

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005150.D
 Acq On : 17 Jun 2021 12:27
 Operator : SY/MD
 Sample : VY0617SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0617SBL01

Quant Time: Jun 18 02:59:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	166811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	298835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	284419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130962	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	99372	61.611	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.220%
35) Dibromofluoromethane	7.728	113	90229	70.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	140.500%
50) Toluene-d8	10.185	98	360604	56.641	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.280%
62) 4-Bromofluorobenzene	12.483	95	120079	56.081	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.160%

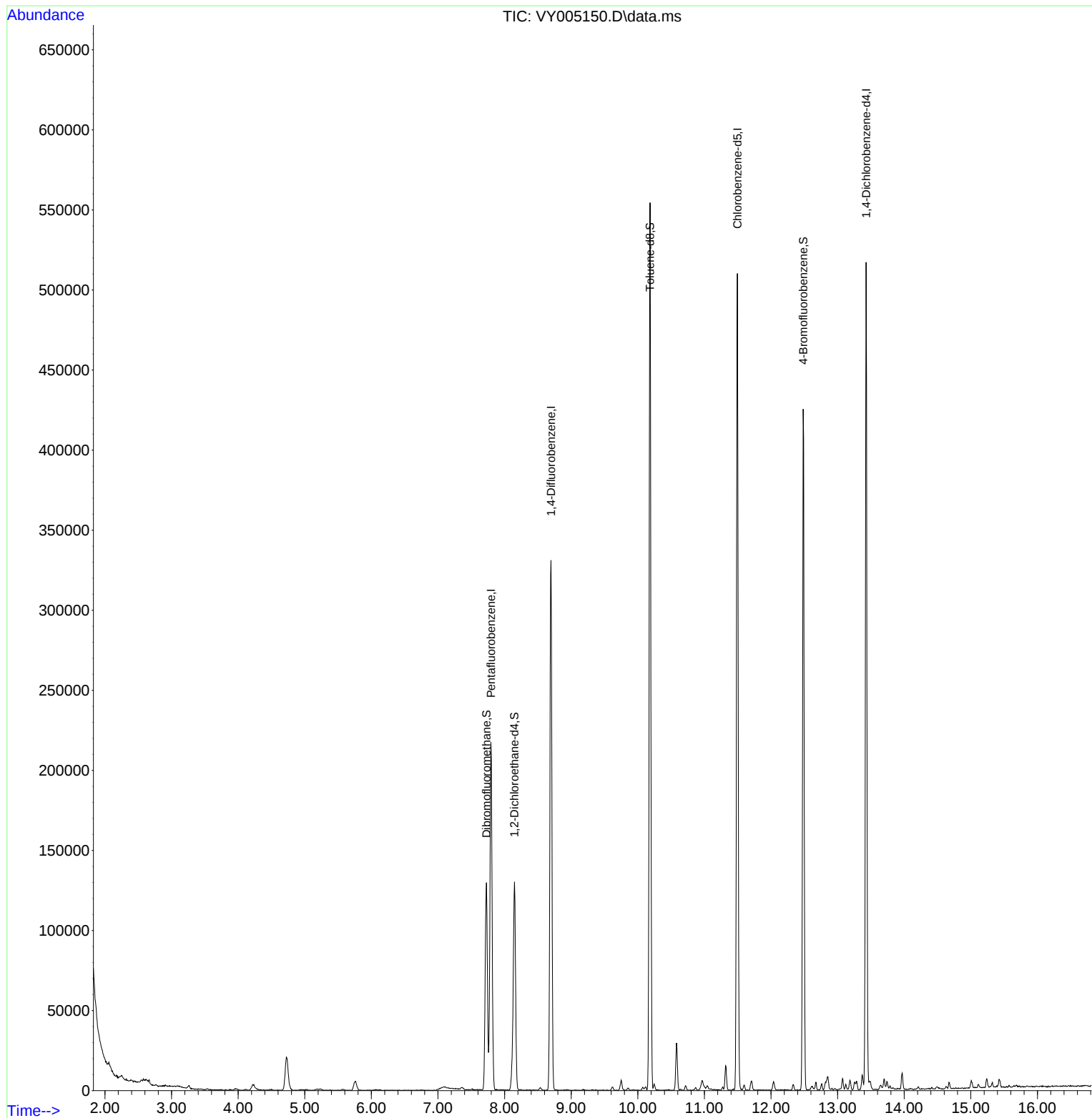
Target Compounds	Qvalue

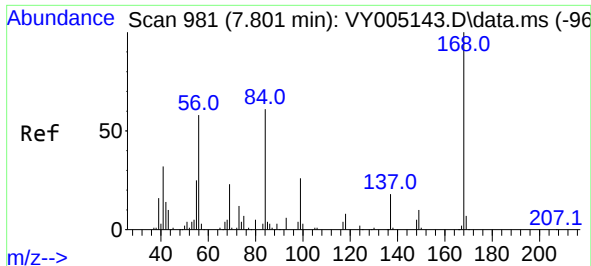
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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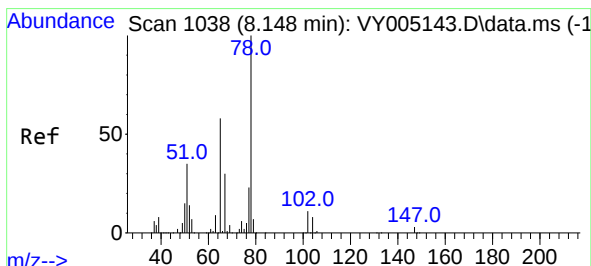
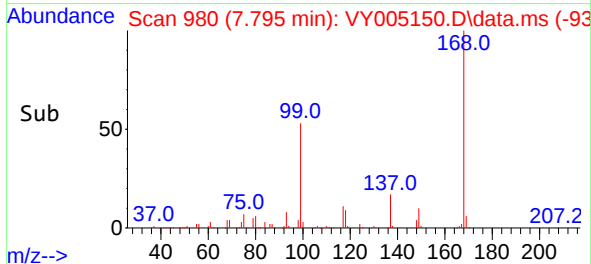
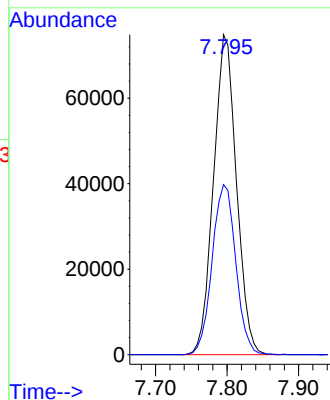
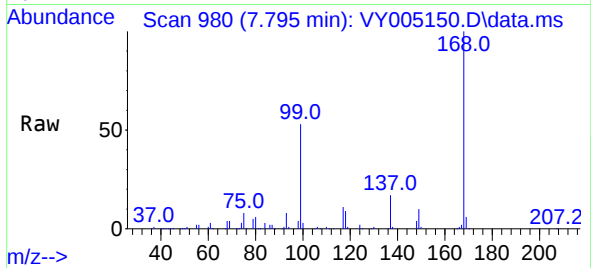




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005150.D
Acq: 17 Jun 2021 12:27

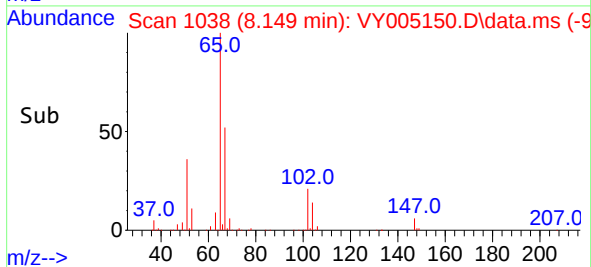
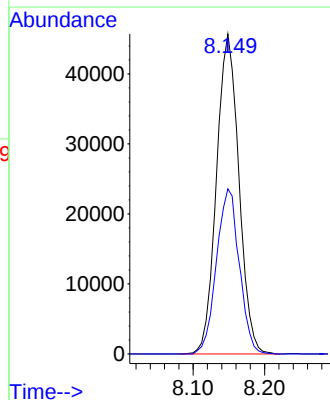
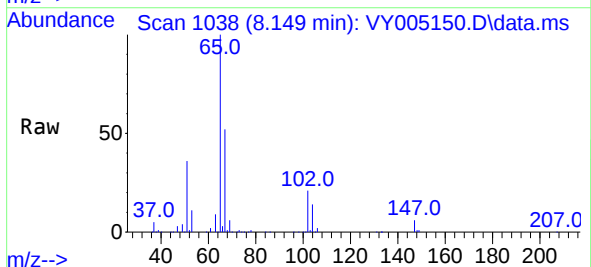
Instrument :
MSVOA_Y
ClientSampleId :
VY0617SBL01

