

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
 Data File : VY005623.D
 Acq On : 12 Aug 2021 15:29
 Operator : SY/MD
 Sample : M3331-08
 Misc : 6.84G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BSY1-SB-13-0-1

Quant Time: Aug 13 04:22:55 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	7.801	168	267147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	454964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	367139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138675	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	159527	58.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.980%
35) Dibromofluoromethane	7.728	113	139447	54.744	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.480%
50) Toluene-d8	10.185	98	512645	47.987	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.483	95	149100	42.147	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.300%

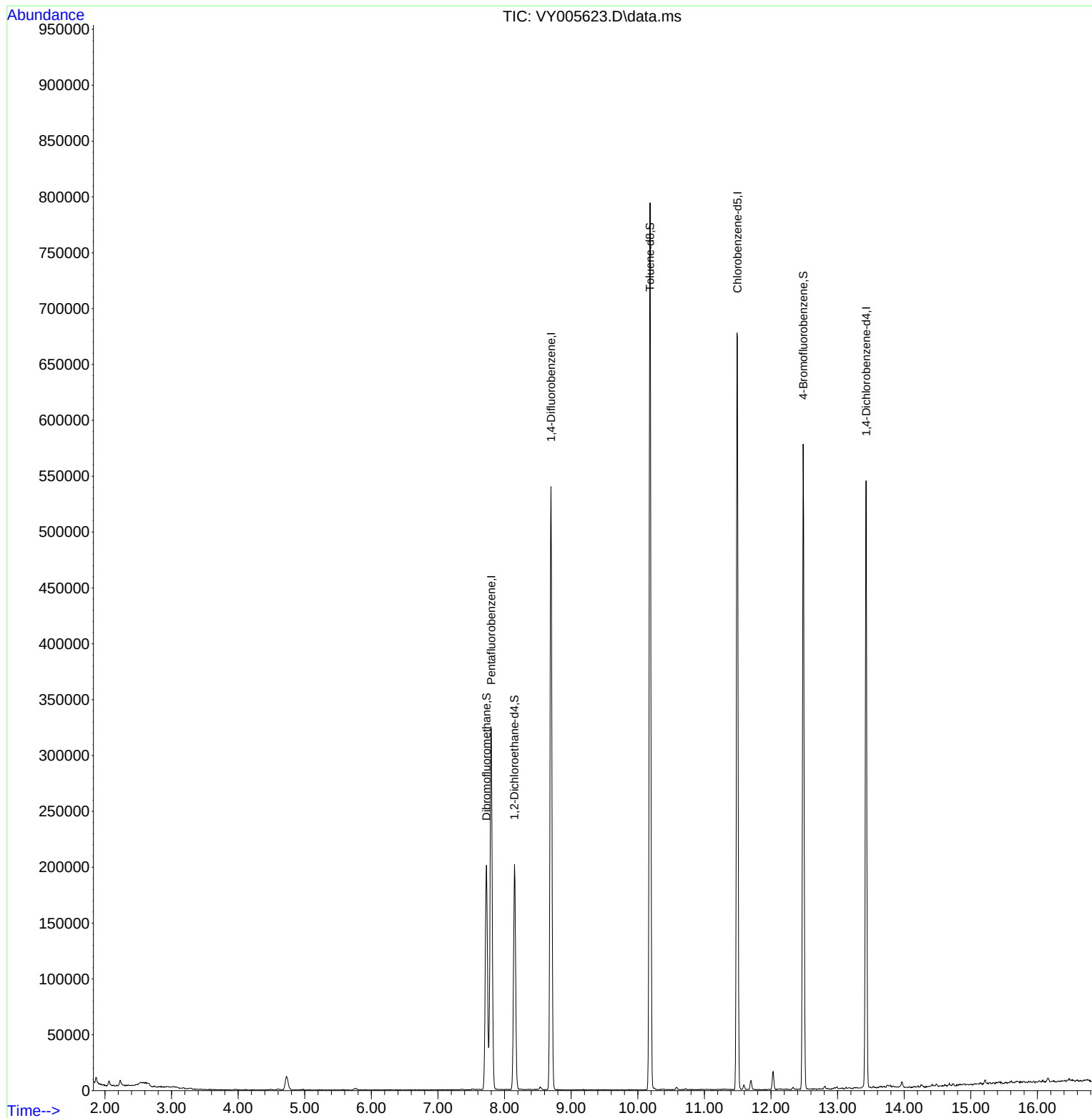
Target Compounds	Qvalue

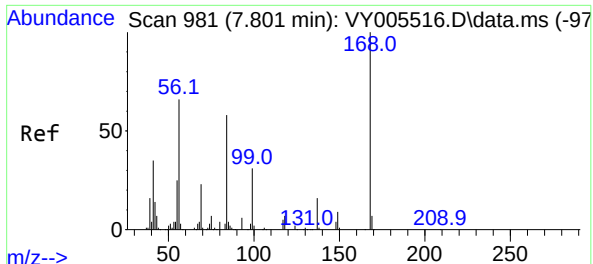
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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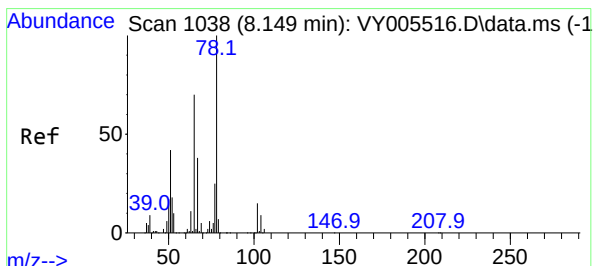
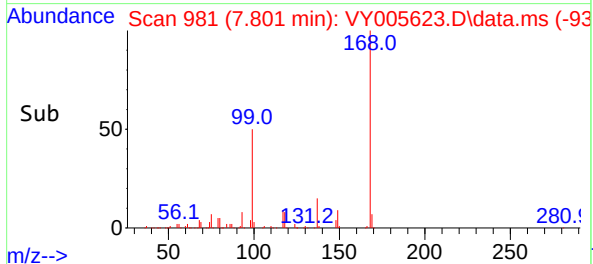
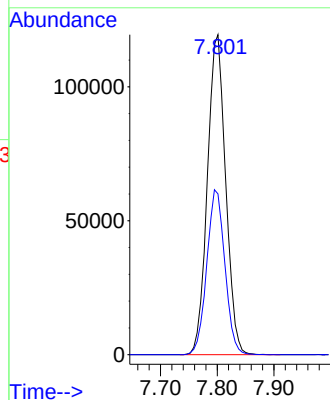
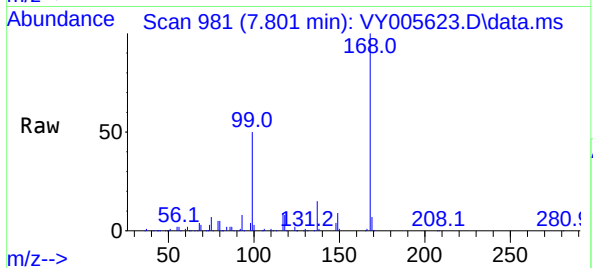




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

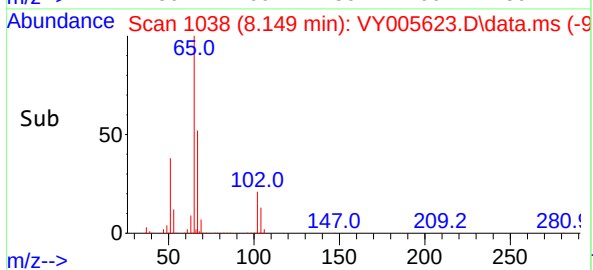
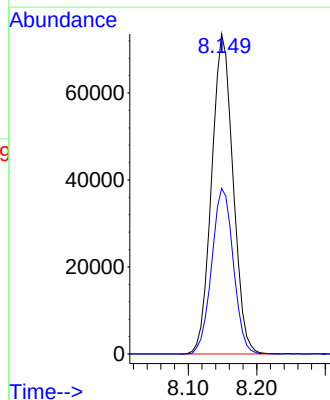
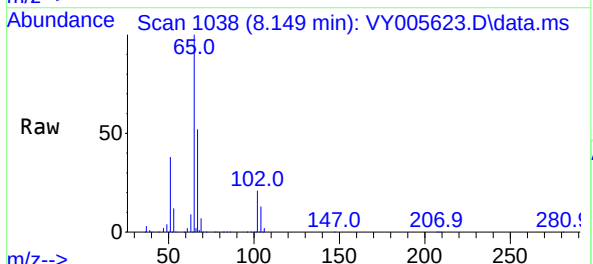
Instrument :
MSVOA_Y
ClientSampleId :
BSY1-SB-13-0-1

