

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006235.D
 Acq On : 30 Sep 2021 13:23
 Operator : SY/MD
 Sample : M3990-02
 Misc : 6.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-840-R-SO-4-4.5-092921

Quant Time: Oct 01 06:26:57 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)

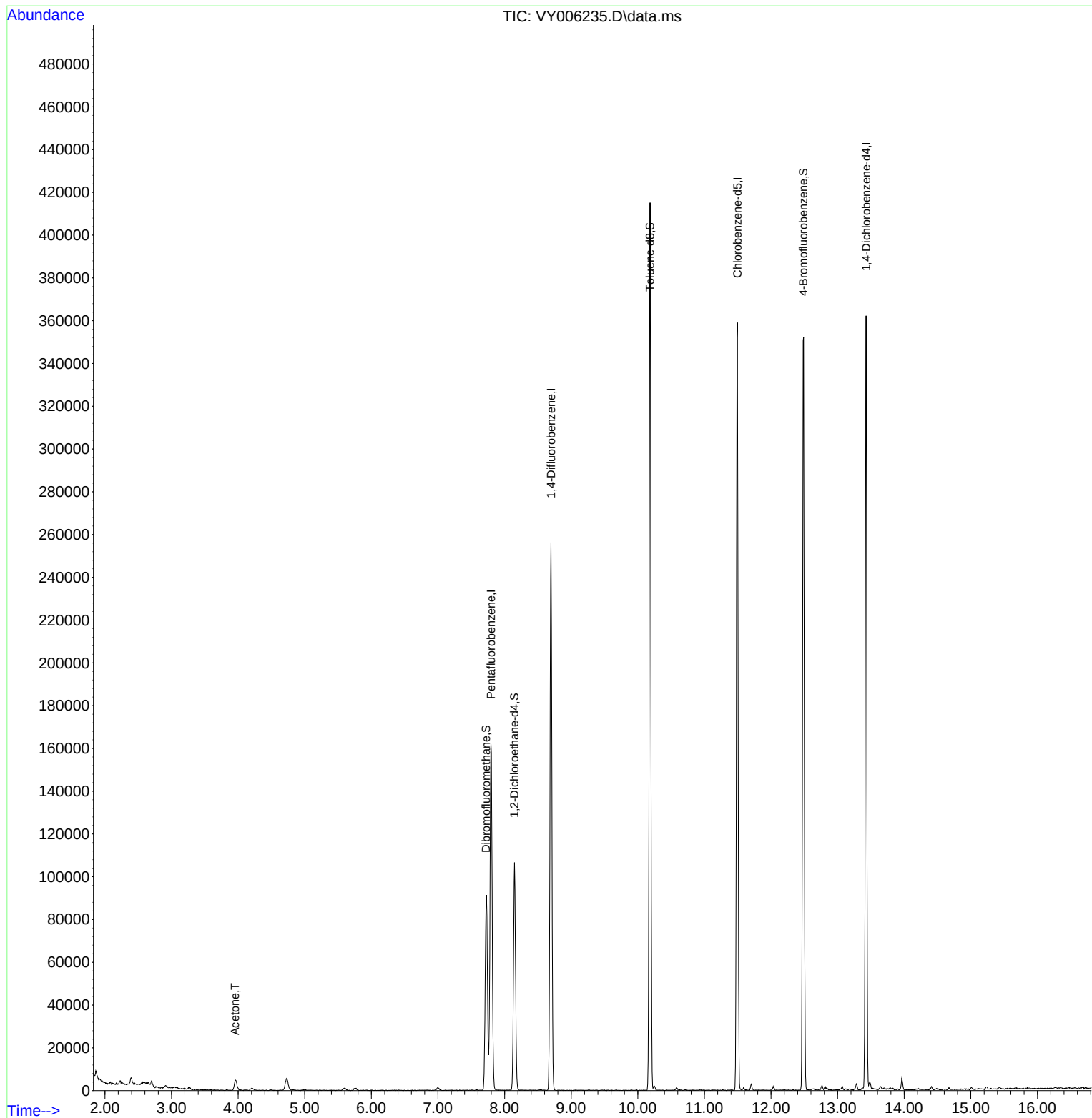
Internal Standards						
1) Pentafluorobenzene	7.795	168	129753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	209372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85547	61.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.200%
35) Dibromofluoromethane	7.722	113	61688	55.148	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.300%
50) Toluene-d8	10.185	98	259040	55.333	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.660%
62) 4-Bromofluorobenzene	12.483	95	81113	51.003	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.000%
Target Compounds						
16) Acetone	3.954	43	9068	23.379	ug/l	Qvalue 99