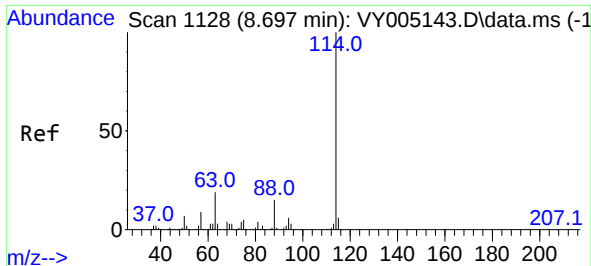
Tgt Ion:168 Resp: 166811
Ion Ratio Lower Upper
168 100
99 53.1 44.5 66.7



#33
1,2-Dichloroethane-d4
Concen: 61.611 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005150.D
Acq: 17 Jun 2021 12:27

Tgt Ion: 65 Resp: 99372
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

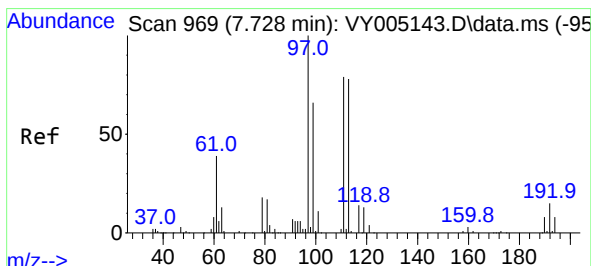
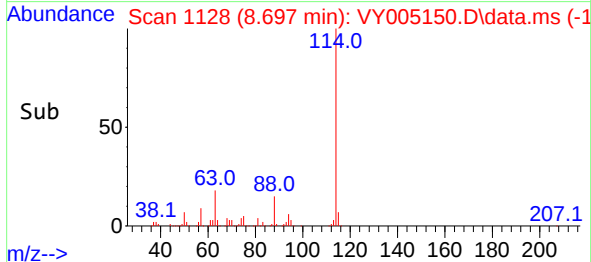
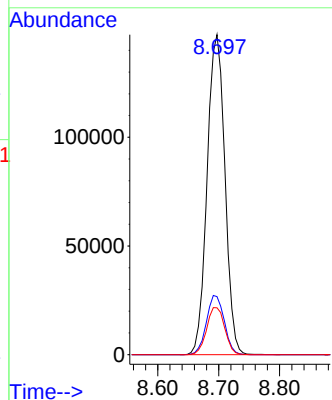
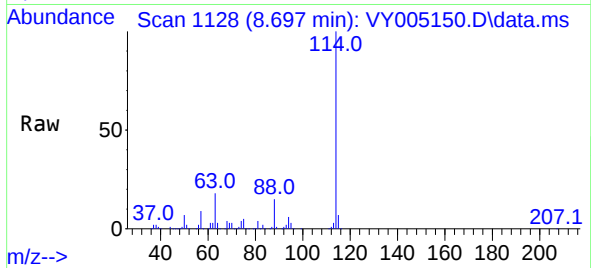




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005150.D
Acq: 17 Jun 2021 12:27

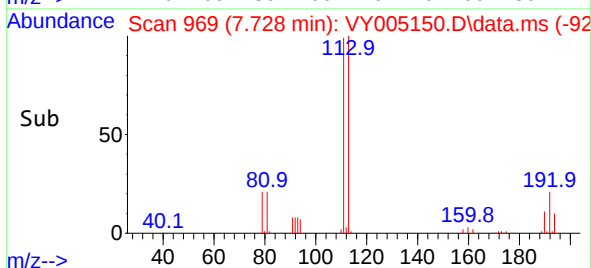
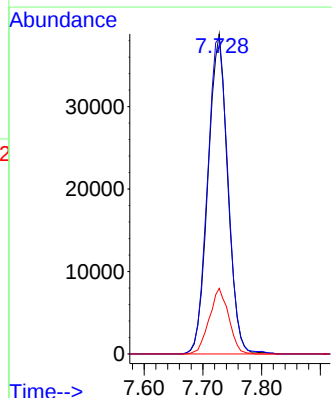
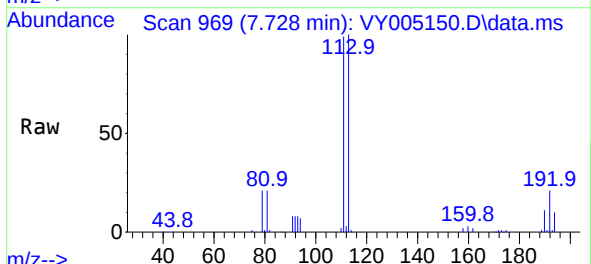
Instrument :
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ClientSampleId :
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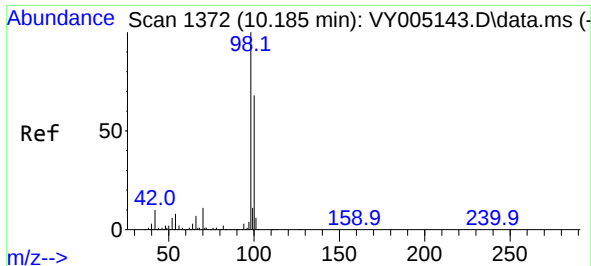
Tgt Ion:114 Resp: 298835
Ion Ratio Lower Upper
114 100
63 18.2 0.0 37.6
88 14.7 0.0 29.6



