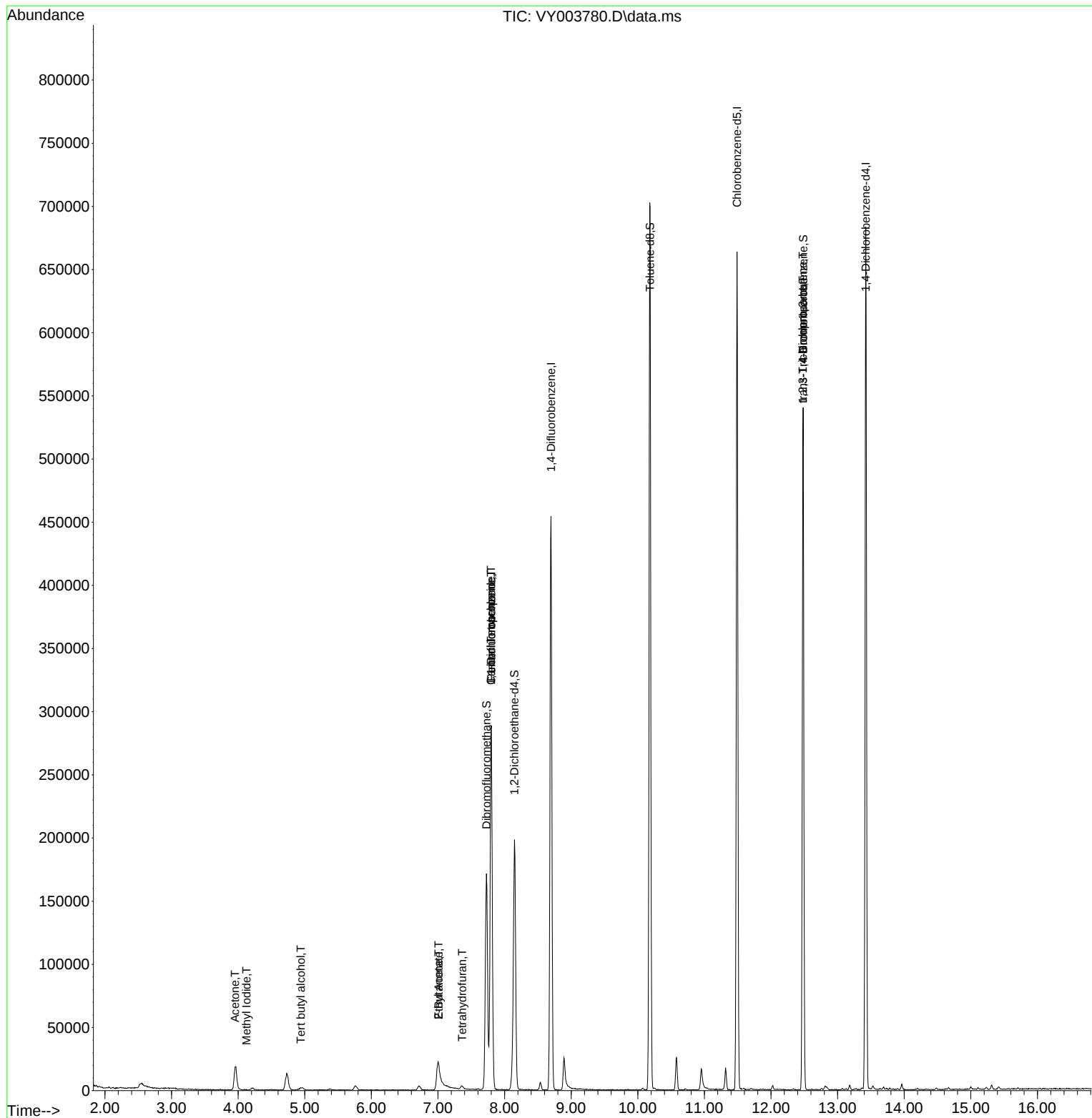
Internal Standards						
1) Pentafluorobenzene	7.801	168	231962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	386962	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	354511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	146417	50.90	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.80%		
35) Dibromofluoromethane	7.728	113	121039	43.24	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.48%		
50) Toluene-d8	10.185	98	456657	41.21	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	82.42%		
62) 4-Bromofluorobenzene	12.483	95	158979	41.75	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	83.50%		
Target Compounds						
5) Bromomethane	2.674	94	116	Below Cal	#	58
10) Methyl Iodide	4.125	142	324	3.84	ug/l #	42
11) Tert butyl alcohol	4.942	59	1266	4.38	ug/l #	73
16) Acetone	3.954	43	33174	50.14	ug/l	90
20) Methylene Chloride	4.729	84	9470	Below Cal		92
25) 2-Butanone	7.009	43	3518	3.29	ug/l #	83
29) Tetrahydrofuran	7.362	42	2090	2.83	ug/l	94
36) 1,1-Dichloropropene	7.795	75	17041	3.92	ug/l #	48
37) Ethyl Acetate	7.009	43	3518	1.34	ug/l #	49
38) Carbon Tetrachloride	7.795	117	21513	4.95	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	81259	40.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	81259	75.79	ug/l #	5

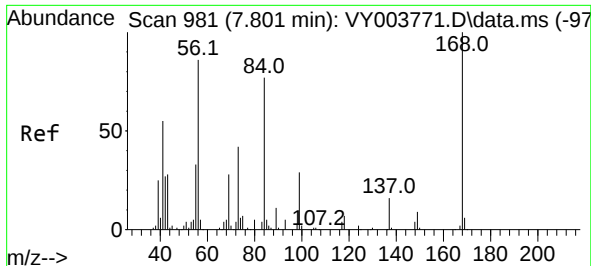
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121520\
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QLast Update : Wed Dec 16 05:00:50 2020
Response via : Initial Calibration

