

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031821\
 Data File : VY004124.D
 Acq On : 18 Mar 2021 16:10
 Operator : SY/MD
 Sample : M1718-03
 Misc : 6.18g/5mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-05

Quant Time: Mar 19 01:44:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	192813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	338178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	322498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	115237	60.56	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.12%
35) Dibromofluoromethane	7.728	113	105900	55.53	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.06%
50) Toluene-d8	10.184	98	398933	53.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.72%
62) 4-Bromofluorobenzene	12.483	95	149819	54.26	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.52%

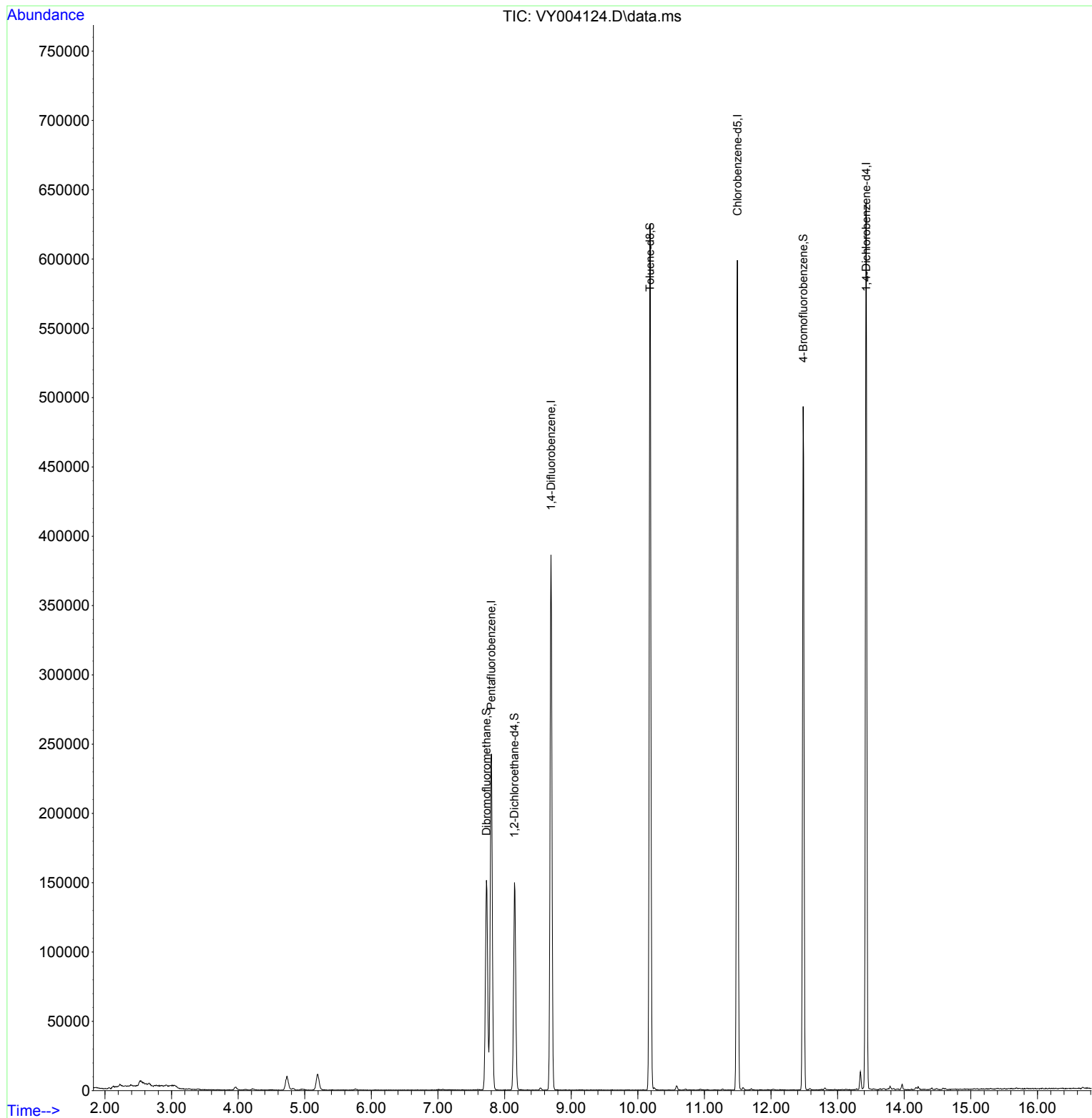
Target Compounds	Qvalue

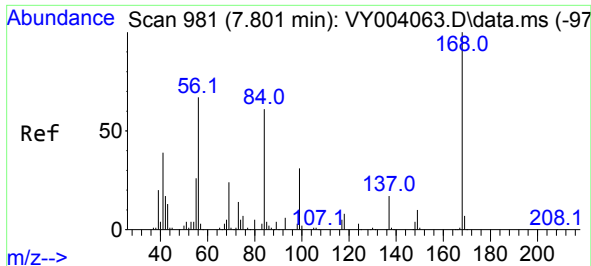
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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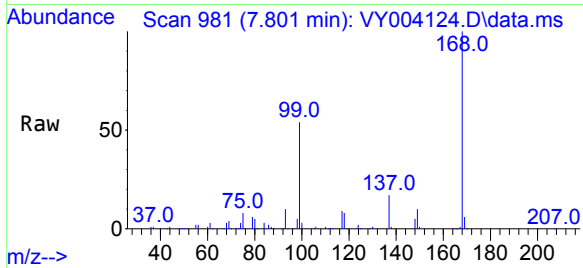
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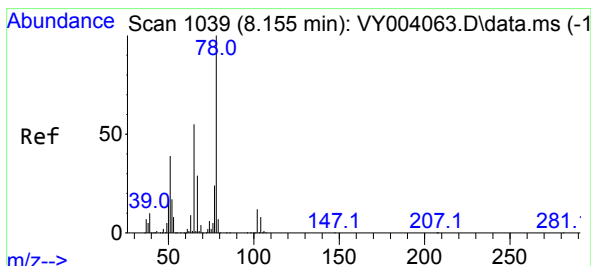
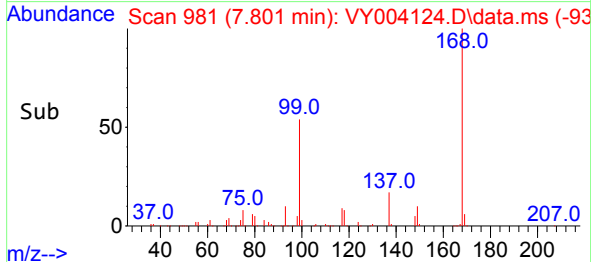
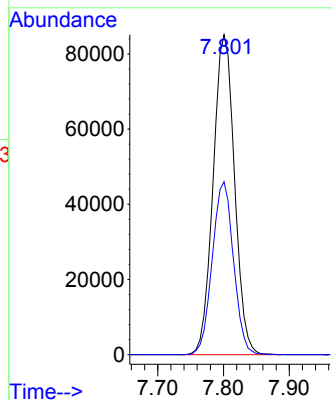


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

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ClientSampleId :
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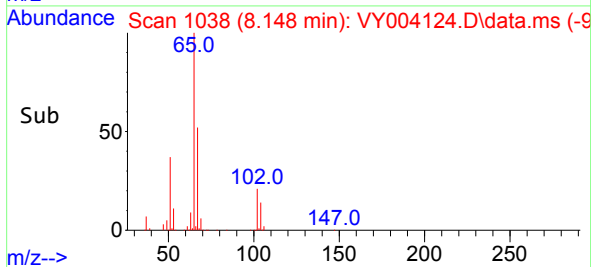
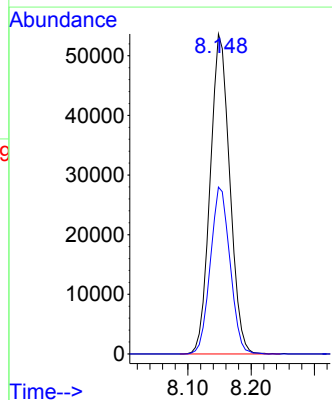
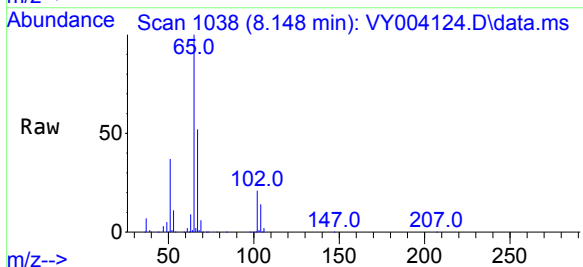


