

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121520\
 Data File : VY003779.D
 Acq On : 15 Dec 2020 17:15
 Operator : SY/MD
 Sample : L5009-05
 Misc : 2.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 16 05:06:42 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)

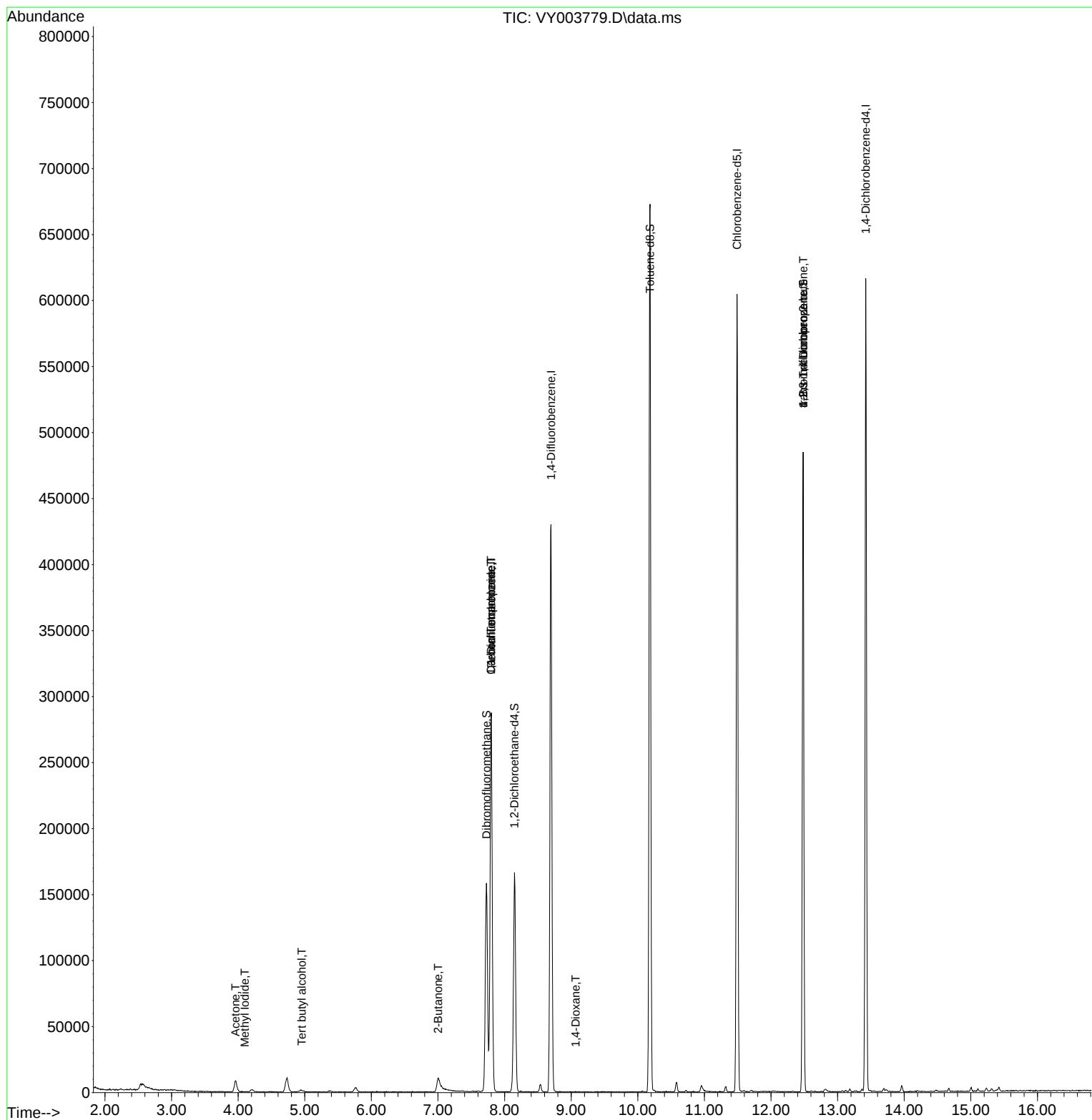
Internal Standards						
1) Pentafluorobenzene	7.801	168	226942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	369317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	327402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124192	44.13	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.26%
35) Dibromofluoromethane	7.728	113	110992	41.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.10%
50) Toluene-d8	10.185	98	438300	41.44	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.88%
62) 4-Bromofluorobenzene	12.483	95	140919	38.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.56%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	303	Below Cal		98
10) Methyl Iodide	4.101	142	442	3.87 ug/l #		49
11) Tert butyl alcohol	4.954	59	1480	5.24 ug/l #		73
16) Acetone	3.960	43	14585	22.53 ug/l		94
20) Methylene Chloride	4.722	84	7738	Below Cal #		94
25) 2-Butanone	7.002	43	2210	2.11 ug/l		98
36) 1,1-Dichloropropene	7.795	75	17037	4.10 ug/l #		49
38) Carbon Tetrachloride	7.795	117	20829	5.02 ug/l #		16
49) 1,4-Dioxane	9.069	88	44	1.95 ug/l #		1
76) 1,2,3-Trichloropropane	12.483	75	72215	39.94 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	72215	75.63 ug/l #		5

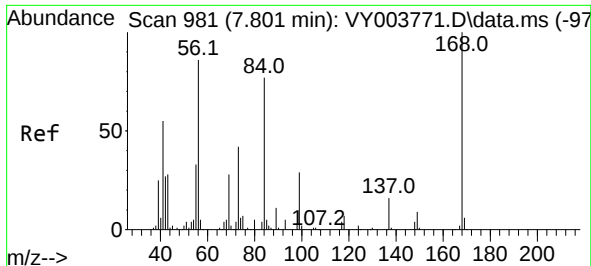
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 05:06:42 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

