

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005502.D
 Acq On : 28 Jul 2021 20:10
 Operator : SY/MD
 Sample : M3223-03
 Misc : 5.89G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-10

Quant Time: Jul 29 05:36:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	193852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	327390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	337877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176024	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130921	63.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.440%
35) Dibromofluoromethane	7.728	113	100704	53.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.540%
50) Toluene-d8	10.185	98	421640	52.625	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.260%
62) 4-Bromofluorobenzene	12.483	95	155526	58.814	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.620%

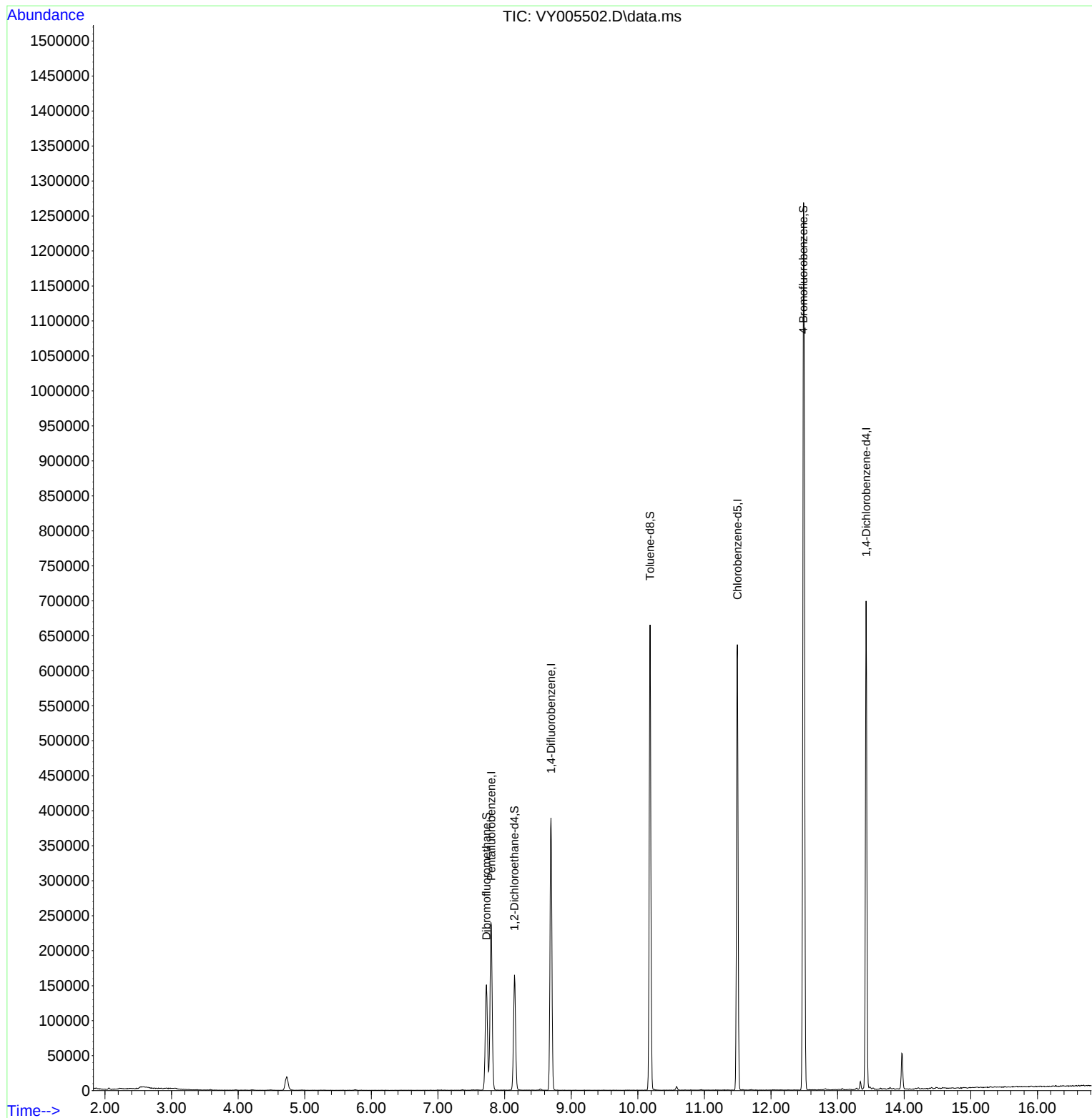
Target Compounds	Qvalue

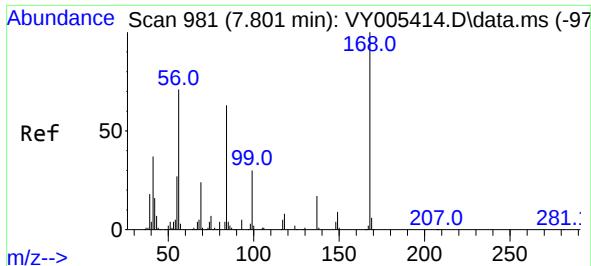
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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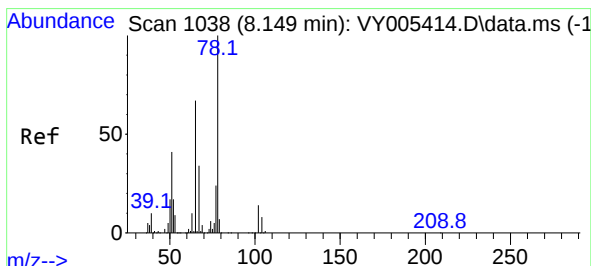
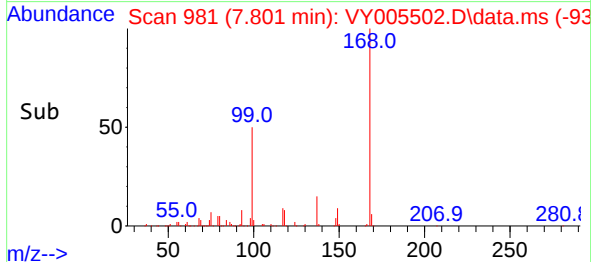
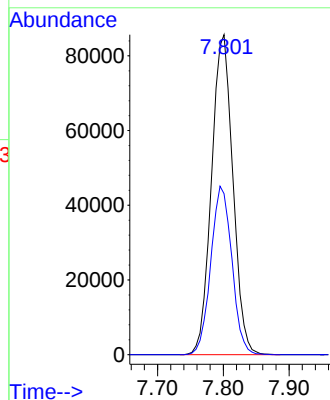
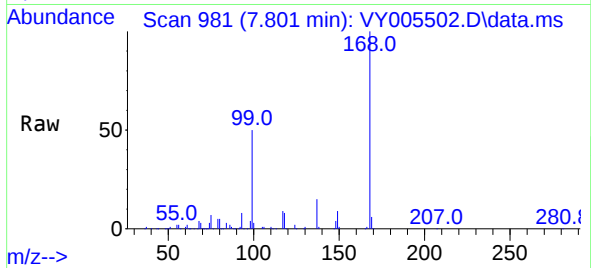




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

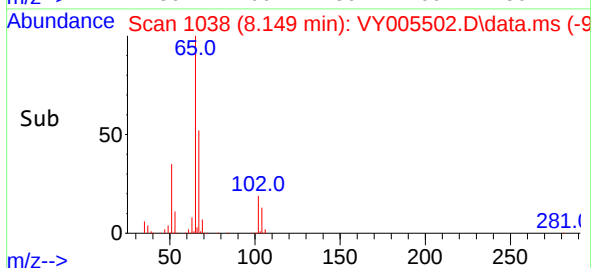
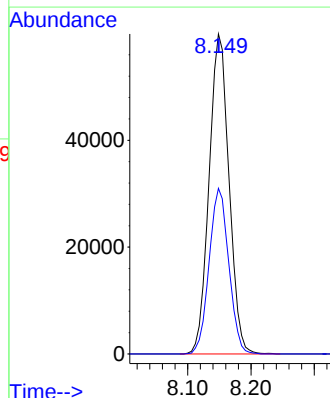
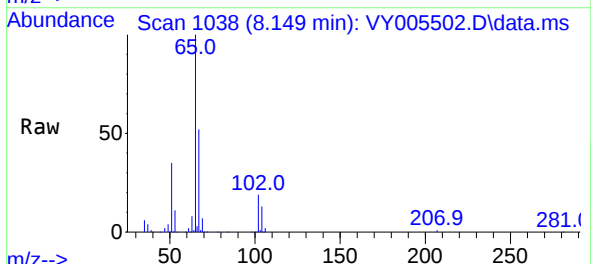
Instrument :
MSVOA_Y
ClientSampleId :
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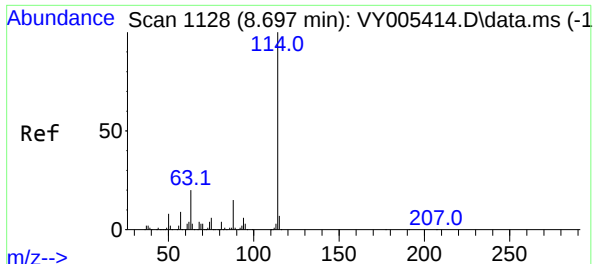
Tgt Ion:168 Resp: 193852
Ion Ratio Lower Upper
168 100
99 50.3 39.8 59.6



