

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005468.D
 Acq On : 27 Jul 2021 16:38
 Operator : SY/MD
 Sample : M3142-02
 Misc : 5.74G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JONES-RD-STOCK-PILE-A

Quant Time: Jul 28 02:34:48 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	7.795	168	201514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	332603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	330361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150128	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	131362	61.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.040%
35) Dibromofluoromethane	7.728	113	102741	53.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.000%
50) Toluene-d8	10.185	98	425937	52.328	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.660%
62) 4-Bromofluorobenzene	12.483	95	139005	51.743	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.480%

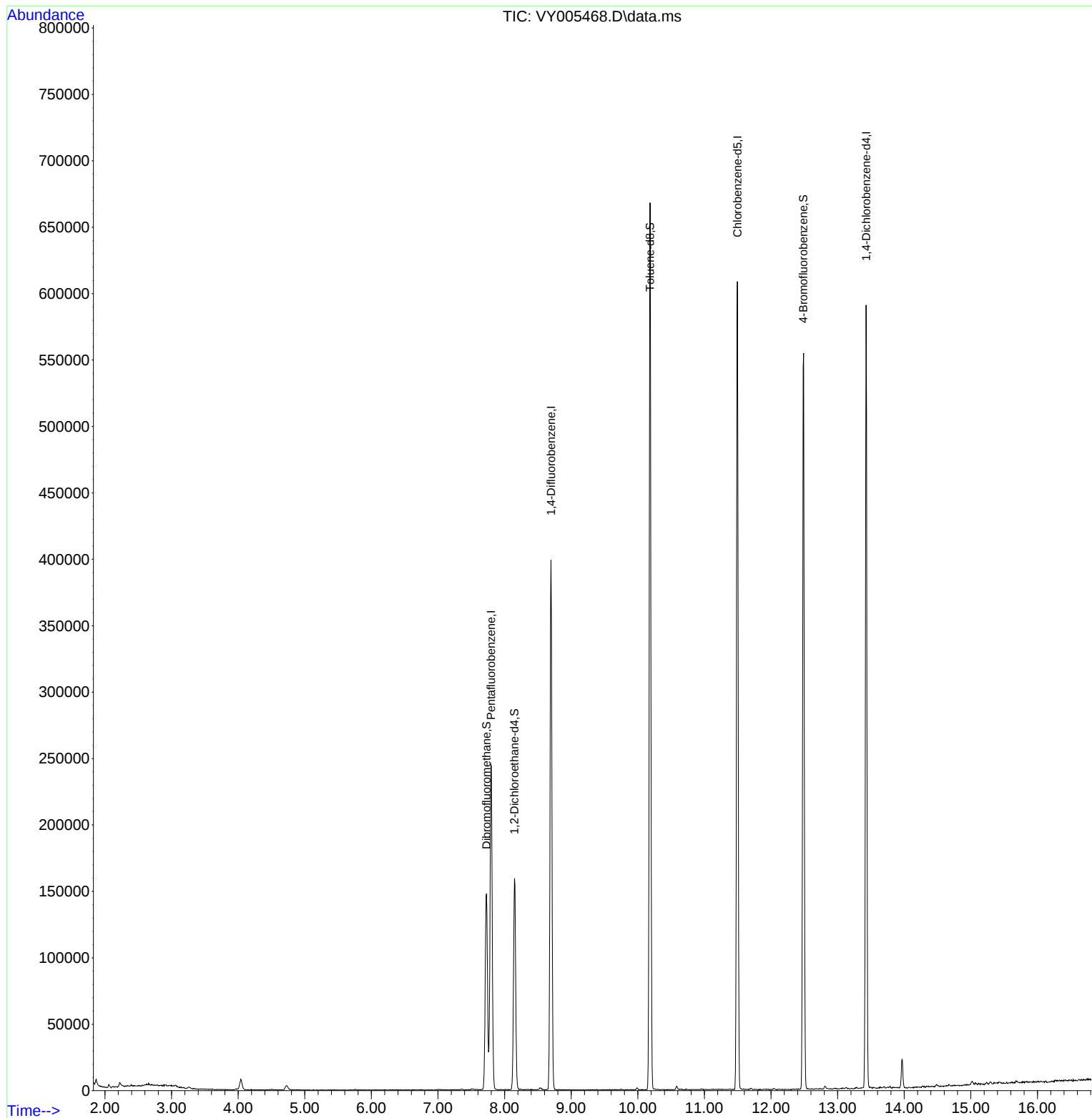
Target Compounds	Qvalue

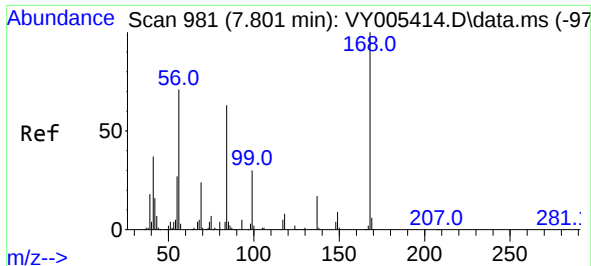
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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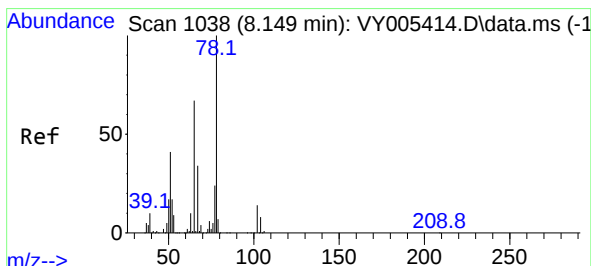
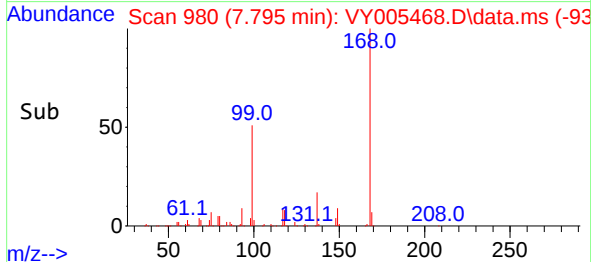
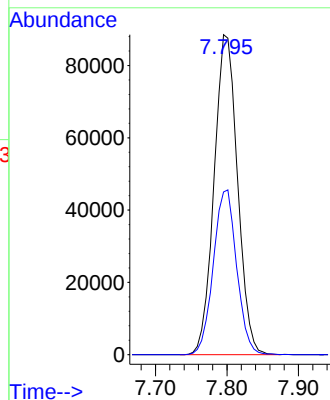
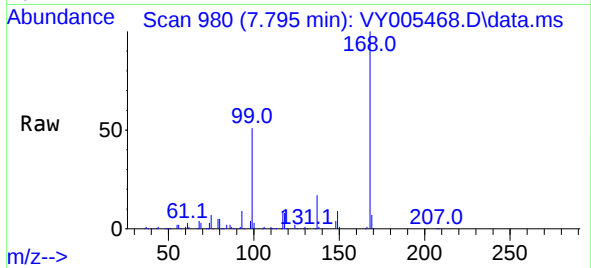




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005468.D
Acq: 27 Jul 2021 16:38

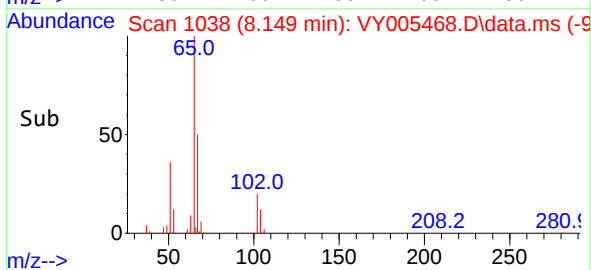
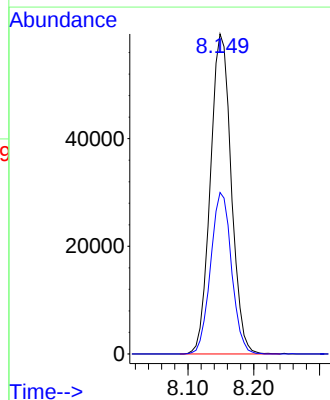
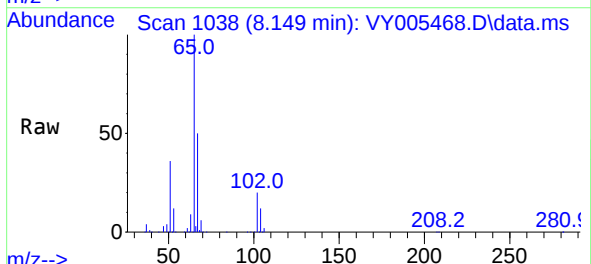
Instrument :
MSVOA_Y
ClientSampleId :
JONES-RD-STOCK-PILE-A