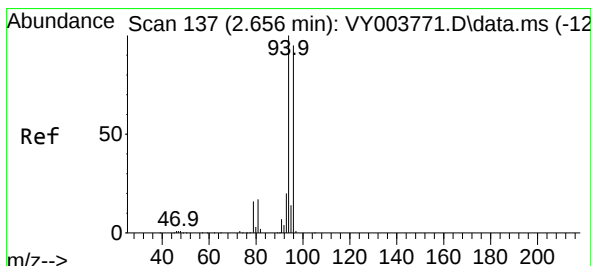
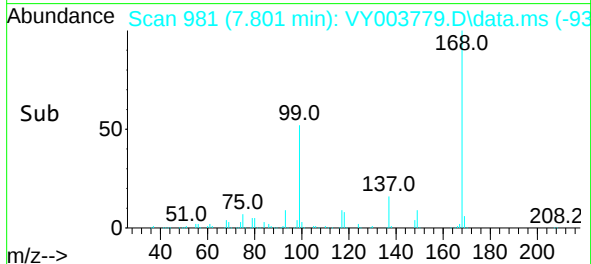
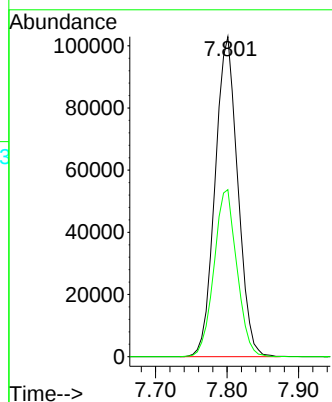
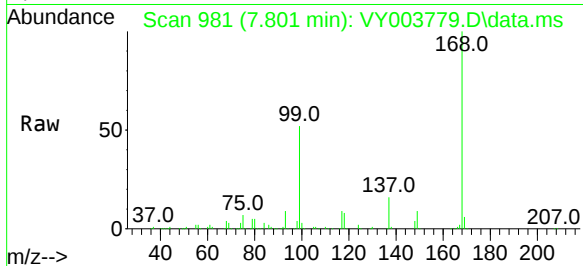




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003779.D
Acq: 15 Dec 2020 17:15

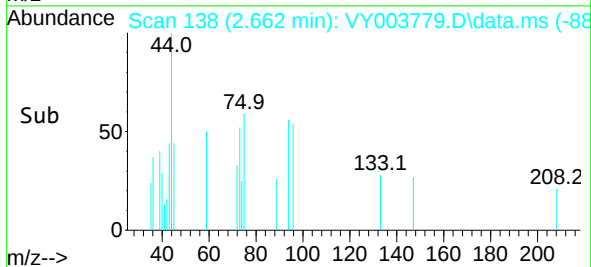
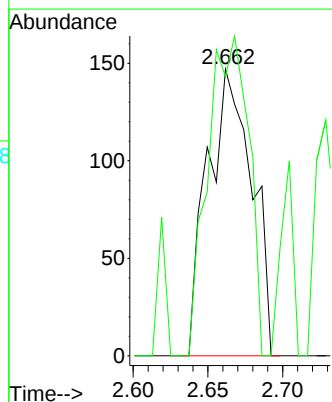
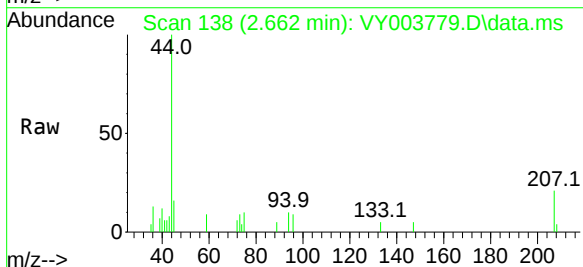
Instrument :
MSVOA_Y
ClientSampleId :

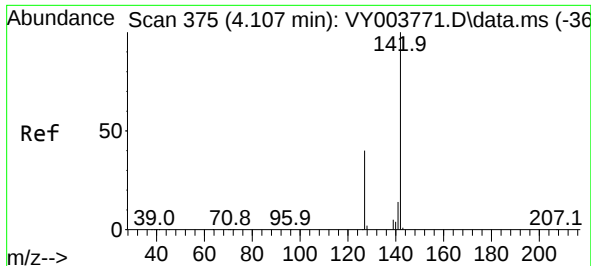
Tgt Ion:168 Resp: 226942
Ion Ratio Lower Upper
168 100
99 52.2 41.9 62.9



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY003779.D
Acq: 15 Dec 2020 17:15

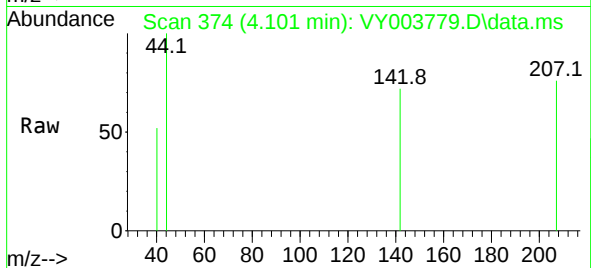
Tgt Ion: 94 Resp: 303
Ion Ratio Lower Upper
94 100
96 97.3 75.9 113.9



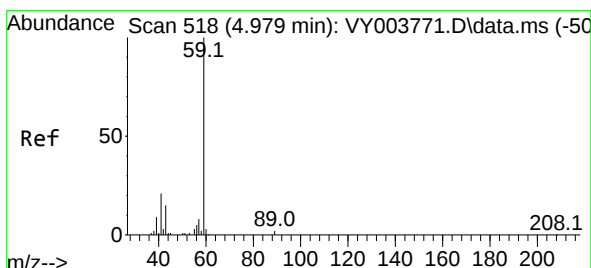
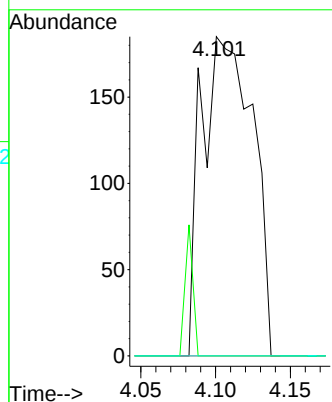
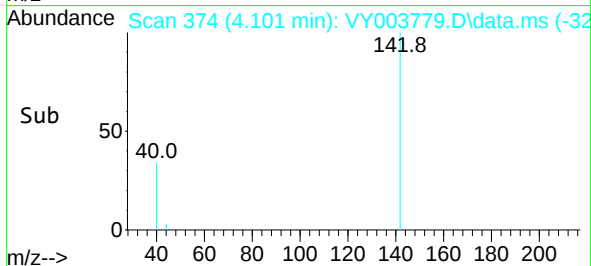


