

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005794.D
 Acq On : 20 Aug 2021 15:42
 Operator : SY/MD
 Sample : M3467-20
 Misc : 3.77G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-5-(184.50)-VOC-GRAB

Quant Time: Aug 23 01:08:11 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	181064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	298640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	243603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70885	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113866	62.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.260%
35) Dibromofluoromethane	7.728	113	94226	56.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.700%
50) Toluene-d8	10.185	98	374756	53.443	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.880%
62) 4-Bromofluorobenzene	12.483	95	81326	35.022	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.040%

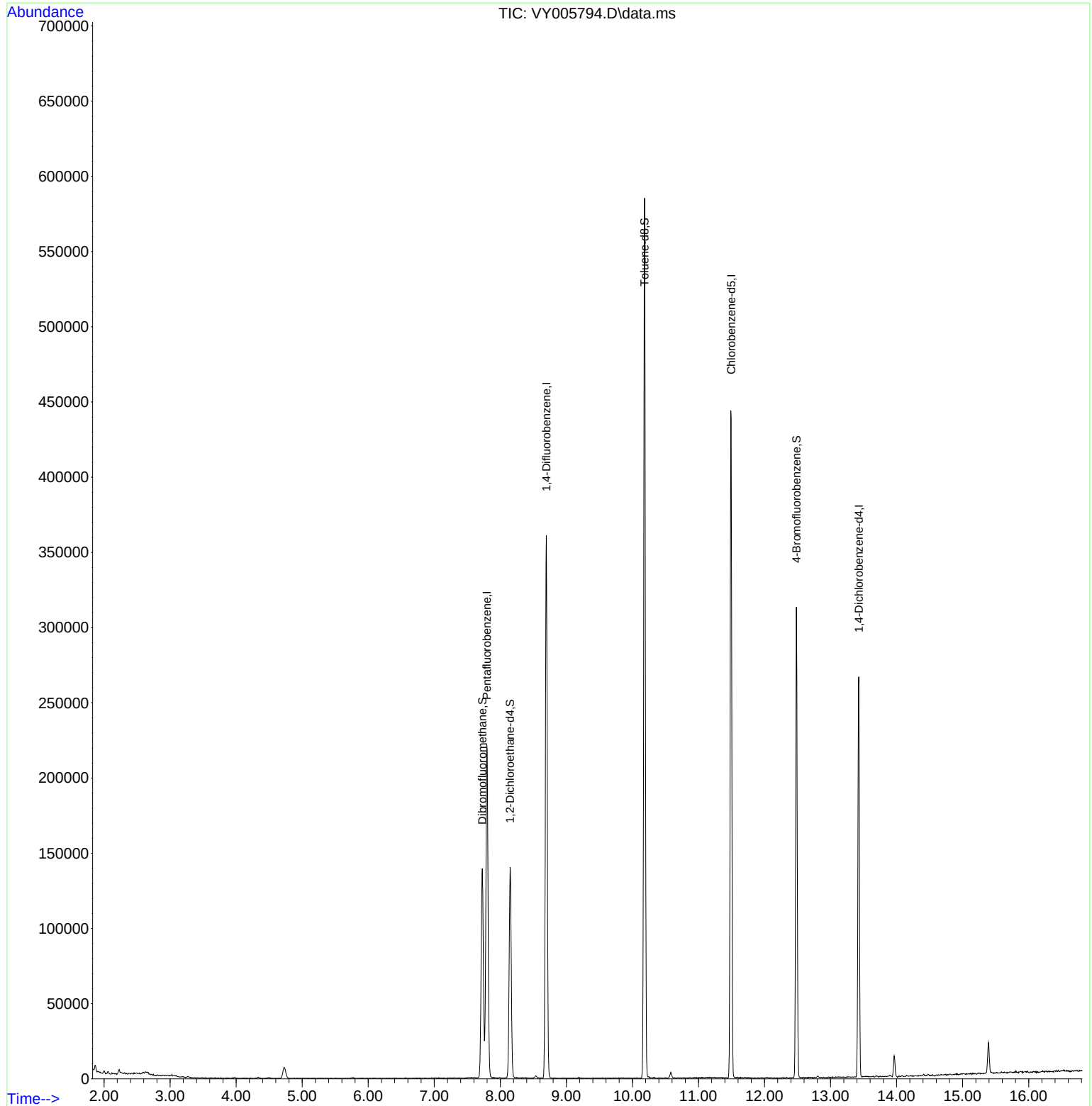
Target Compounds	Qvalue

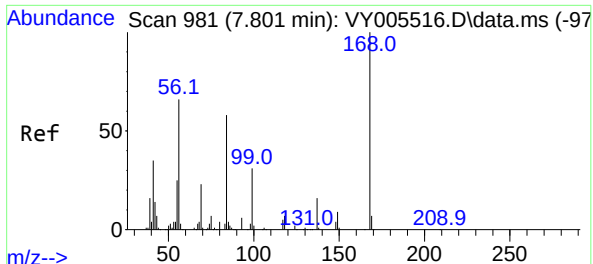
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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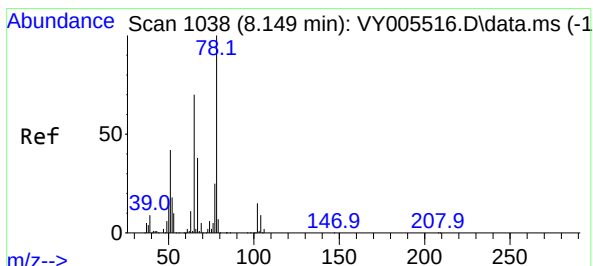
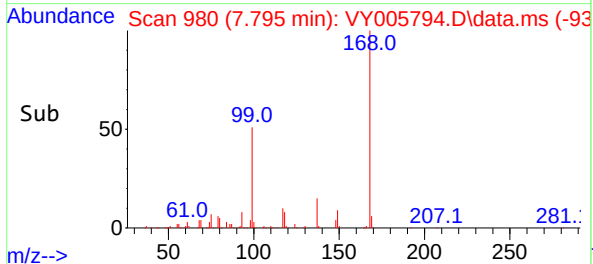
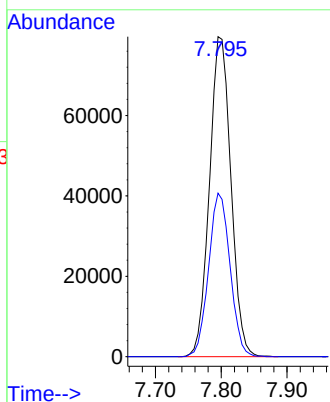
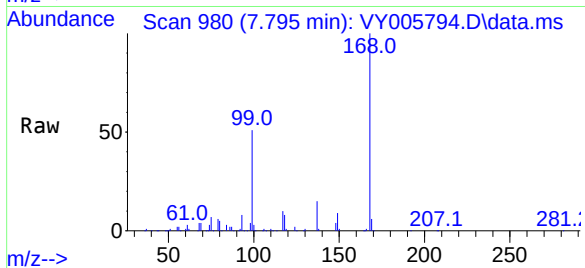




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

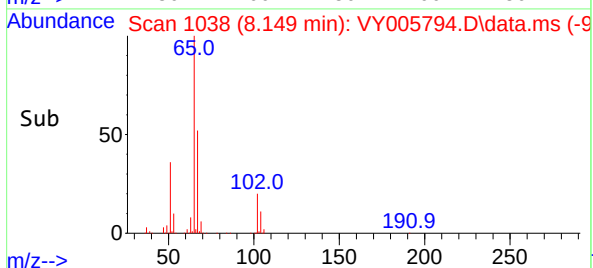
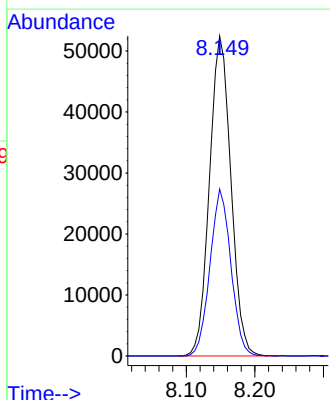
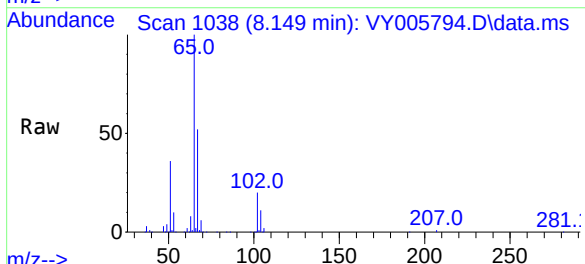
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-5-(184.50)-VOC-GRAB

