

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006247.D
 Acq On : 30 Sep 2021 18:01
 Operator : SY/MD
 Sample : M4007-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 01 06:28:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

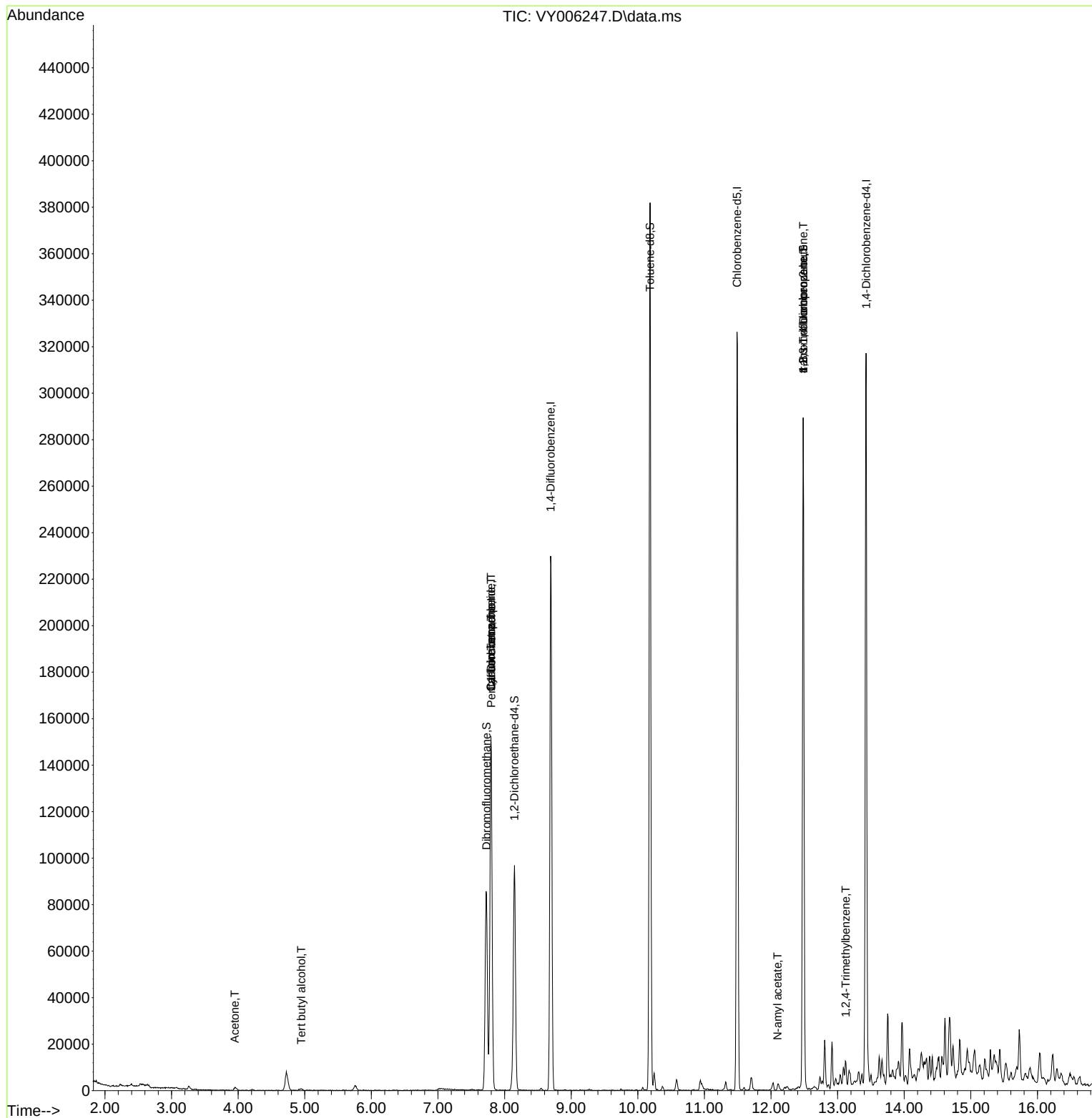
Internal Standards						
1) Pentafluorobenzene	7.801	168	119710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78818	61.517	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.040%	
35) Dibromofluoromethane	7.728	113	57742	55.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.540%	
50) Toluene-d8	10.185	98	240541	55.513	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.020%	
62) 4-Bromofluorobenzene	12.483	95	72882	49.513	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	526	4.693	ug/l #	77
16) Acetone	3.948	43	2497	6.978	ug/l	97
31) Cyclohexane	7.795	56	2911	1.199	ug/l #	50
36) 1,1-Dichloropropene	7.795	75	9269	4.807	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10977	5.392	ug/l #	16
74) N-amyl acetate	12.099	43	1791	1.024	ug/l #	53
76) 1,2,3-Trichloropropane	12.483	75	41306	54.026	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41306	106.169	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	5834	1.254	ug/l	92

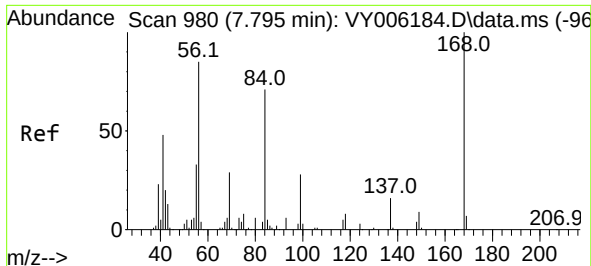
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