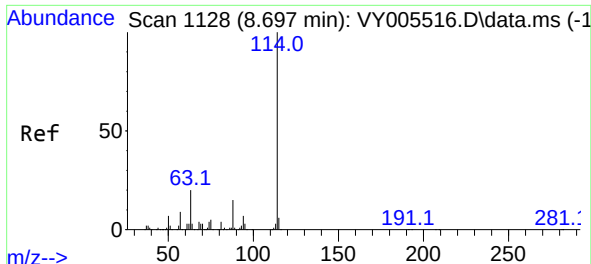
Tgt Ion:168 Resp: 267147
Ion Ratio Lower Upper
168 100
99 50.3 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 58.992 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

Tgt Ion: 65 Resp: 159527
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4



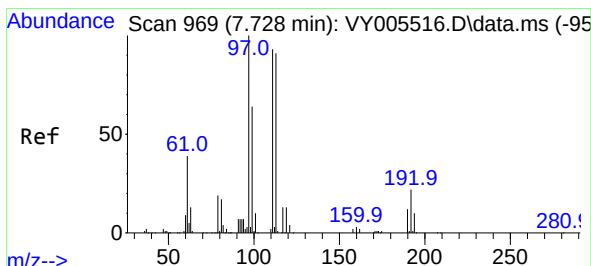
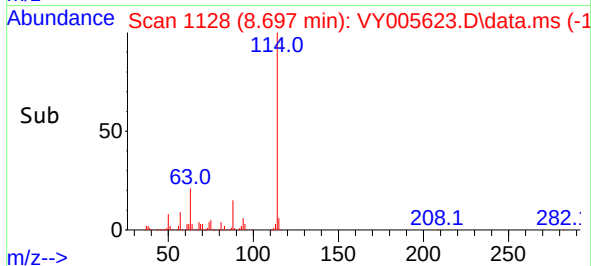
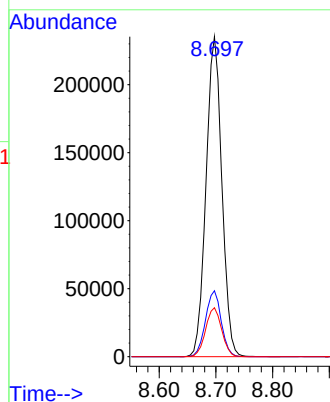
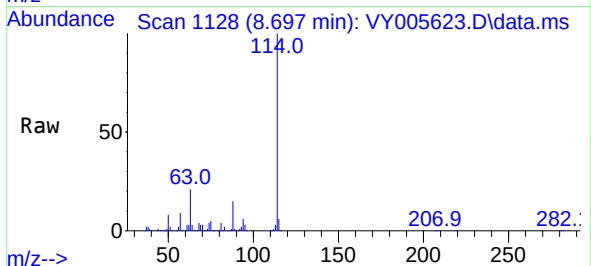


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

Instrument :
MSVOA_Y
ClientSampleId :
BSY1-SB-13-0-1

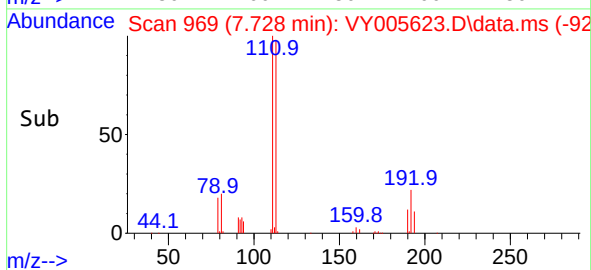
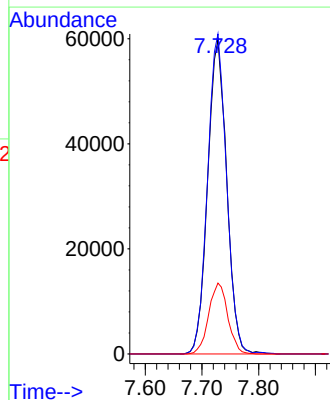
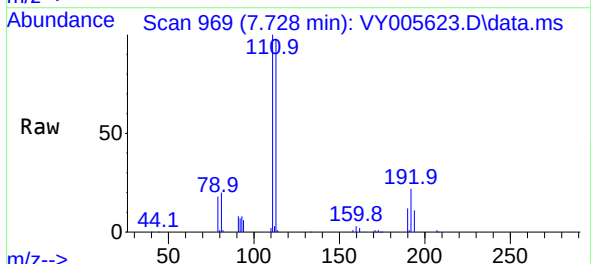
Tgt Ion:	114	Resp:	454964
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.2
88	15.3	0.0	30.8

