

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005605.D
 Acq On : 10 Aug 2021 18:55
 Operator : SY/MD
 Sample : M3331-04
 Misc : 6.63G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BSY1-SB-11-9-10

Quant Time: Aug 11 03:38:58 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	215422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	368836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	382714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	198027	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	141206	64.755	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.520%
35) Dibromofluoromethane	7.722	113	114009	55.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.420%
50) Toluene-d8	10.185	98	479579	55.375	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.740%
62) 4-Bromofluorobenzene	12.483	95	171149	59.677	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.360%

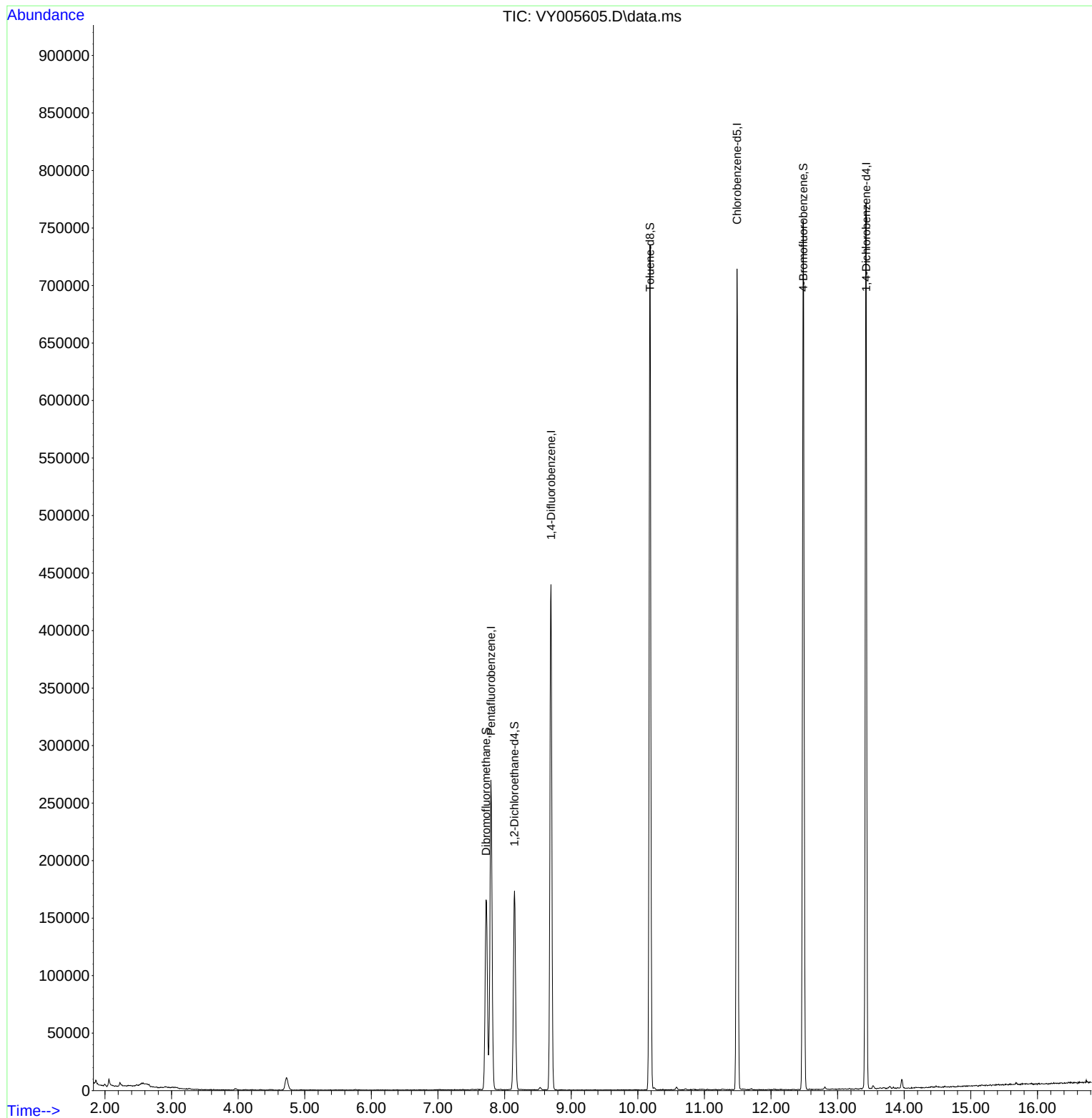
Target Compounds	Qvalue

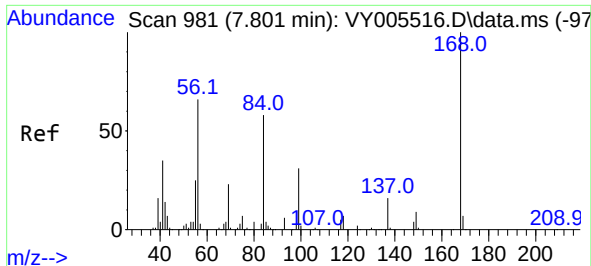
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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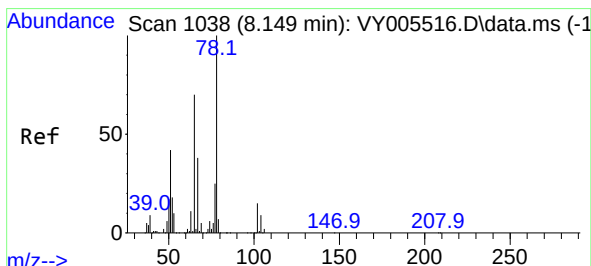
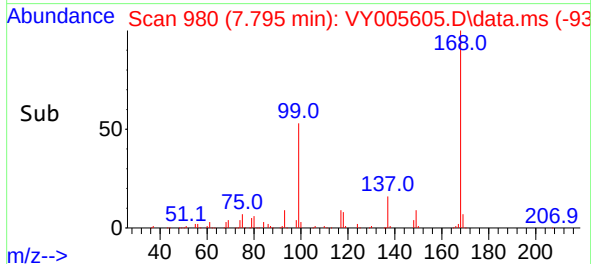
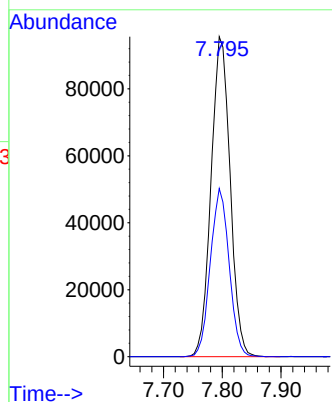
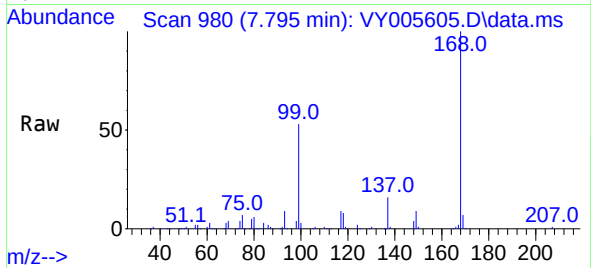




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

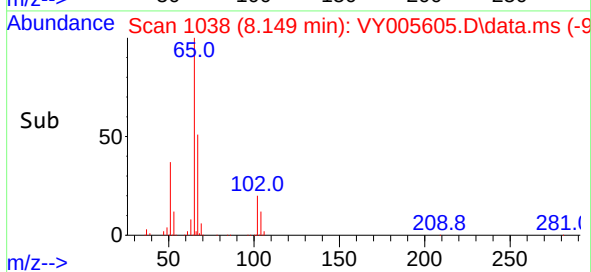
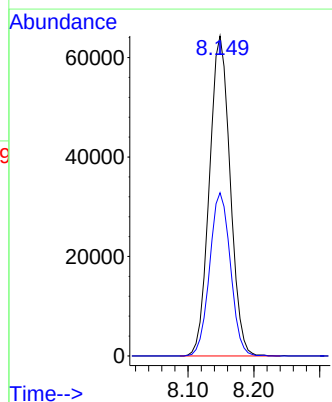
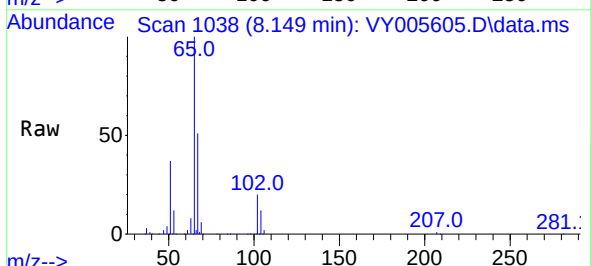
Instrument :
MSVOA_Y
ClientSampleId :
BSY1-SB-11-9-10