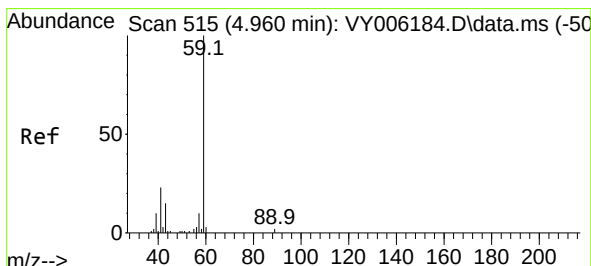
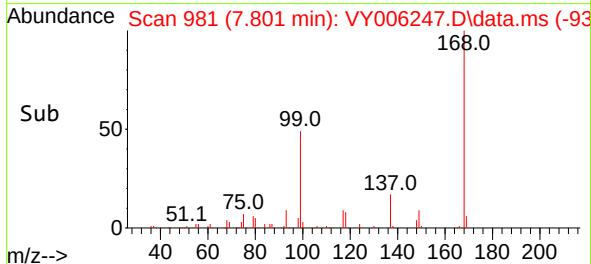
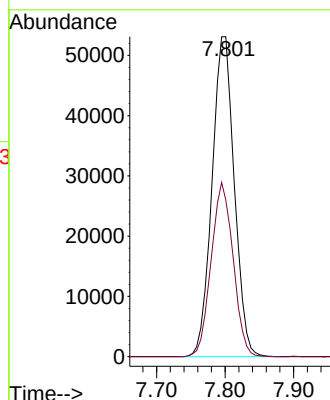
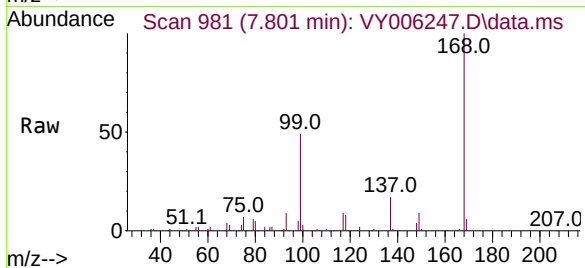




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

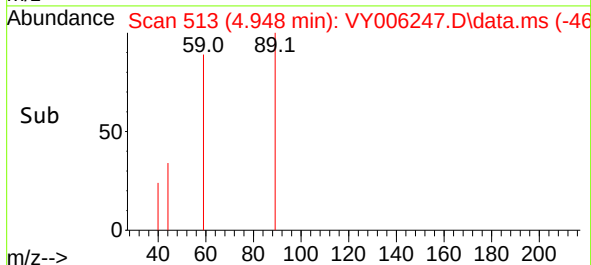
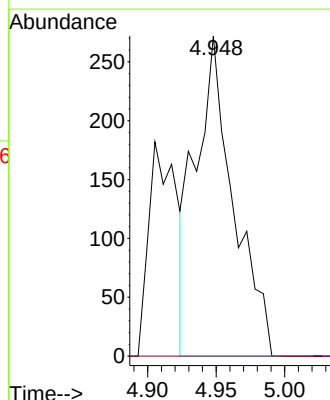
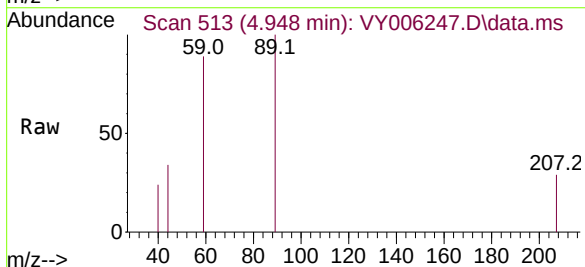
Instrument :
MSVOA_Y
ClientSampled :

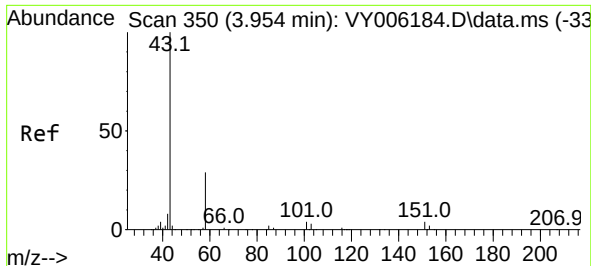
Tgt Ion:168 Resp: 119710
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 4.693 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

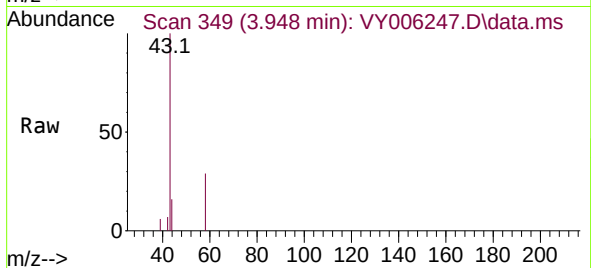
Tgt Ion: 59 Resp: 526
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