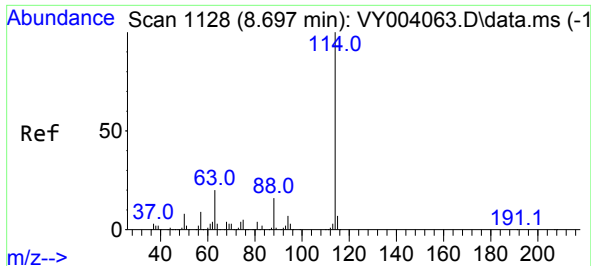
Tgt Ion:168 Resp: 192813
Ion Ratio Lower Upper
168 100
99 54.1 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 60.56 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

Tgt Ion: 65 Resp: 115237
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4

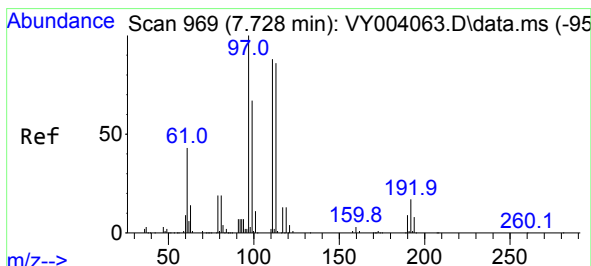
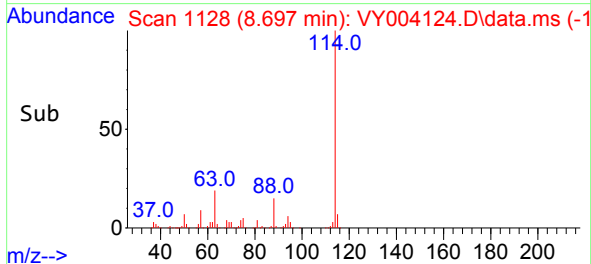
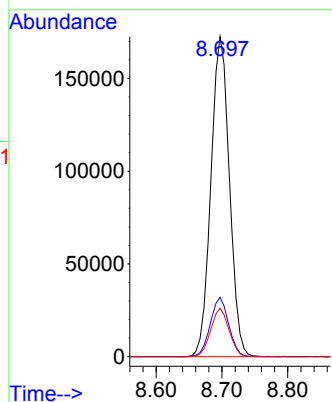
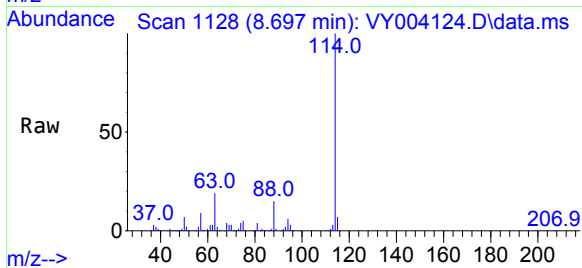