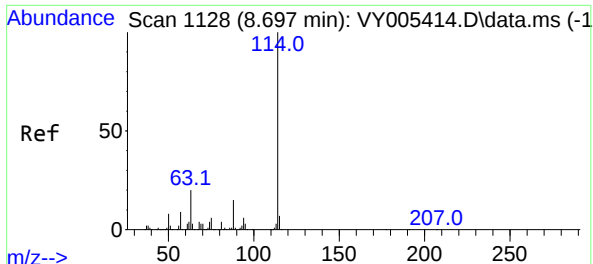
Tgt Ion:168 Resp: 201514
Ion Ratio Lower Upper
168 100
99 50.8 39.8 59.6



#33
1,2-Dichloroethane-d4
Concen: 61.018 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005468.D
Acq: 27 Jul 2021 16:38

Tgt Ion: 65 Resp: 131362
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.2

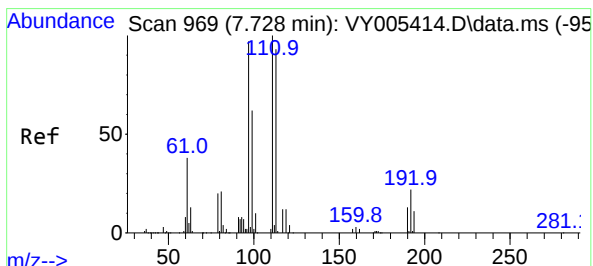
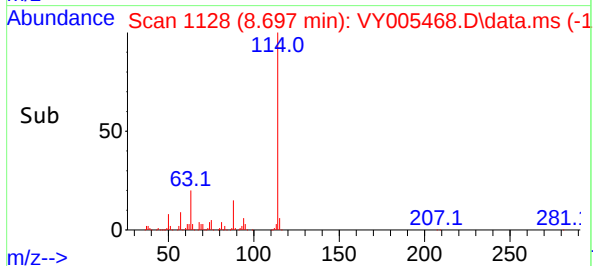
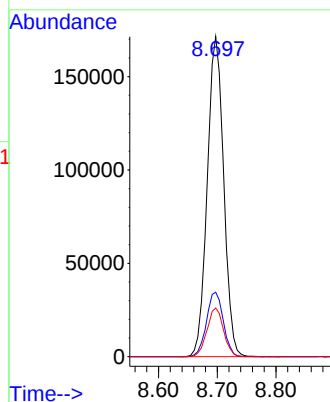
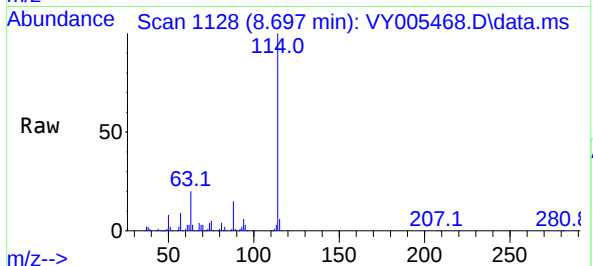




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005468.D
Acq: 27 Jul 2021 16:38