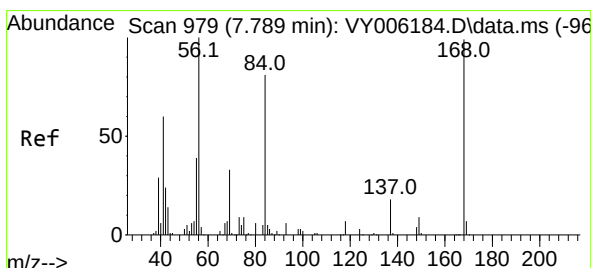
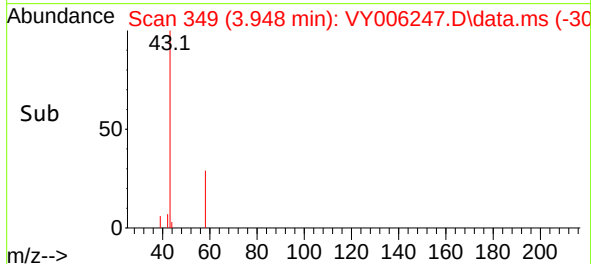
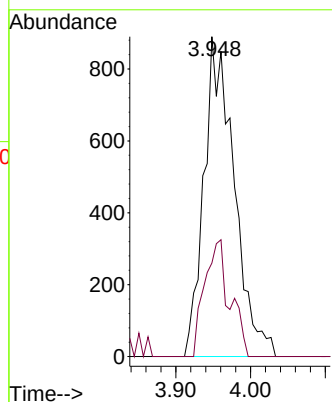


#16
Acetone
Concen: 6.978 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

Instrument :
MSVOA_Y
ClientSampleId :

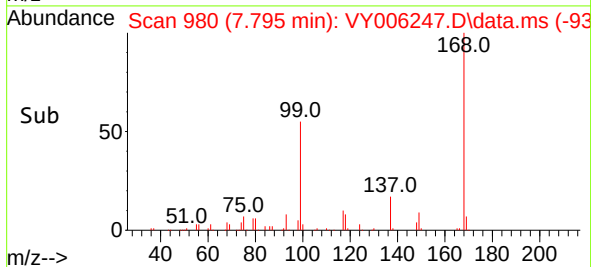
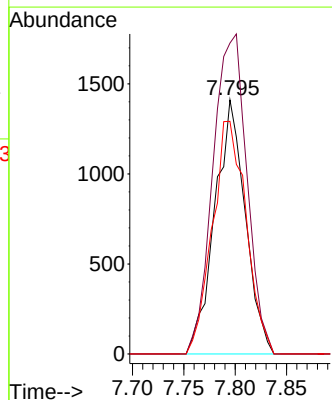
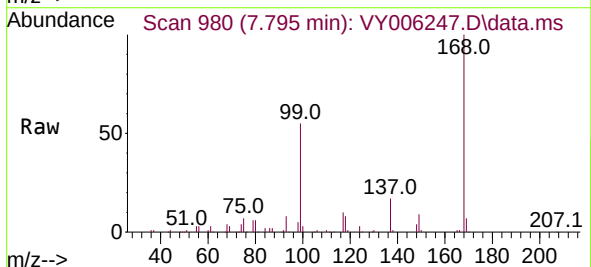


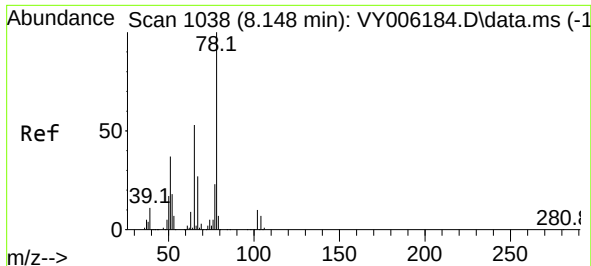
Tgt Ion: 43 Resp: 2497
Ion Ratio Lower Upper
43 100
58 29.2 22.0 33.0



#31
Cyclohexane
Concen: 1.199 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

Tgt Ion: 56 Resp: 2911
Ion Ratio Lower Upper
56 100
69 122.3 26.7 40.1#
84 91.6 67.2 100.8

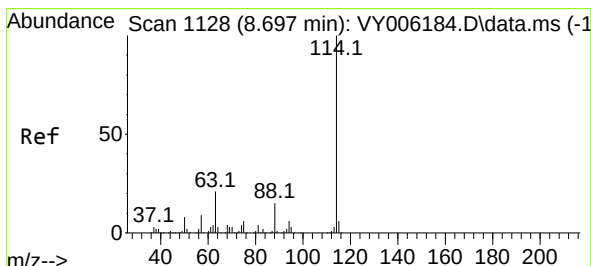
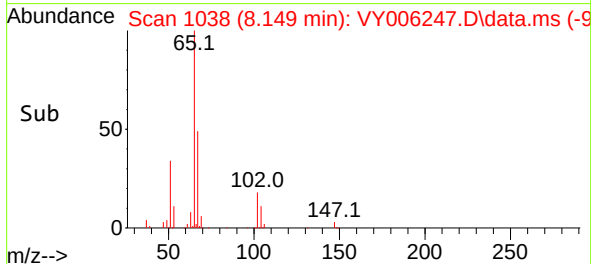
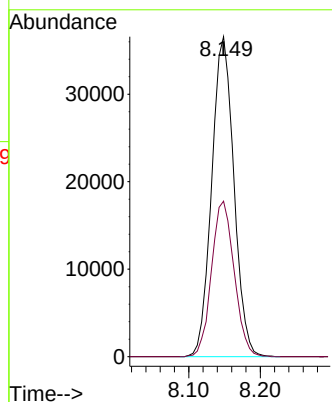
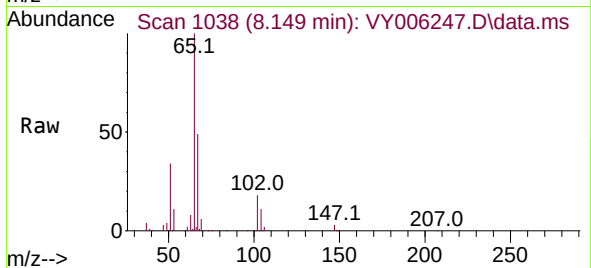