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

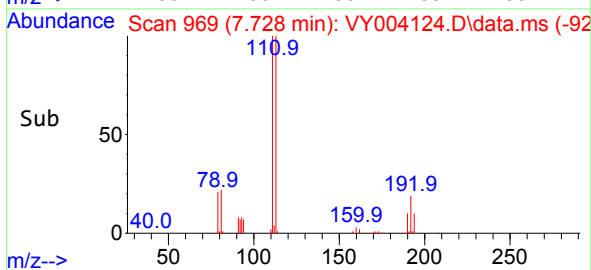
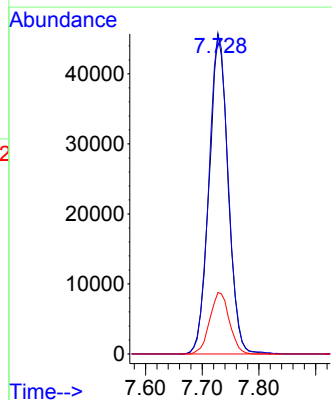
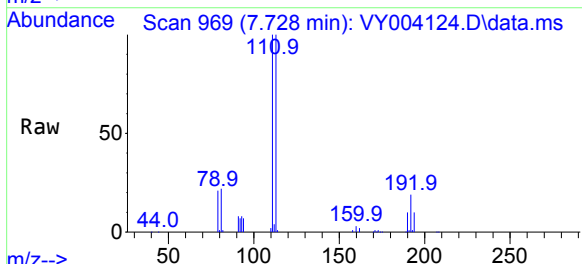
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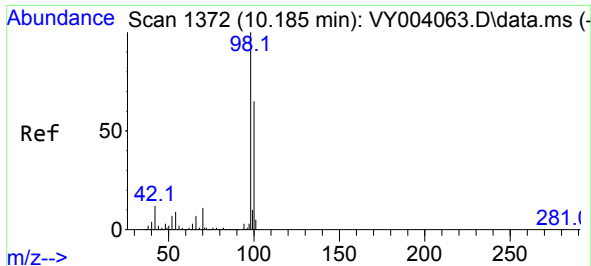
Tgt Ion:	114	Resp:	338178
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	41.6
88	15.1	0.0	31.4



#35
Dibromofluoromethane
Concen: 55.53 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

Tgt Ion:	113	Resp:	105900
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.2	124.8
192	19.8	18.5	27.7

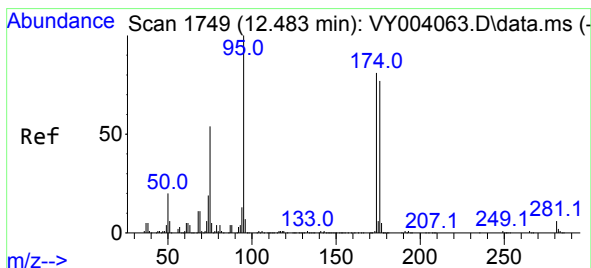
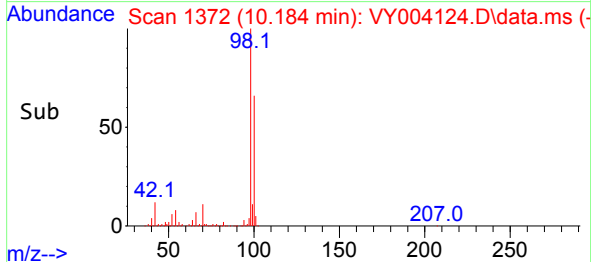
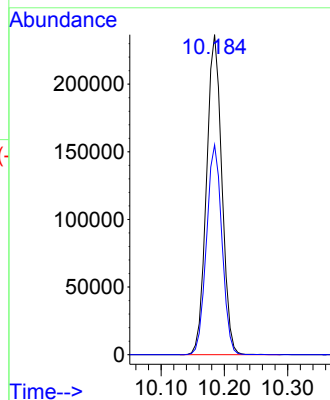
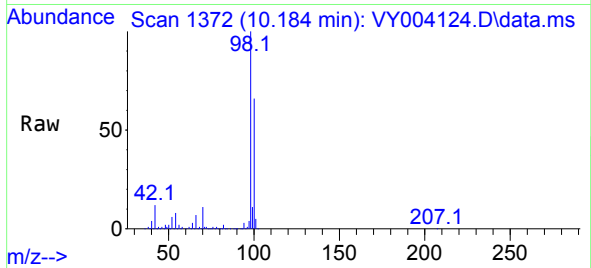




#50
Toluene-d8
Concen: 53.36 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.001 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