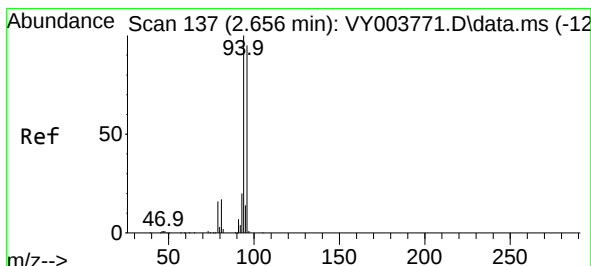
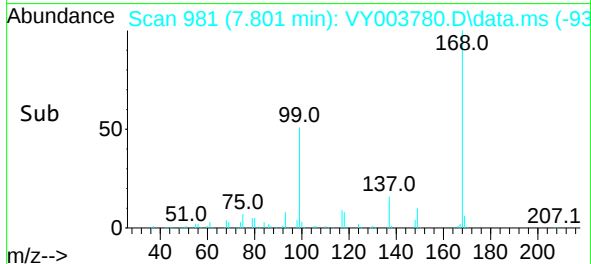
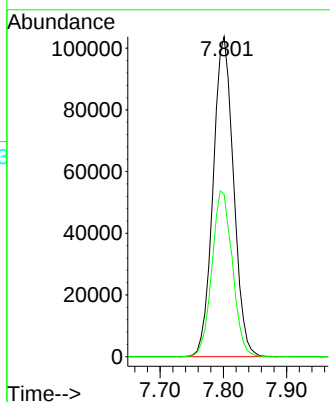
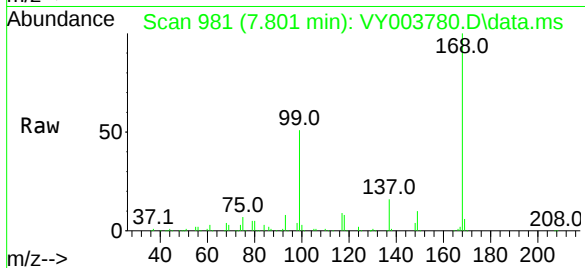




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

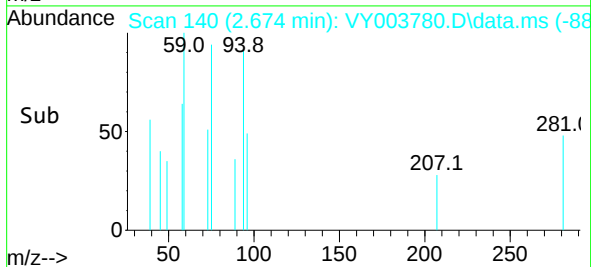
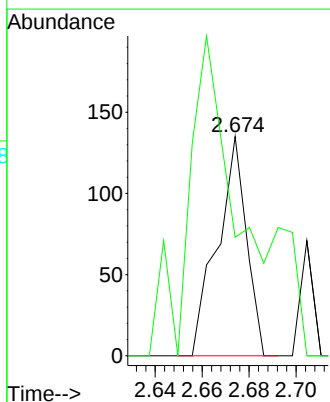
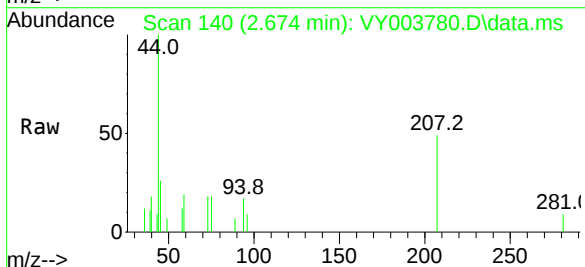
Instrument :
MSVOA_Y
ClientSampleId :

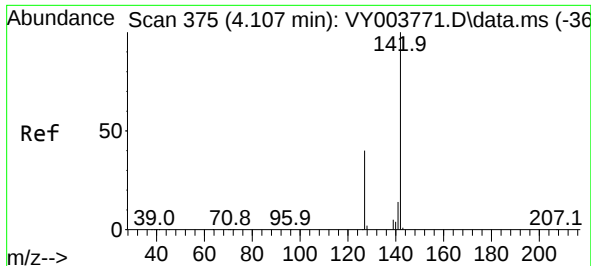
Tgt Ion:168 Resp: 231962
Ion Ratio Lower Upper
168 100
99 50.8 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

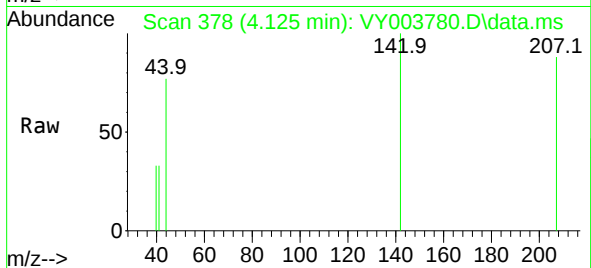
Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 54.1 75.9 113.9#



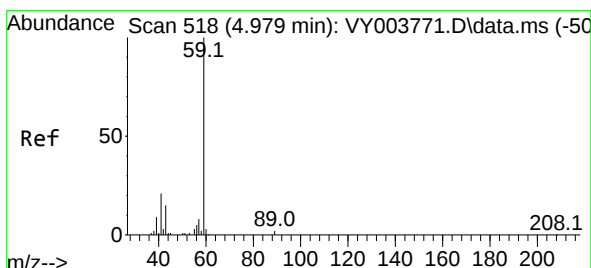
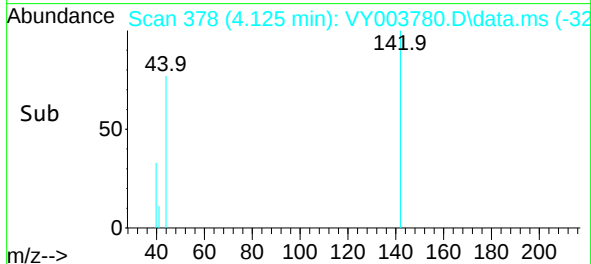
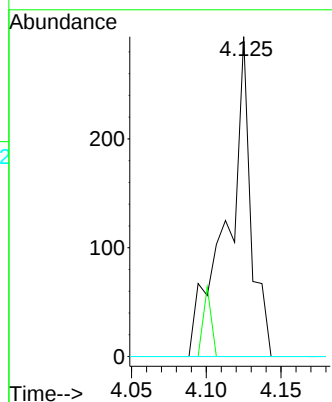


#10
Methyl Iodide
Concen: 3.84 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.018 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

