

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005501.D
 Acq On : 28 Jul 2021 19:47
 Operator : SY/MD
 Sample : M3223-01
 Misc : 5.91G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-09

Quant Time: Jul 29 05:36:09 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	193505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	330485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	339888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170606	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	131371	63.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.100%
35) Dibromofluoromethane	7.728	113	102055	53.481	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.960%
50) Toluene-d8	10.185	98	422254	52.208	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.420%
62) 4-Bromofluorobenzene	12.483	95	156356	58.574	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.140%

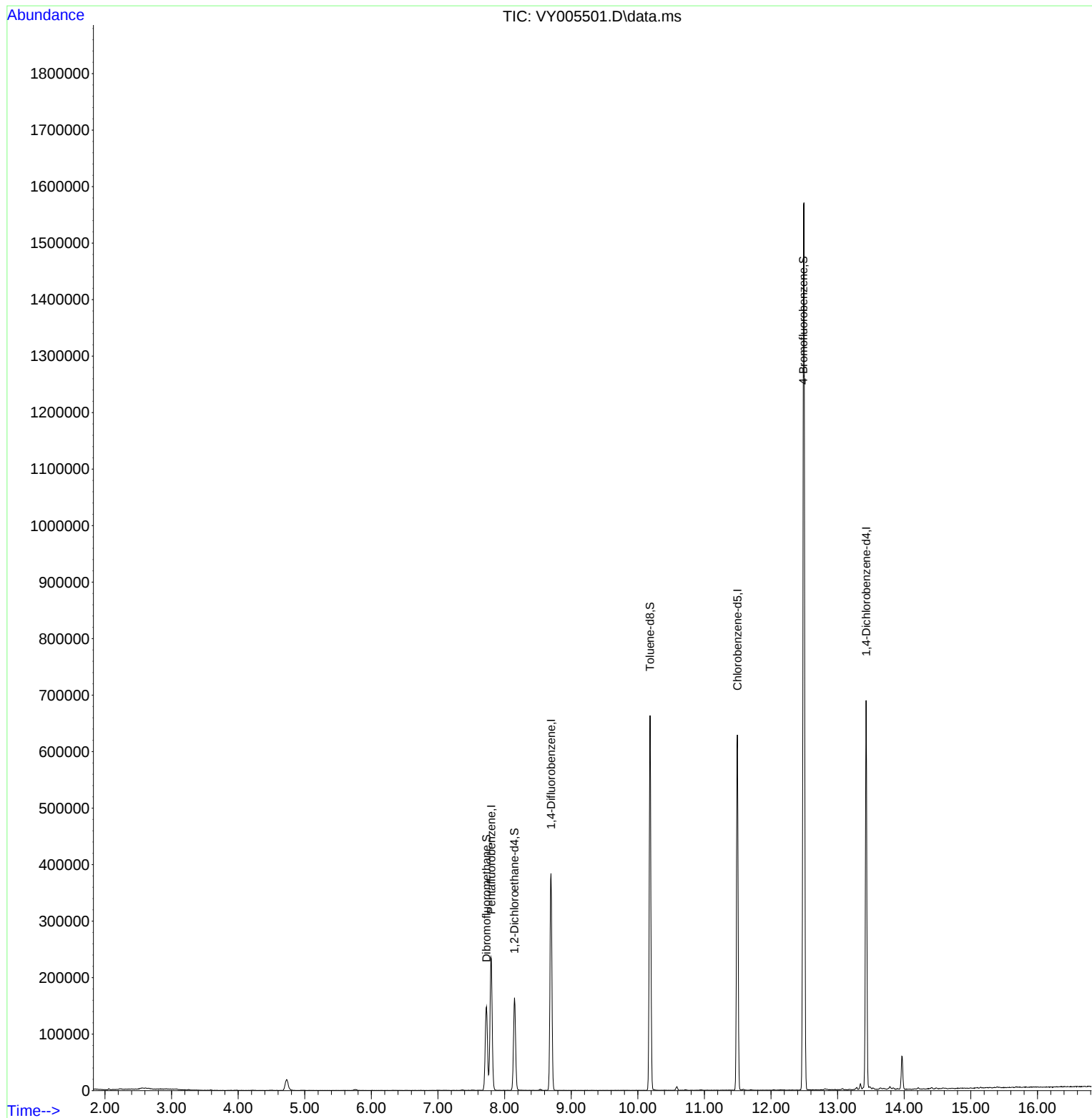
Target Compounds	Qvalue

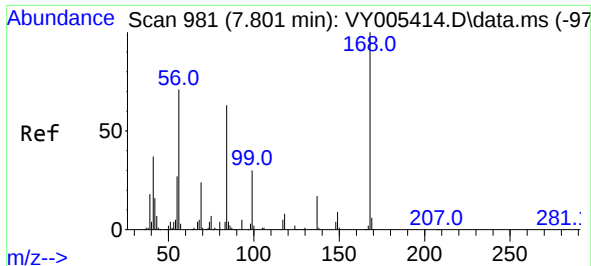
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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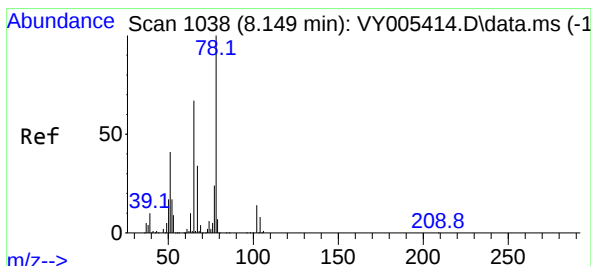
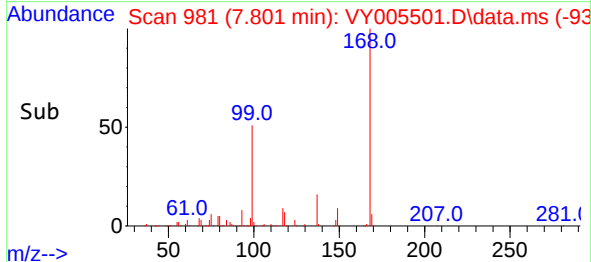
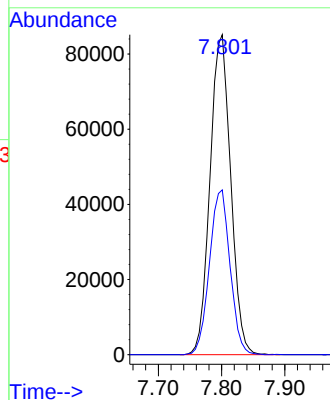
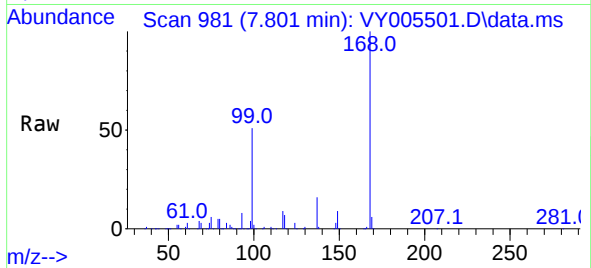




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

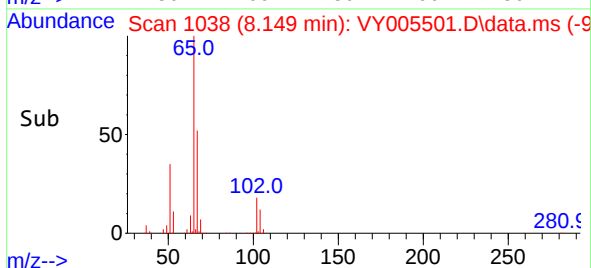
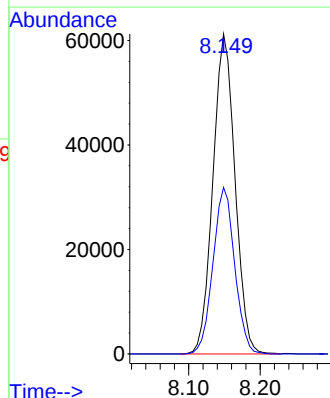
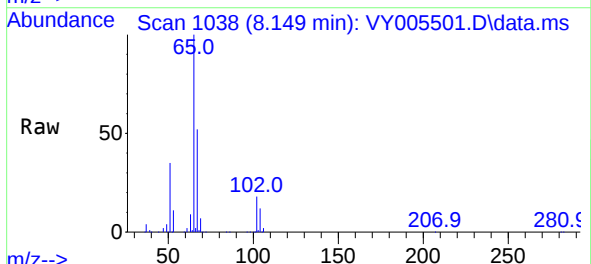
Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-09