#10
Methyl Iodide
Concen: 3.87 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY003779.D
Acq: 15 Dec 2020 17:15

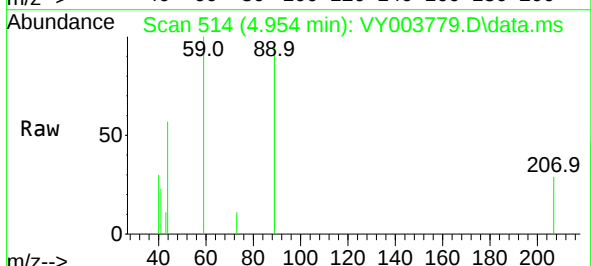
Instrument :
MSVOA_Y
ClientSampled :



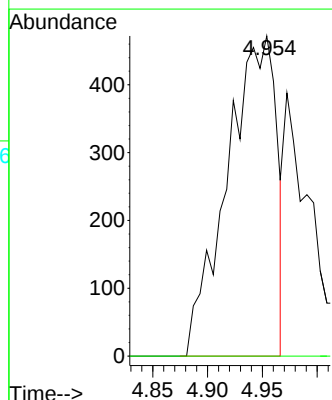
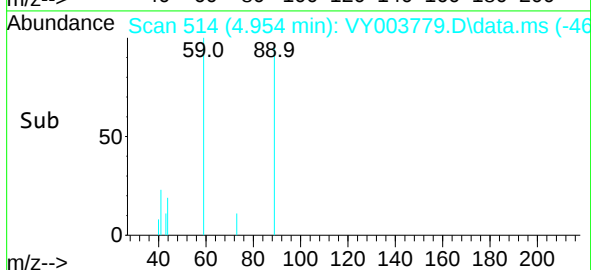
Tgt Ion:142 Resp: 442
Ion Ratio Lower Upper
142 100
127 6.3 33.7 50.5#
141 0.0 11.4 17.2#

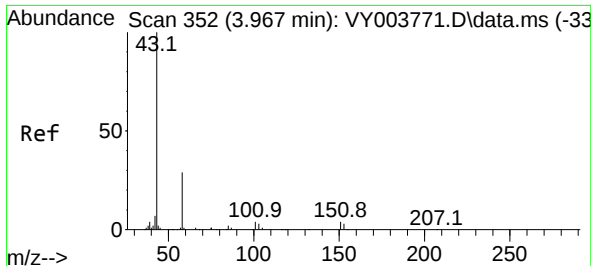


#11
Tert butyl alcohol
Concen: 5.24 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.025 min
Lab File: VY003779.D
Acq: 15 Dec 2020 17:15



Tgt Ion: 59 Resp: 1480
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

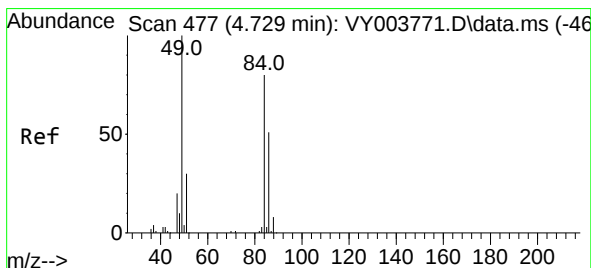
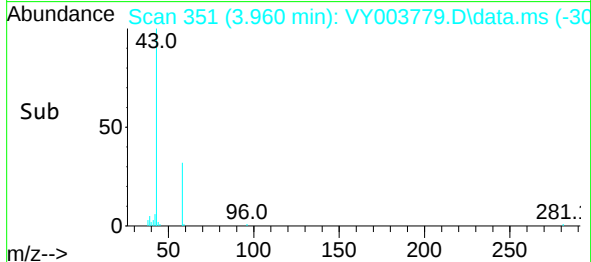
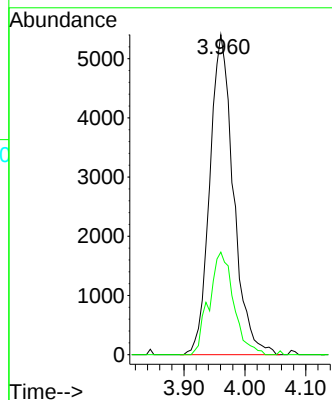
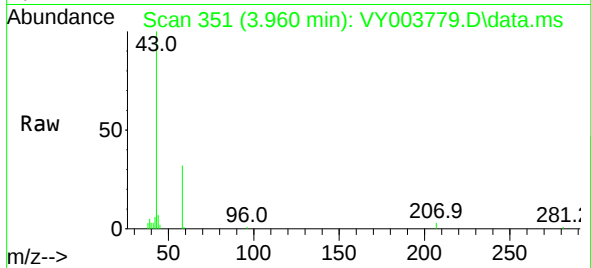




#16
Acetone
Concen: 22.53 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY003779.D
Acq: 15 Dec 2020 17:15