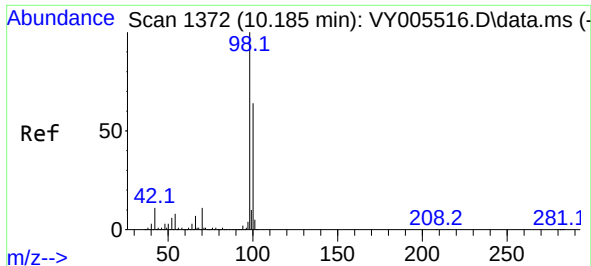


#35

Dibromofluoromethane
Concen: 54.744 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

Tgt Ion:	113	Resp:	139447
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	22.6	19.2	28.8

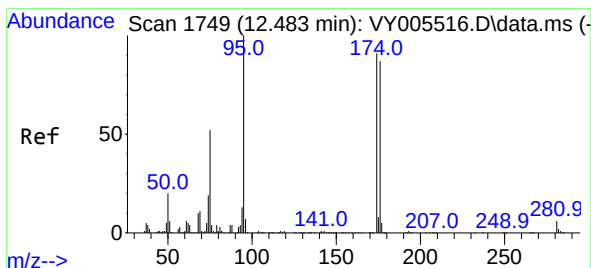
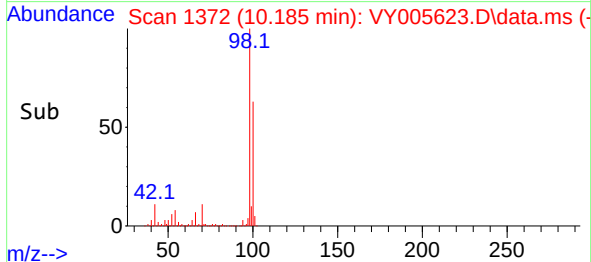
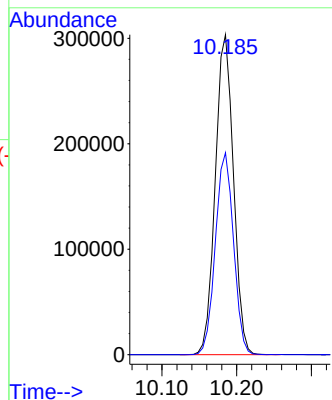
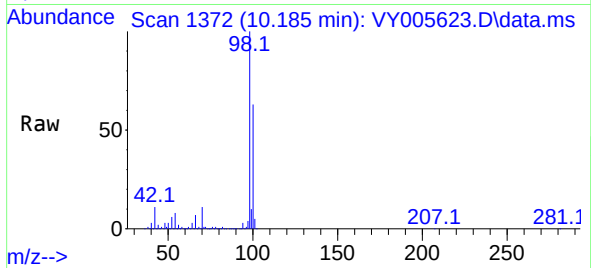




#50
Toluene-d8
Concen: 47.987 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

