

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121520\
 Data File : VY003778.D
 Acq On : 15 Dec 2020 16:52
 Operator : SY/MD
 Sample : L5009-04
 Misc : 2.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 16 05:06:24 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)

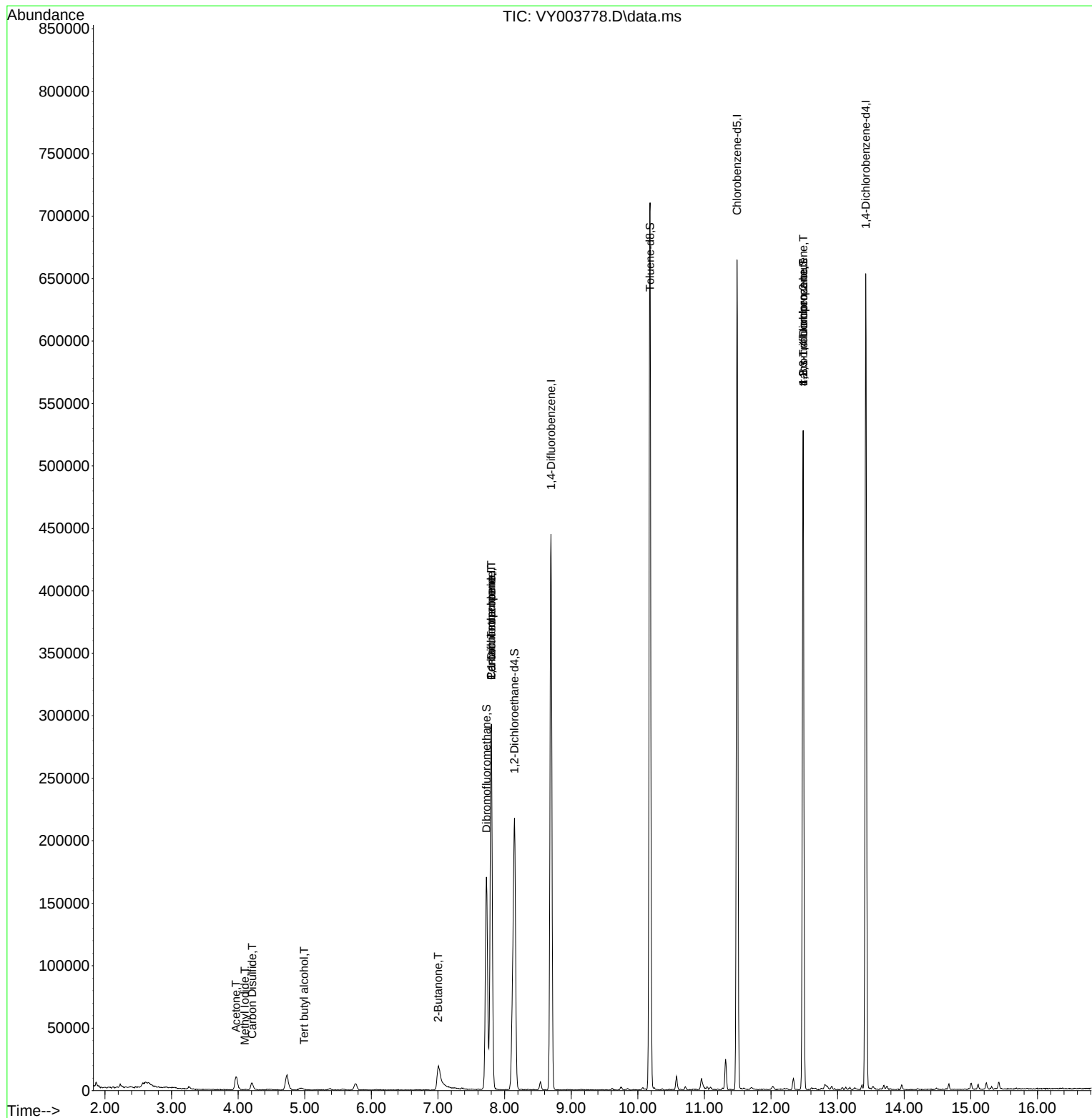
Internal Standards						
1) Pentafluorobenzene	7.801	168	234908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	385266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	354128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169665	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	145106	49.81	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.62%		
35) Dibromofluoromethane	7.728	113	118992	42.70	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.40%		
50) Toluene-d8	10.185	98	459566	41.65	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	83.30%		
62) 4-Bromofluorobenzene	12.483	95	155453	41.01	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	82.02%		
Target Compounds						
5) Bromomethane	2.662	94	408	Below Cal		91
10) Methyl Iodide	4.101	142	361	3.84 ug/l #		59
11) Tert butyl alcohol	4.991	59	853	2.92 ug/l #		81
16) Acetone	3.966	43	19959	29.79 ug/l		96
17) Carbon Disulfide	4.210	76	11336	1.34 ug/l #		93
20) Methylene Chloride	4.735	84	8454	Below Cal		95
25) 2-Butanone	7.003	43	5097	4.71 ug/l		98
36) 1,1-Dichloropropene	7.801	75	16829	3.89 ug/l #		50
38) Carbon Tetrachloride	7.801	117	21844	5.05 ug/l #		15
76) 1,2,3-Trichloropropane	12.483	75	79719	39.66 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	79719	75.11 ug/l #		5

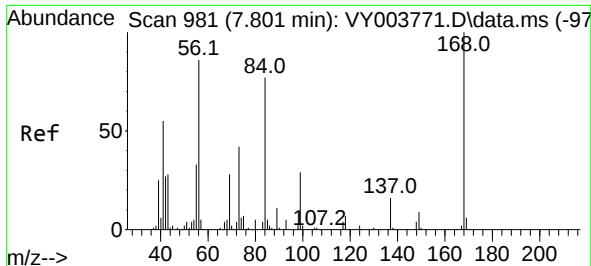
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 16 05:06:24 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

