

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005865.D
 Acq On : 26 Aug 2021 16:51
 Operator : SY/MD
 Sample : M3547-08
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-7

Quant Time: Aug 27 03:26:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

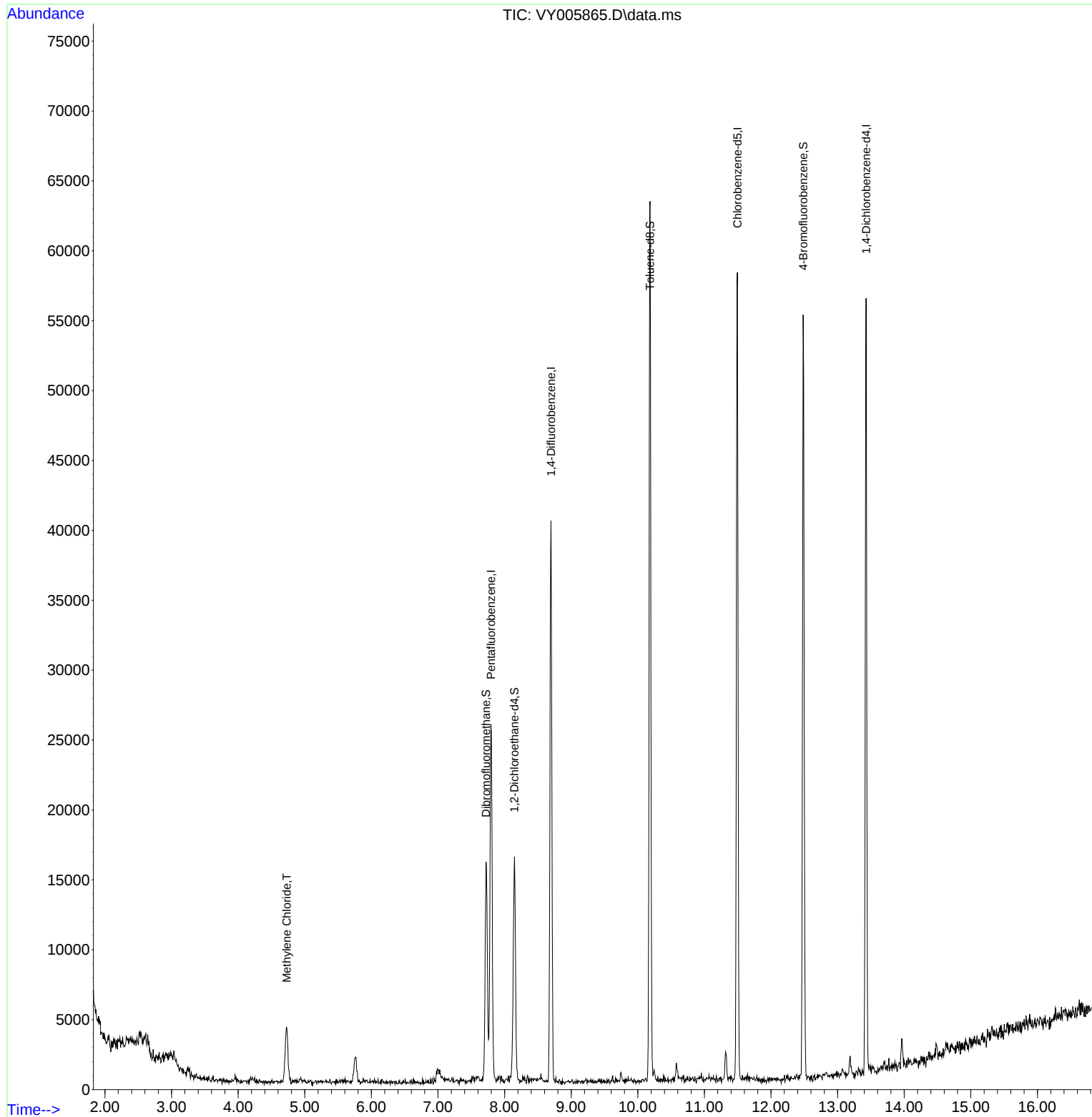
Internal Standards						
1) Pentafluorobenzene	7.795	168	22309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	33837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	32910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12671	56.110	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	112.220%	
35) Dibromofluoromethane	7.722	113	10755	56.771	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	113.540%	
50) Toluene-d8	10.185	98	43221	54.399	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	108.800%	
62) 4-Bromofluorobenzene	12.483	95	12890	48.992	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	97.980%	
Target Compounds						
20) Methylene Chloride	4.728	84	3202	9.245	ug/l	Qvalue # 81

