

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005601.D
 Acq On : 10 Aug 2021 17:22
 Operator : SY/MD
 Sample : M3333-07
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124027

Quant Time: Aug 11 03:38:24 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	102305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	169010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	164580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82214	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62761	60.605	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.200%
35) Dibromofluoromethane	7.722	113	51001	53.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.800%
50) Toluene-d8	10.185	98	212916	53.652	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.300%
62) 4-Bromofluorobenzene	12.483	95	71268	54.231	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.460%

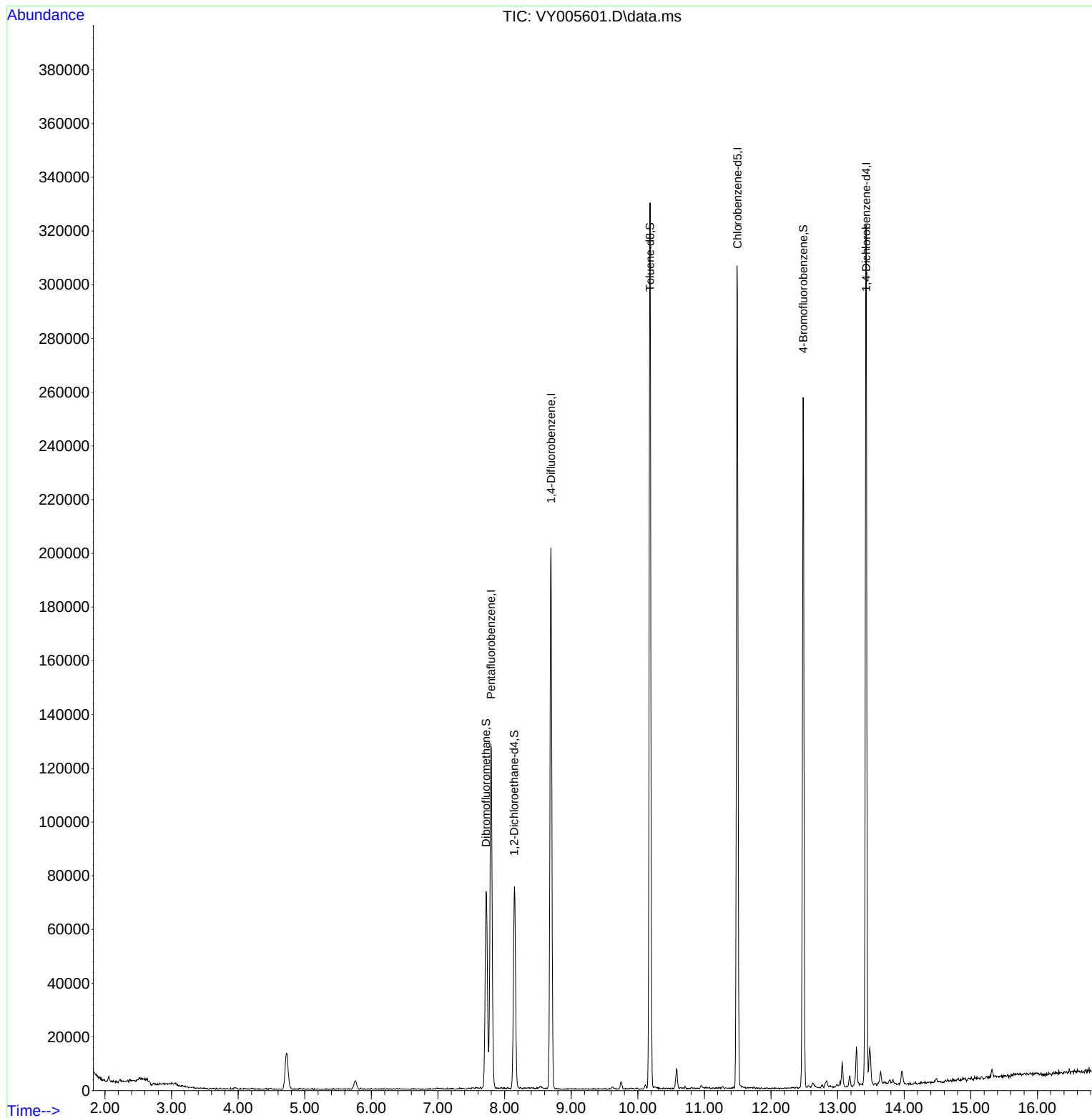
Target Compounds	Qvalue

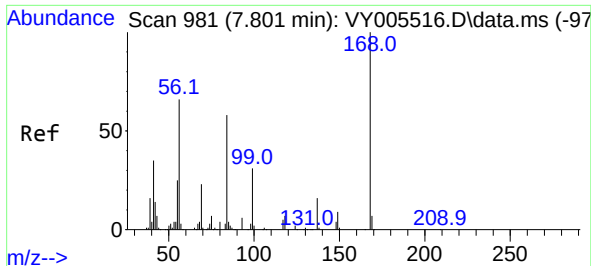
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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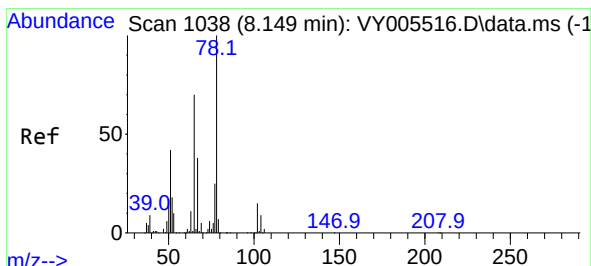
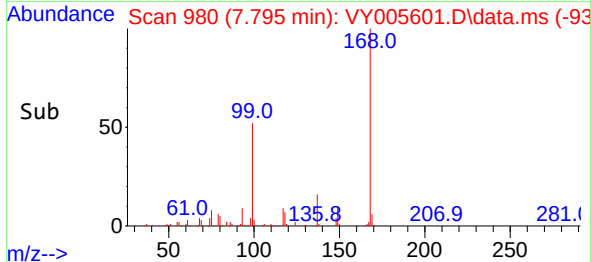
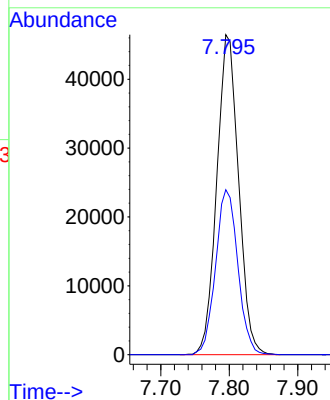
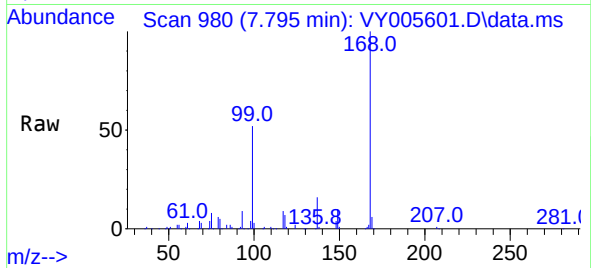




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005601.D
Acq: 10 Aug 2021 17:22

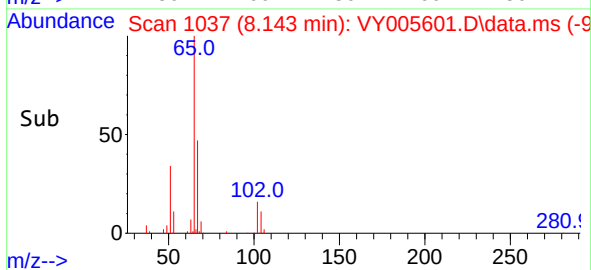
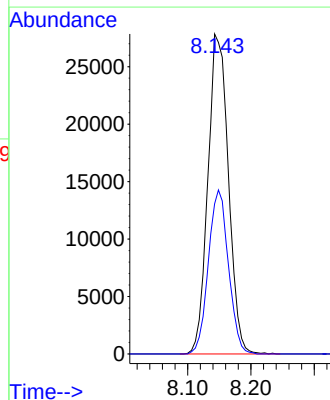
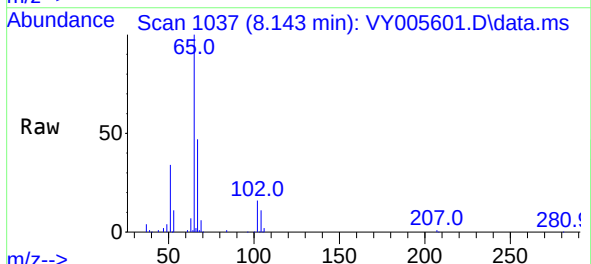
Instrument :
MSVOA_Y
ClientSampleId :
124027