Instrument :
MSVOA_Y
ClientSampleId :

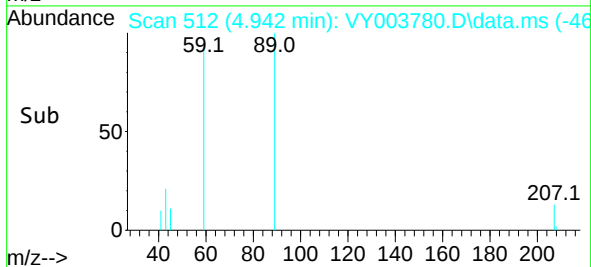
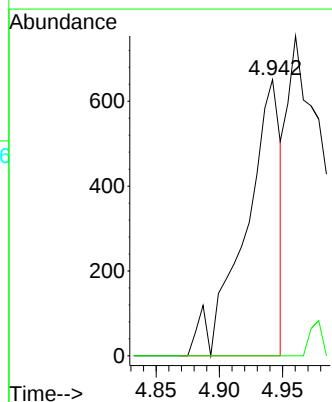
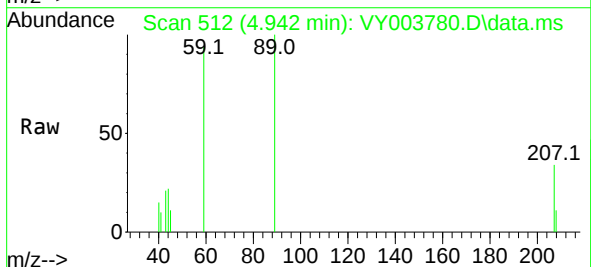


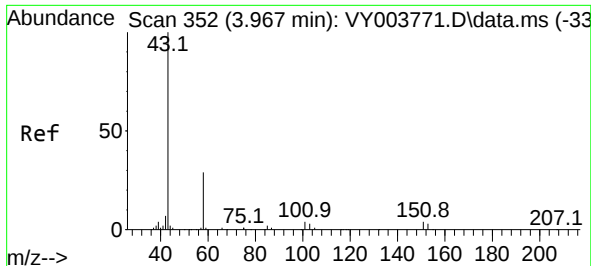
Tgt Ion:142 Resp: 324
Ion Ratio Lower Upper
142 100
127 0.0 33.7 50.5#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 4.38 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.037 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

Tgt Ion: 59 Resp: 1266
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

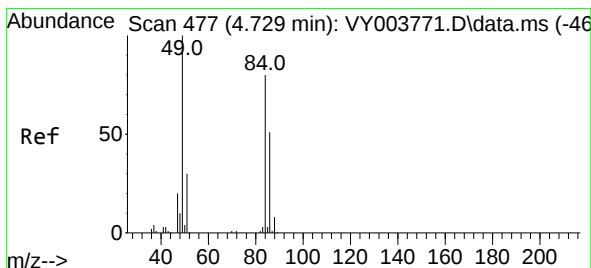
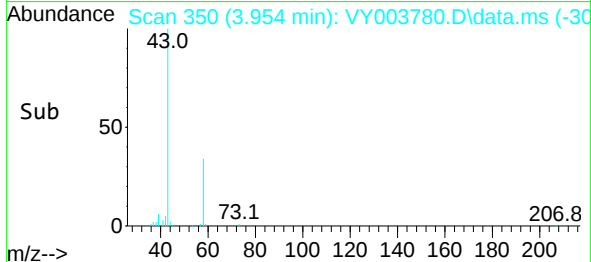
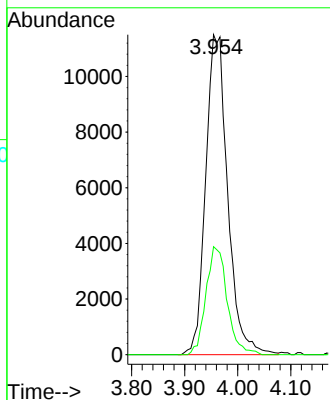
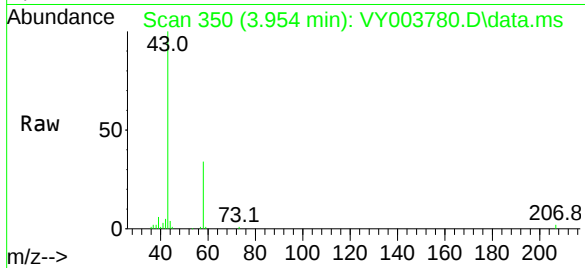




#16
Acetone
Concen: 50.14 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

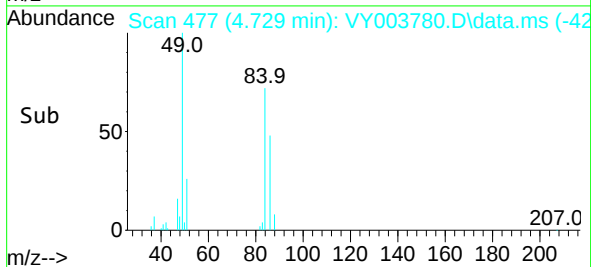
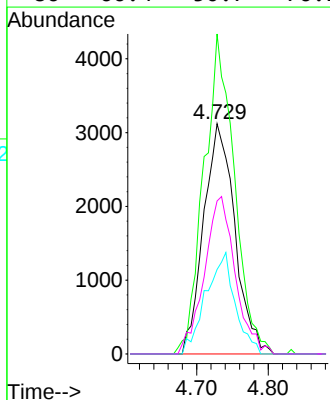
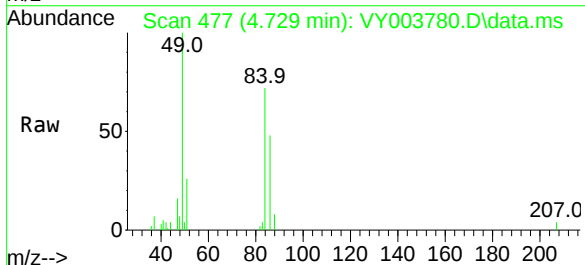
Instrument :
MSVOA_Y
ClientSampled :