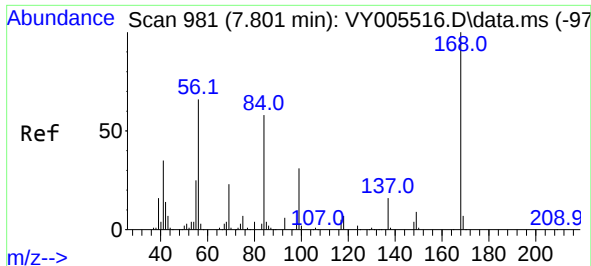
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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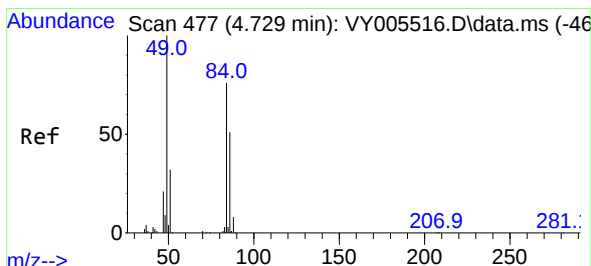
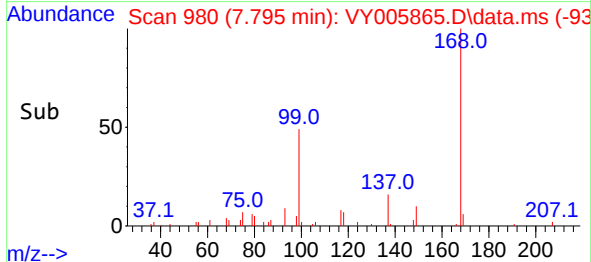
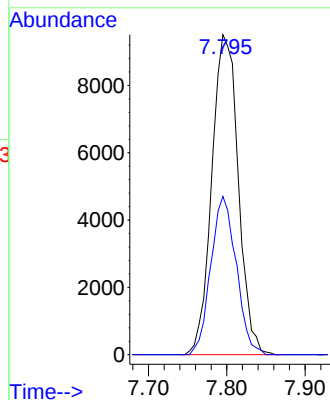
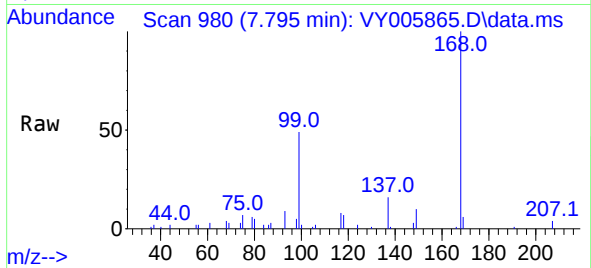




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005865.D
Acq: 26 Aug 2021 16:51