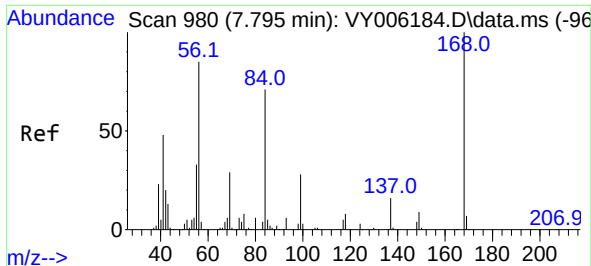
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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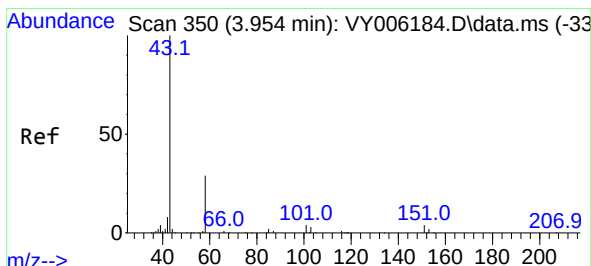
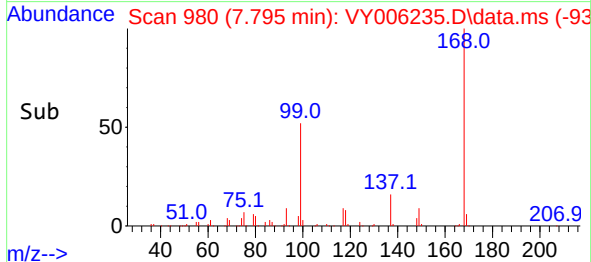
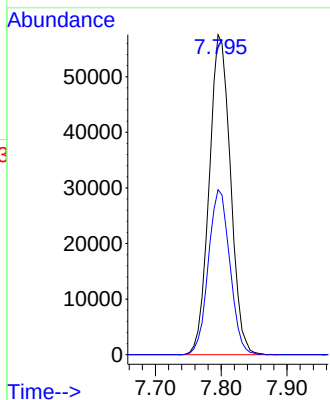
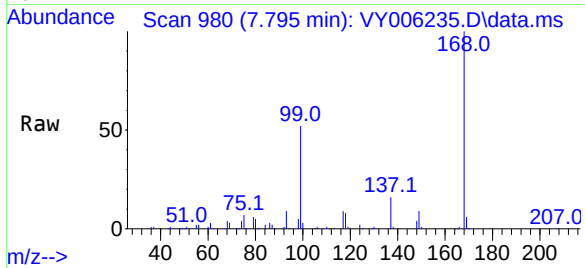