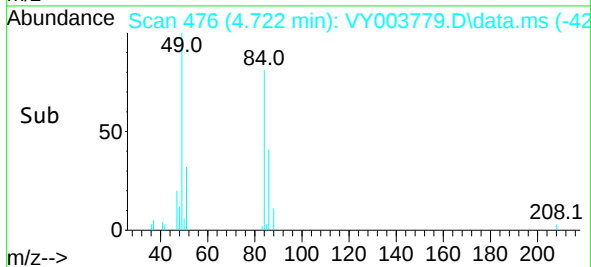
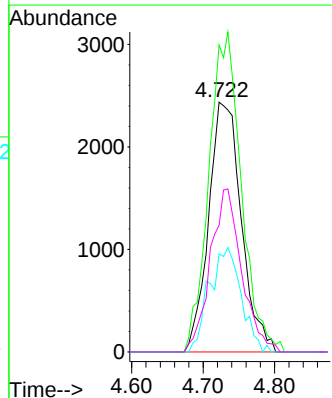
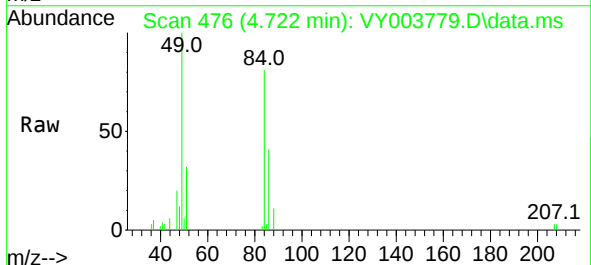
Instrument :
MSVOA_Y
ClientSampled :

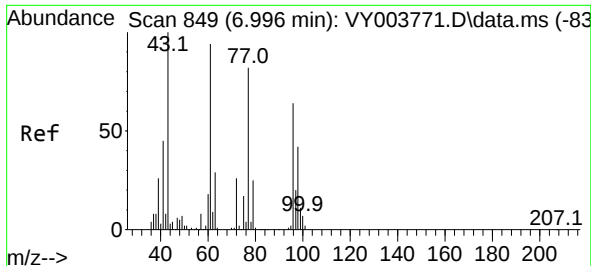
Tgt Ion: 43 Resp: 14585
Ion Ratio Lower Upper
43 100
58 32.0 22.9 34.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY003779.D
Acq: 15 Dec 2020 17:15

Tgt Ion: 84 Resp: 7738
Ion Ratio Lower Upper
84 100
49 122.9 100.4 150.6
51 39.2 30.3 45.5
86 50.7 50.7 76.1#





#25

2-Butanone

Concen: 2.11 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY003779.D

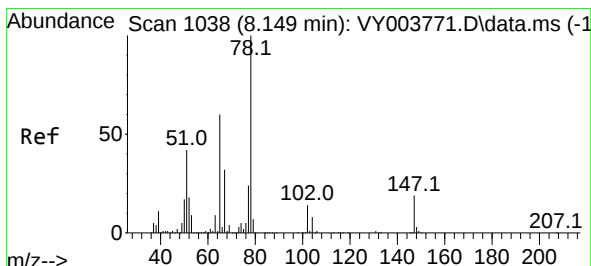
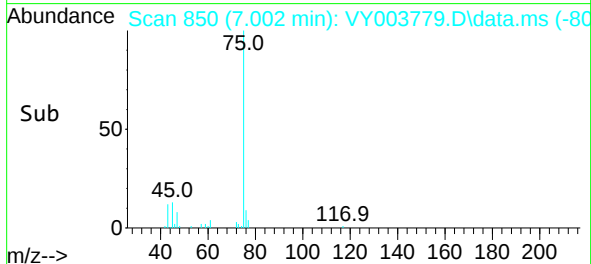
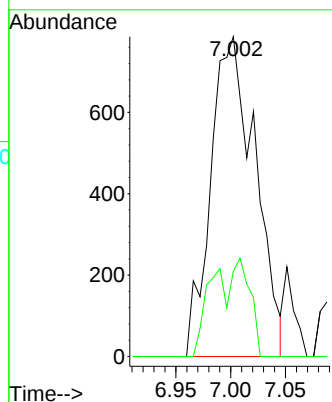
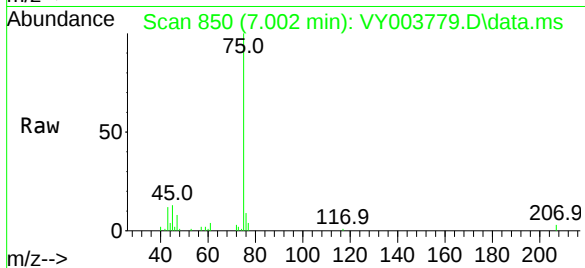
Acq: 15 Dec 2020 17:15

Tgt Ion: 43 Resp: 2210

Ion Ratio Lower Upper

43 100

72 26.6 20.5 30.7



#33

1,2-Dichloroethane-d4

Concen: 44.13 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY003779.D

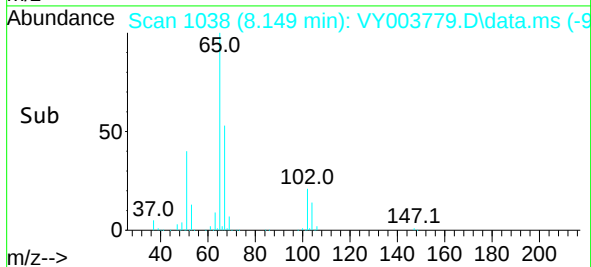
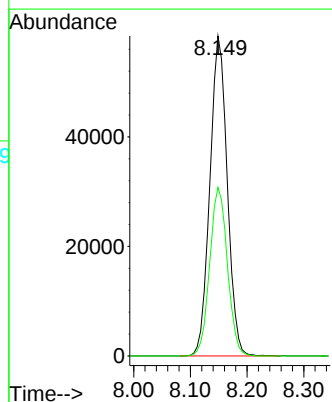
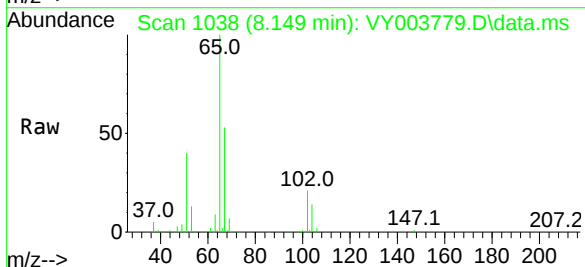
Acq: 15 Dec 2020 17:15

