

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006075.D
 Acq On : 17 Sep 2021 17:10
 Operator : SY/MD
 Sample : M3775-06
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-5

Quant Time: Sep 20 01:42:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

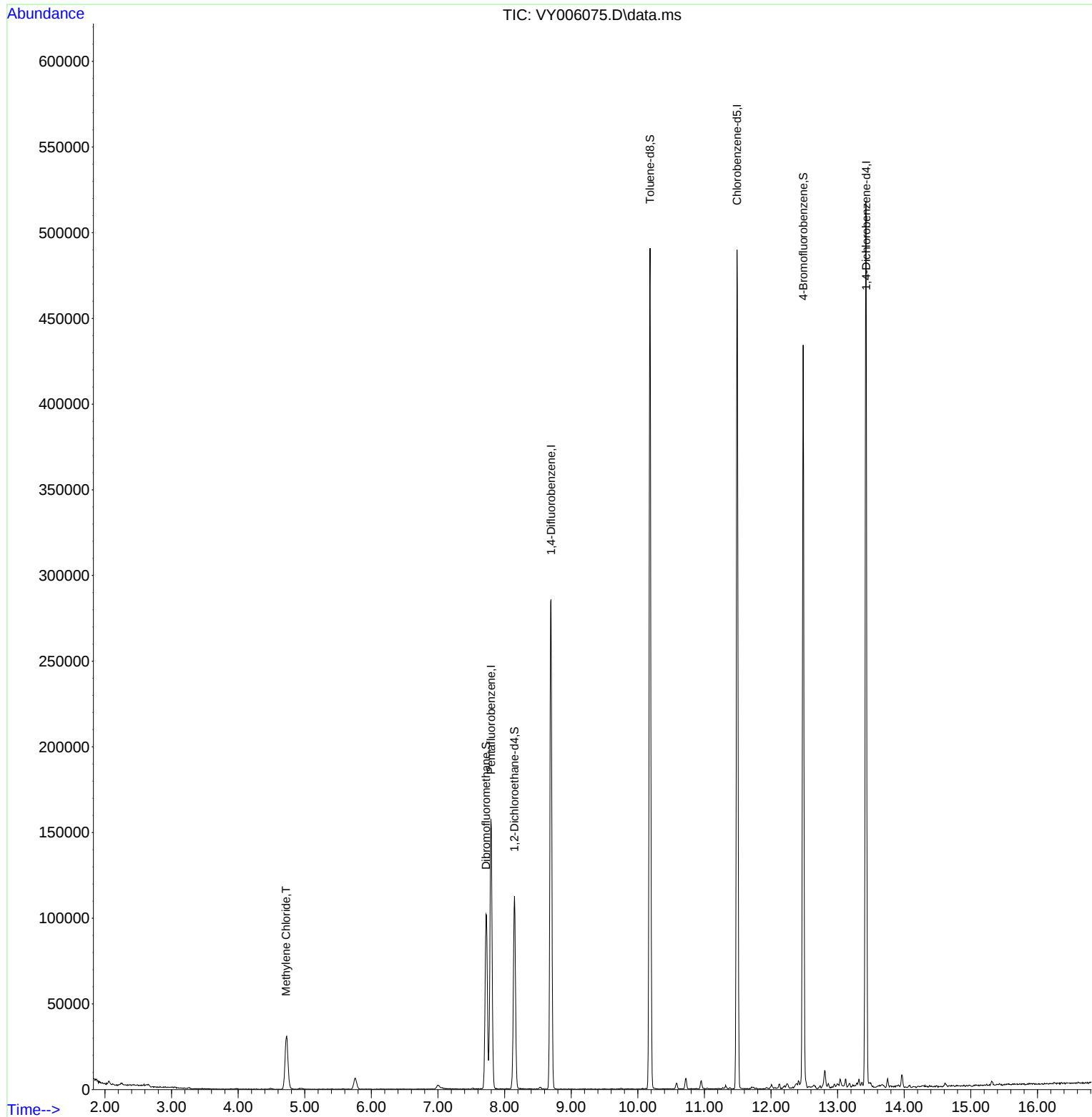
Internal Standards						
1) Pentafluorobenzene	7.795	168	122066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	230724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92167	54.358	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 108.720%		
35) Dibromofluoromethane	7.722	113	70216	48.997	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 98.000%		
50) Toluene-d8	10.185	98	305870	50.079	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 100.160%		
62) 4-Bromofluorobenzene	12.483	95	117053	56.446	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 112.900%		
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	22098	11.666	ug/l #	86