#33
1,2-Dichloroethane-d4
Concen: 61.517 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

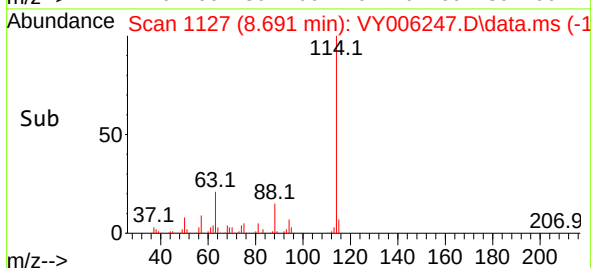
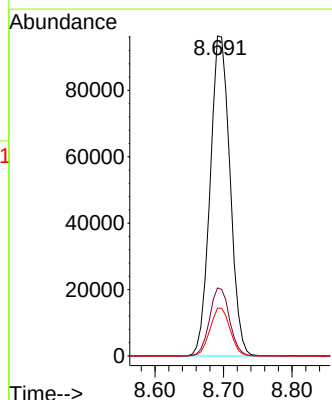
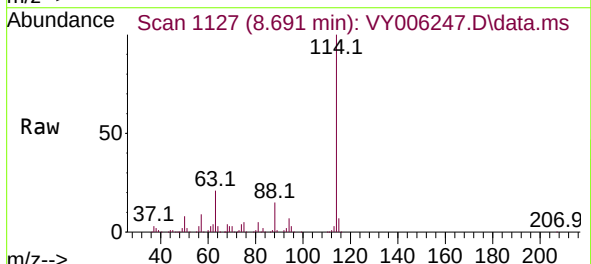
Instrument :
MSVOA_Y
ClientSampleId :

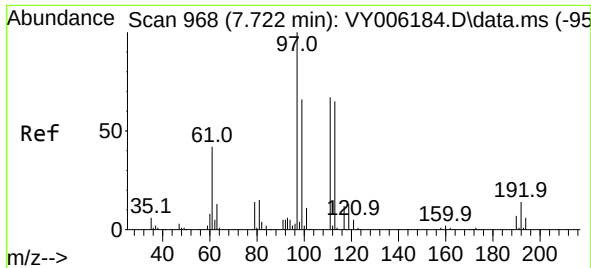
Tgt Ion: 65 Resp: 78818
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

Tgt Ion: 114 Resp: 193787
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 15.0 0.0 31.8

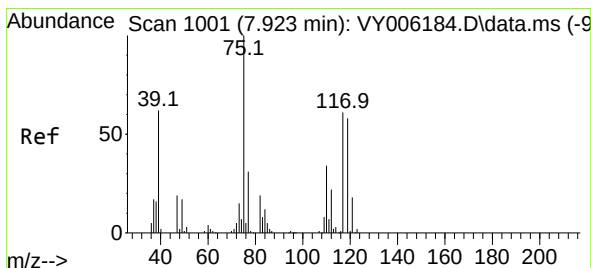
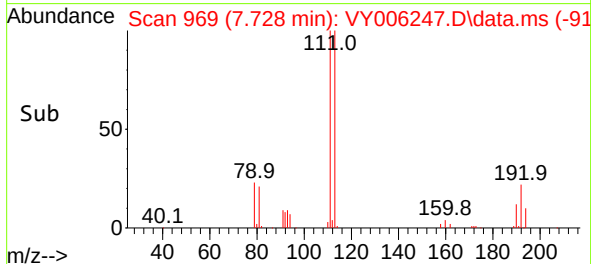
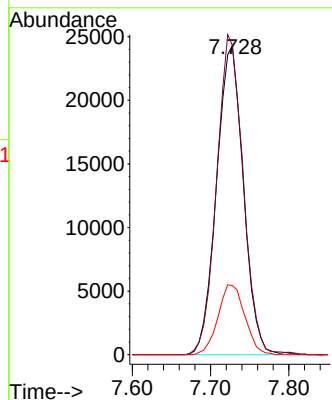
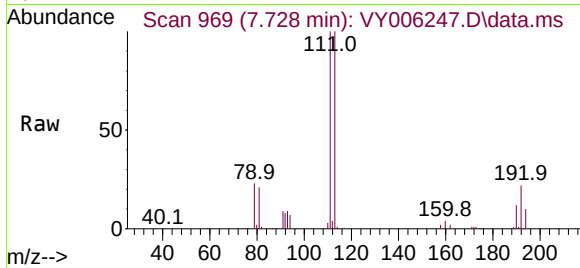