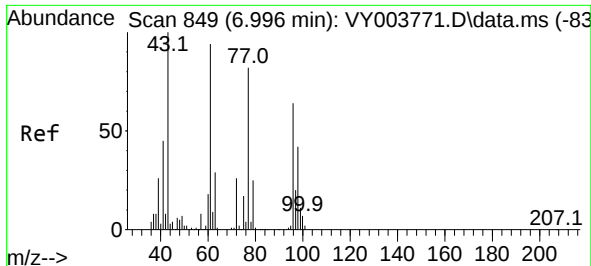
Tgt Ion: 43 Resp: 33174
Ion Ratio Lower Upper
43 100
58 33.8 22.9 34.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

Tgt Ion: 84 Resp: 9470
Ion Ratio Lower Upper
84 100
49 139.0 100.4 150.6
51 36.7 30.3 45.5
86 66.4 50.7 76.1

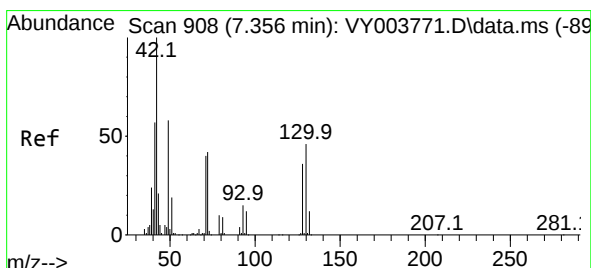
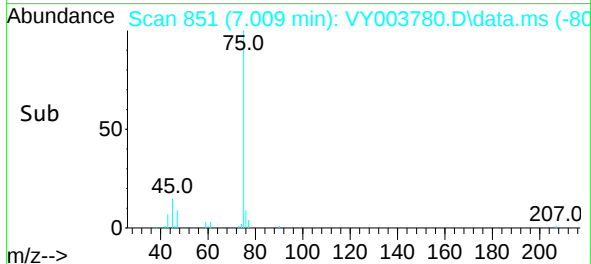
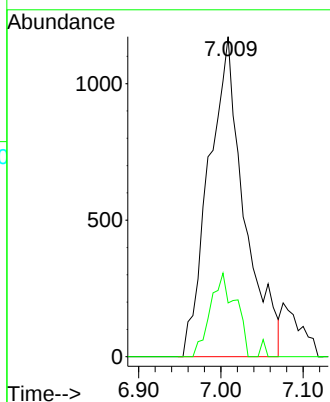
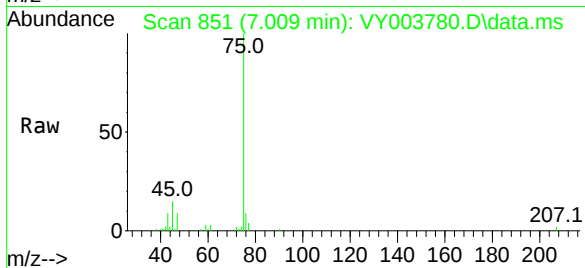




#25
2-Butanone
Concen: 3.29 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

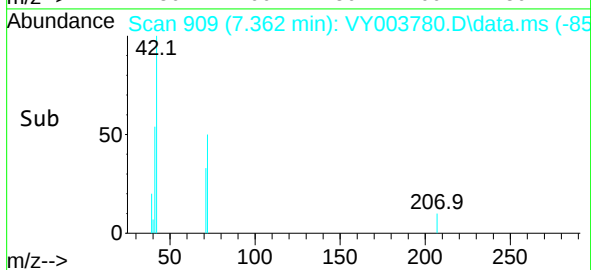
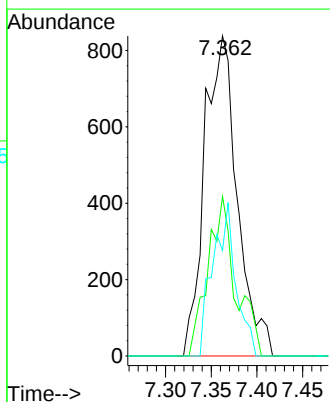
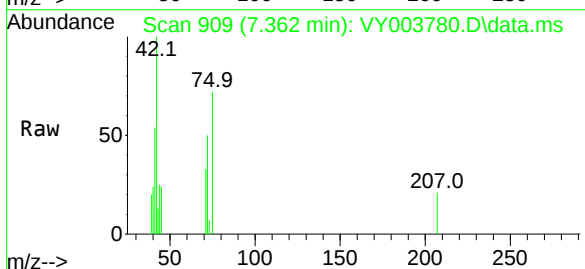
Instrument :
MSVOA_Y
ClientSampled :

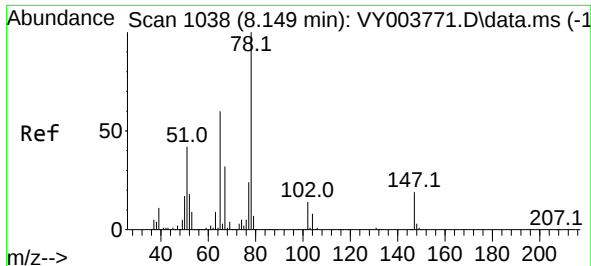
Tgt Ion: 43 Resp: 3518
Ion Ratio Lower Upper
43 100
72 16.8 20.5 30.7#



#29
Tetrahydrofuran
Concen: 2.83 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

Tgt Ion: 42 Resp: 2090
Ion Ratio Lower Upper
42 100
72 42.2 31.7 47.5
71 33.5 30.4 45.6