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

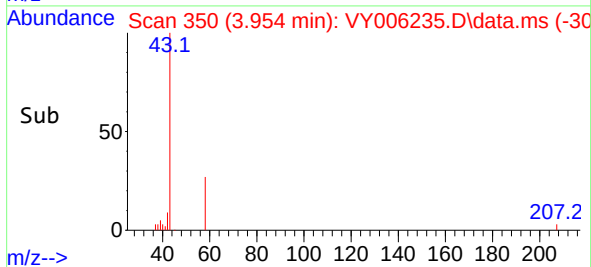
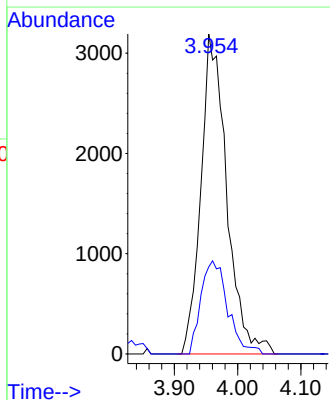
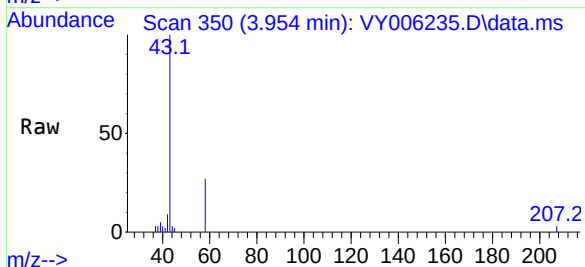
Instrument :
MSVOA_Y
ClientSampleId :
S-840-R-SO-4-4.5-092921

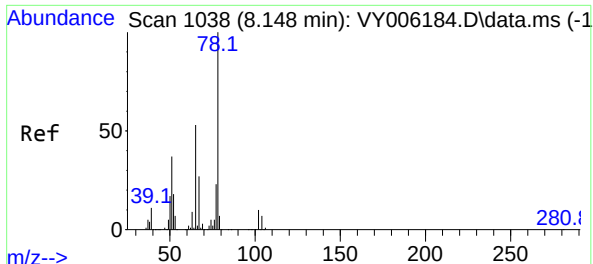
Tgt Ion:168 Resp: 129753
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#16
Acetone
Concen: 23.379 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

Tgt Ion: 43 Resp: 9068
Ion Ratio Lower Upper
43 100
58 27.2 22.0 33.0

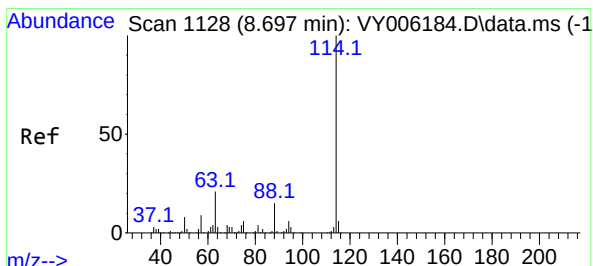
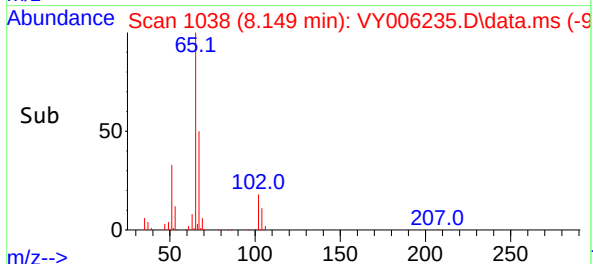
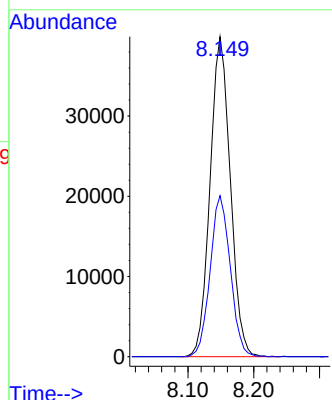
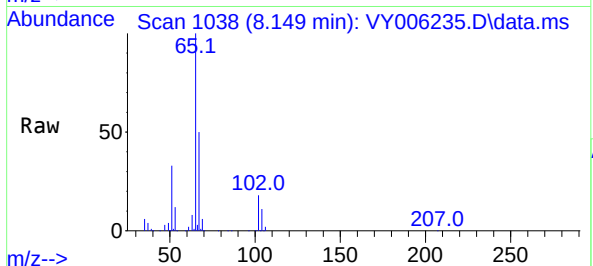




#33
1,2-Dichloroethane-d4
Concen: 61.601 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