#35
Dibromofluoromethane
Concen: 55.772 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

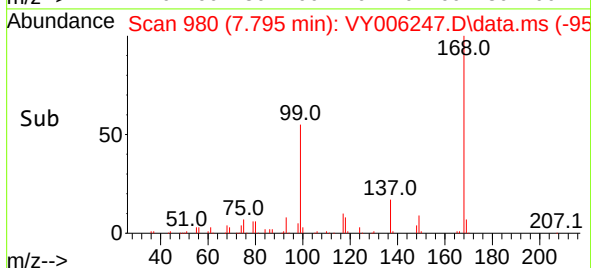
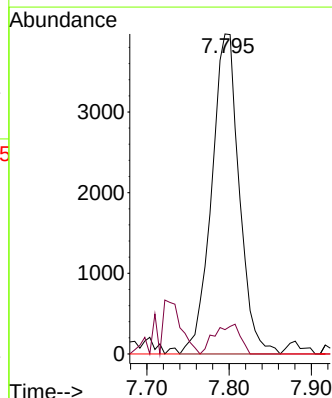
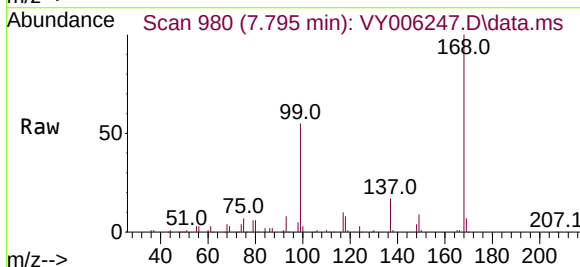
Instrument :
MSVOA_Y
ClientSampleId :

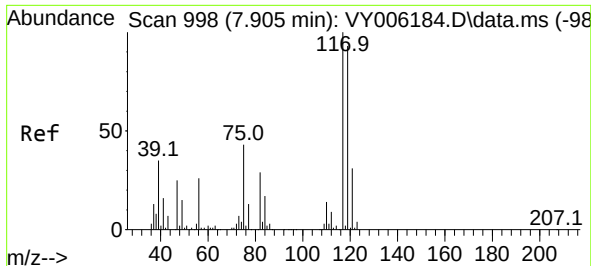
Tgt Ion:113 Resp: 57742
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 22.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.807 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

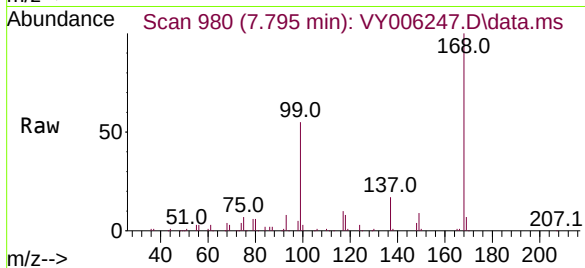
Tgt Ion: 75 Resp: 9269
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#



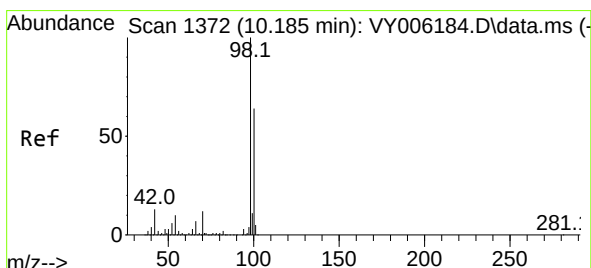
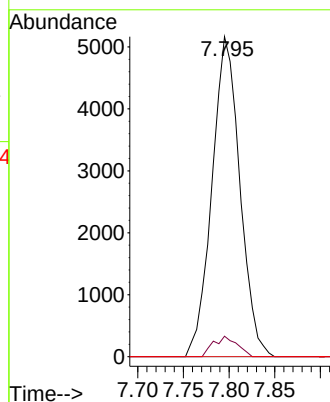
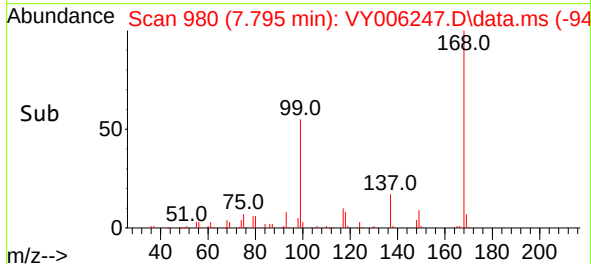


#38
Carbon Tetrachloride
Concen: 5.392 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

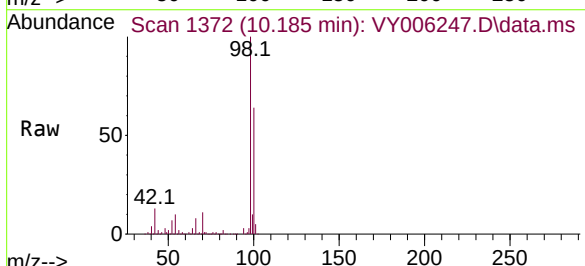
Instrument :
MSVOA_Y
ClientSampled :