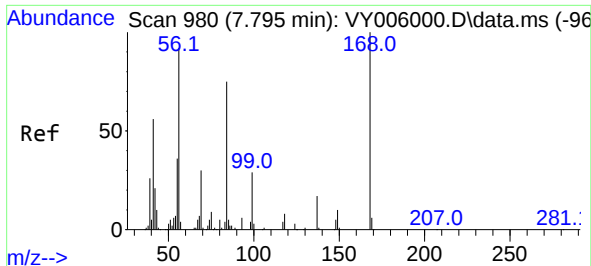
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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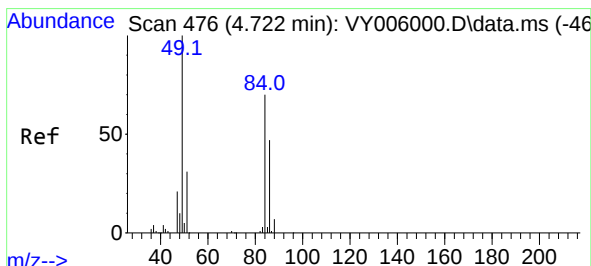
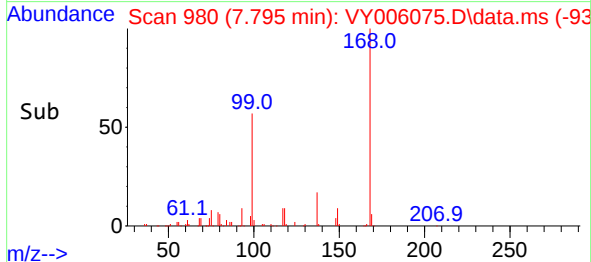
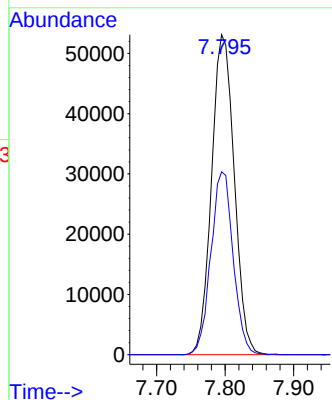
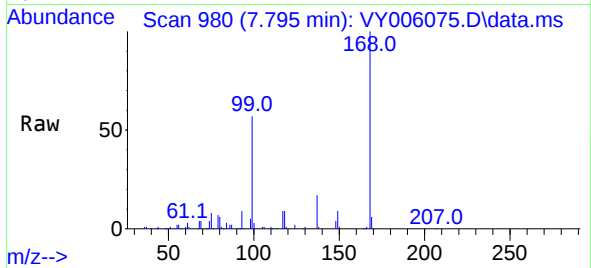