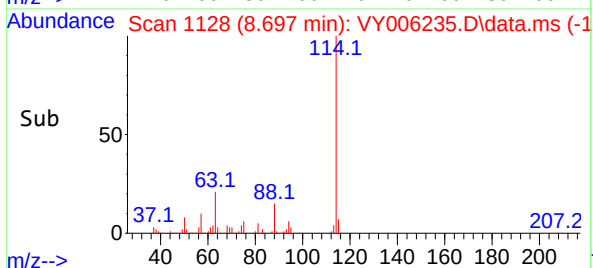
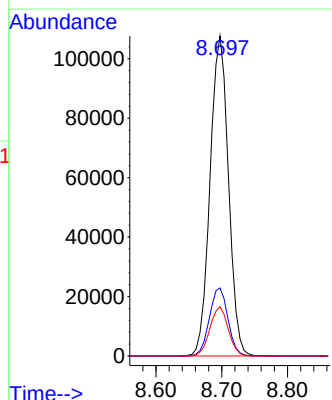
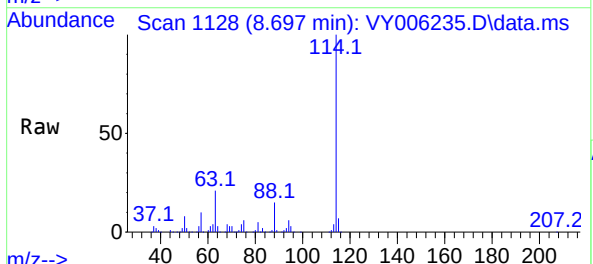
Instrument :
MSVOA_Y
ClientSampleId :
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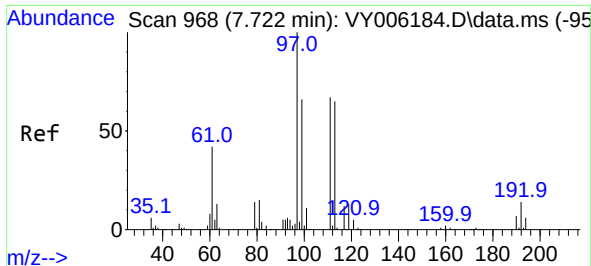
Tgt Ion: 65 Resp: 85547
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

Tgt Ion: 114 Resp: 209372
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.2
88 15.4 0.0 31.8

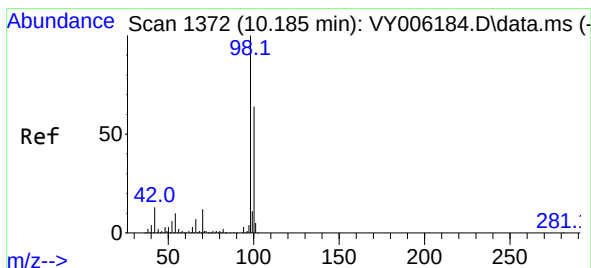
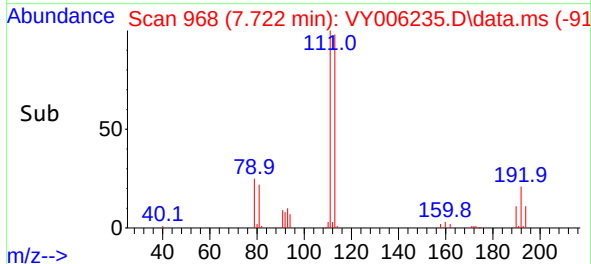
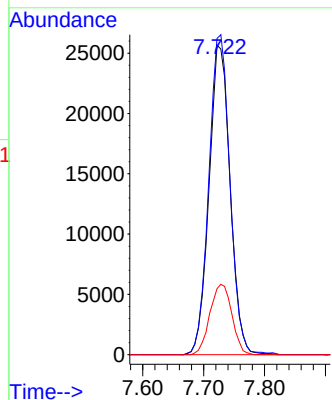
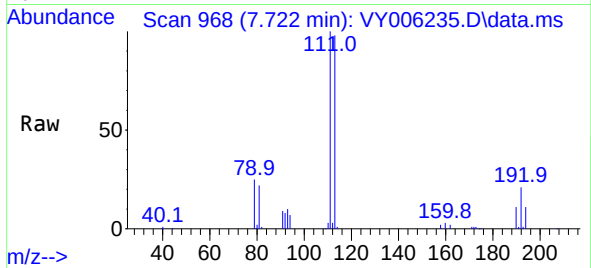