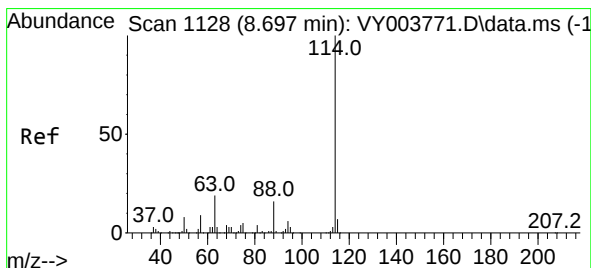
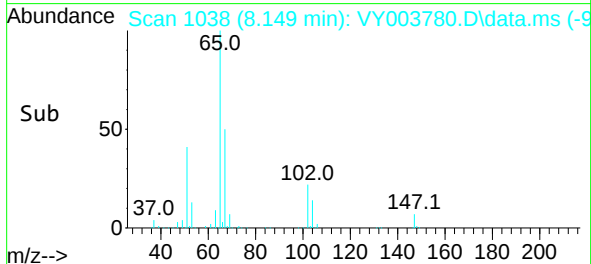
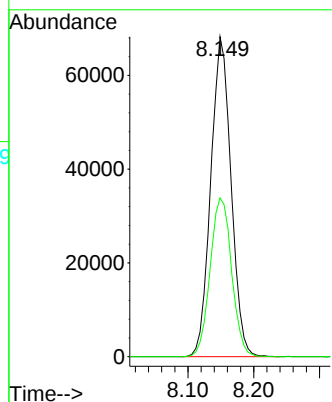
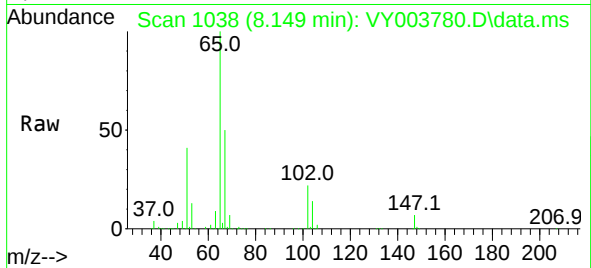




#33
 1,2-Dichloroethane-d4
 Concen: 50.90 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY003780.D
 Acq: 15 Dec 2020 17:38

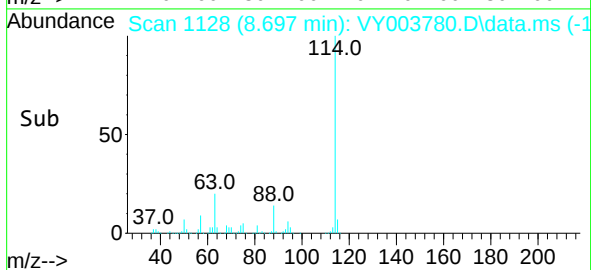
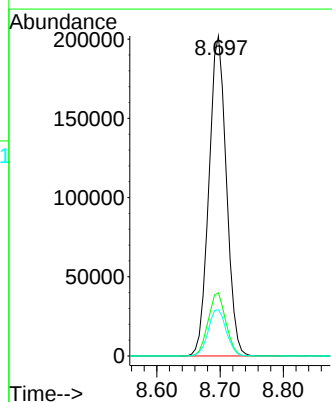
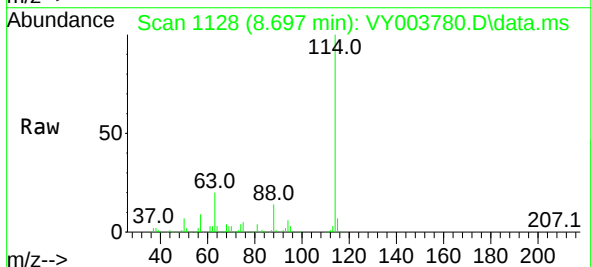
Instrument :
 MSVOA_Y
 ClientSampleId :

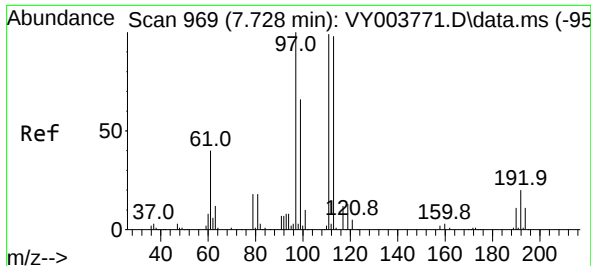
Tgt Ion: 65 Resp: 146417
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY003780.D
 Acq: 15 Dec 2020 17:38

Tgt Ion:114 Resp: 386962
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.4
 88 14.5 0.0 31.8

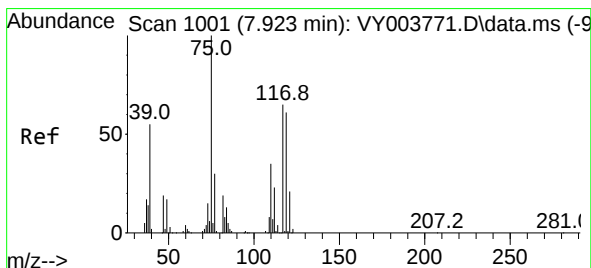
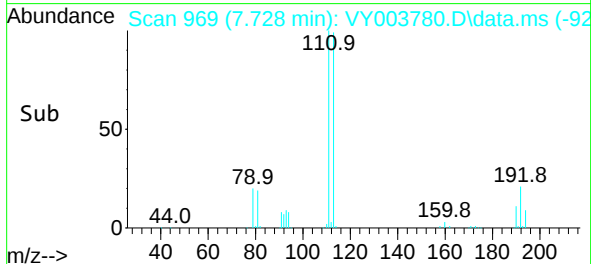
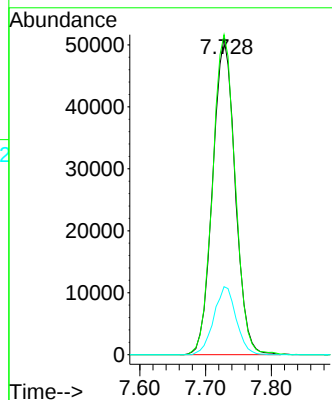
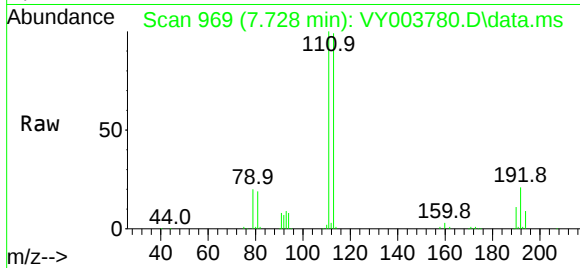




#35
Dibromofluoromethane
Concen: 43.24 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