#35
Dibromofluoromethane
Concen: 70.246 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005150.D
Acq: 17 Jun 2021 12:27

Tgt Ion:113 Resp: 90229
Ion Ratio Lower Upper
113 100
111 102.7 82.3 123.5
192 20.3 16.2 24.2

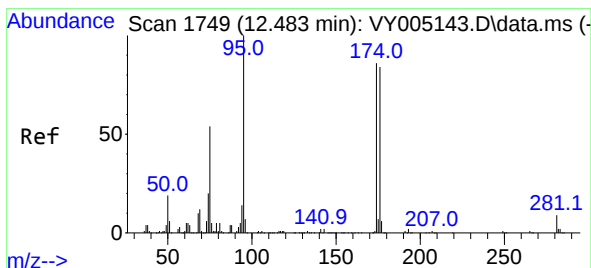
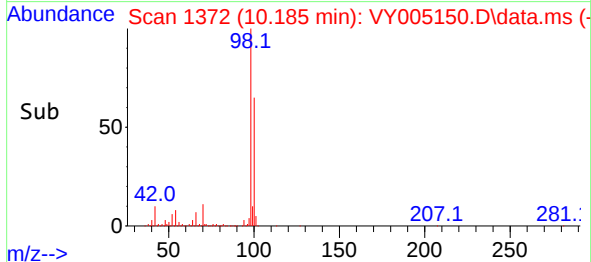
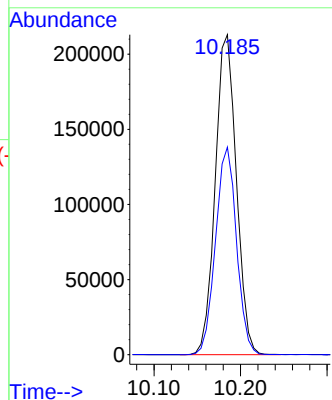
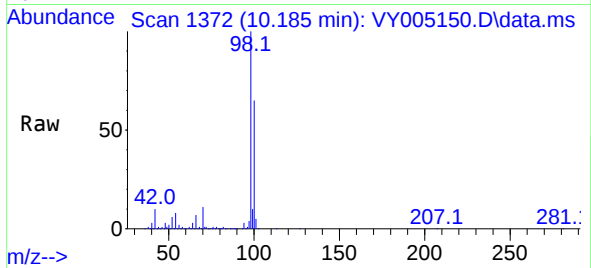




#50
Toluene-d8
Concen: 56.641 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005150.D
Acq: 17 Jun 2021 12:27