#35
Dibromofluoromethane
Concen: 55.148 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

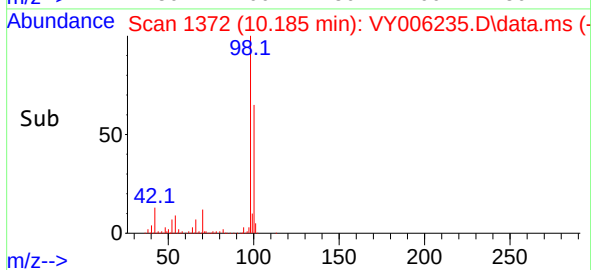
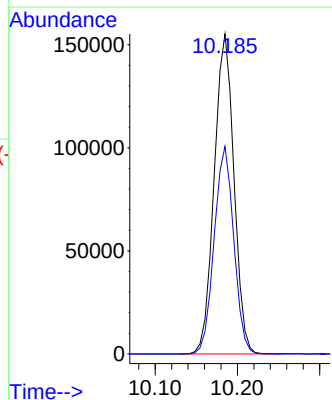
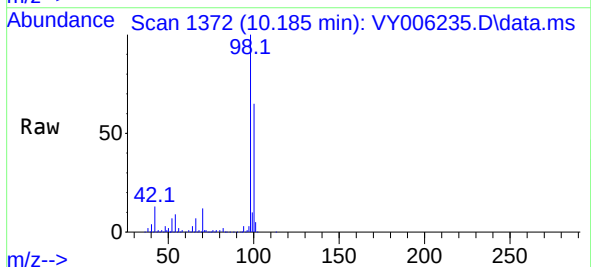
Instrument :
MSVOA_Y
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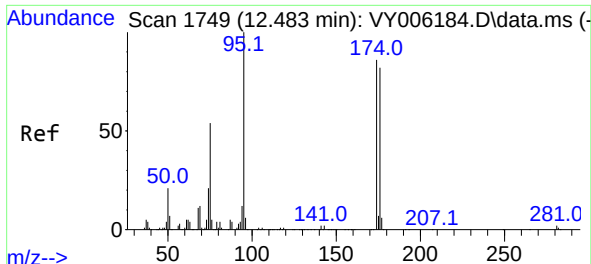
Tgt Ion:113 Resp: 61688
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 23.7 17.6 26.4



#50
Toluene-d8
Concen: 55.333 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

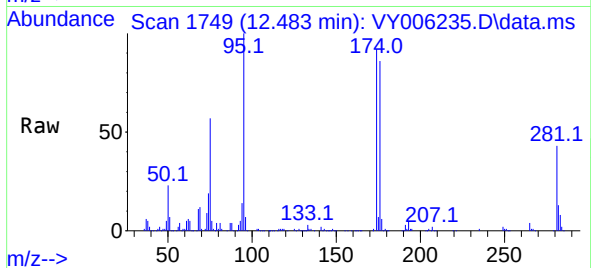
Tgt Ion: 98 Resp: 259040
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



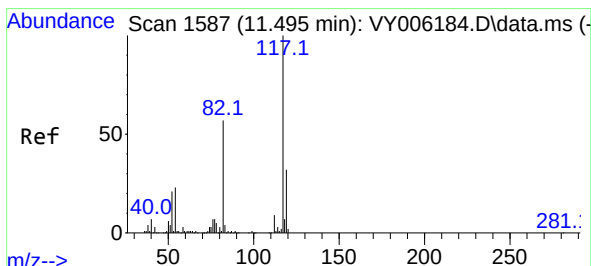
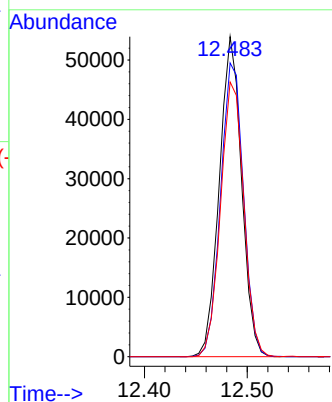
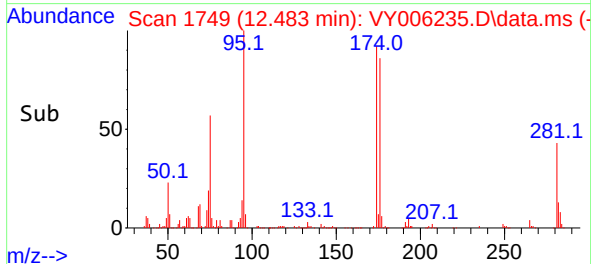