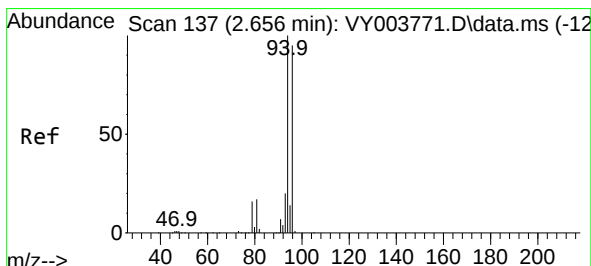
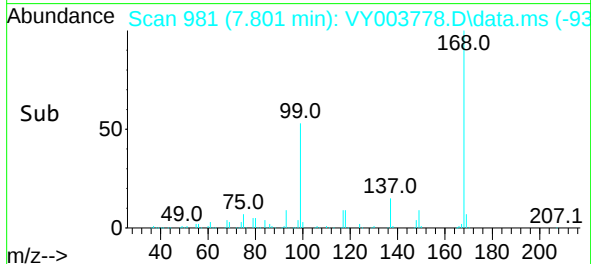
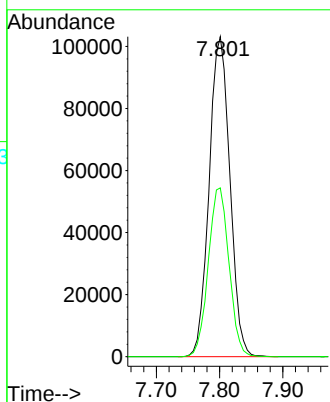
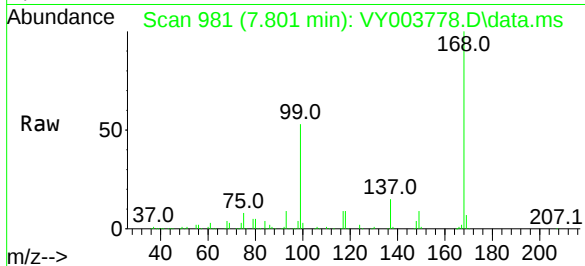




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52

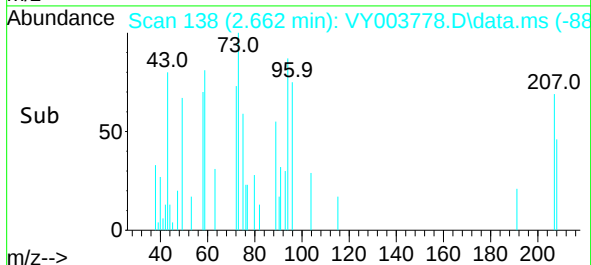
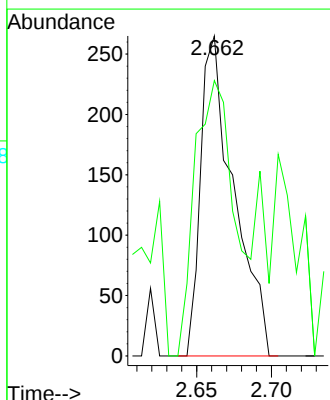
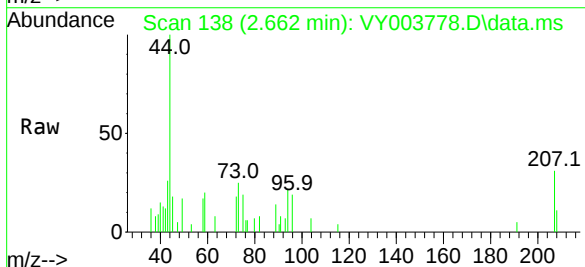
Instrument :
MSVOA_Y
ClientSampled :

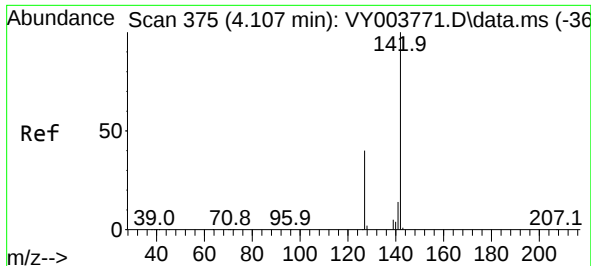
Tgt Ion:168 Resp: 234908
Ion Ratio Lower Upper
168 100
99 52.7 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52

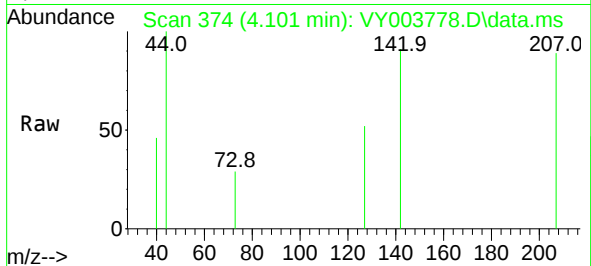
Tgt Ion: 94 Resp: 408
Ion Ratio Lower Upper
94 100
96 86.0 75.9 113.9



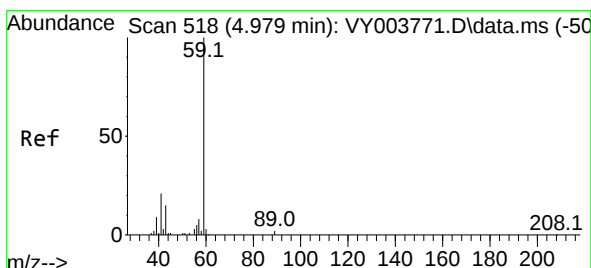
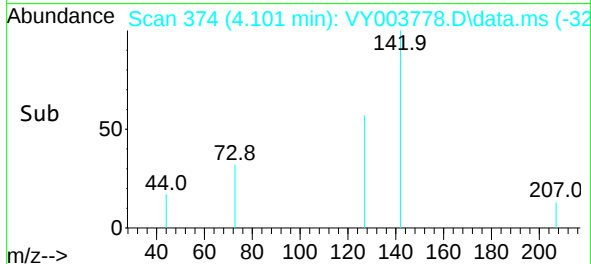
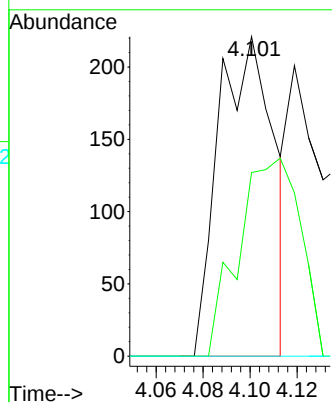