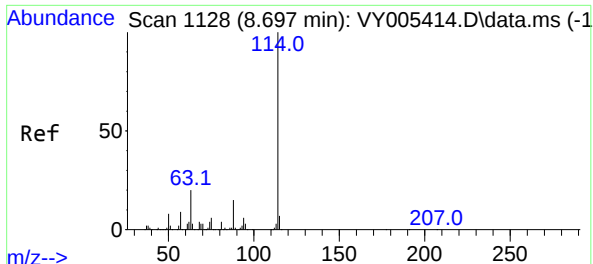
Tgt Ion:168 Resp: 193505
Ion Ratio Lower Upper
168 100
99 51.5 39.8 59.6



#33
1,2-Dichloroethane-d4
Concen: 63.548 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

Tgt Ion: 65 Resp: 131371
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.2

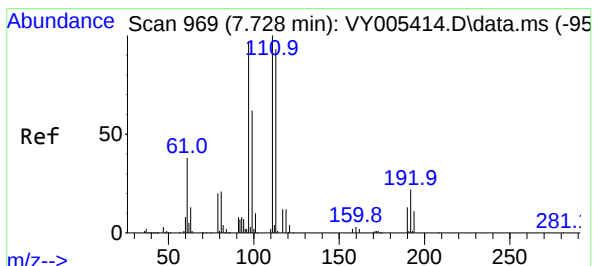
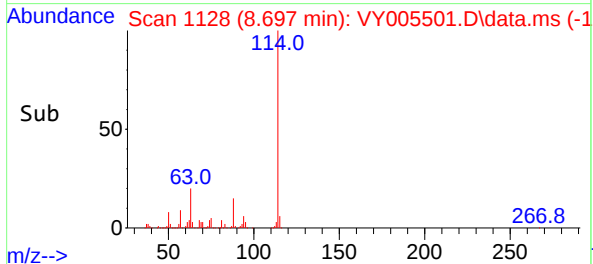
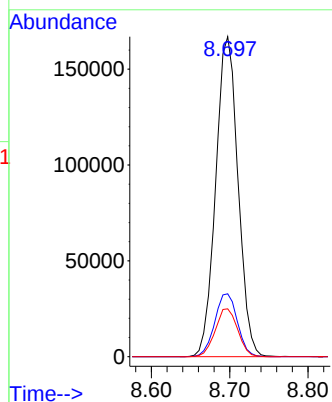
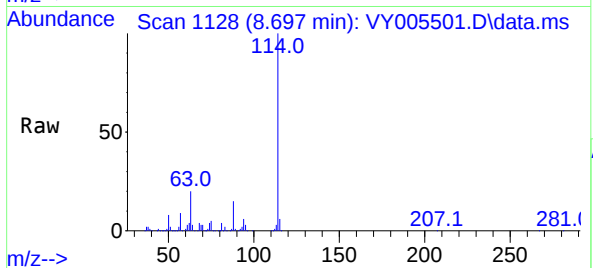