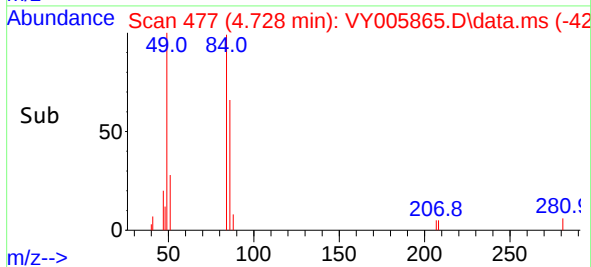
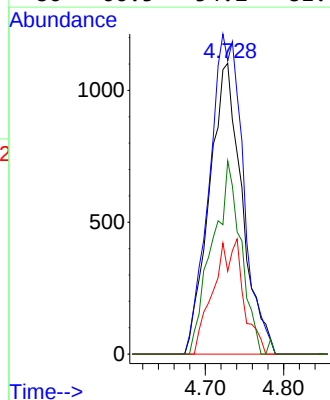
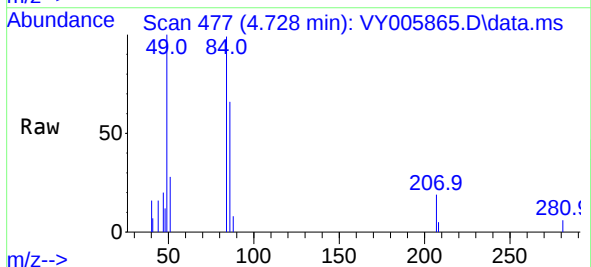
Instrument :
MSVOA_Y
ClientSampleId :
PE-7

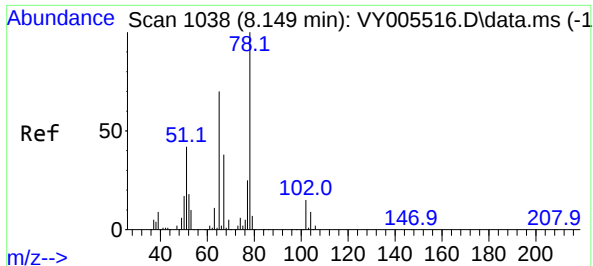
Tgt Ion:168 Resp: 22309
Ion Ratio Lower Upper
168 100
99 49.4 38.9 58.3



#20
Methylene Chloride
Concen: 9.245 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005865.D
Acq: 26 Aug 2021 16:51

Tgt Ion: 84 Resp: 3202
Ion Ratio Lower Upper
84 100
49 100.8 105.8 158.6#
51 28.5 33.4 50.2#
86 66.5 54.2 81.4

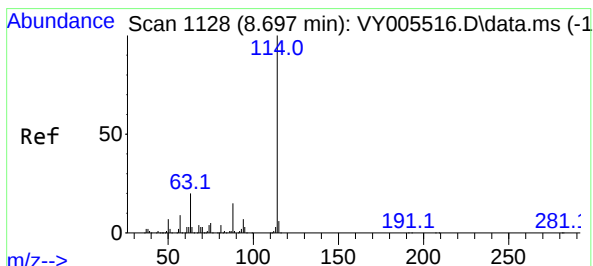
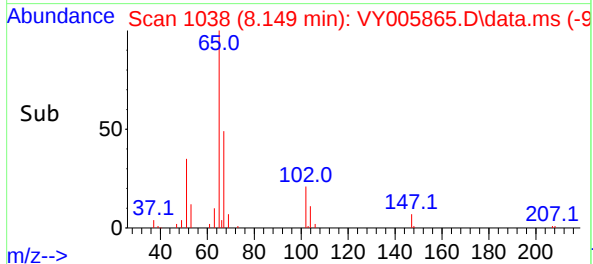
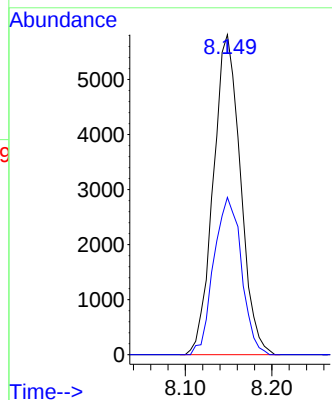
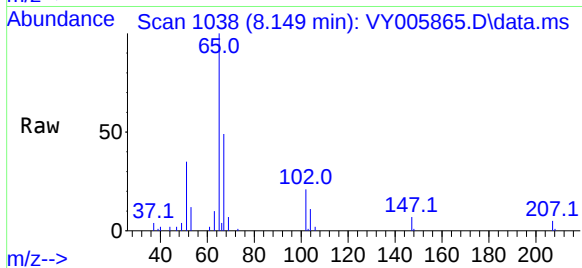




#33
1,2-Dichloroethane-d4
Concen: 56.110 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005865.D
Acq: 26 Aug 2021 16:51