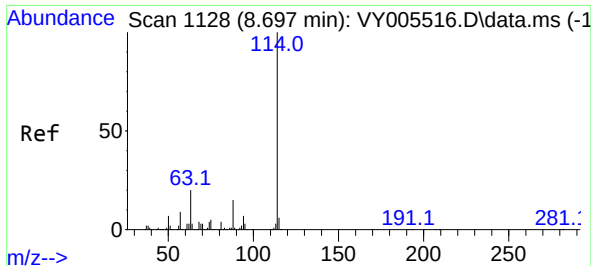
Tgt Ion:168 Resp: 181064
Ion Ratio Lower Upper
168 100
99 51.1 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 62.126 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

Tgt Ion: 65 Resp: 113866
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4

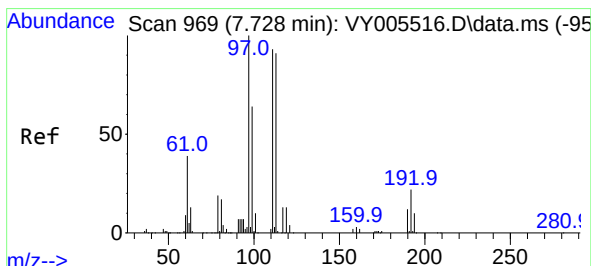
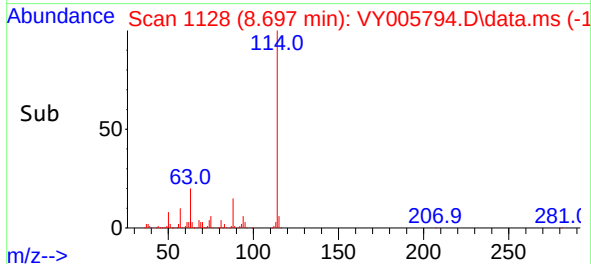
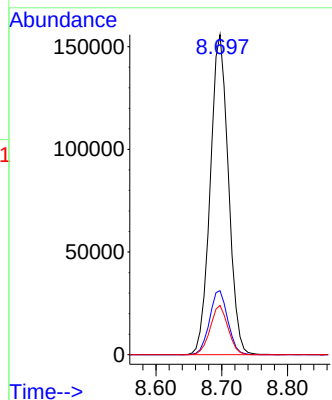
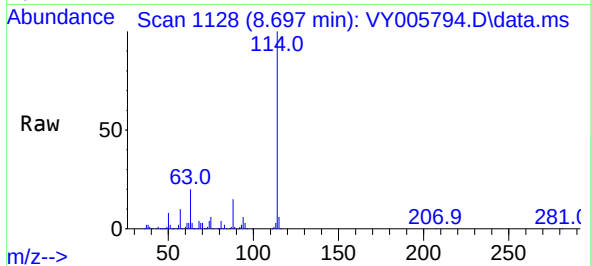