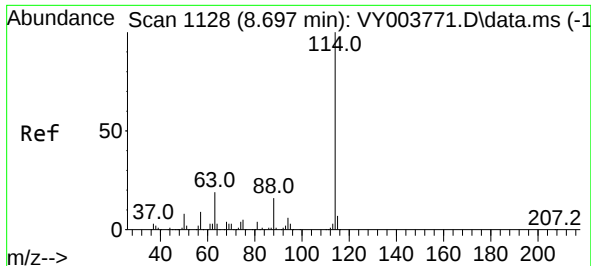
Tgt Ion: 65 Resp: 124192

Ion Ratio Lower Upper

65 100

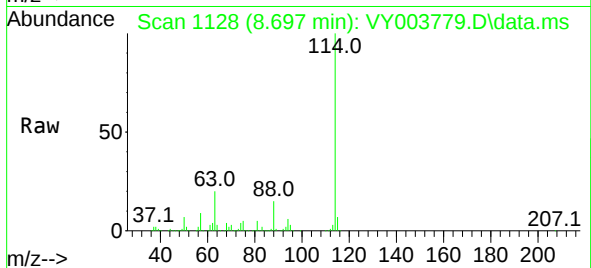
67 53.7 0.0 107.6



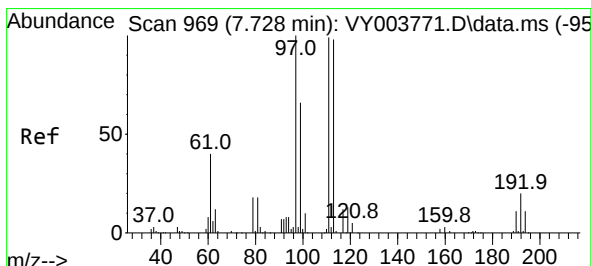
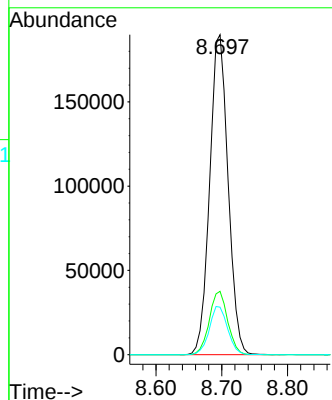
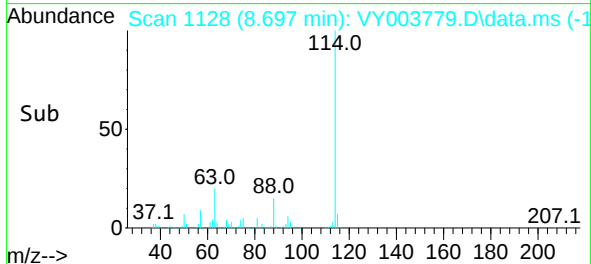


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY003779.D
Acq: 15 Dec 2020 17:15

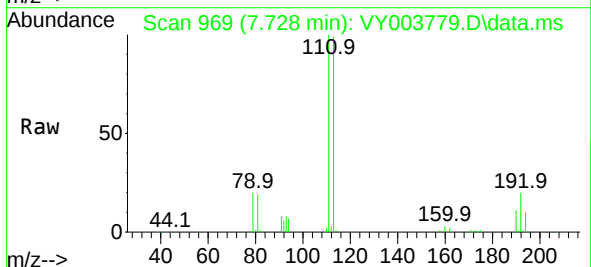
Instrument :
MSVOA_Y
ClientSampleId :



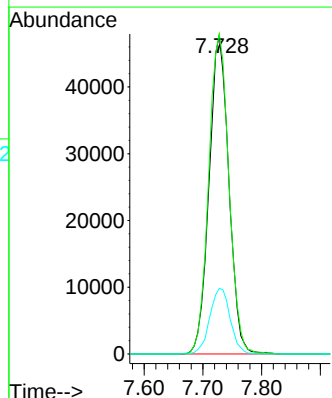
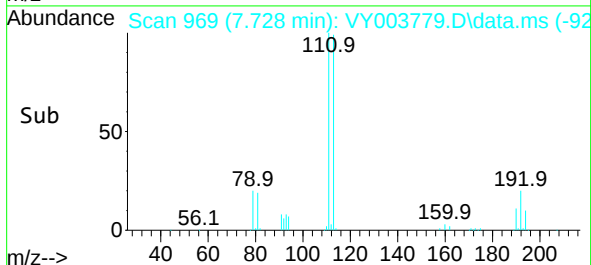
Tgt Ion:114 Resp: 369317
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 14.9 0.0 31.8

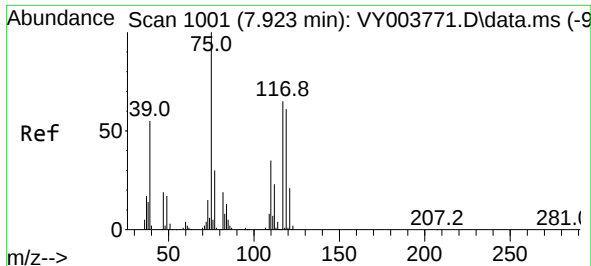


#35
Dibromofluoromethane
Concen: 41.55 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY003779.D
Acq: 15 Dec 2020 17:15



Tgt Ion:113 Resp: 110992
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 21.3 16.7 25.1

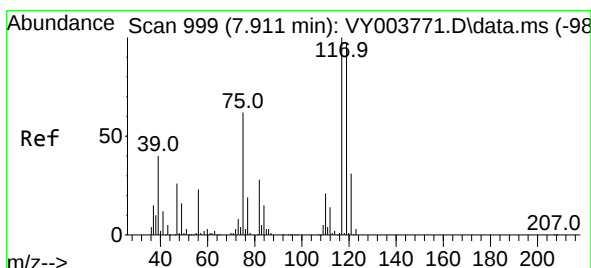
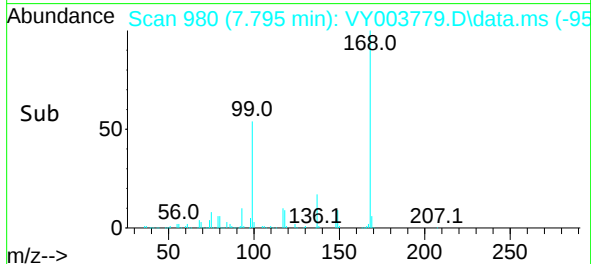
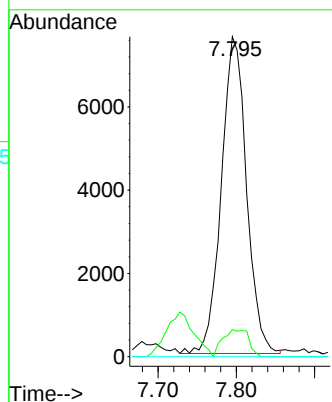
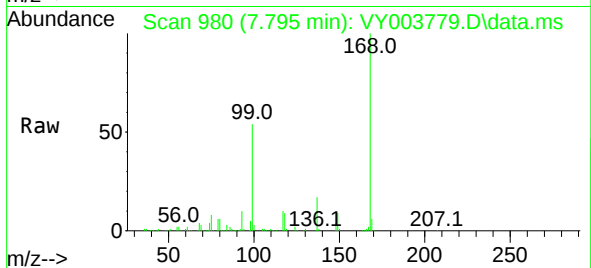