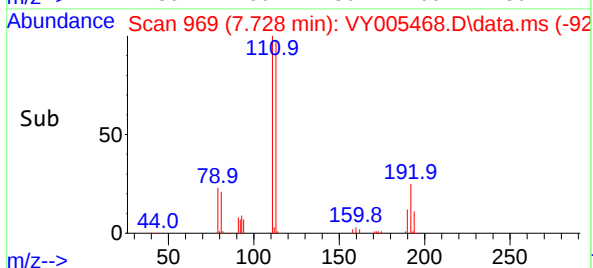
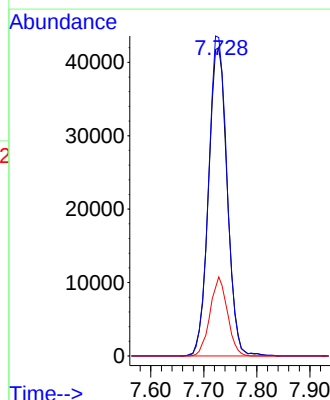
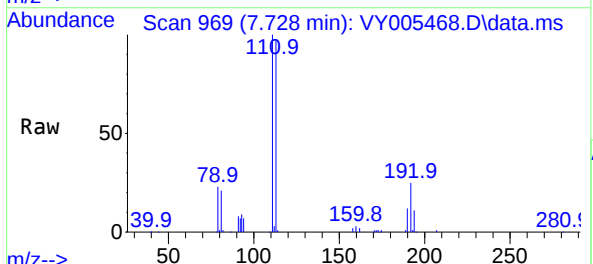
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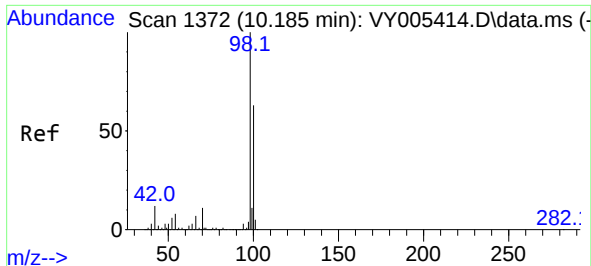
Tgt Ion:114 Resp: 332603
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.0
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.498 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005468.D
Acq: 27 Jul 2021 16:38

Tgt Ion:113 Resp: 102741
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 23.8 18.9 28.3

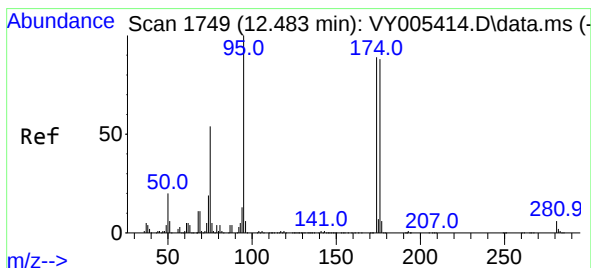
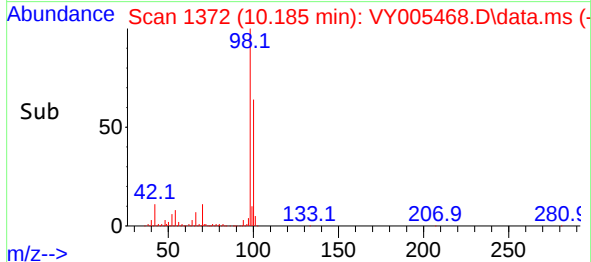
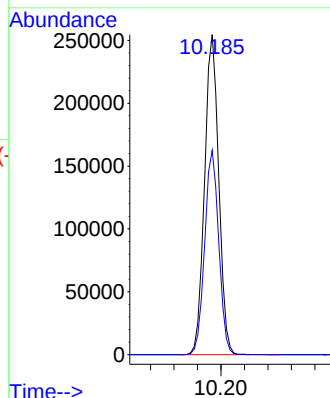
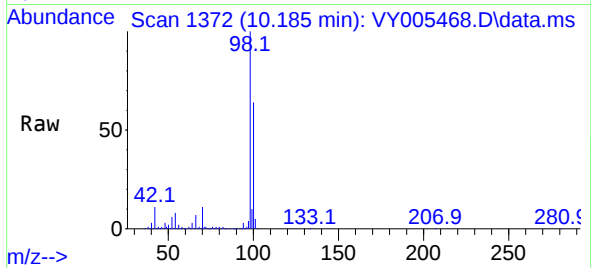




#50
Toluene-d8
Concen: 52.328 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005468.D
Acq: 27 Jul 2021 16:38