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

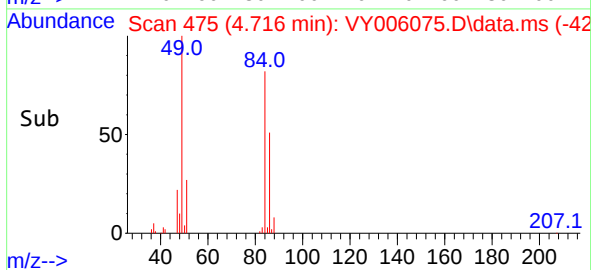
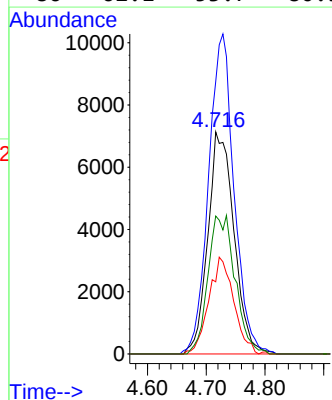
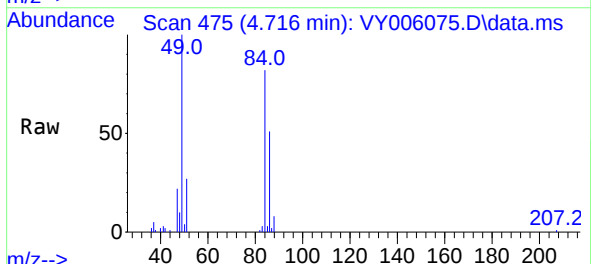
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

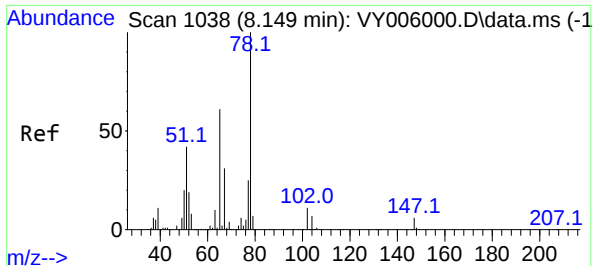
Tgt Ion:168 Resp: 122066
Ion Ratio Lower Upper
168 100
99 57.2 46.9 70.3



#20
Methylene Chloride
Concen: 11.666 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

Tgt Ion: 84 Resp: 22098
Ion Ratio Lower Upper
84 100
49 122.7 114.4 171.6
51 32.5 35.3 52.9#
86 62.1 53.7 80.5

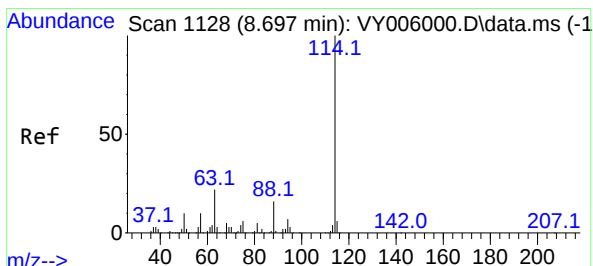
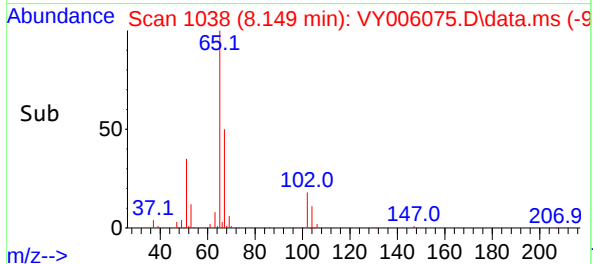
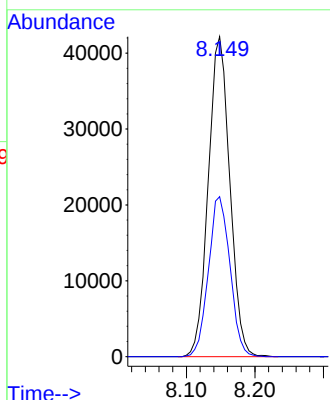
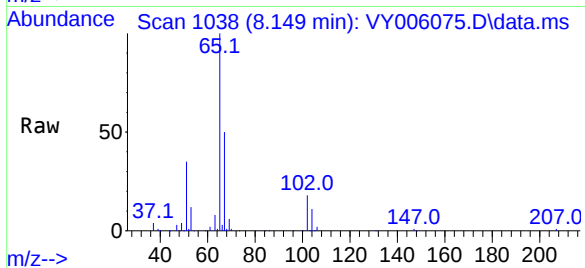