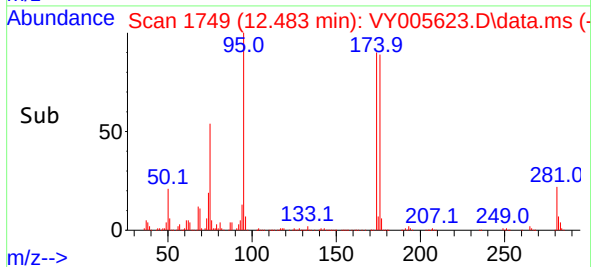
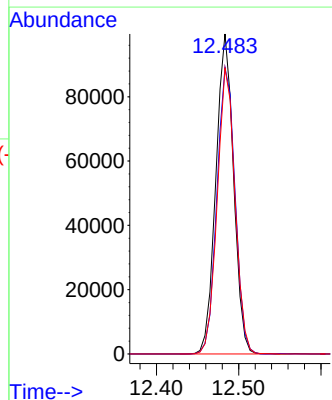
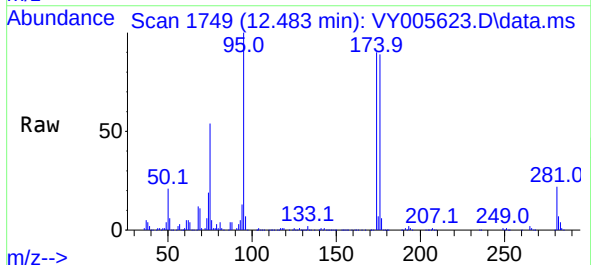
Instrument :
MSVOA_Y
ClientSampleId :
BSY1-SB-13-0-1

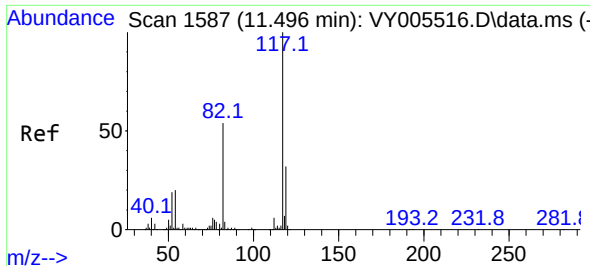
Tgt Ion: 98 Resp: 512645
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 42.147 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

Tgt Ion: 95 Resp: 149100
Ion Ratio Lower Upper
95 100
174 91.8 0.0 191.4
176 89.5 0.0 183.6

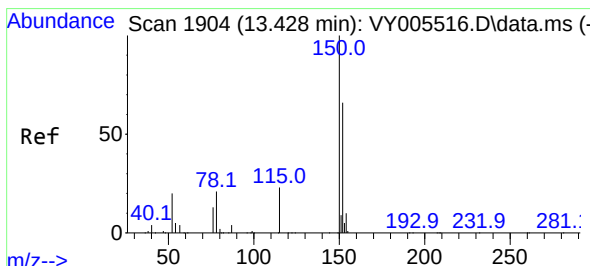
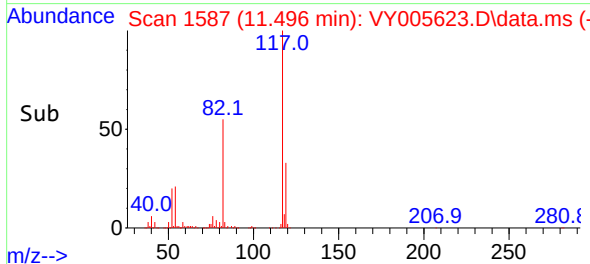
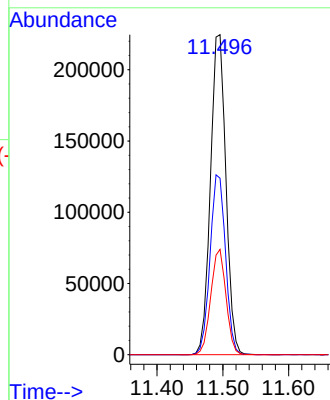
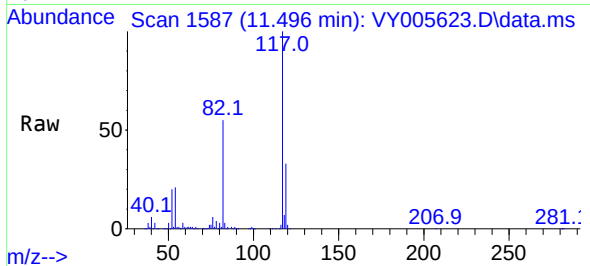




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005623.D
Acq: 12 Aug 2021 15:29

Instrument :
MSVOA_Y
ClientSampleId :
BSY1-SB-13-0-1

Tgt Ion:	117	Resp:	367139
Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.5	65.3
119	32.9	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: VY005623.D
Acq: 12 Aug 2021 15:29

Tgt Ion:	152	Resp:	138675
Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.3	81.9
150	156.3	0.0	350.2