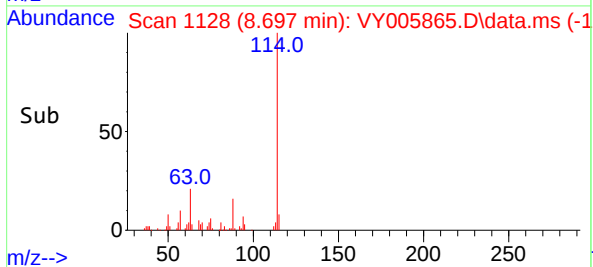
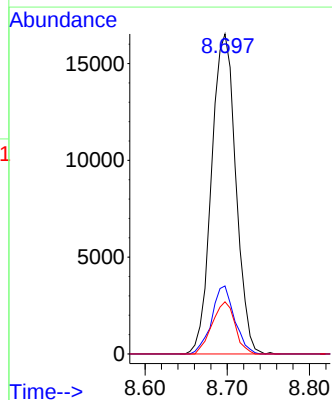
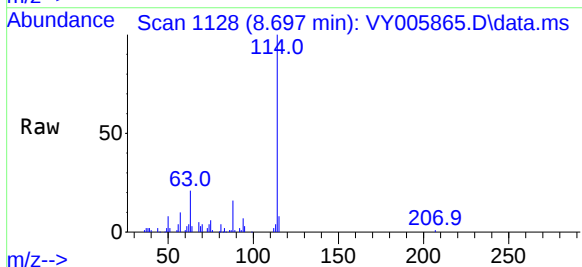
Instrument :
MSVOA_Y
ClientSampled :
PE-7

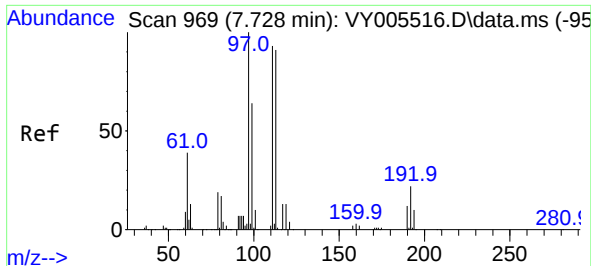
Tgt Ion: 65 Resp: 12671
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005865.D
Acq: 26 Aug 2021 16:51

Tgt Ion: 114 Resp: 33837
Ion Ratio Lower Upper
114 100
63 21.3 0.0 39.2
88 16.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 56.771 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY005865.D

Acq: 26 Aug 2021 16:51

Instrument :

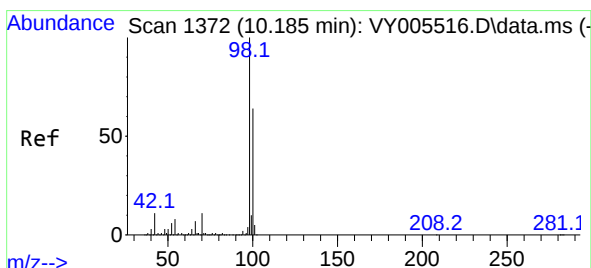
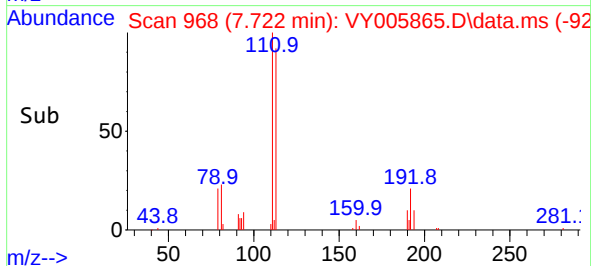
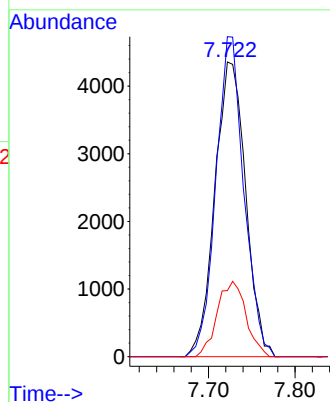
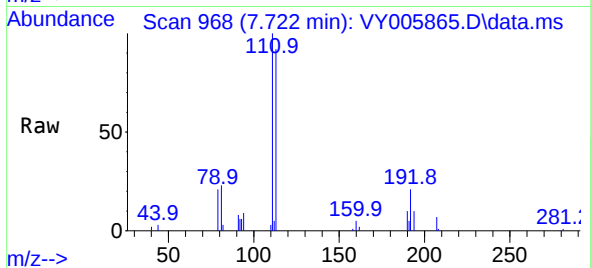
MSVOA_Y