#33
1,2-Dichloroethane-d4
Concen: 54.358 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

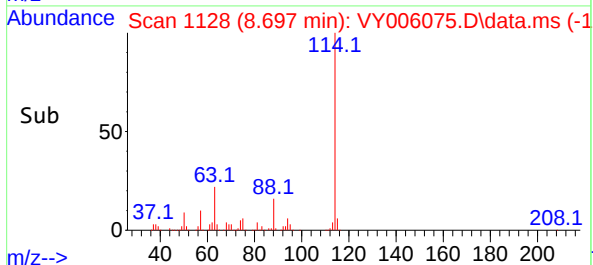
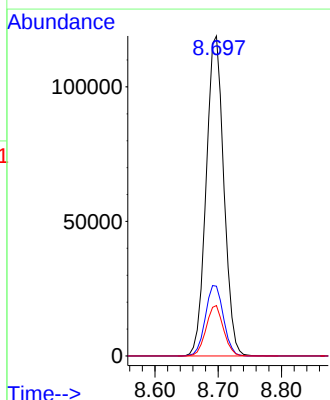
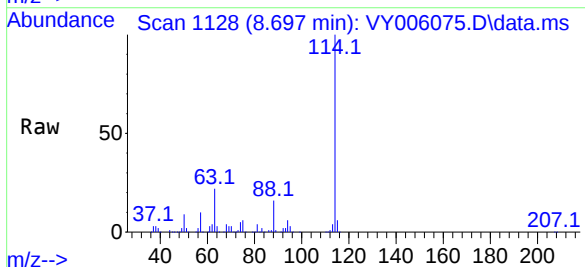
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

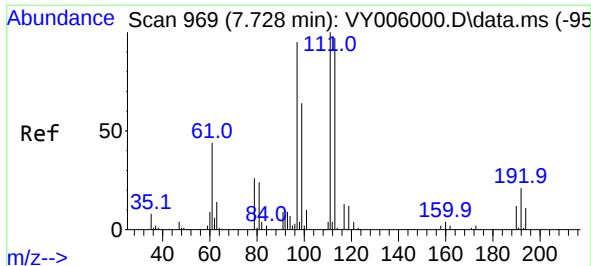
Tgt Ion: 65 Resp: 92167
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

Tgt Ion: 114 Resp: 230724
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.2
88 15.7 0.0 31.8

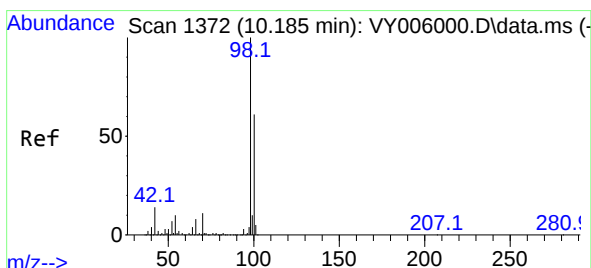
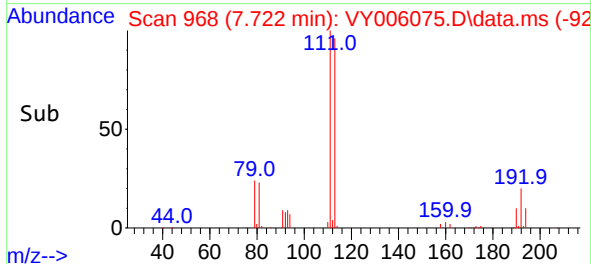
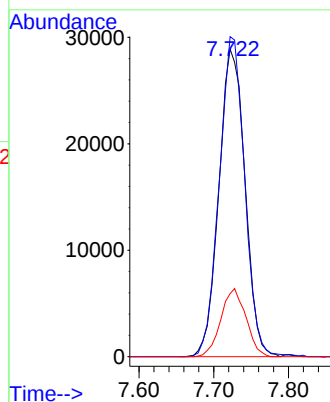
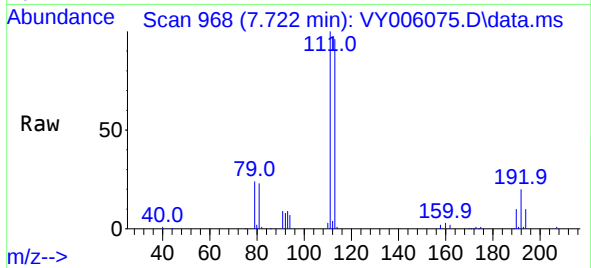