#62
4-Bromofluorobenzene
Concen: 51.003 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

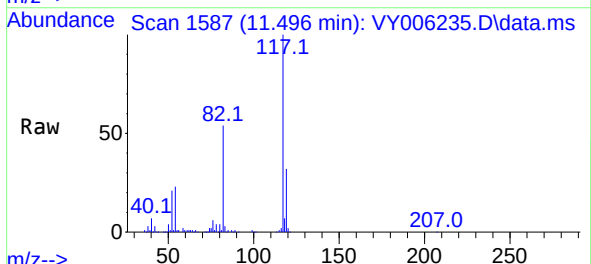
Instrument :
MSVOA_Y
ClientSampleId :
S-840-R-SO-4-4.5-092921



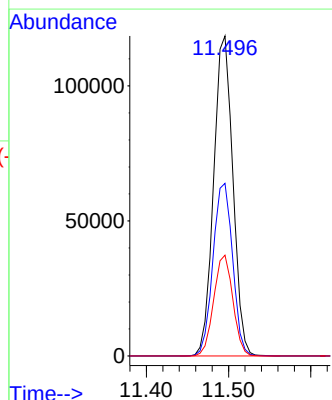
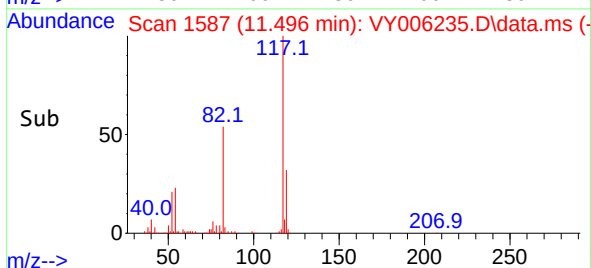
Tgt Ion: 95 Resp: 81113
Ion Ratio Lower Upper
95 100
174 94.3 0.0 177.0
176 89.3 0.0 175.8

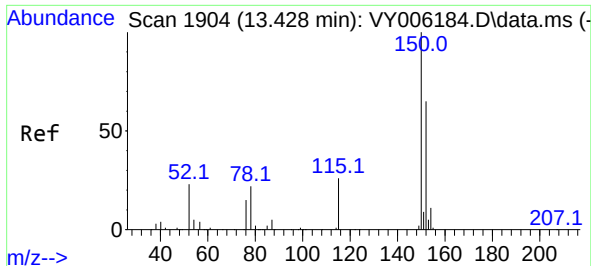


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23



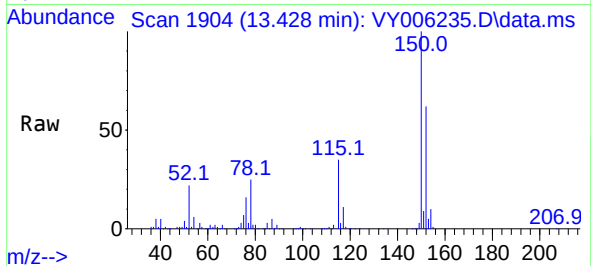
Tgt Ion: 117 Resp: 192769
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006235.D
 Acq: 30 Sep 2021 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-840-R-SO-4-4.5-092921



Tgt Ion:152 Resp: 88448
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.2 84.7
 150 156.7 0.0 347.6