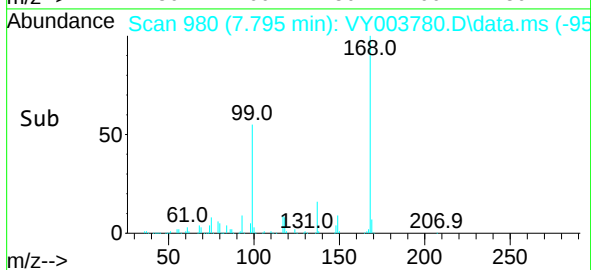
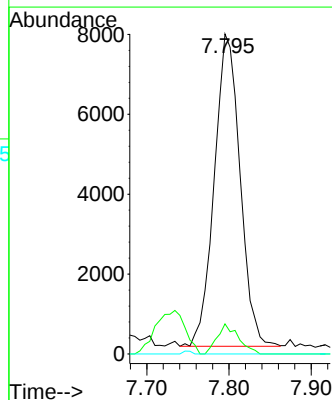
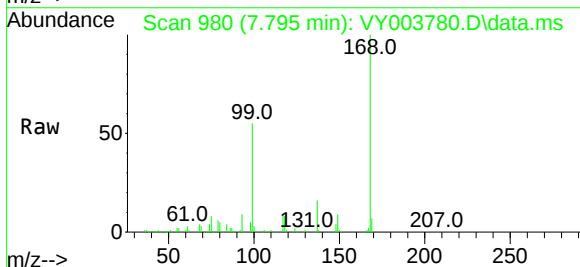
Instrument :
MSVOA_Y
ClientSampled :

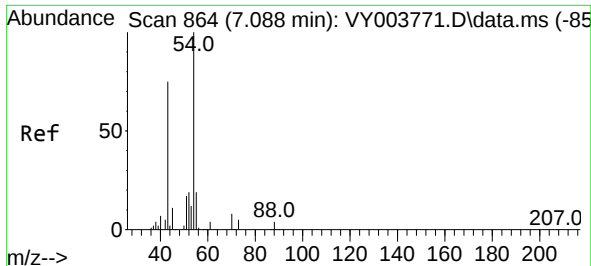
Tgt Ion:113 Resp: 121039
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 21.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 3.92 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

Tgt Ion: 75 Resp: 17041
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.1#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 1.34 ug/l

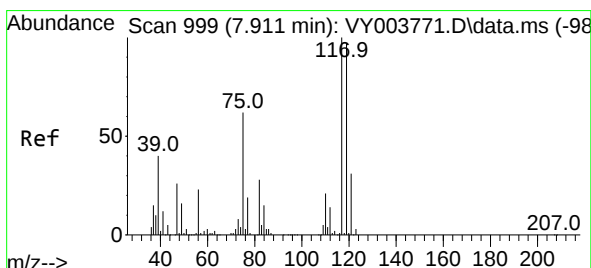
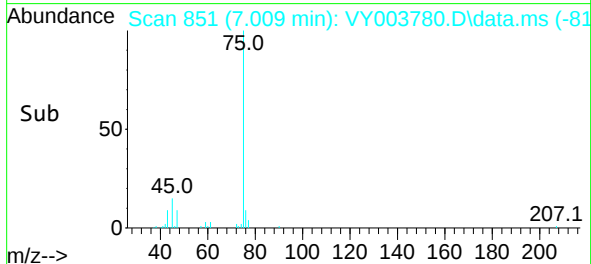
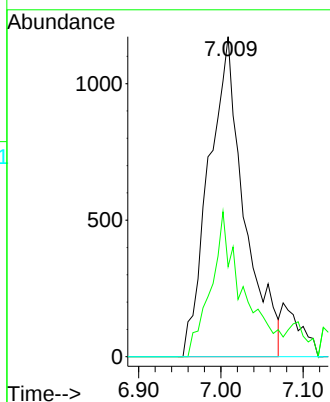
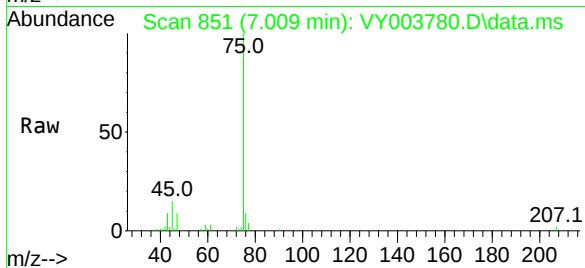
RT: 7.009 min Scan# 851

Delta R.T. -0.079 min

Lab File: VY003780.D

Acq: 15 Dec 2020 17:38

Tgt Ion:	43	Resp:	3518
Ion	Ratio	Lower	Upper
43	100		
61	41.6	11.0	16.4#
70	0.0	8.1	12.1#



#38

Carbon Tetrachloride

Concen: 4.95 ug/l

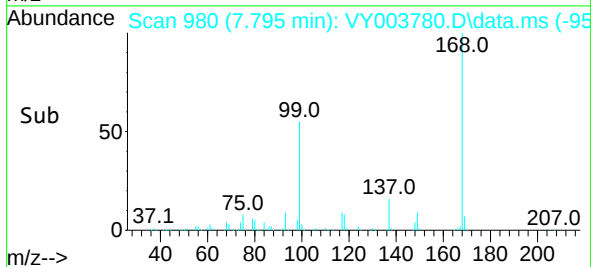
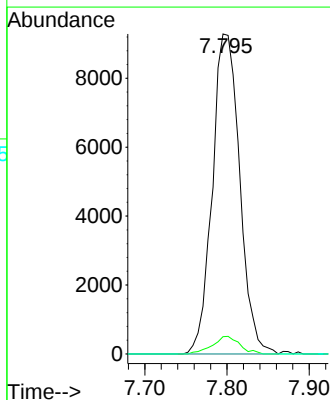
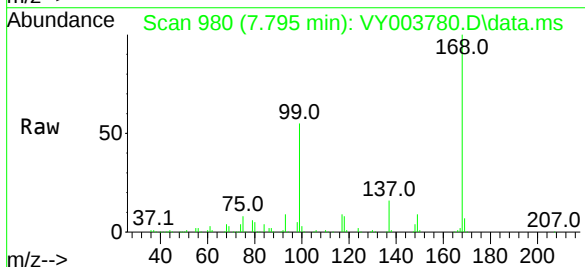
RT: 7.795 min Scan# 980