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

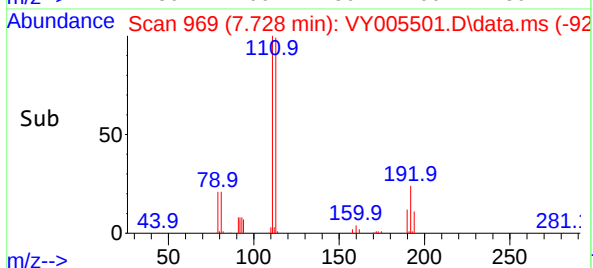
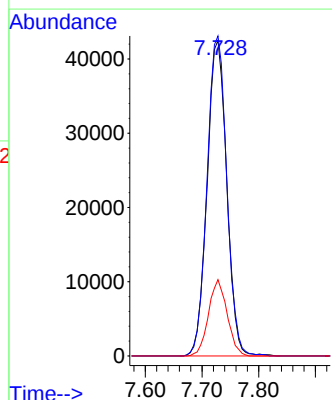
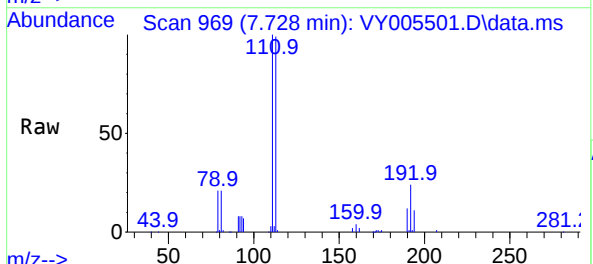
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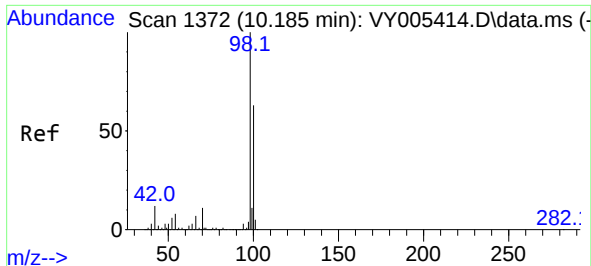
Tgt Ion:114 Resp: 330485
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.0
88 14.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.481 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

Tgt Ion:113 Resp: 102055
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 23.1 18.9 28.3

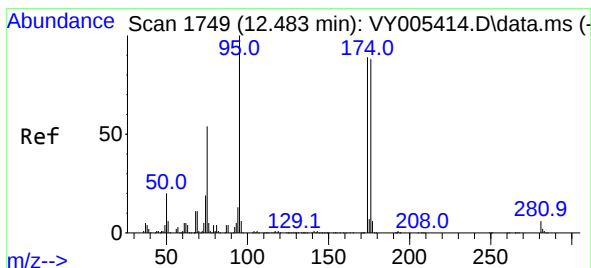
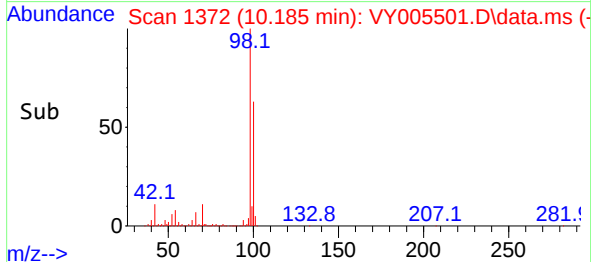
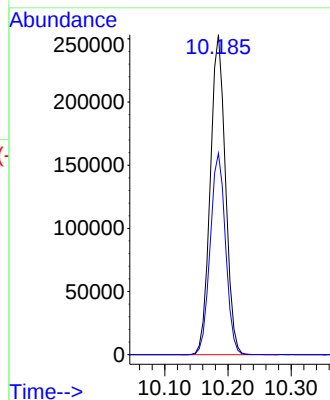
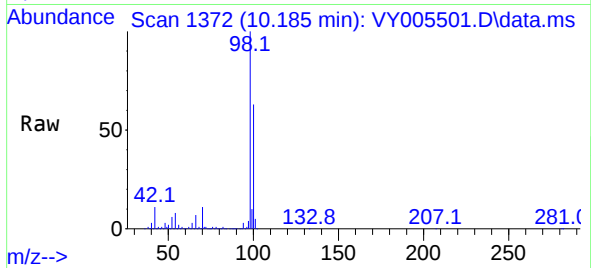




#50
Toluene-d8
Concen: 52.208 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