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

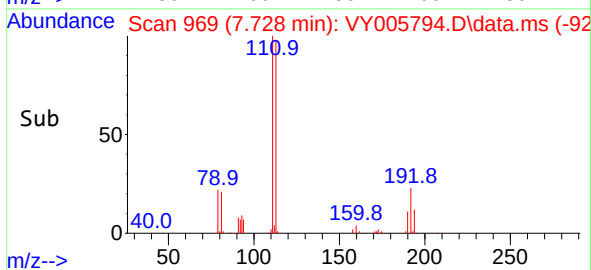
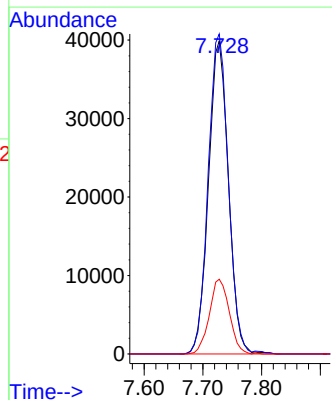
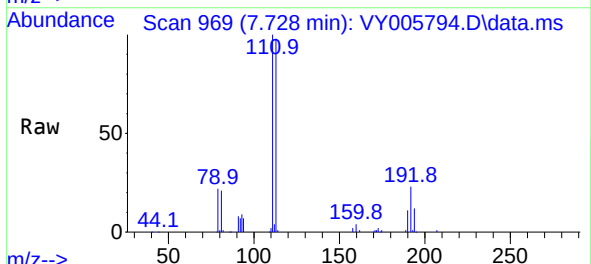
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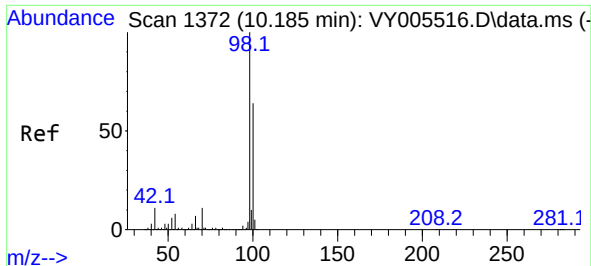
Tgt Ion:114 Resp: 298640
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 56.355 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

Tgt Ion:113 Resp: 94226
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 23.8 19.2 28.8

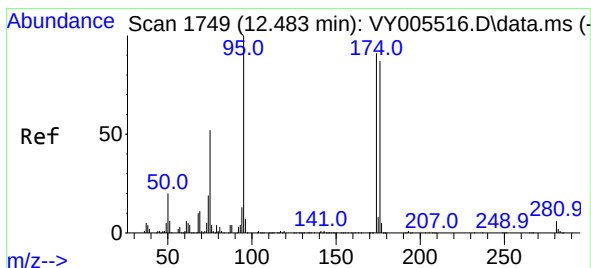
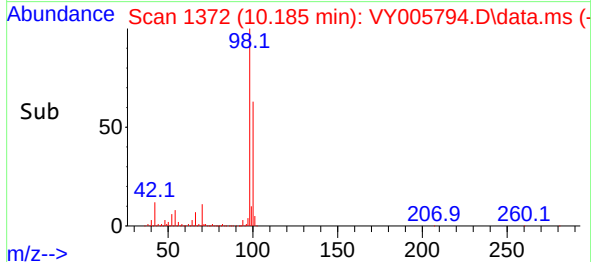
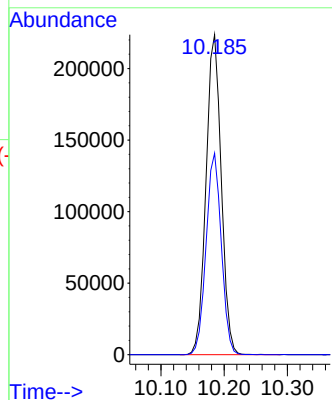
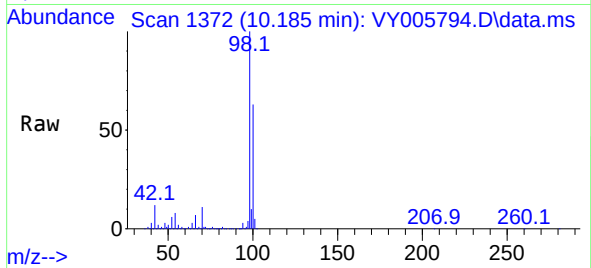




#50
Toluene-d8
Concen: 53.443 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