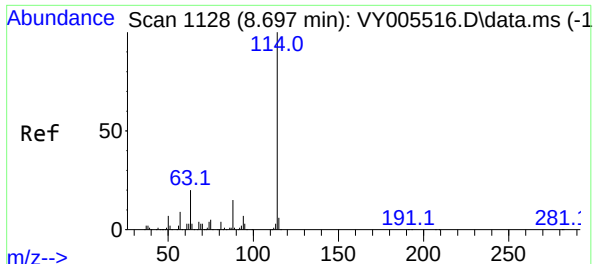
Tgt Ion:168 Resp: 215422
Ion Ratio Lower Upper
168 100
99 52.5 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 64.755 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

Tgt Ion: 65 Resp: 141206
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

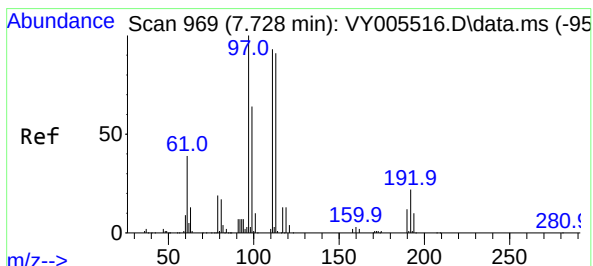
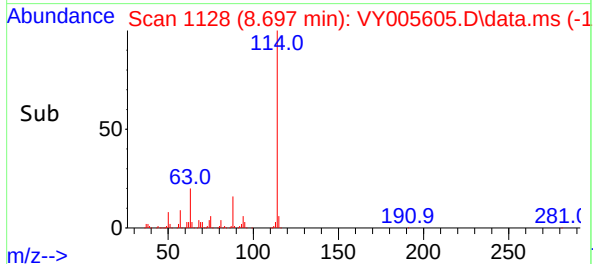
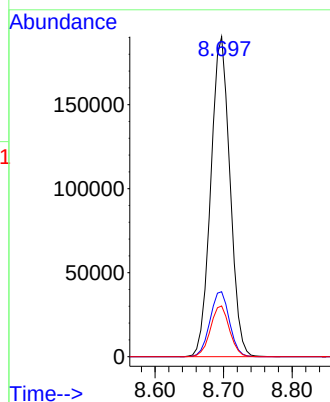
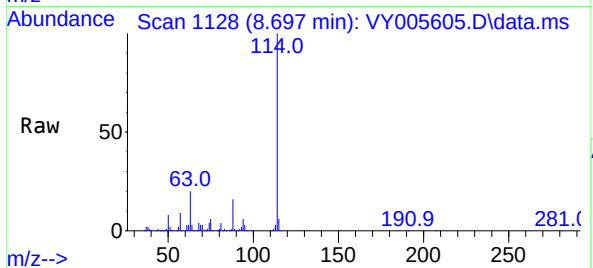




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

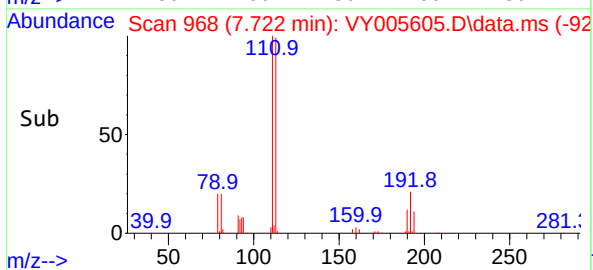
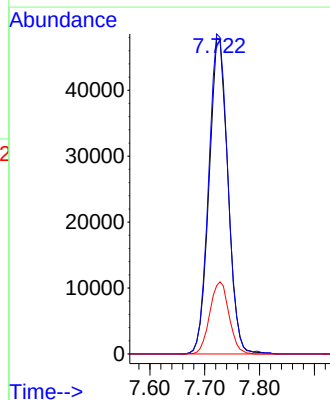
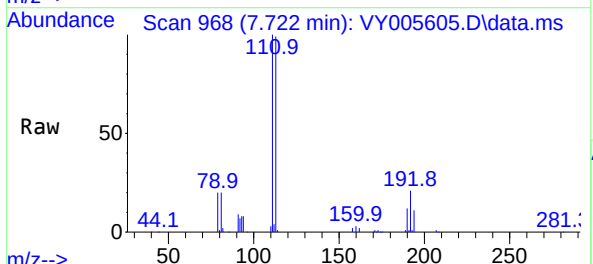
Instrument :
MSVOA_Y
ClientSampleId :
BSY1-SB-11-9-10