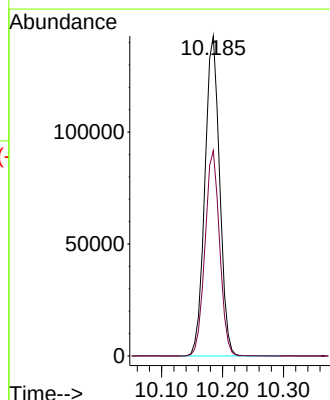
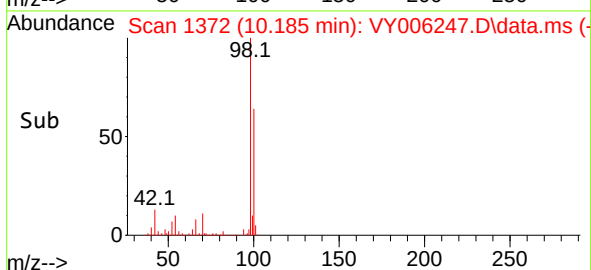
Tgt Ion:117 Resp: 10977
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#

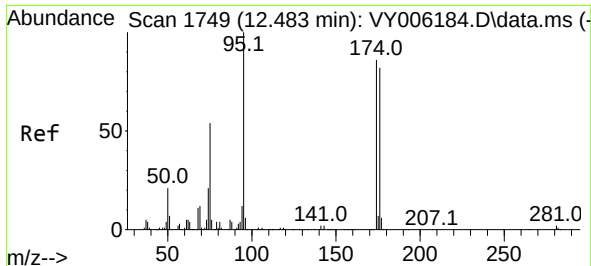


#50
Toluene-d8
Concen: 55.513 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01



Tgt Ion: 98 Resp: 240541
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

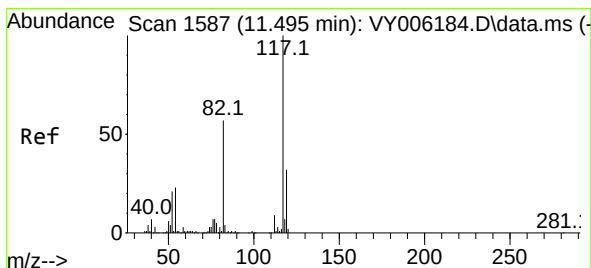
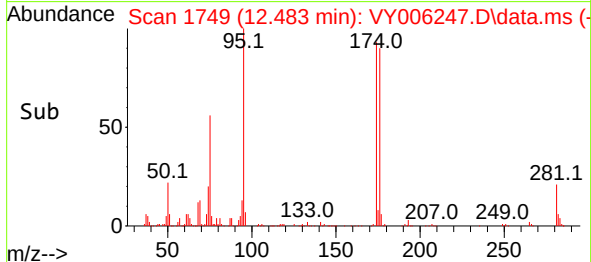
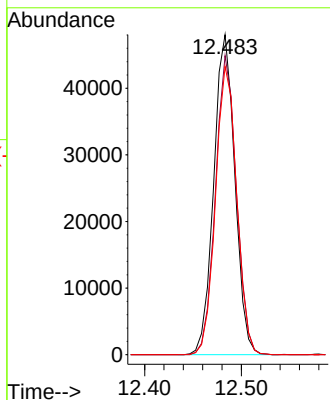
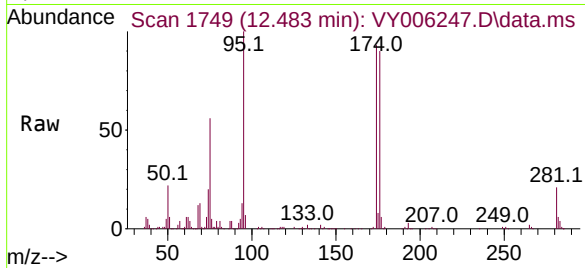




#62
4-Bromofluorobenzene
Concen: 49.513 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

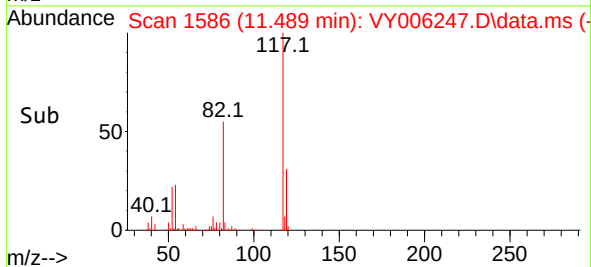
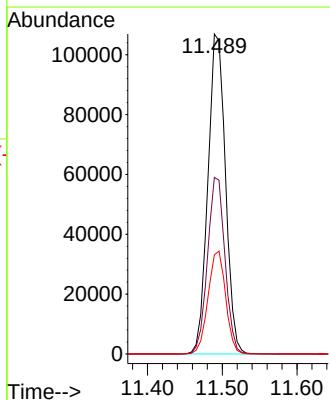
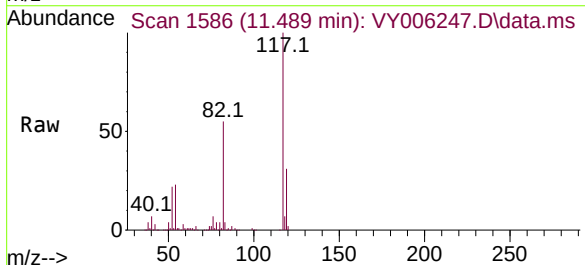
Instrument :
MSVOA_Y
ClientSampleId :