#10
Methyl Iodide
Concen: 3.84 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52

Instrument :
MSVOA_Y
ClientSampled :

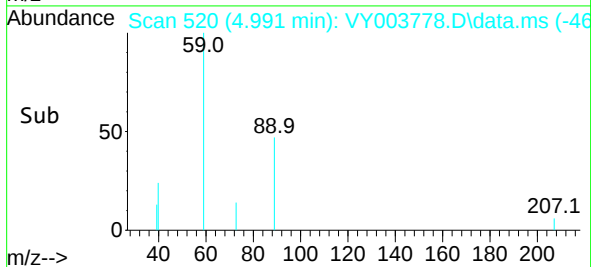
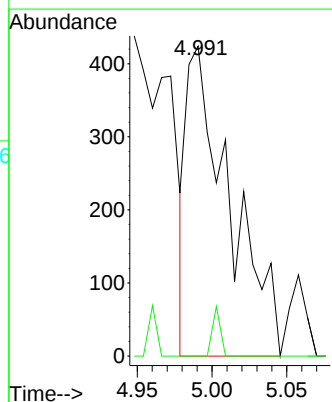
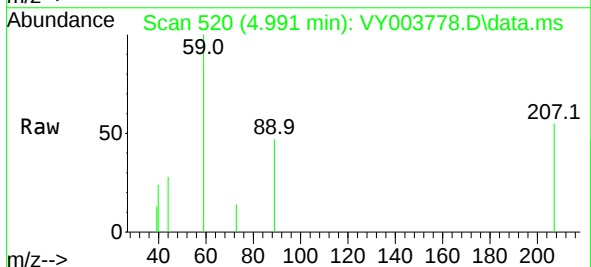


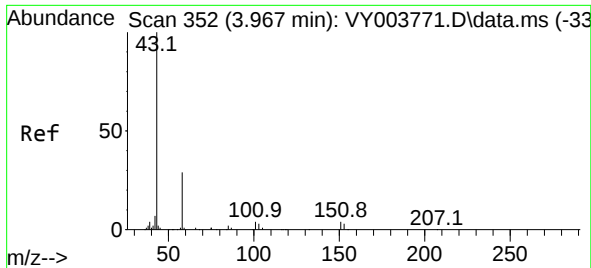
Tgt Ion:142 Resp: 361
Ion Ratio Lower Upper
142 100
127 69.5 33.7 50.5#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 2.92 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.012 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52

Tgt Ion: 59 Resp: 853
Ion Ratio Lower Upper
59 100
57 2.9 8.0 12.0#

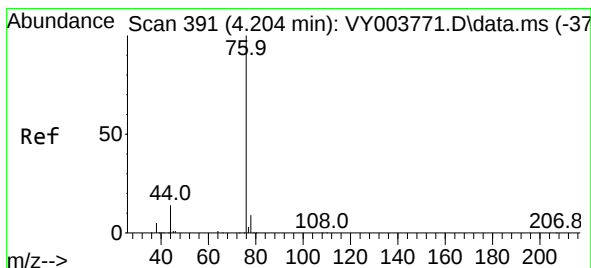
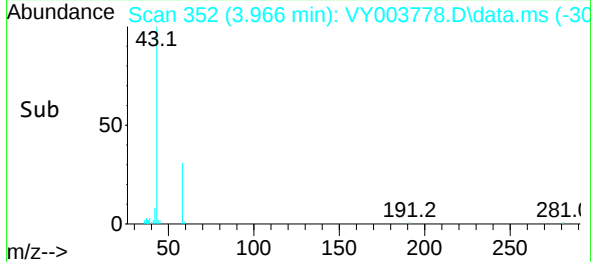
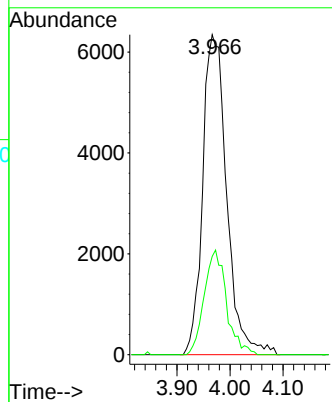
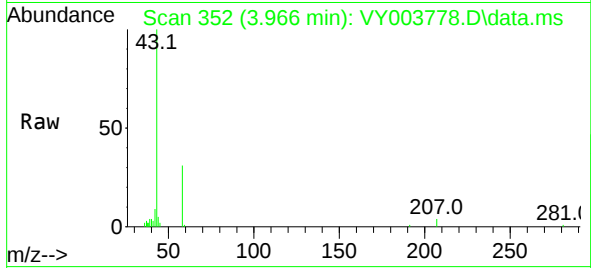




#16
Acetone
Concen: 29.79 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52