#33
1,2-Dichloroethane-d4
Concen: 63.217 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

Tgt Ion: 65 Resp: 130921
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.2

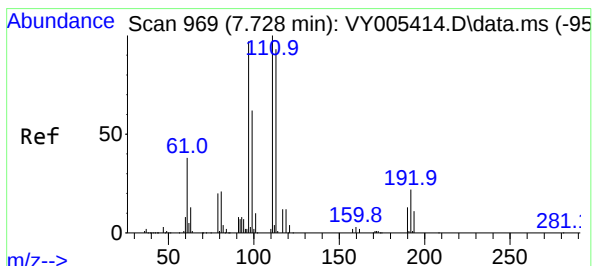
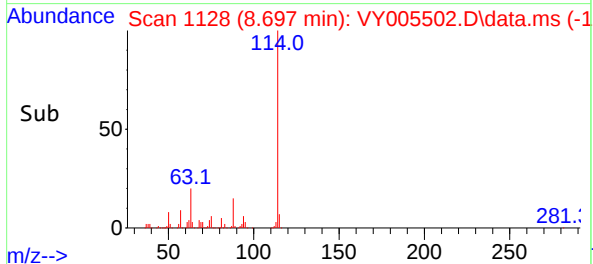
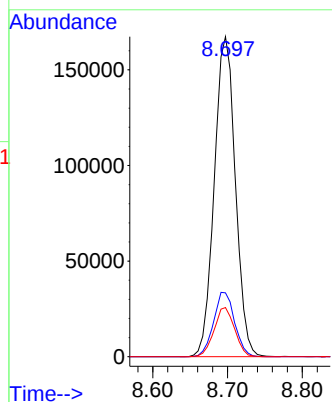
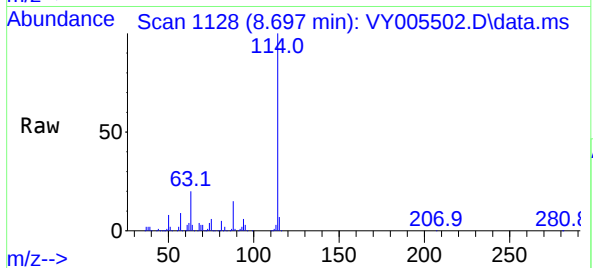