#35
Dibromofluoromethane
Concen: 48.997 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

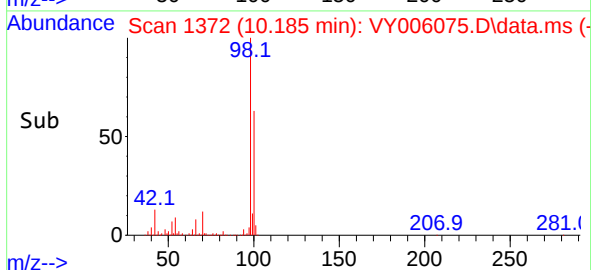
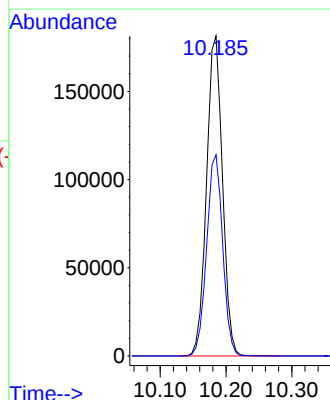
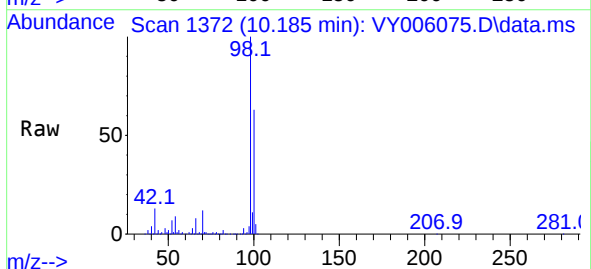
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

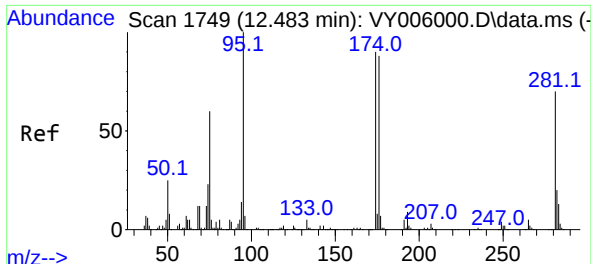
Tgt Ion:	113	Resp:	70216
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	21.2	17.6	26.4



#50
Toluene-d8
Concen: 50.079 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

Tgt Ion:	98	Resp:	305870
Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.2	75.2