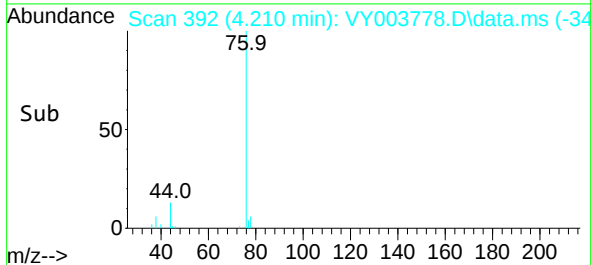
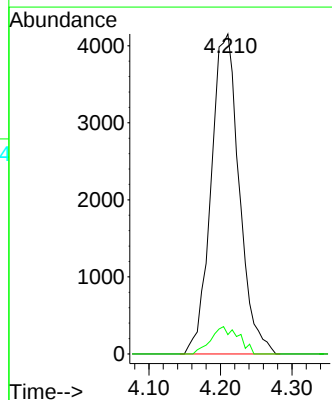
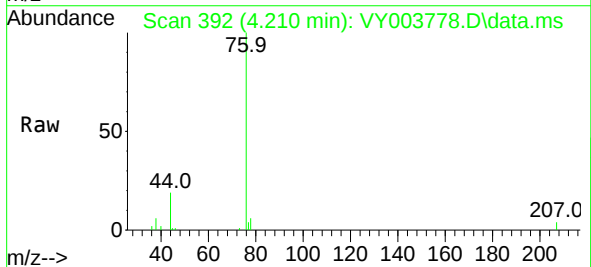
Instrument :
MSVOA_Y
ClientSampled :

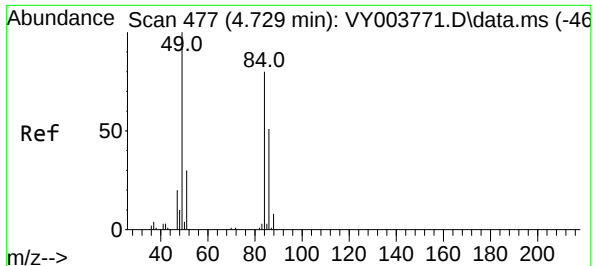
Tgt Ion: 43 Resp: 19959
Ion Ratio Lower Upper
43 100
58 30.7 22.9 34.3



#17
Carbon Disulfide
Concen: 1.34 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52

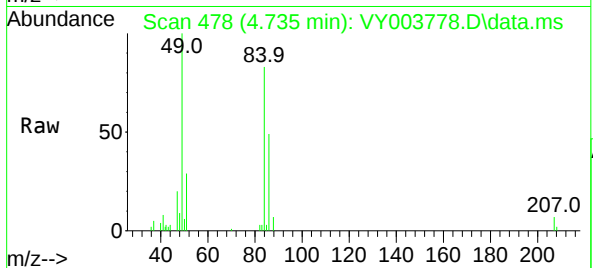
Tgt Ion: 76 Resp: 11336
Ion Ratio Lower Upper
76 100
78 6.0 7.0 10.4#





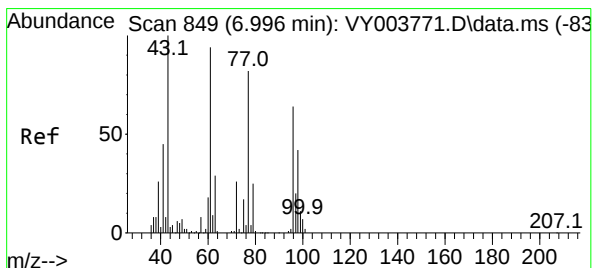
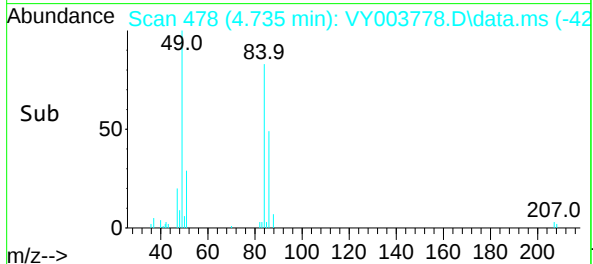
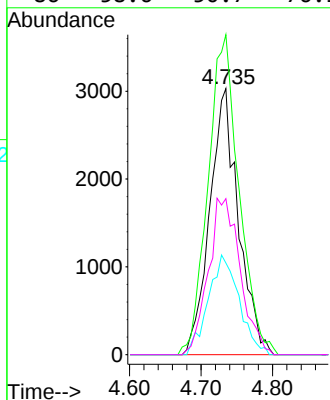
#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 8454

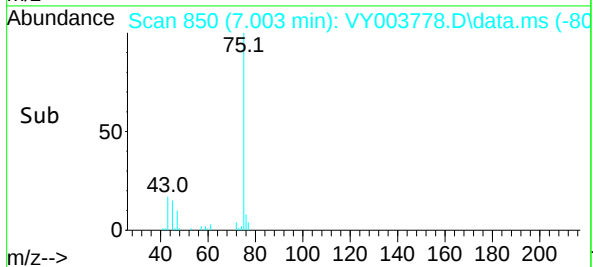
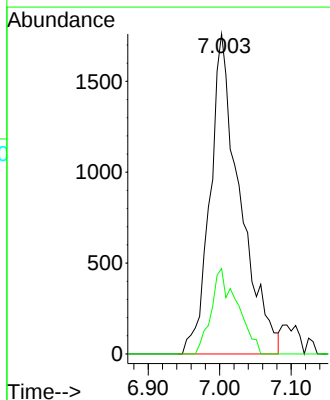
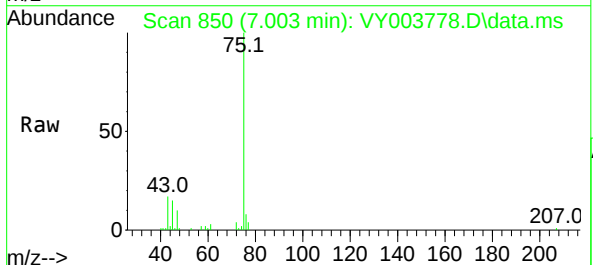
Ion	Ratio	Lower	Upper
84	100		
49	120.2	100.4	150.6
51	34.4	30.3	45.5
86	58.6	50.7	76.1

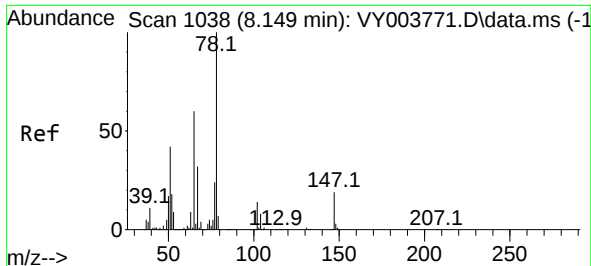


#25
2-Butanone
Concen: 4.71 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52