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

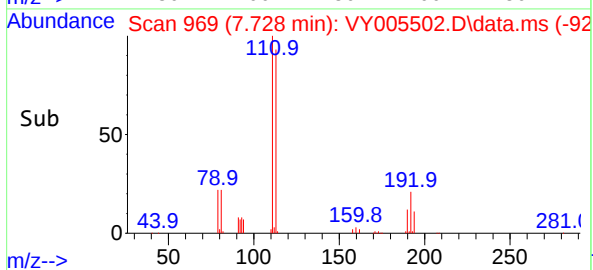
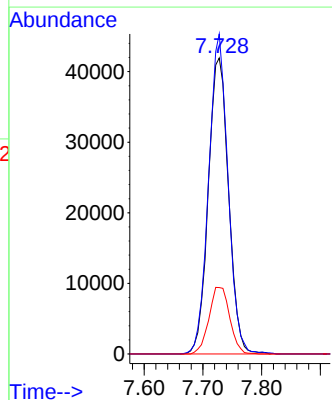
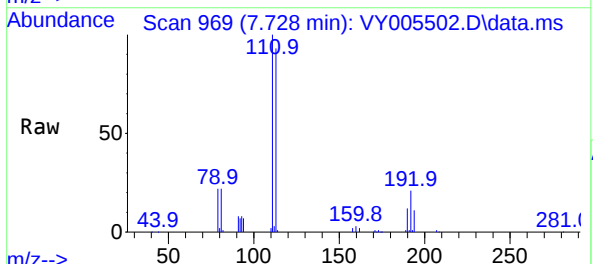
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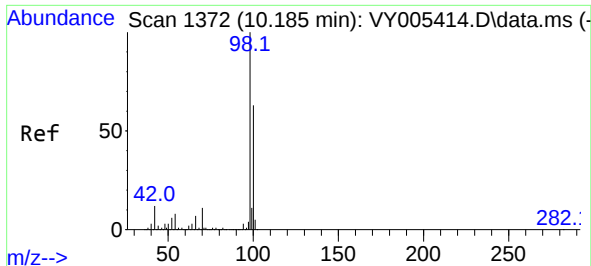
Tgt Ion:114 Resp: 327390
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.0
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.272 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

Tgt Ion:113 Resp: 100704
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 23.0 18.9 28.3

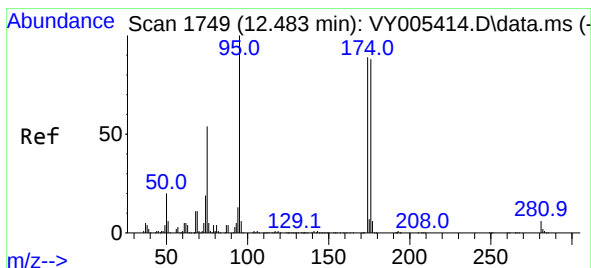
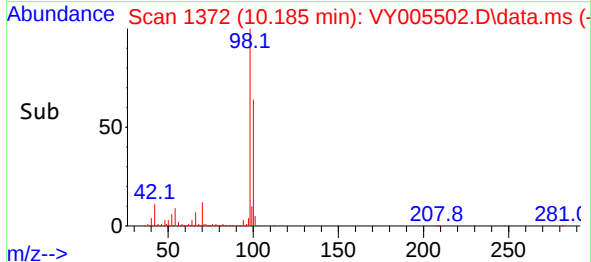
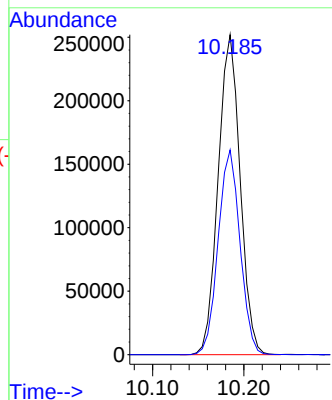
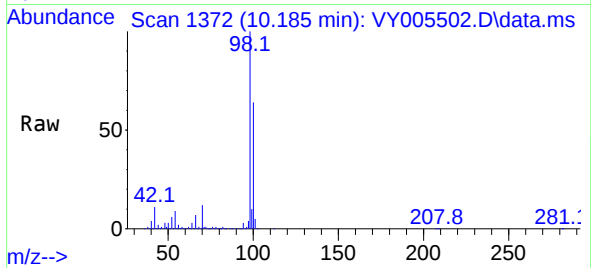




#50
Toluene-d8
Concen: 52.625 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