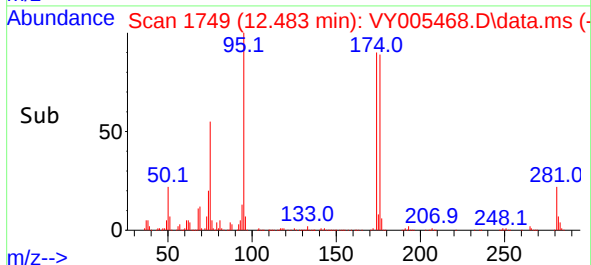
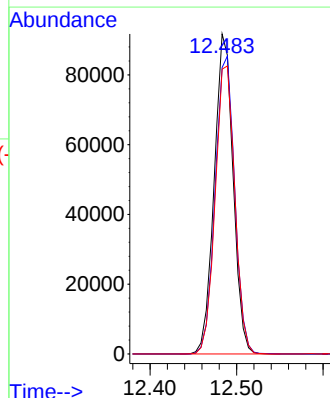
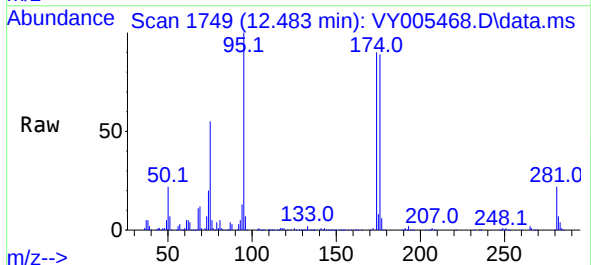
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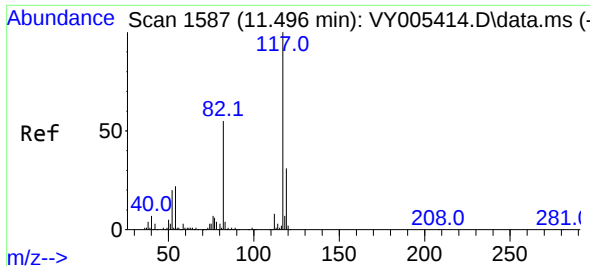
Tgt Ion: 98 Resp: 425937
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.743 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005468.D
Acq: 27 Jul 2021 16:38

Tgt Ion: 95 Resp: 139005
Ion Ratio Lower Upper
95 100
174 95.7 0.0 186.6
176 93.3 0.0 182.4

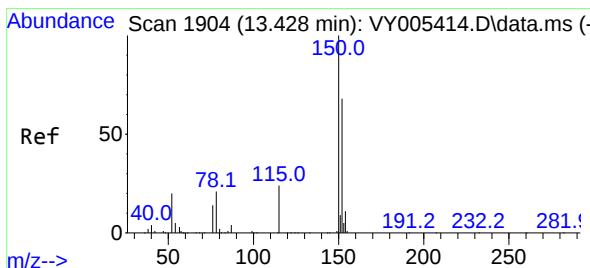
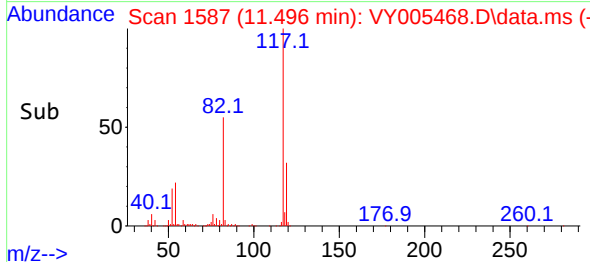
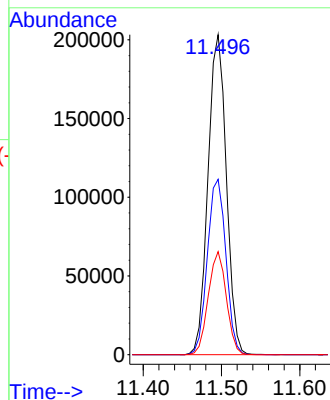
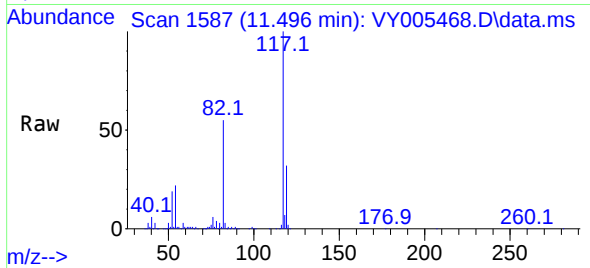




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005468.D
Acq: 27 Jul 2021 16:38

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Tgt Ion:117	Resp:	330361
Ion	Ratio	Lower Upper
117	100	
82	54.8	43.8 65.6
119	32.2	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: VY005468.D
Acq: 27 Jul 2021 16:38

Tgt Ion:152	Resp:	150128
Ion	Ratio	Lower Upper
152	100	
115	55.3	27.7 83.1
150	158.2	0.0 349.6