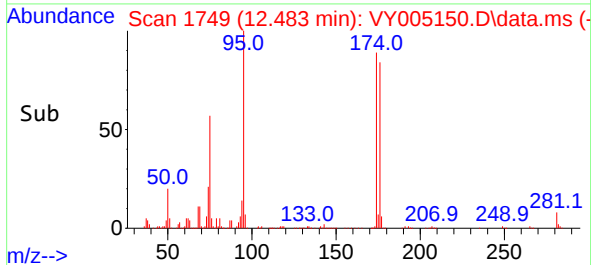
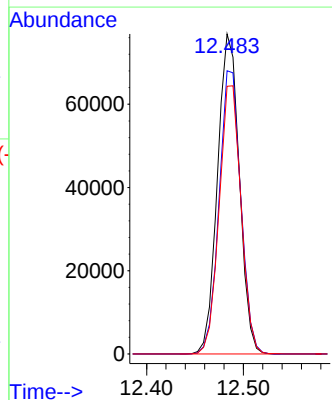
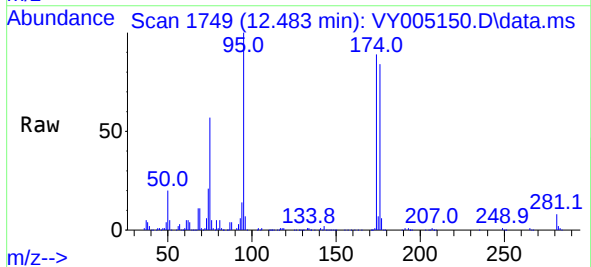
Instrument :
MSVOA_Y
ClientSampleId :
VY0617SBL01

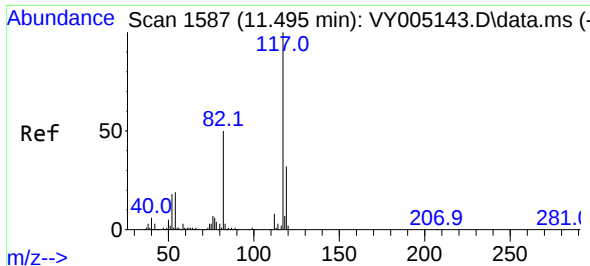
Tgt Ion: 98 Resp: 360604
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.081 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005150.D
Acq: 17 Jun 2021 12:27

Tgt Ion: 95 Resp: 120079
Ion Ratio Lower Upper
95 100
174 88.1 0.0 179.2
176 84.3 0.0 174.0

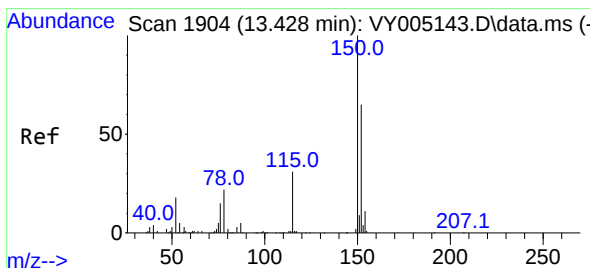
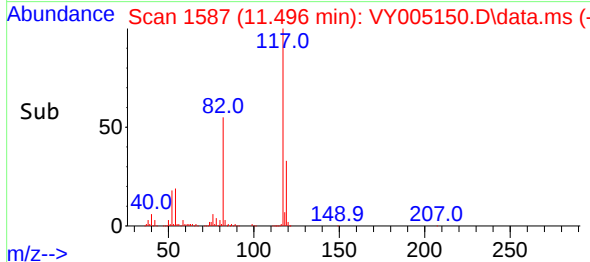
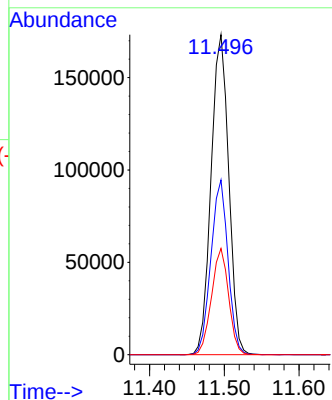
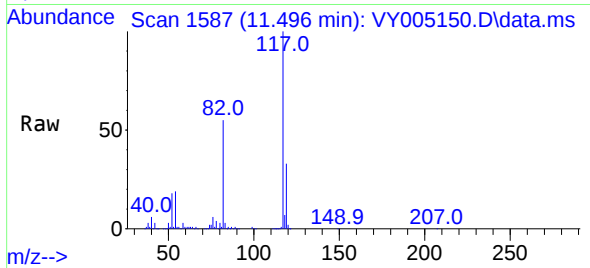




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005150.D
Acq: 17 Jun 2021 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0617SBL01

Tgt Ion:	117	Resp:	284419
Ion	Ratio	Lower	Upper
117	100		
82	54.6	39.8	59.6
119	33.2	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005150.D
Acq: 17 Jun 2021 12:27

Tgt Ion:	152	Resp:	130962
Ion	Ratio	Lower	Upper
152	100		
115	57.4	29.5	88.6
150	158.2	0.0	348.2