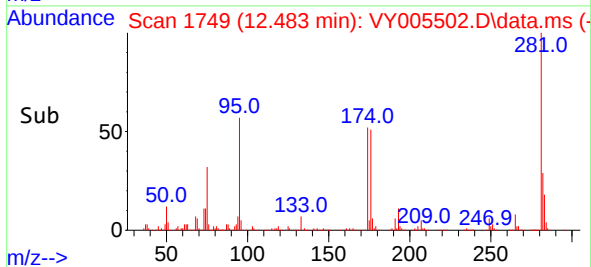
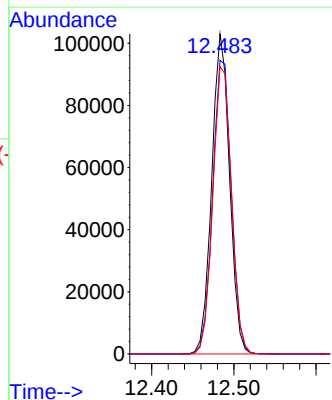
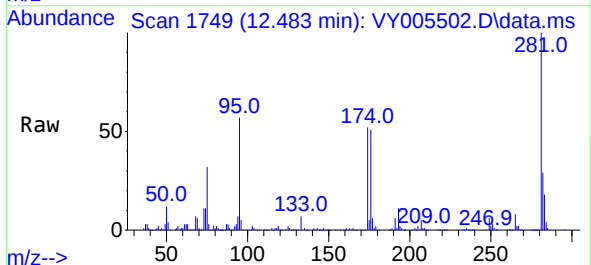
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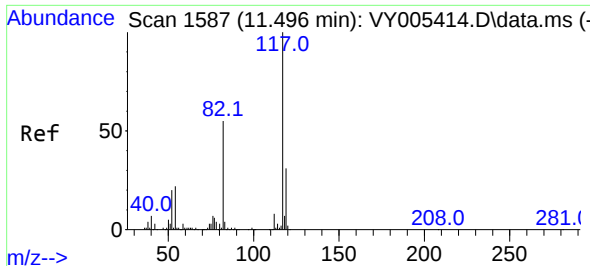
Tgt Ion: 98 Resp: 421640
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 58.814 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

Tgt Ion: 95 Resp: 155526
Ion Ratio Lower Upper
95 100
174 95.6 0.0 186.6
176 93.5 0.0 182.4

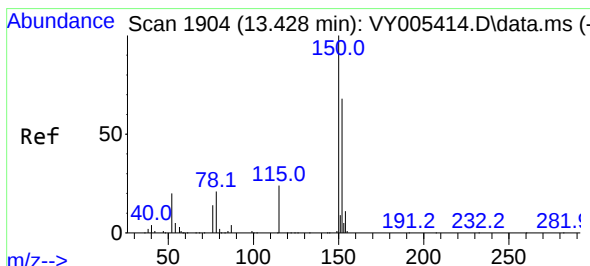
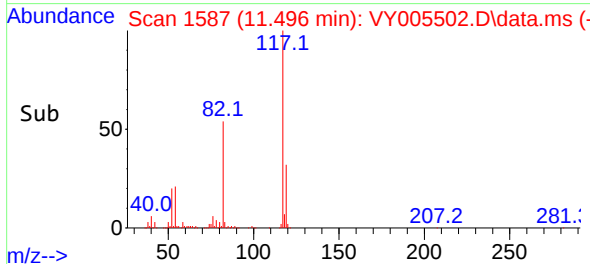
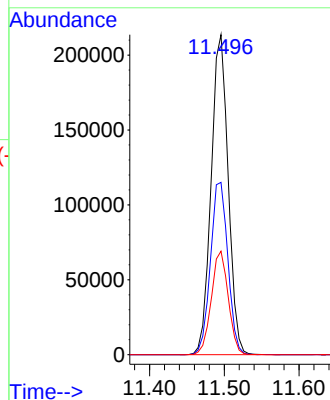
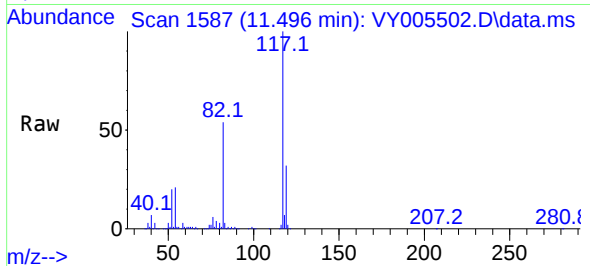




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

Instrument :
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Tgt Ion:	117	Resp:	337877
Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.8	65.6
119	32.4	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

Tgt Ion:	152	Resp:	176024
Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.7	83.1
150	156.3	0.0	349.6