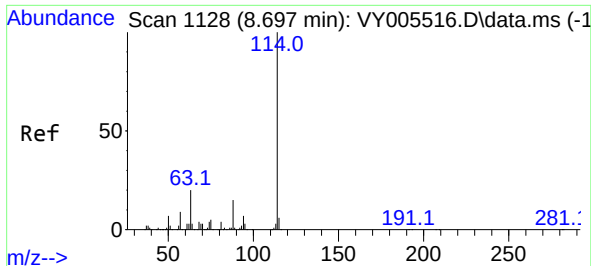
Tgt Ion:168 Resp: 102305
Ion Ratio Lower Upper
168 100
99 51.6 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 60.605 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005601.D
Acq: 10 Aug 2021 17:22

Tgt Ion: 65 Resp: 62761
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.4



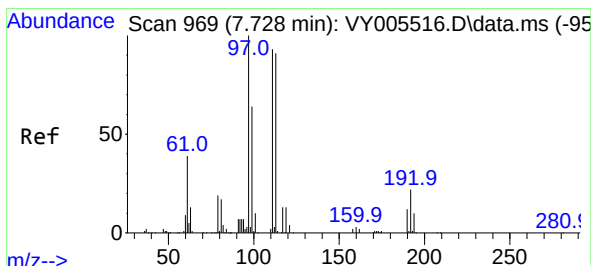
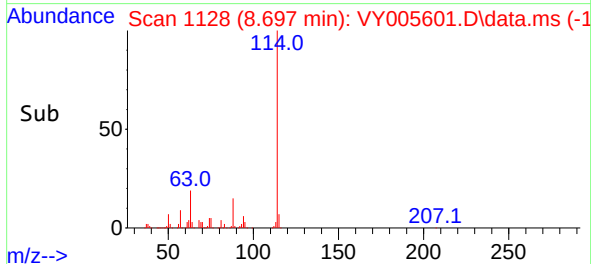
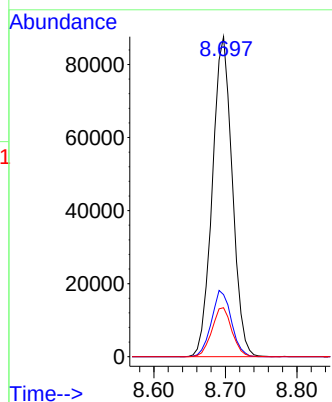
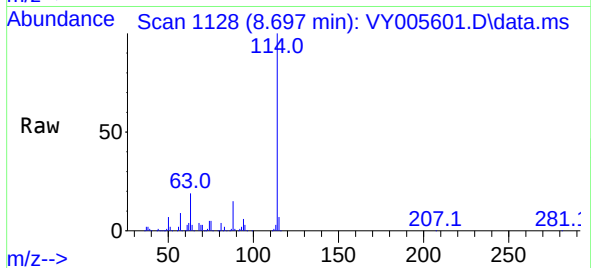


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005601.D
Acq: 10 Aug 2021 17:22

Instrument :
MSVOA_Y
ClientSampleId :
124027

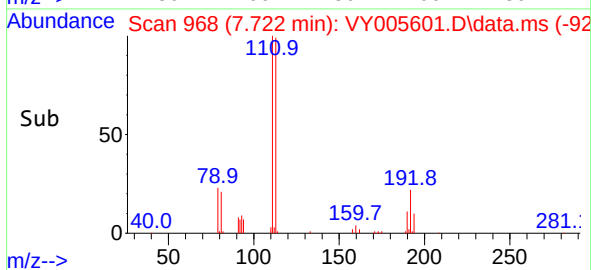
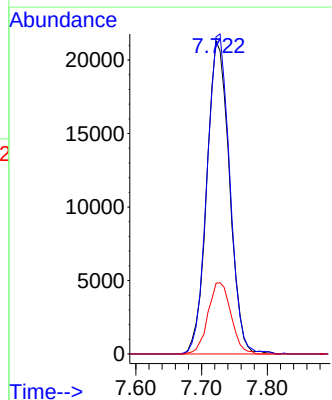
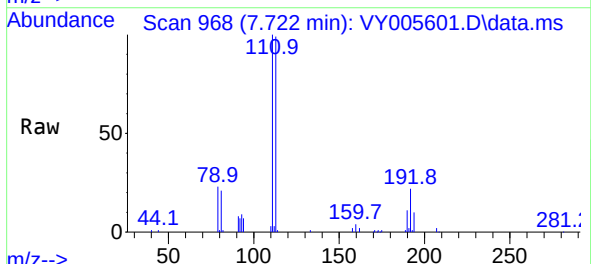
Tgt Ion:	114	Resp:	169010
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	39.2
88	15.3	0.0	30.8