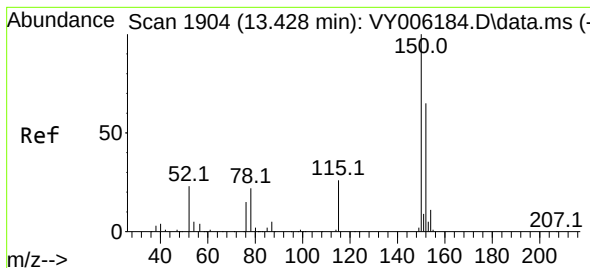
Tgt Ion: 95 Resp: 72882
Ion Ratio Lower Upper
95 100
174 92.5 0.0 177.0
176 90.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

Tgt Ion: 117 Resp: 174770
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 31.0 25.4 38.0

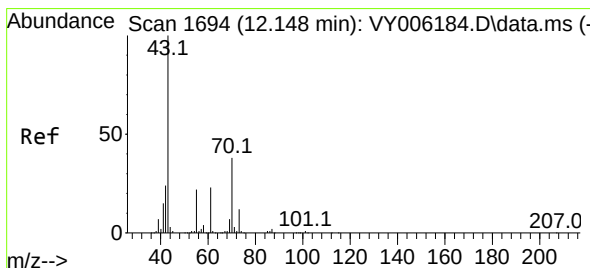
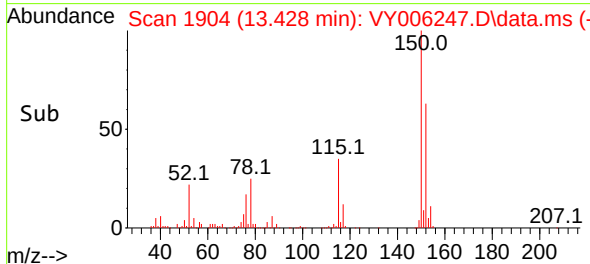
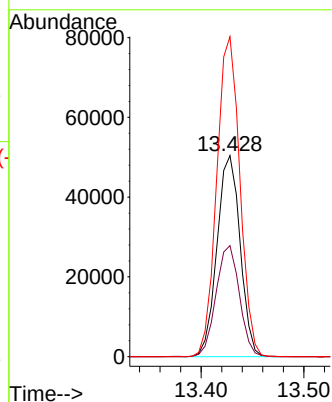
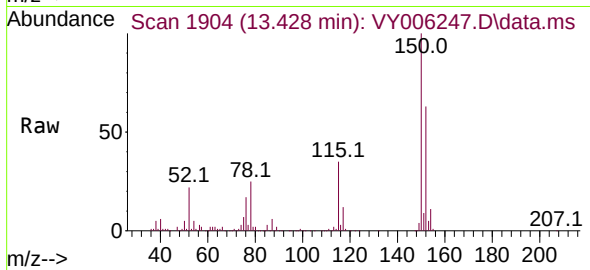




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

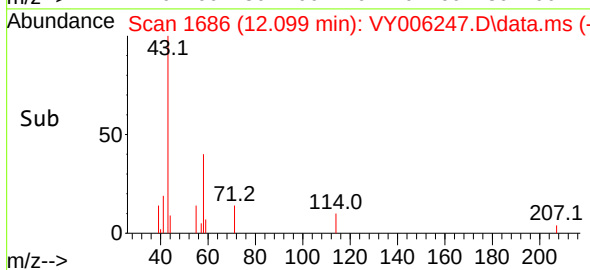
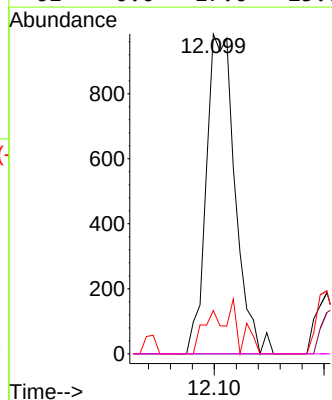
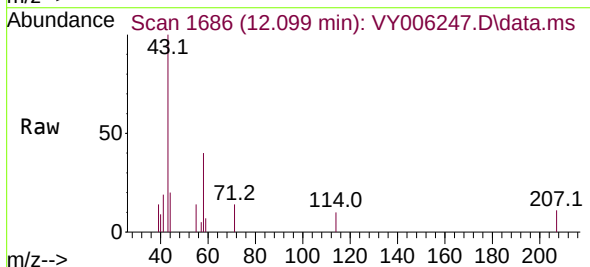
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 78662
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 159.2 0.0 347.6

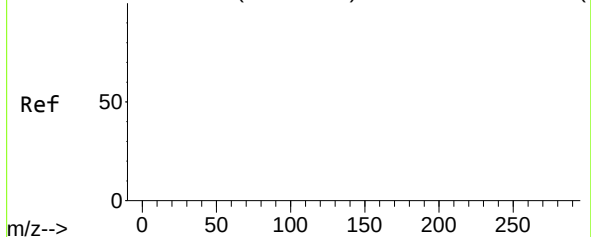


#74
N-ethyl acetate
Concen: 1.024 ug/l
RT: 12.099 min Scan# 1686
Delta R.T. -0.049 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