#36
1,1-Dichloropropene
Concen: 4.10 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY003779.D
Acq: 15 Dec 2020 17:15

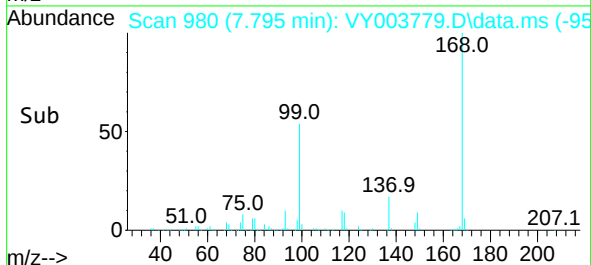
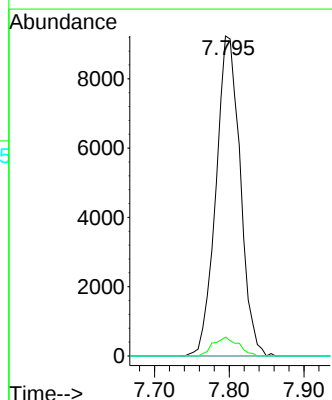
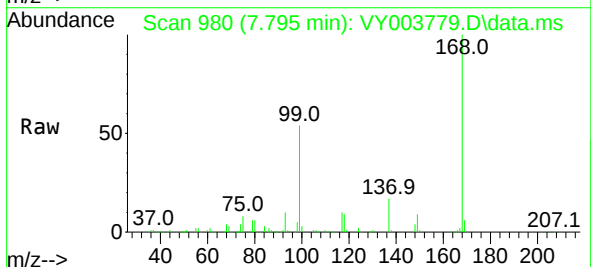
Instrument :
MSVOA_Y
ClientSampleId :

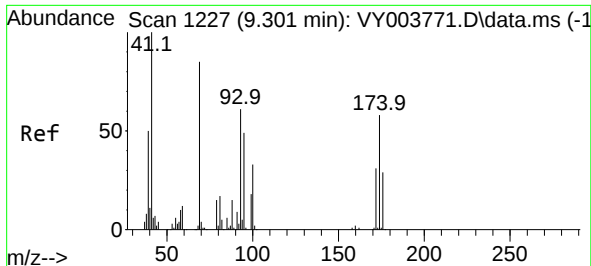
Tgt Ion: 75 Resp: 17037
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.1#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.02 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY003779.D
Acq: 15 Dec 2020 17:15

Tgt Ion: 117 Resp: 20829
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.0 37.4#

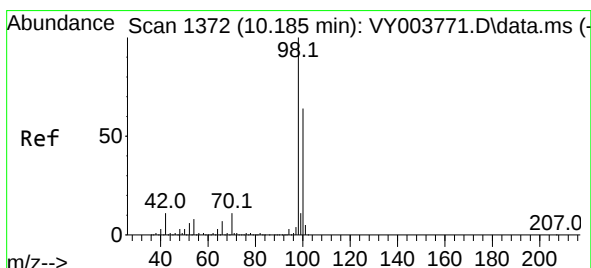
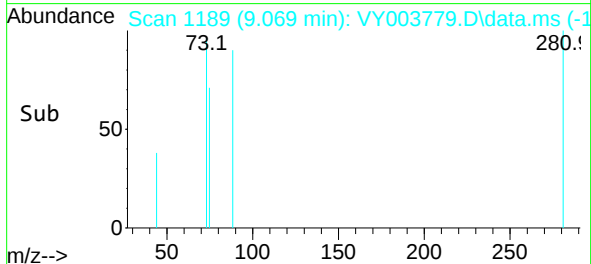
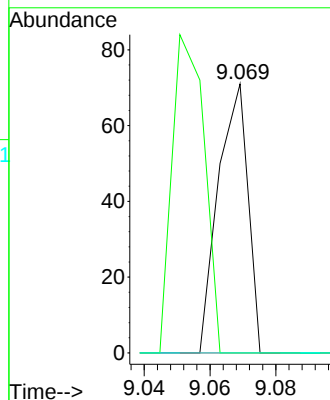
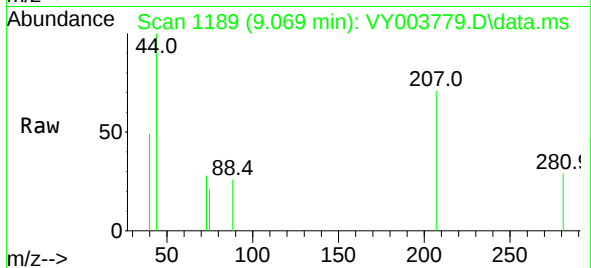




#49
1,4-Dioxane
Concen: 1.95 ug/l
RT: 9.069 min Scan# 1189
Delta R.T. -0.232 min
Lab File: VY003779.D
Acq: 15 Dec 2020 17:15