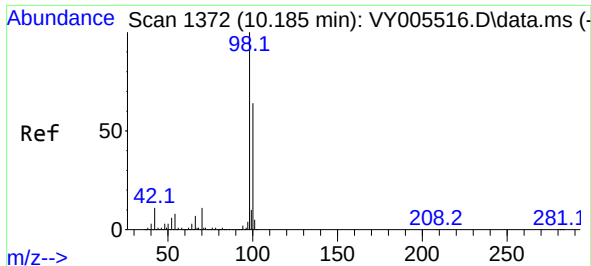


#35

Dibromofluoromethane
Concen: 53.898 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005601.D
Acq: 10 Aug 2021 17:22

Tgt Ion:	113	Resp:	51001
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.9	122.9
192	23.1	19.2	28.8

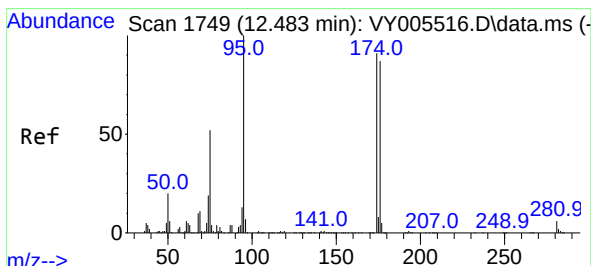
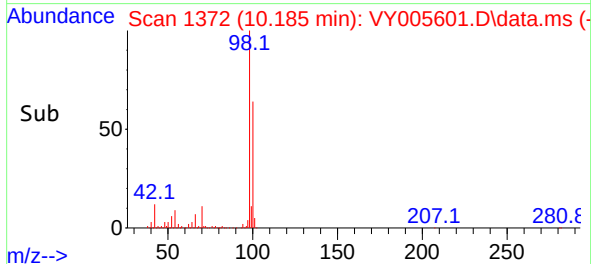
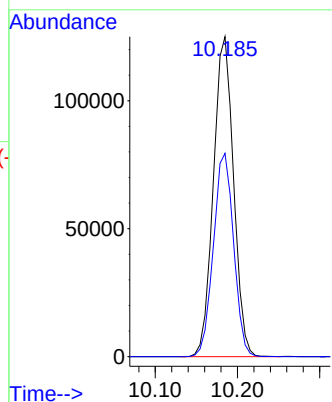
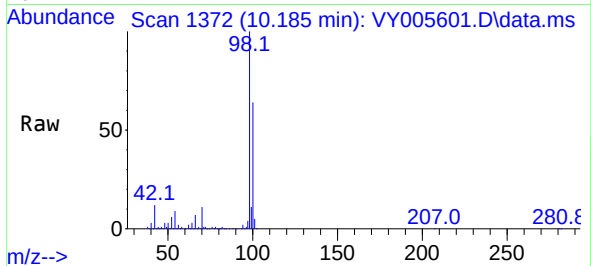




#50
Toluene-d8
Concen: 53.652 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005601.D
Acq: 10 Aug 2021 17:22