Tgt Ion: 43 Resp: 5097

Ion	Ratio	Lower	Upper
43	100		
72	26.7	20.5	30.7

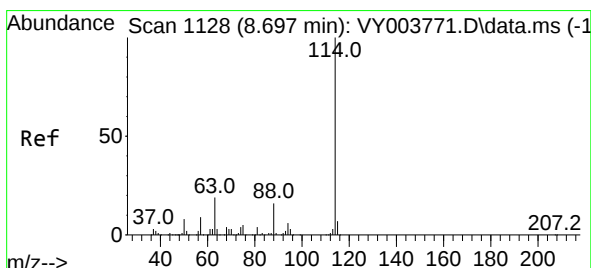
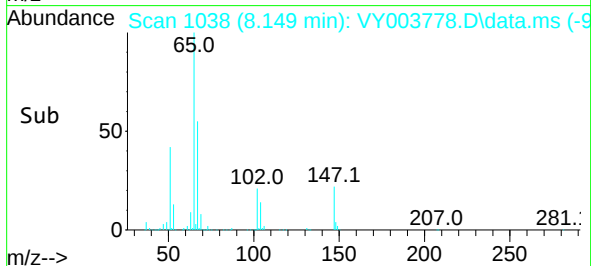
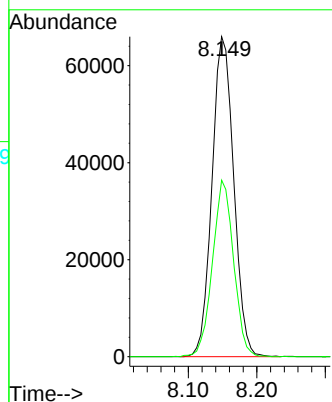
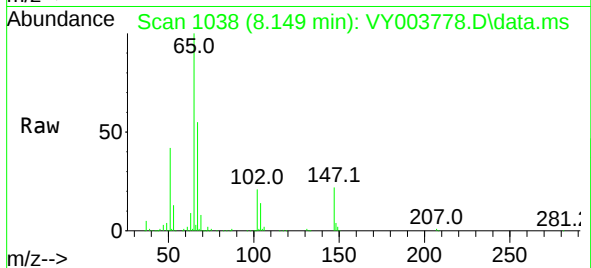




#33
1,2-Dichloroethane-d4
Concen: 49.81 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52

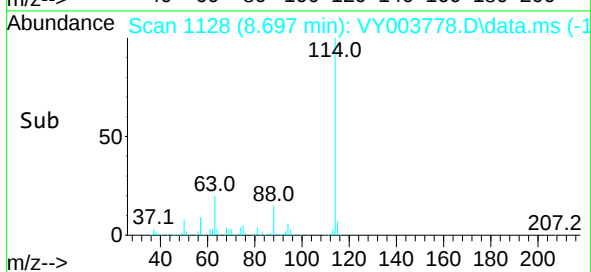
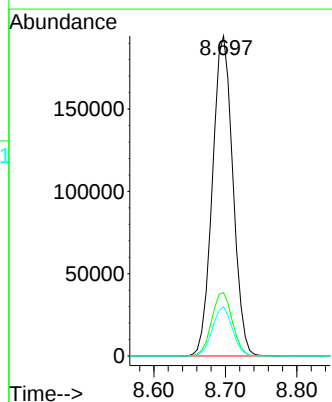
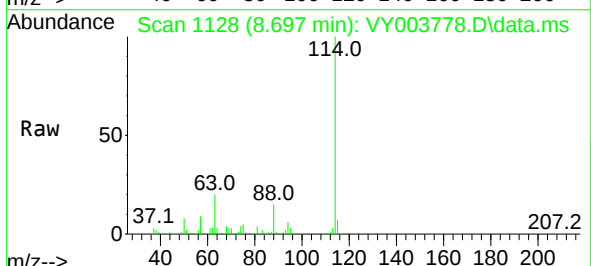
Instrument :
MSVOA_Y
ClientSampleId :

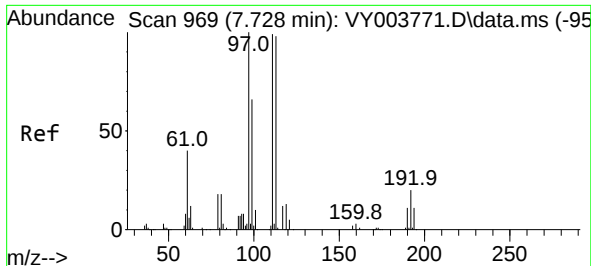
Tgt Ion: 65 Resp: 145106
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52

Tgt Ion: 114 Resp: 385266
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 15.3 0.0 31.8