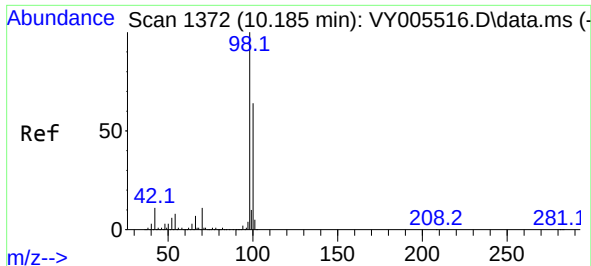
Tgt Ion:	114	Resp:	368836
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.2
88	15.9	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.210 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

Tgt Ion:	113	Resp:	114009
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	23.3	19.2	28.8

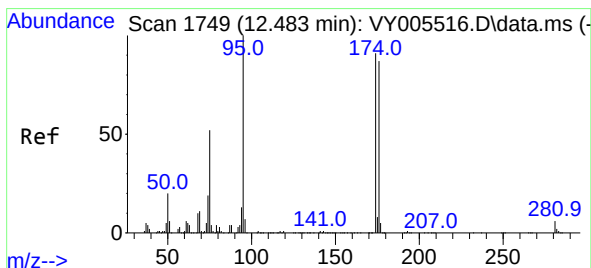
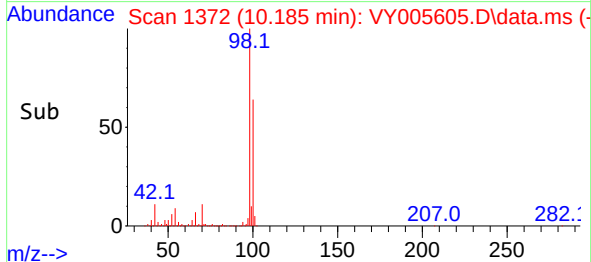
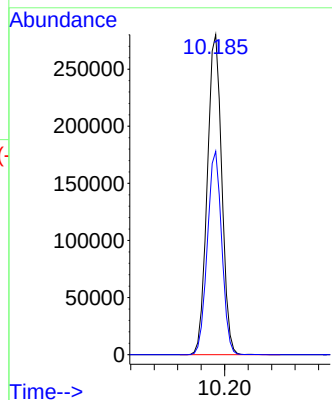
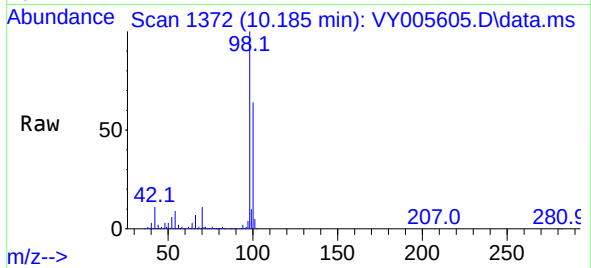




#50
Toluene-d8
Concen: 55.375 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