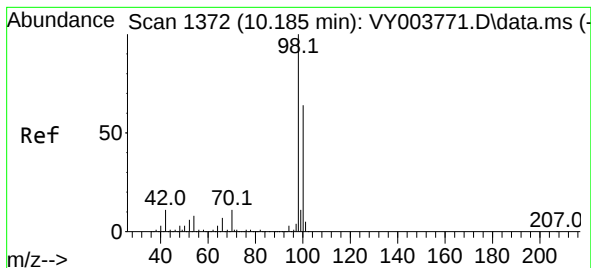
Delta R.T. -0.116 min

Lab File: VY003780.D

Acq: 15 Dec 2020 17:38

Tgt Ion:	117	Resp:	21513
Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.2	115.8#
121	0.0	25.0	37.4#

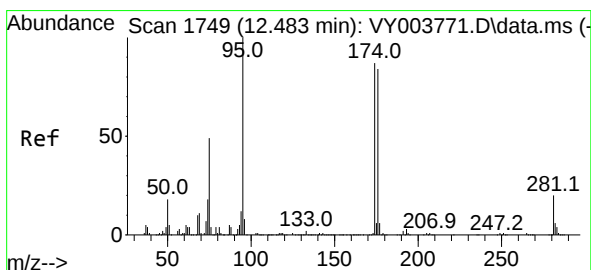
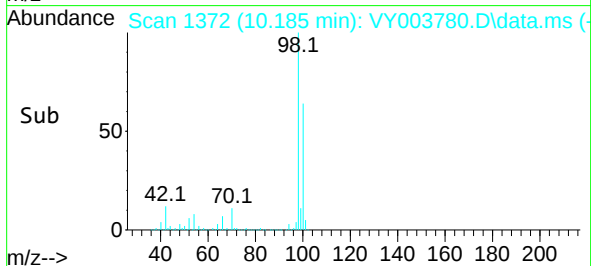
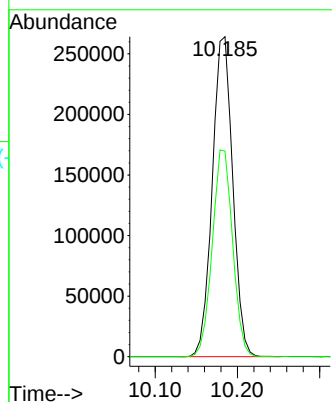
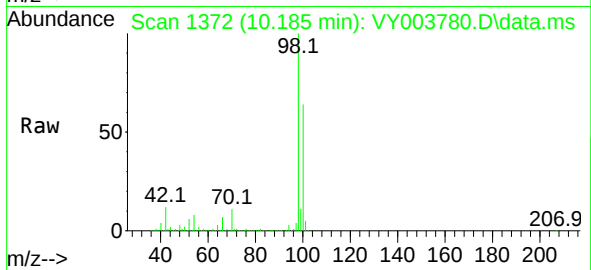




#50
Toluene-d8
Concen: 41.21 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

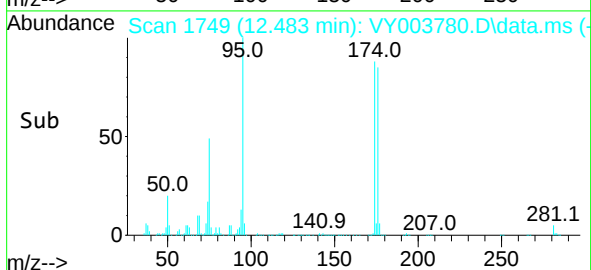
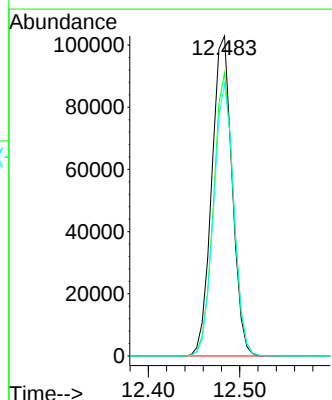
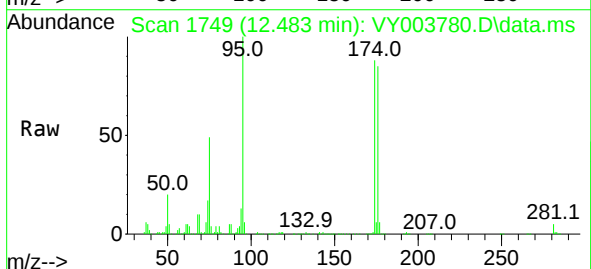
Instrument :
MSVOA_Y
ClientSampled :

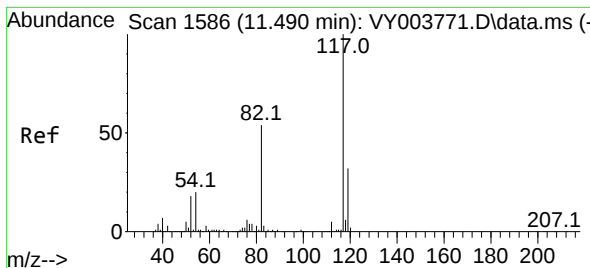
Tgt Ion: 98 Resp: 456657
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 41.75 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

Tgt Ion: 95 Resp: 158979
Ion Ratio Lower Upper
95 100
174 87.1 0.0 170.8
176 84.6 0.0 165.0