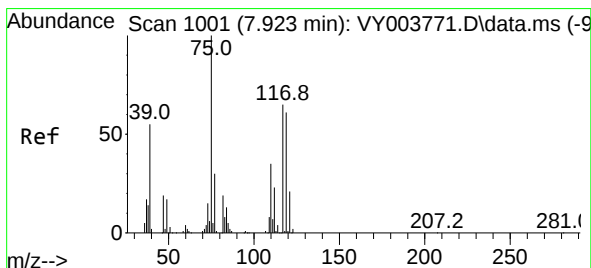
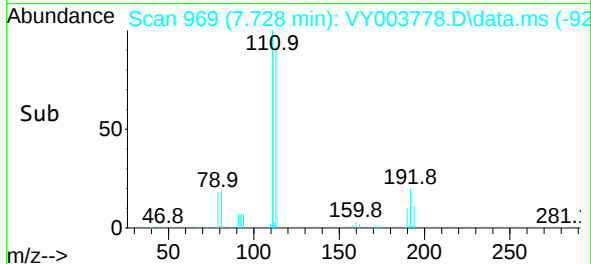
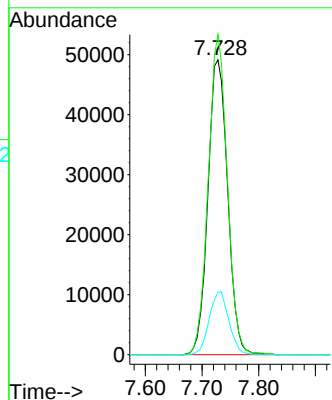
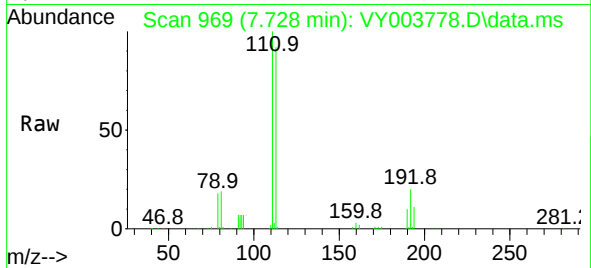




#35
Dibromofluoromethane
Concen: 42.70 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52

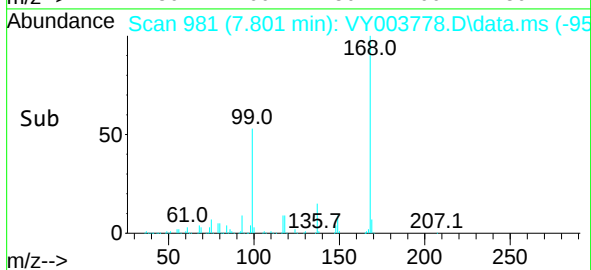
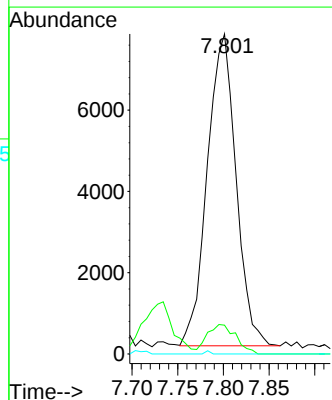
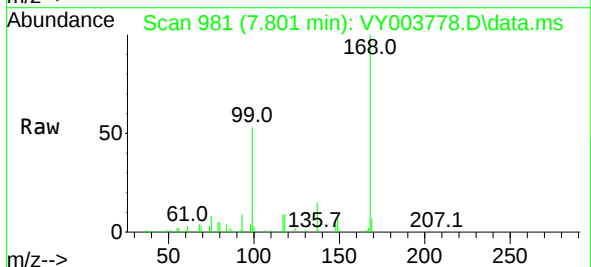
Instrument :
MSVOA_Y
ClientSampleId :

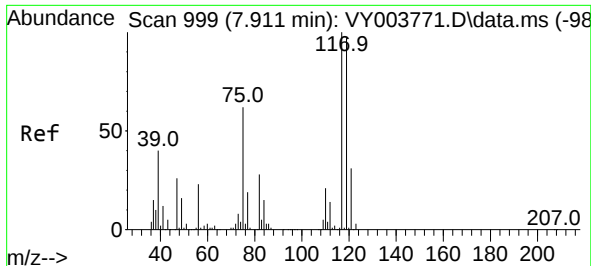
Tgt Ion:113 Resp: 118992
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.2
192 21.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 3.89 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52

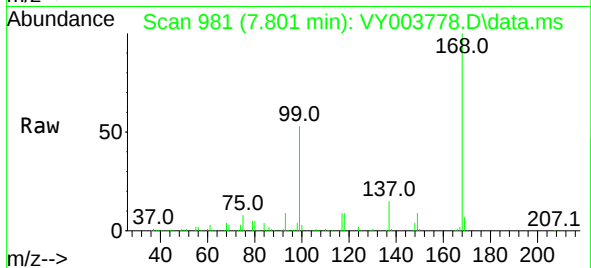
Tgt Ion: 75 Resp: 16829
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.1#
77 0.2 24.6 36.8#



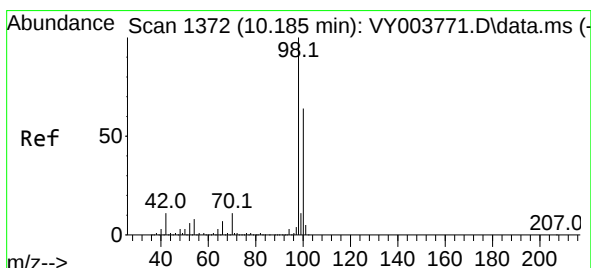
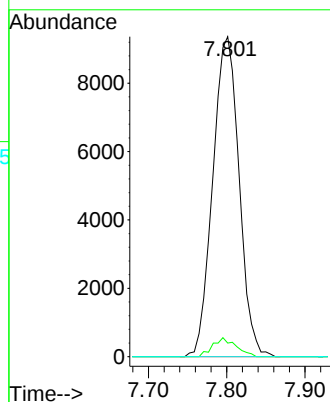
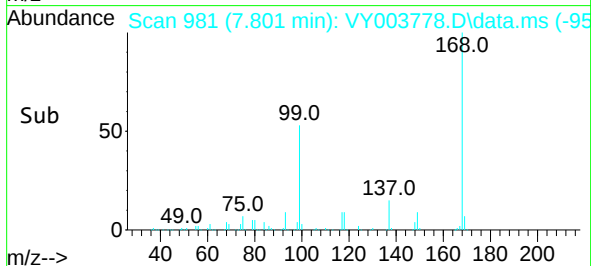


#38
Carbon Tetrachloride
Concen: 5.05 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52