Tgt Ion: 43 Resp: 1791
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 9.8 17.3 25.9#
61 0.0 17.0 25.6#



Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-

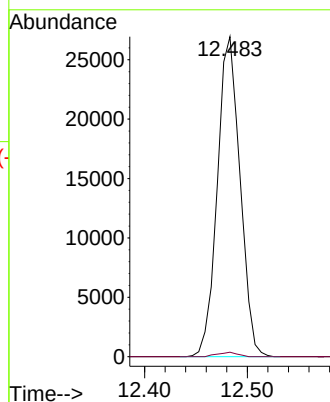
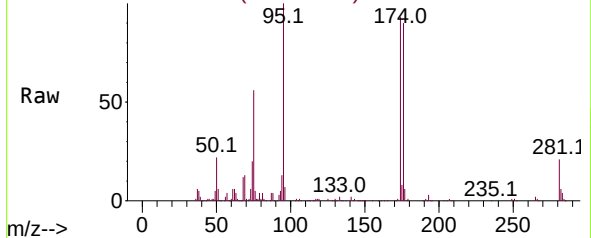


#76
1,2,3-Trichloropropane
Concen: 54.026 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

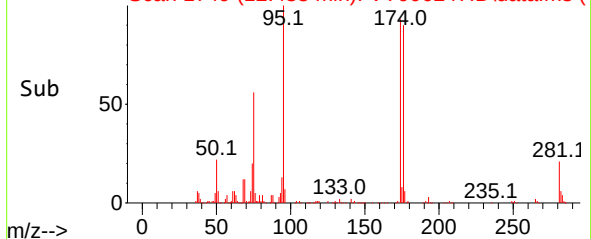
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 41306
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

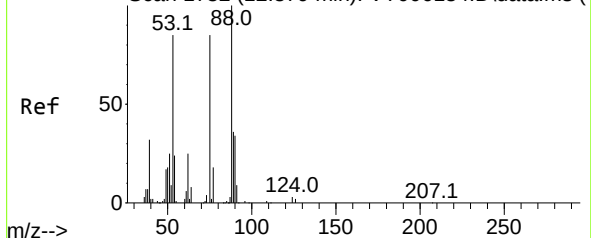
Abundance Scan 1749 (12.483 min): VY006247.D\data.ms (-



Abundance Scan 1749 (12.483 min): VY006247.D\data.ms (-



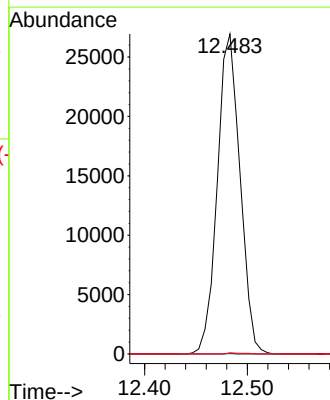
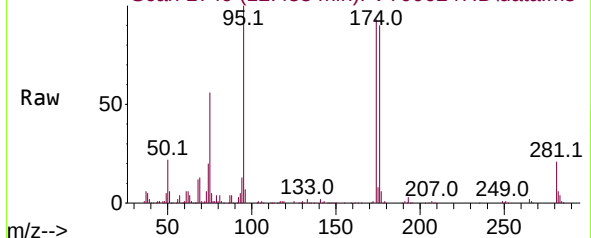
Abundance Scan 1732 (12.379 min): VY006184.D\data.ms (-



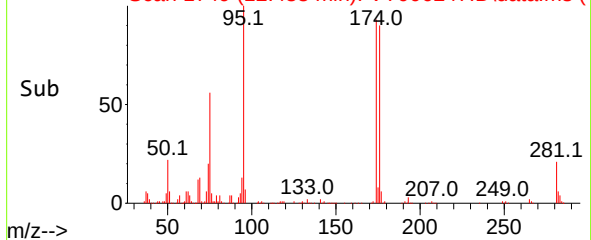
#81
trans-1,4-Dichloro-2-butene
Concen: 106.169 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006247.D
Acq: 30 Sep 2021 18:01

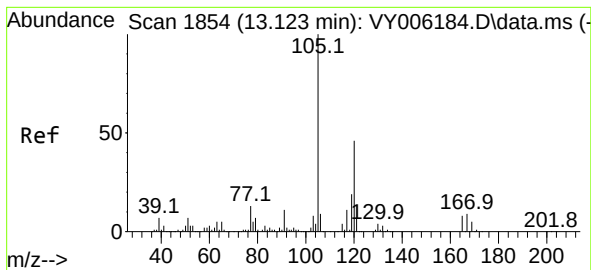
Tgt Ion: 75 Resp: 41306
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.2 37.0 55.4#

Abundance Scan 1749 (12.483 min): VY006247.D\data.ms (-



Abundance Scan 1749 (12.483 min): VY006247.D\data.ms (-





#84
 1,2,4-Trimethylbenzene
 Concen: 1.254 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY006247.D
 Acq: 30 Sep 2021 18:01

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:105 Resp: 5834
 Ion Ratio Lower Upper
 105 100
 120 49.7 22.3 66.9