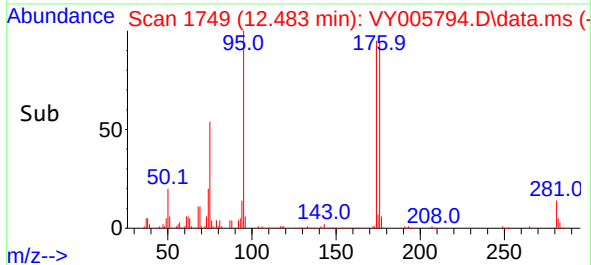
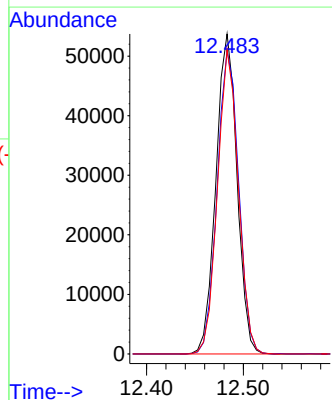
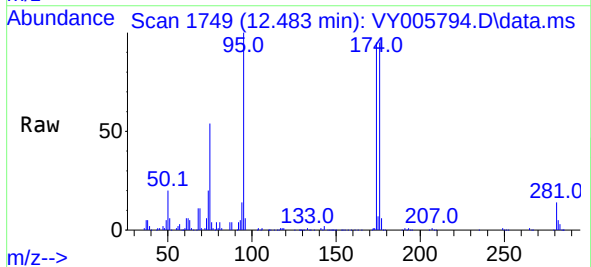
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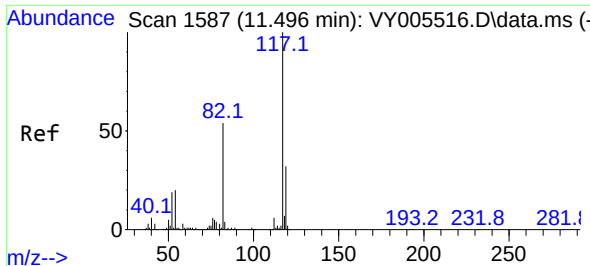
Tgt Ion: 98 Resp: 374756
Ion Ratio Lower Upper
98 100
100 62.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 35.022 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

Tgt Ion: 95 Resp: 81326
Ion Ratio Lower Upper
95 100
174 96.2 0.0 191.4
176 93.6 0.0 183.6



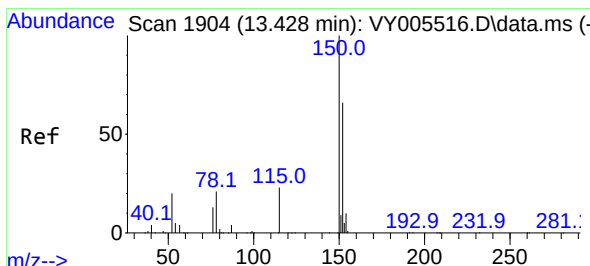
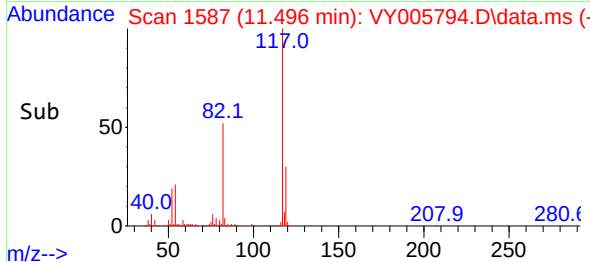
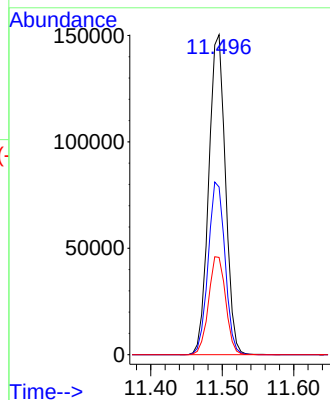
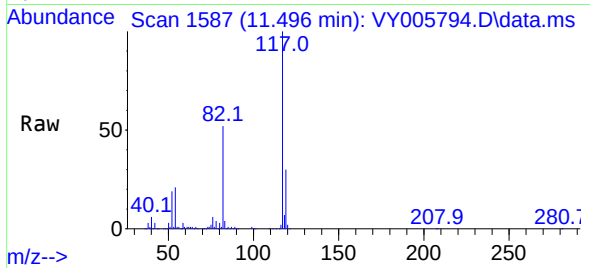


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005794.D
Acq: 20 Aug 2021 15:42

Instrument :
MSVOA_Y
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Tgt Ion:117 Resp: 243603

Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.5	65.3
119	30.4	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: VY005794.D
Acq: 20 Aug 2021 15:42

Tgt Ion:152 Resp: 70885

Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.3	81.9
150	157.9	0.0	350.2