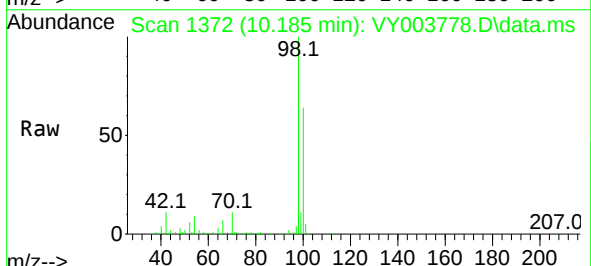
Instrument :
MSVOA_Y
ClientSampleId :



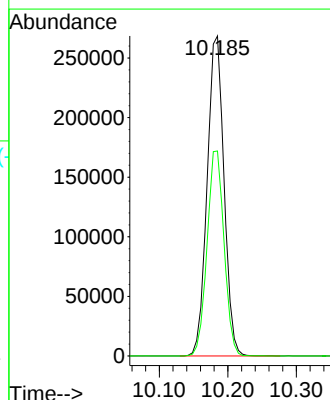
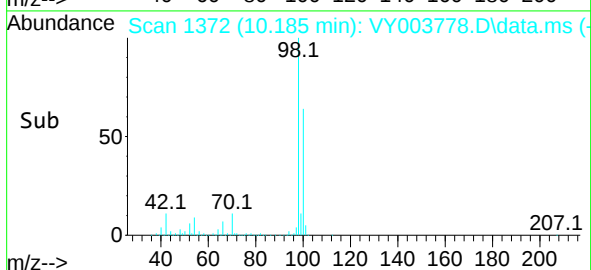
Tgt Ion:117 Resp: 21844
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 25.0 37.4#

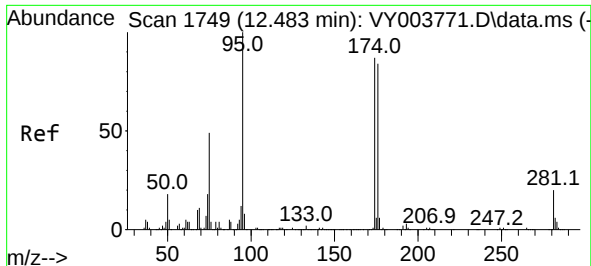


#50
Toluene-d8
Concen: 41.65 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52



Tgt Ion: 98 Resp: 459566
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4

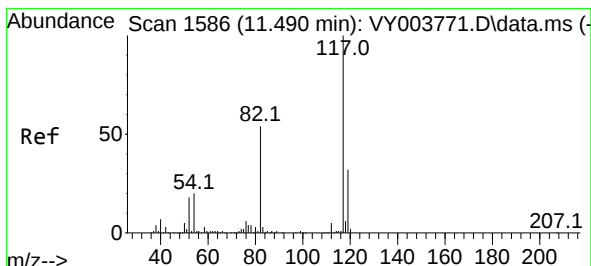
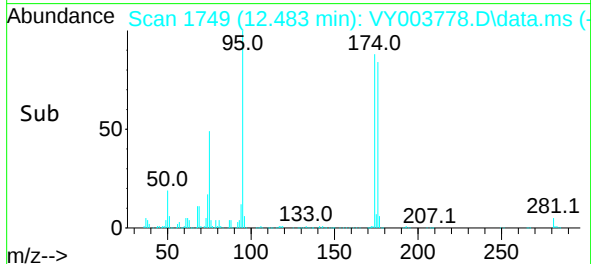
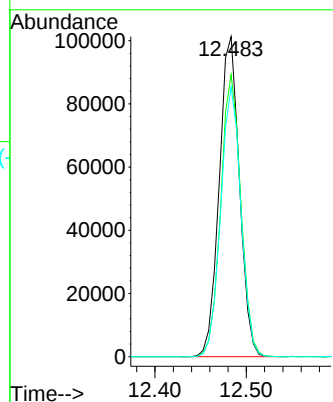
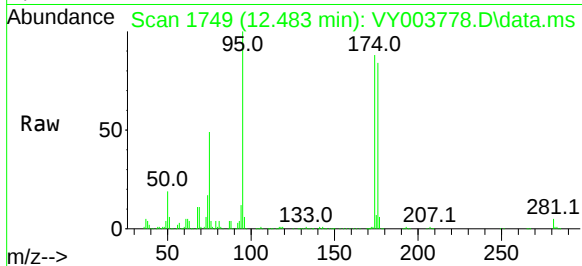




#62
4-Bromofluorobenzene
Concen: 41.01 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52

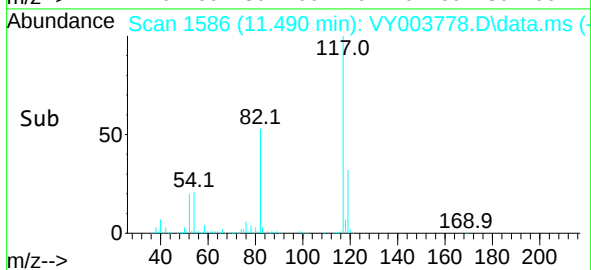
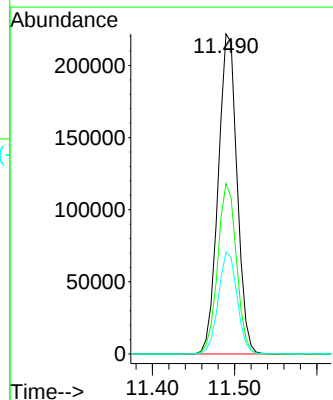
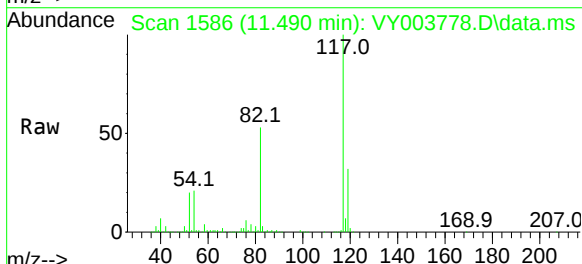
Instrument :
MSVOA_Y
ClientSampleId :