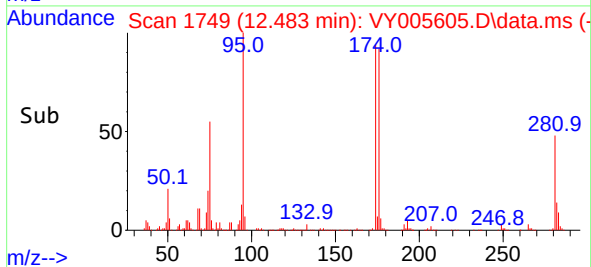
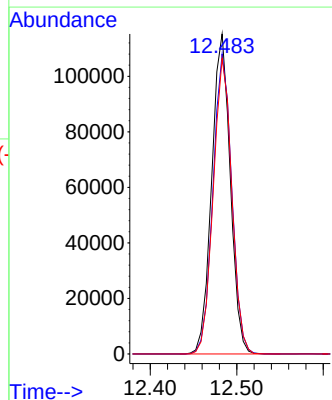
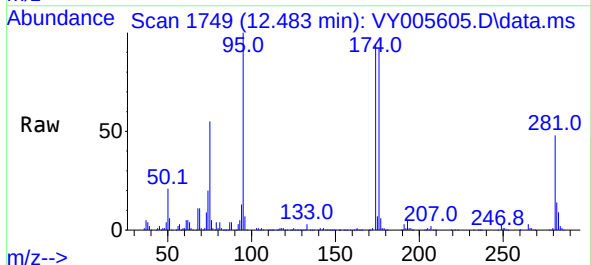
Instrument :
MSVOA_Y
ClientSampleId :
BSY1-SB-11-9-10

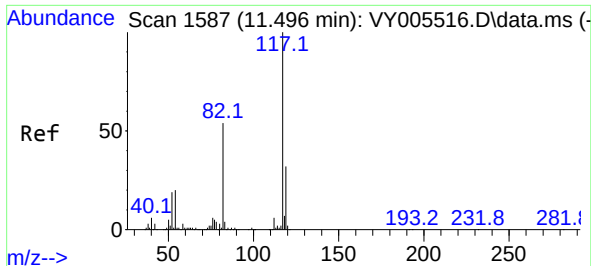
Tgt Ion: 98 Resp: 479579
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.677 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

Tgt Ion: 95 Resp: 171149
Ion Ratio Lower Upper
95 100
174 94.8 0.0 191.4
176 92.6 0.0 183.6



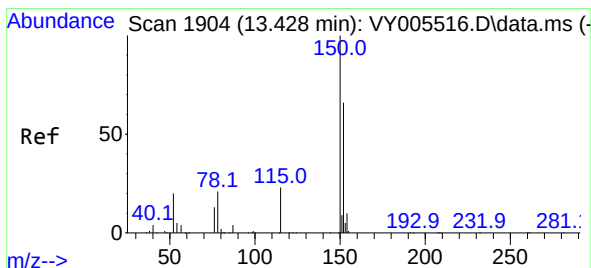
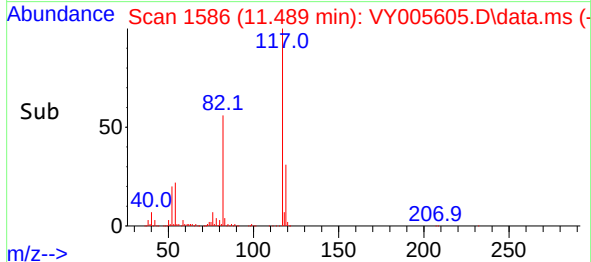
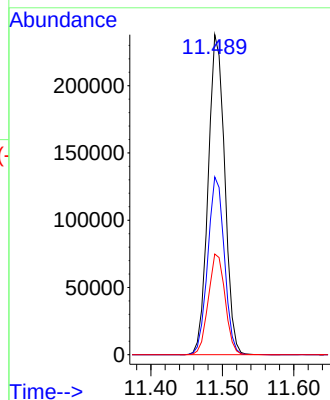
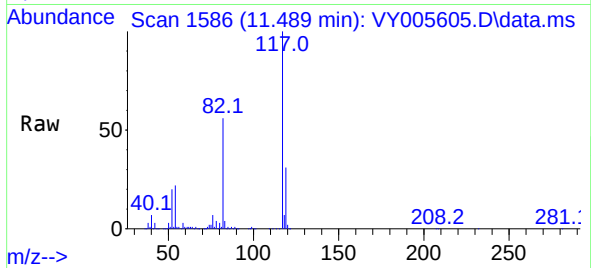


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005605.D
Acq: 10 Aug 2021 18:55

Instrument :
MSVOA_Y
ClientSampleId :
BSY1-SB-11-9-10

Tgt Ion:117 Resp: 382714

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.5	65.3
119	31.5	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: VY005605.D
Acq: 10 Aug 2021 18:55

Tgt Ion:152 Resp: 198027

Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.3	81.9
150	157.6	0.0	350.2