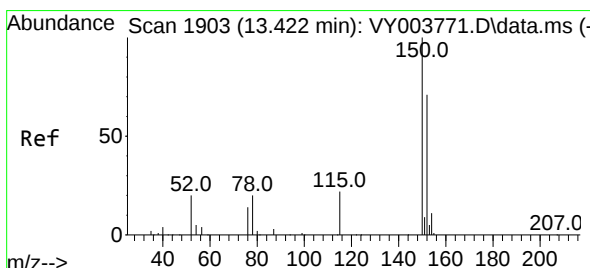
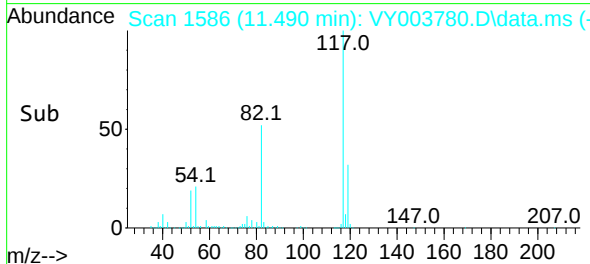
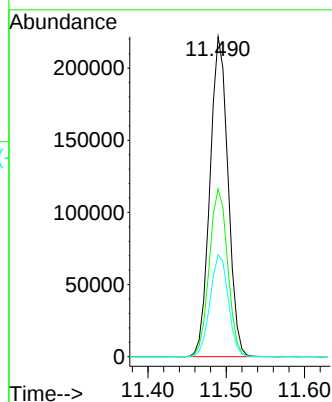
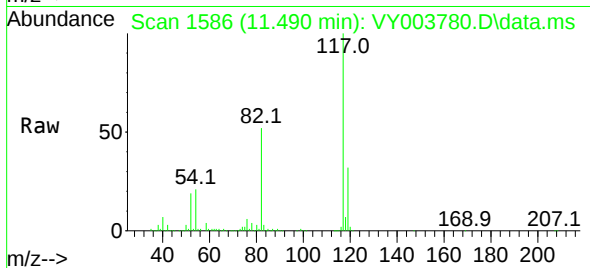




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

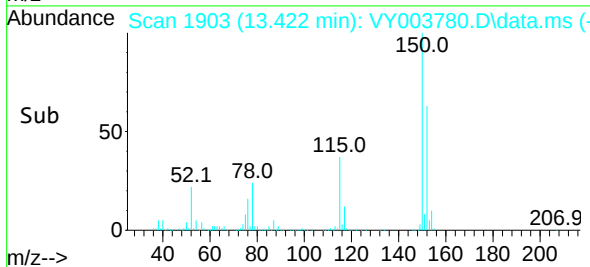
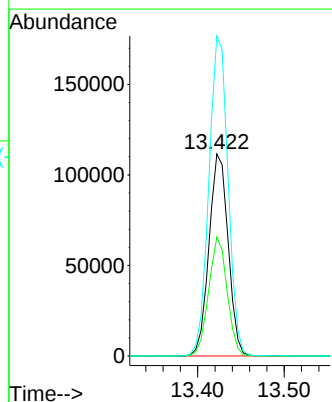
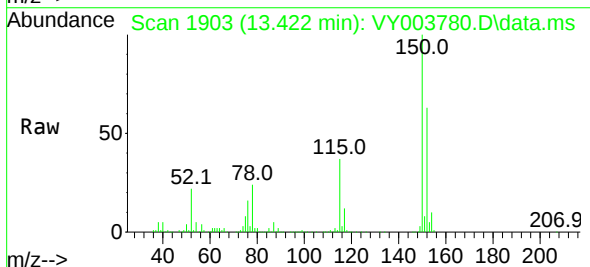
Instrument :
MSVOA_Y
ClientSampleId :

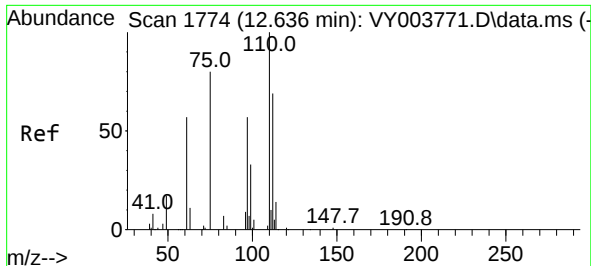
Tgt Ion:117 Resp: 354511
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.6
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

Tgt Ion:152 Resp: 171384
Ion Ratio Lower Upper
152 100
115 56.8 28.0 83.9
150 158.3 0.0 347.6

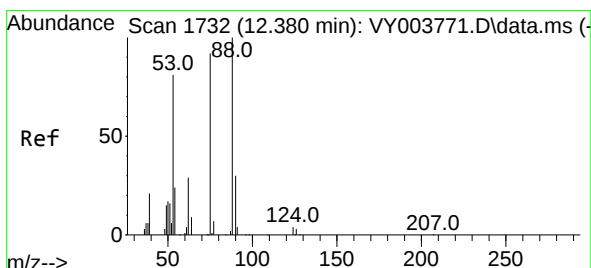
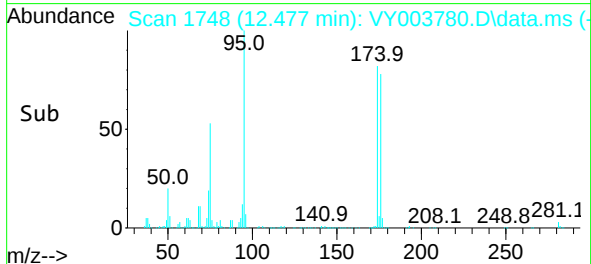
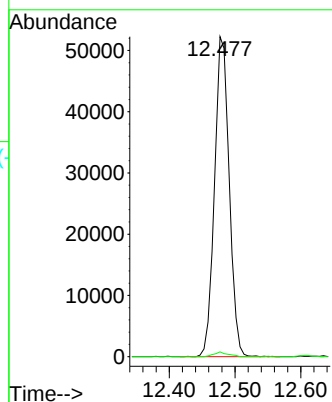
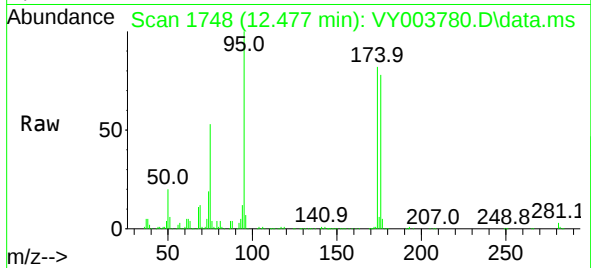




#76
1,2,3-Trichloropropane
Concen: 40.02 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 81259
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.79 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY003780.D
Acq: 15 Dec 2020 17:38

Tgt Ion: 75 Resp: 81259
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.0 0.0 0.0