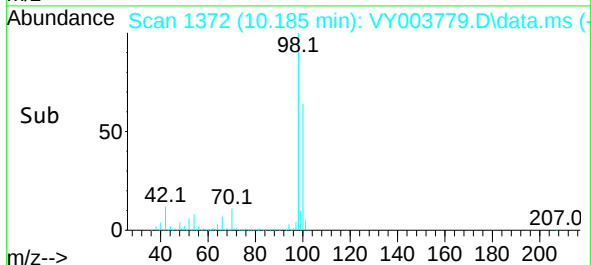
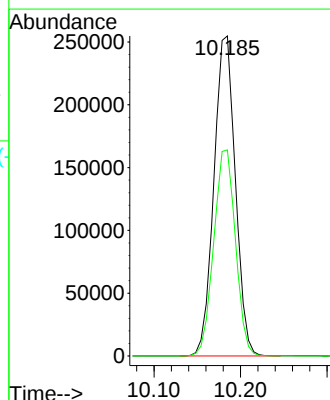
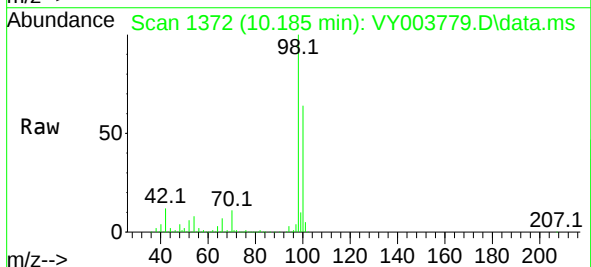
Instrument :
MSVOA_Y
ClientSampleId :

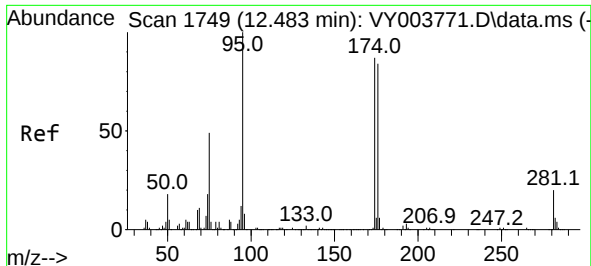
Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 129.5 26.9 40.3#
58 0.0 57.0 85.6#



#50
Toluene-d8
Concen: 41.44 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY003779.D
Acq: 15 Dec 2020 17:15

Tgt Ion: 98 Resp: 438300
Ion Ratio Lower Upper
98 100
100 65.3 51.6 77.4

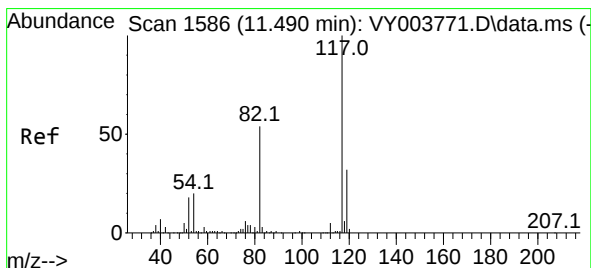
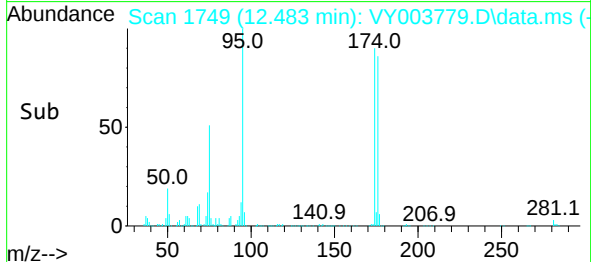
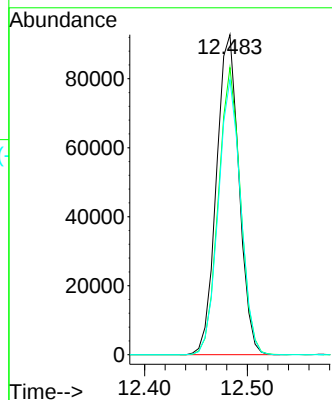
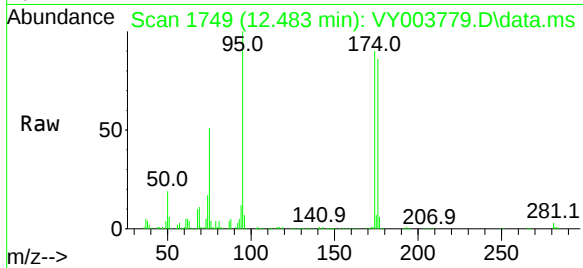




#62
4-Bromofluorobenzene
Concen: 38.78 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003779.D
Acq: 15 Dec 2020 17:15

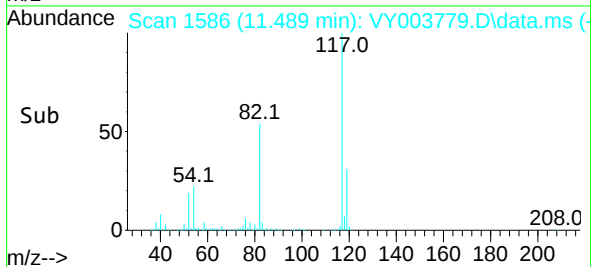
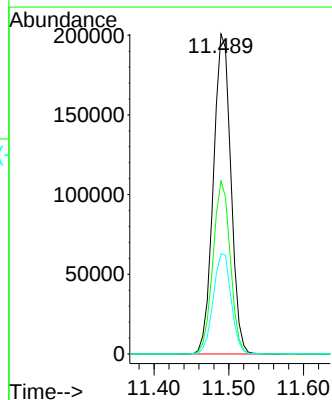
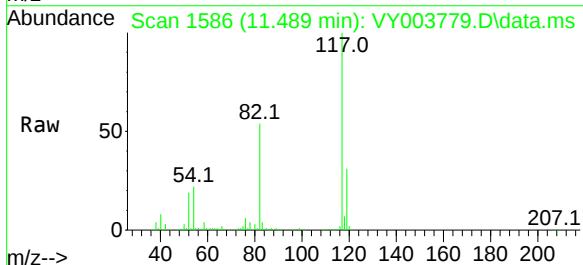
Instrument :
MSVOA_Y
ClientSampleId :