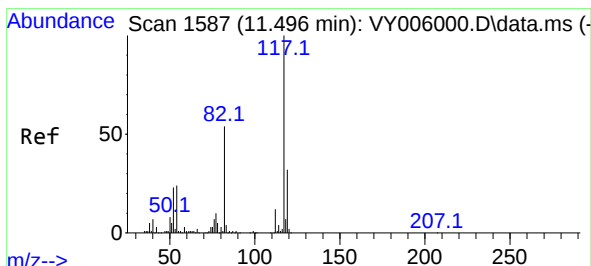
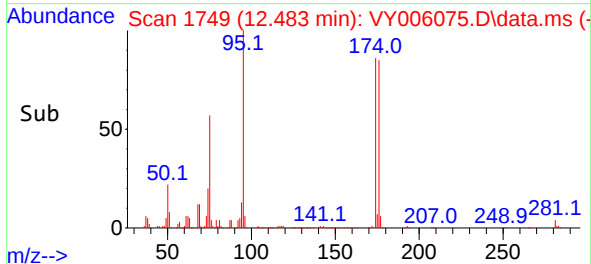
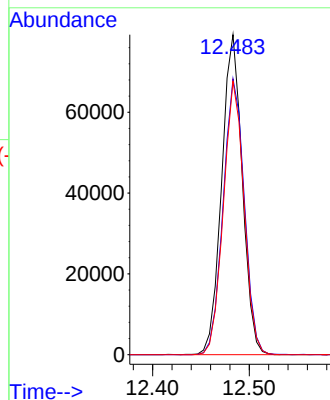
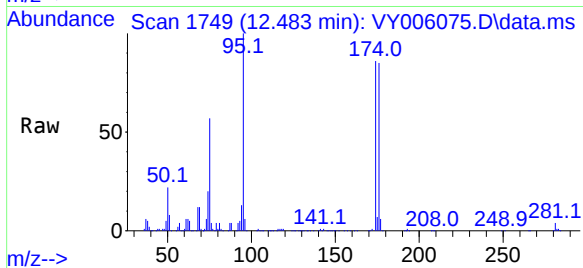




#62
4-Bromofluorobenzene
Concen: 56.446 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

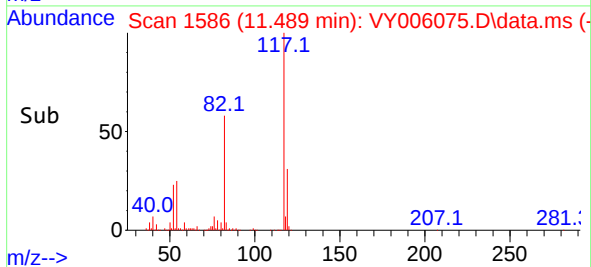
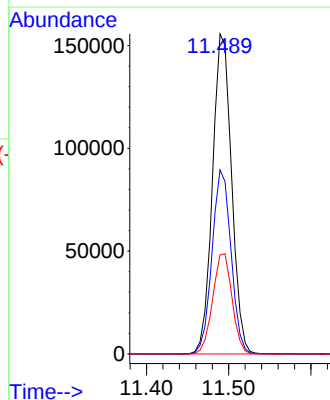
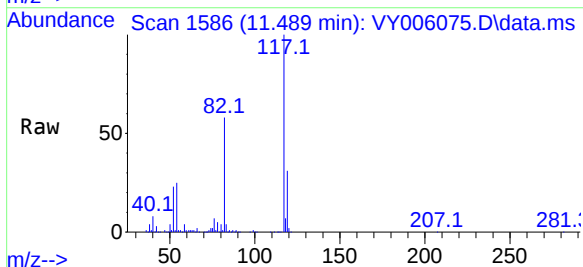
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

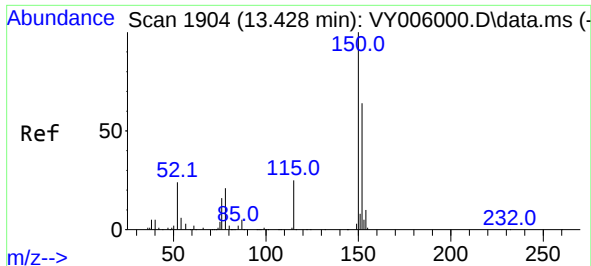
Tgt Ion: 95 Resp: 117053
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 85.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006075.D
Acq: 17 Sep 2021 17:10

Tgt Ion: 117 Resp: 250967
Ion Ratio Lower Upper
117 100
82 57.5 43.0 64.4
119 30.9 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: VY006075.D
 Acq: 17 Sep 2021 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-5

Tgt Ion:152 Resp: 127042
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.7
 150 159.6 0.0 347.6