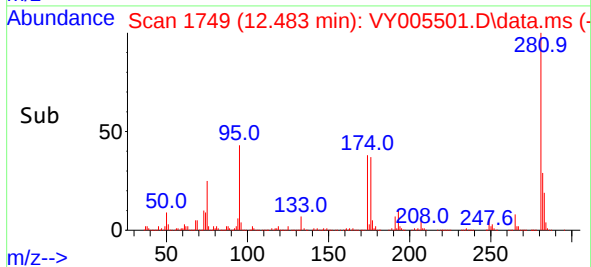
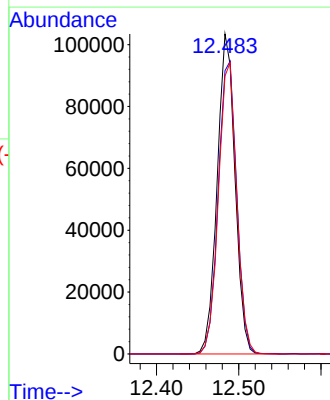
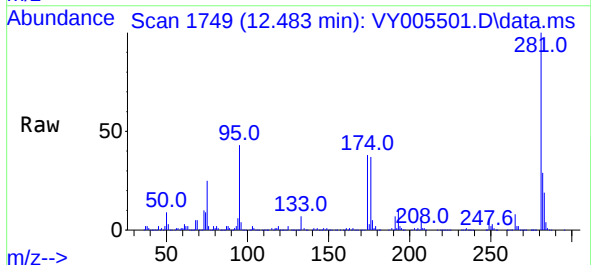
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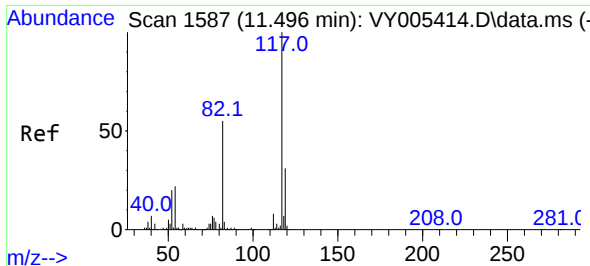
Tgt Ion: 98 Resp: 422254
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 58.574 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

Tgt Ion: 95 Resp: 156356
Ion Ratio Lower Upper
95 100
174 94.6 0.0 186.6
176 92.9 0.0 182.4

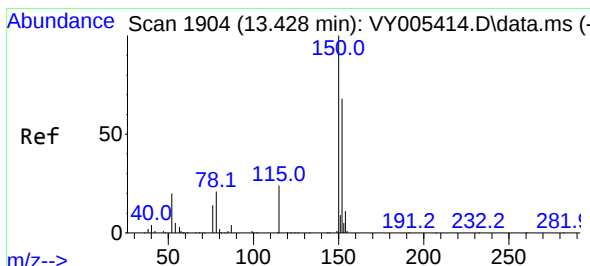
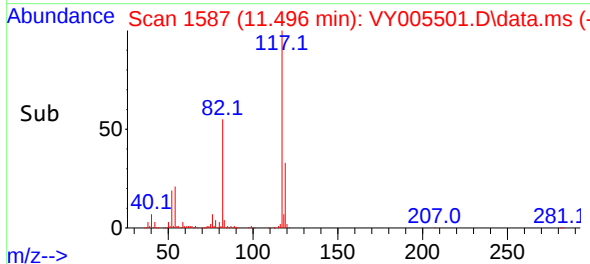
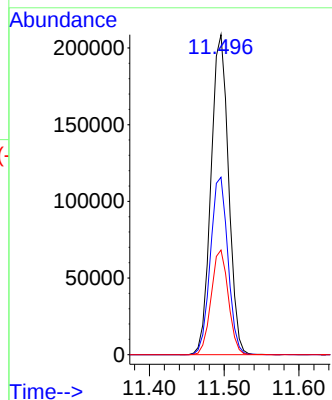
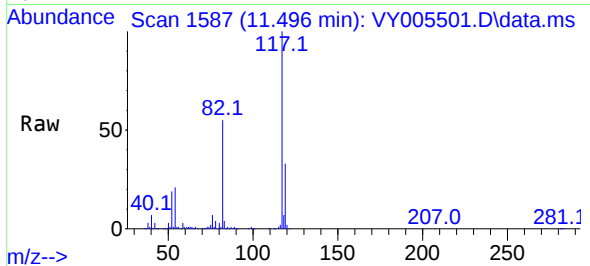




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

Instrument :
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Tgt Ion:	117	Resp:	339888
Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.8	65.6
119	32.7	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: VY005501.D
Acq: 28 Jul 2021 19:47

Tgt Ion:	152	Resp:	170606
Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.7	83.1
150	158.5	0.0	349.6