ClientSampleId :

PE-7

Tgt Ion:113 Resp: 10755

Ion	Ratio	Lower	Upper
113	100		
111	98.6	81.9	122.9
192	23.9	19.2	28.8



#50

Toluene-d8

Concen: 54.399 ug/l

RT: 10.185 min Scan# 1372

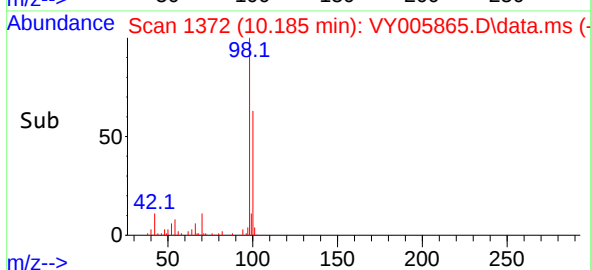
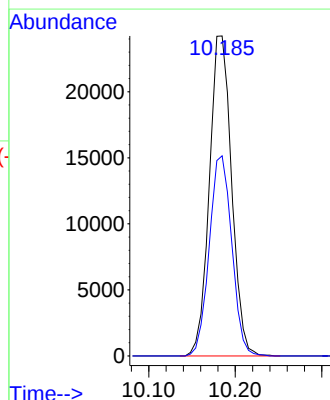
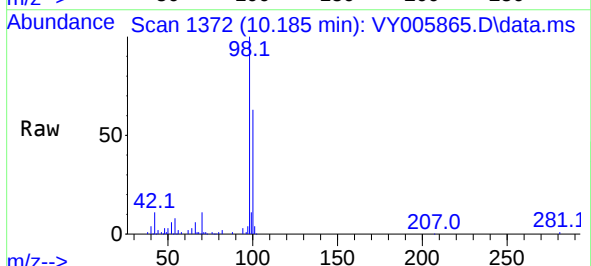
Delta R.T. -0.000 min