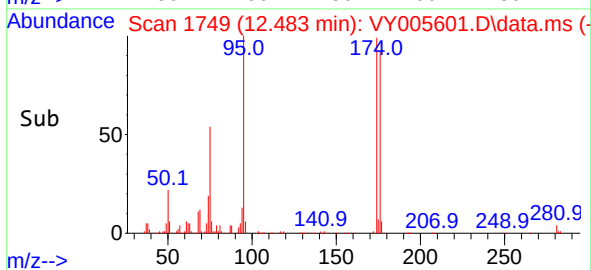
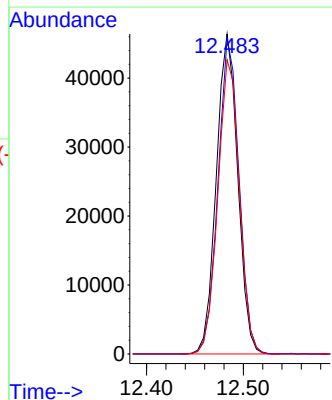
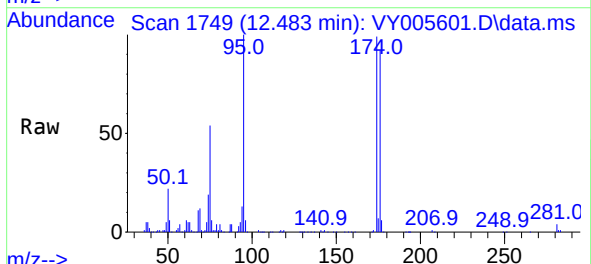
Instrument :
MSVOA_Y
ClientSampleId :
124027

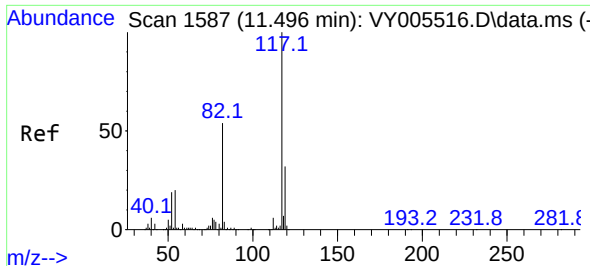
Tgt Ion: 98 Resp: 212916
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 54.231 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005601.D
Acq: 10 Aug 2021 17:22

Tgt Ion: 95 Resp: 71268
Ion Ratio Lower Upper
95 100
174 96.7 0.0 191.4
176 92.1 0.0 183.6

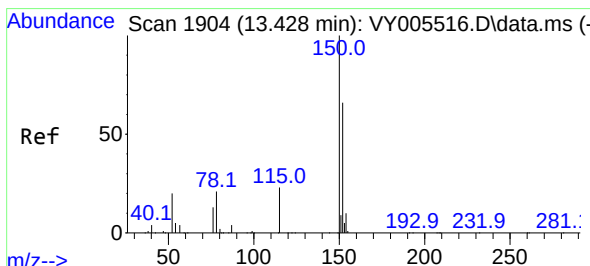
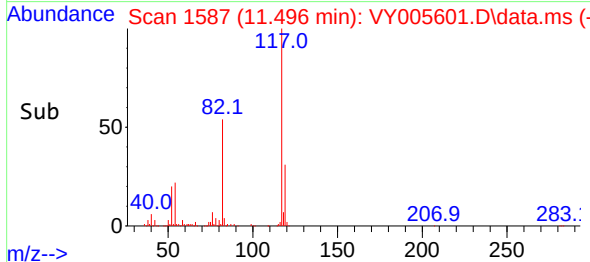
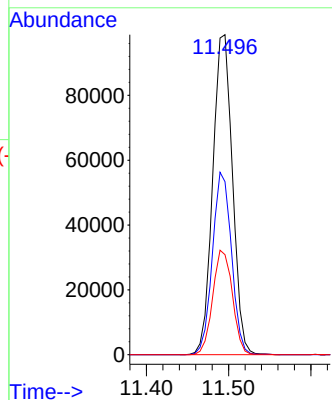
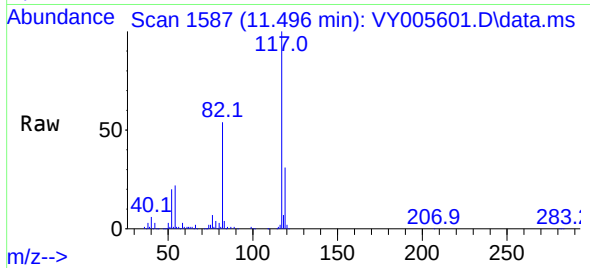




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005601.D
Acq: 10 Aug 2021 17:22

Instrument :
MSVOA_Y
ClientSampleId :
124027

Tgt Ion:	117	Resp:	164580
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.5	65.3
119	31.2	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: VY005601.D
Acq: 10 Aug 2021 17:22

Tgt Ion:	152	Resp:	82214
Ion	Ratio	Lower	Upper
152	100		
115	53.0	27.3	81.9
150	155.6	0.0	350.2