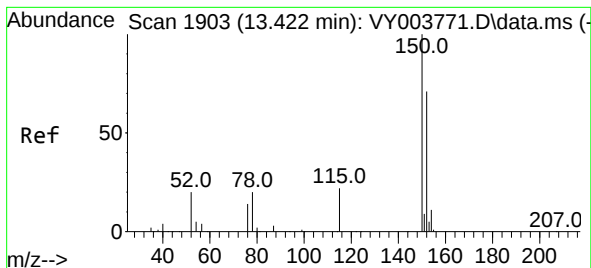
Tgt Ion: 95 Resp: 140919
Ion Ratio Lower Upper
95 100
174 87.7 0.0 170.8
176 85.2 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003779.D
Acq: 15 Dec 2020 17:15

Tgt Ion: 117 Resp: 327402
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.6
119 31.3 25.7 38.5

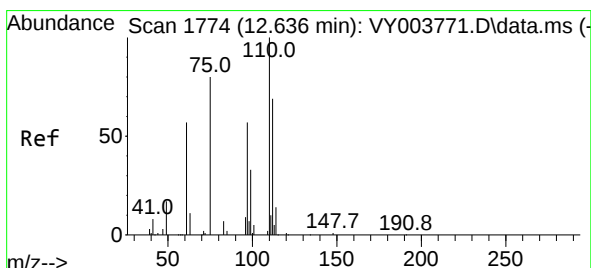
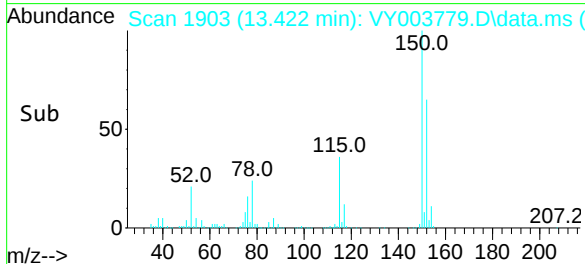
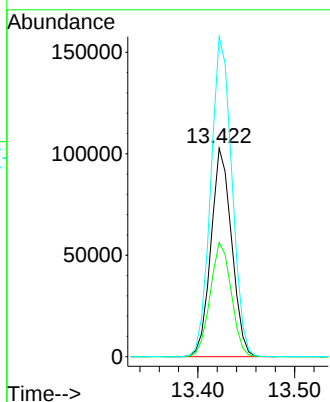
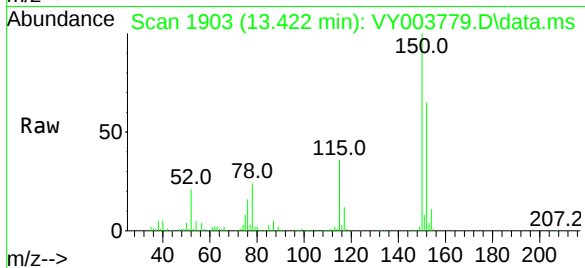




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY003779.D
 Acq: 15 Dec 2020 17:15

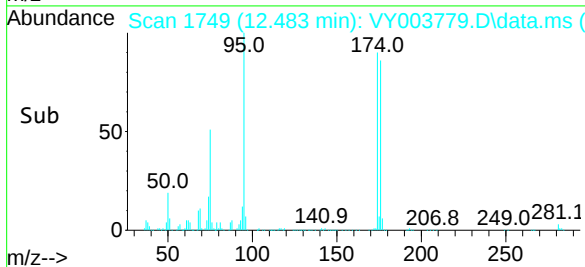
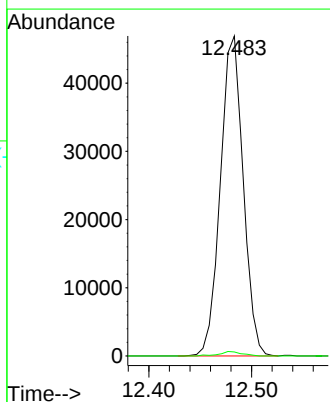
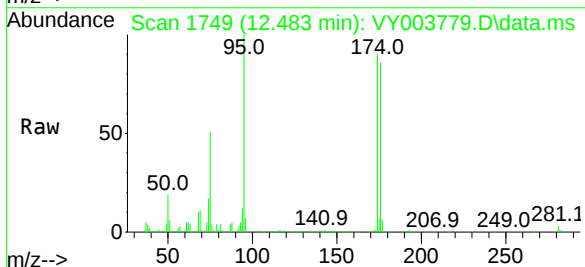
Instrument :
 MSVOA_Y
 ClientSampleId :

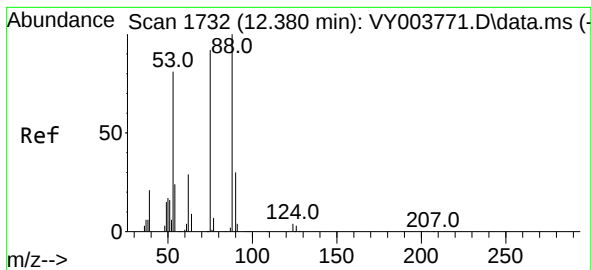
Tgt Ion:152 Resp: 152631
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.0 83.9
 150 156.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.94 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY003779.D
 Acq: 15 Dec 2020 17:15

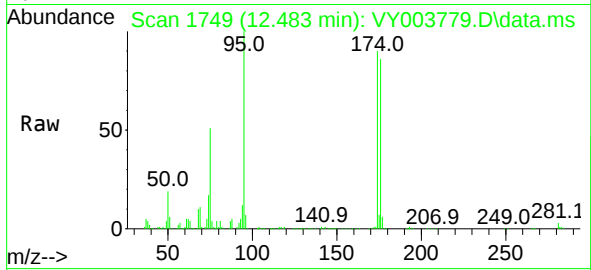
Tgt Ion: 75 Resp: 72215
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.63 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY003779.D
 Acq: 15 Dec 2020 17:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 72215
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.4 105.6#
 89 0.0 0.0 0.0#