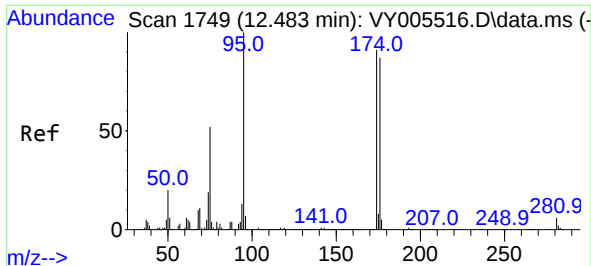
Lab File: VY005865.D

Acq: 26 Aug 2021 16:51

Tgt Ion: 98 Resp: 43221

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.3	76.9

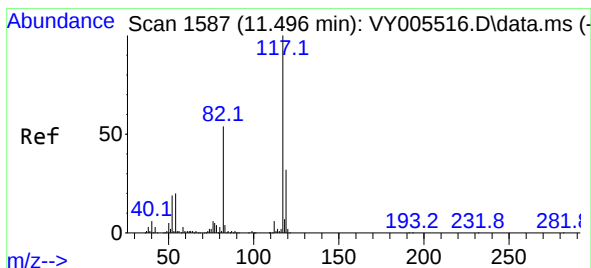
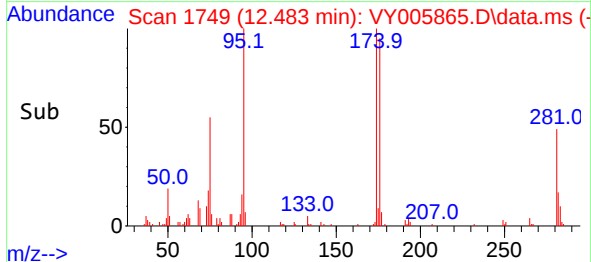
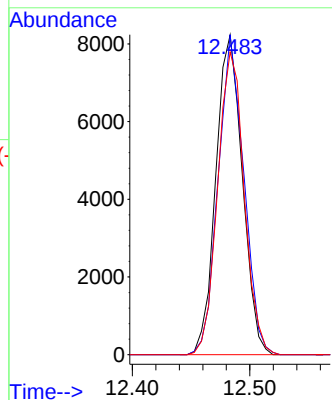
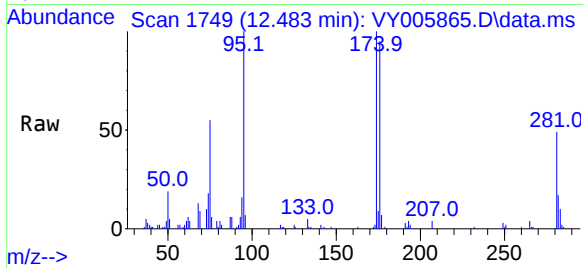




#62
4-Bromofluorobenzene
Concen: 48.992 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005865.D
Acq: 26 Aug 2021 16:51

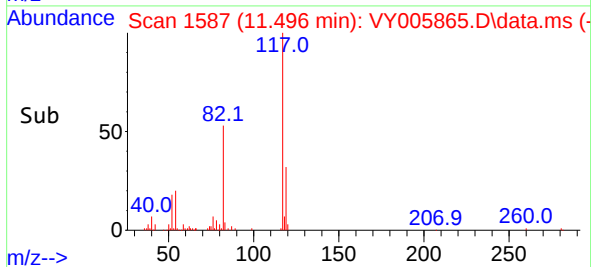
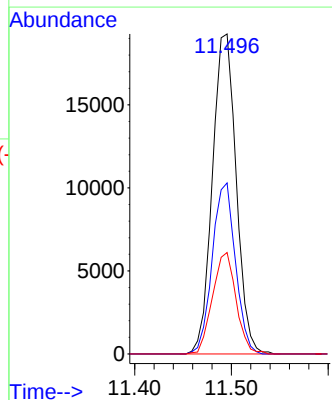
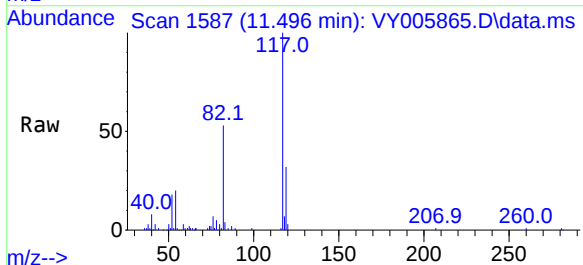
Instrument :
MSVOA_Y
ClientSampleId :
PE-7

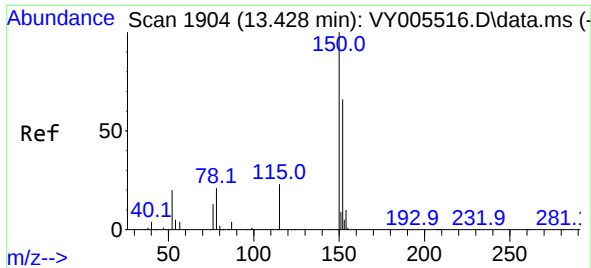
Tgt Ion:	95	Resp:	12890
Ion Ratio	Lower	Upper	
95	100		
174	96.5	0.0	191.4
176	94.6	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005865.D
Acq: 26 Aug 2021 16:51

Tgt Ion:	117	Resp:	32910
Ion Ratio	Lower	Upper	
117	100		
82	53.5	43.5	65.3
119	31.7	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005865.D
 Acq: 26 Aug 2021 16:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-7

Tgt Ion:152 Resp: 14492
 Ion Ratio Lower Upper
 152 100
 115 54.9 27.3 81.9
 150 157.3 0.0 350.2