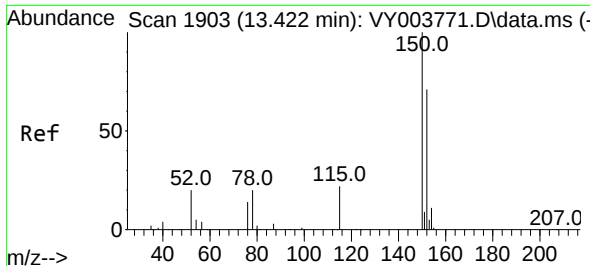
Tgt Ion: 95 Resp: 155453
Ion Ratio Lower Upper
95 100
174 87.9 0.0 170.8
176 84.4 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003778.D
Acq: 15 Dec 2020 16:52

Tgt Ion: 117 Resp: 354128
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.6
119 31.9 25.7 38.5

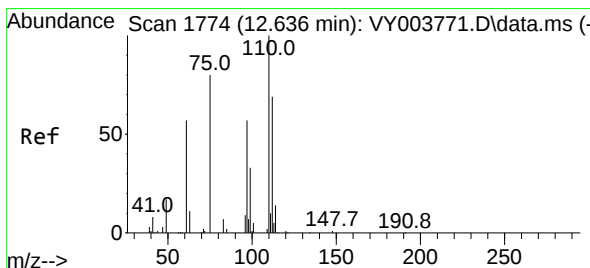
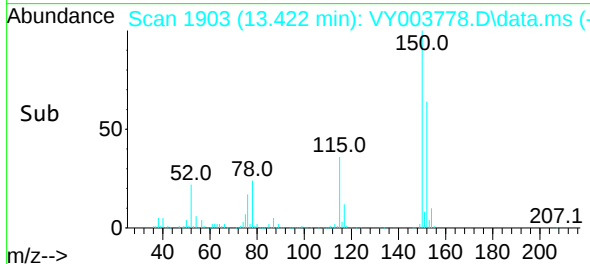
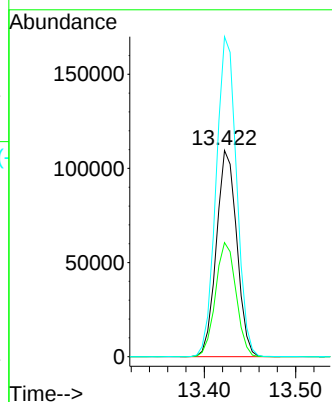
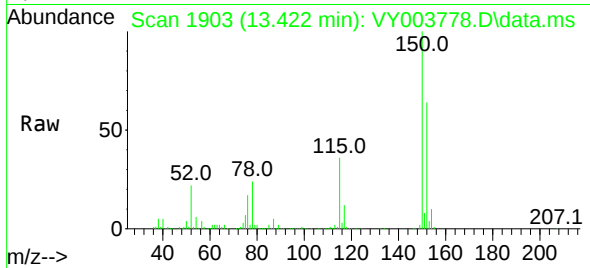




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY003778.D
 Acq: 15 Dec 2020 16:52

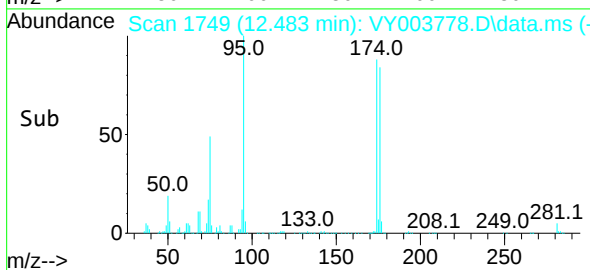
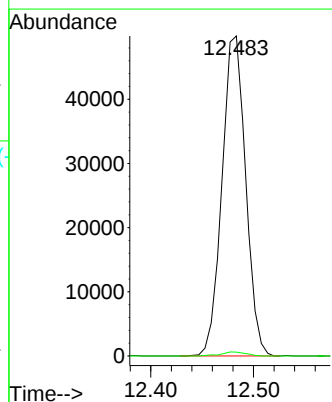
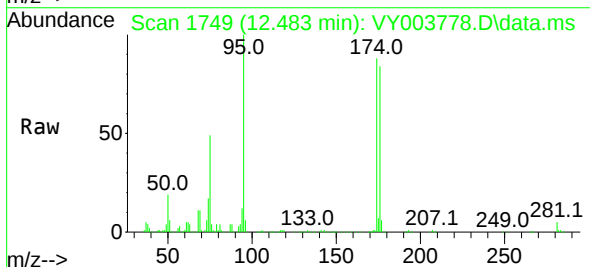
Instrument :
 MSVOA_Y
 ClientSampleId :

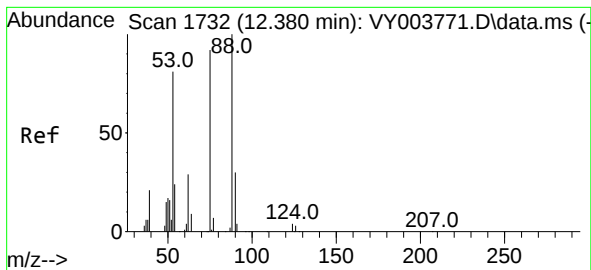
Tgt Ion:152 Resp: 169665
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.0 83.9
 150 156.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.66 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY003778.D
 Acq: 15 Dec 2020 16:52

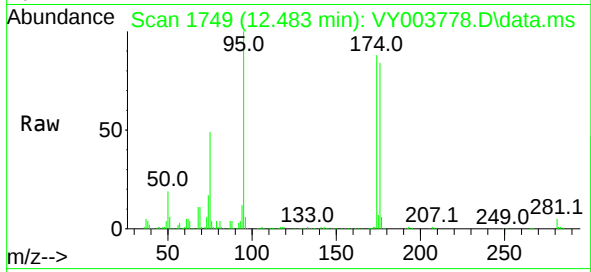
Tgt Ion: 75 Resp: 79719
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.11 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY003778.D
 Acq: 15 Dec 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 79719
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.4 105.6#
 89 0.1 0.0 0.0#