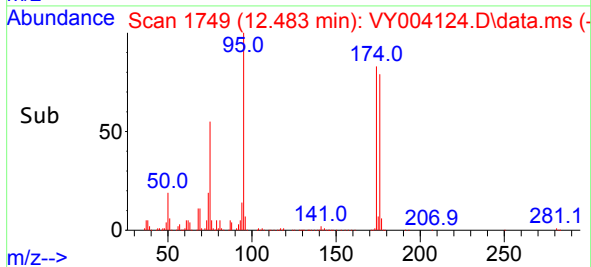
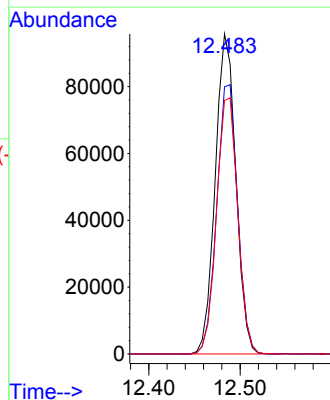
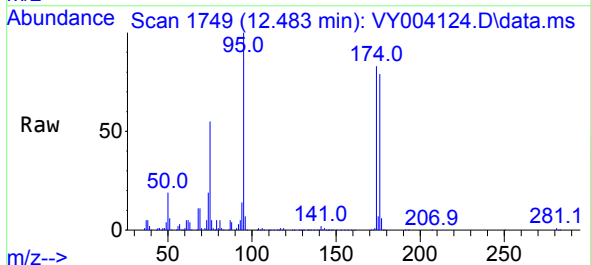
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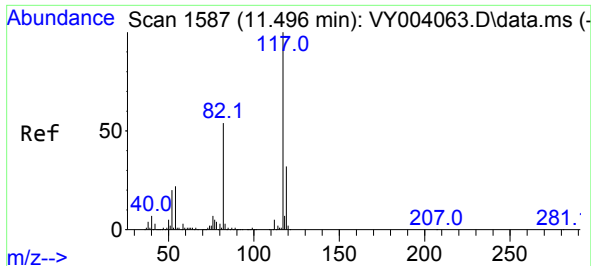
Tgt Ion: 98 Resp: 398933
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.26 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

Tgt Ion: 95 Resp: 149819
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 82.5 0.0 174.4

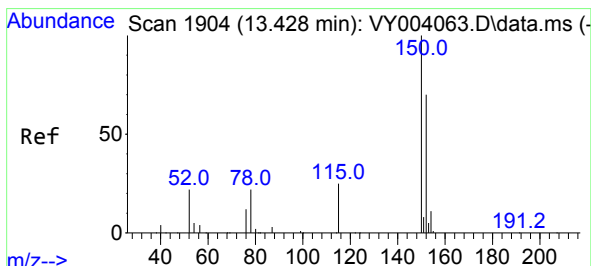
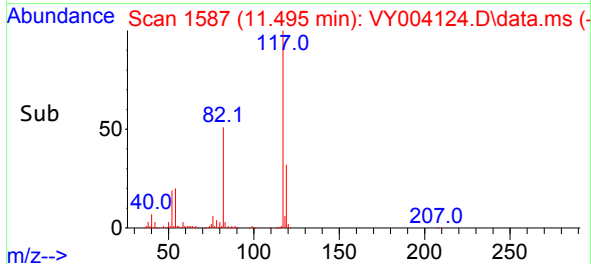
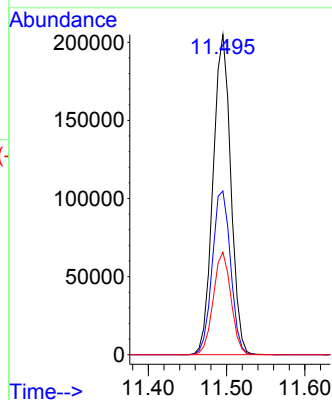
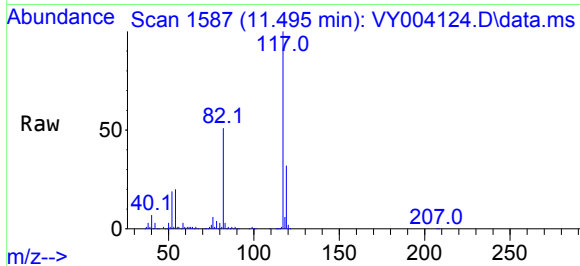




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

Instrument :
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Tgt Ion:	117	Resp:	322498
Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.8	65.6
119	32.0	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

Tgt Ion:	152	Resp:	159369
Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.2	84.6
150	158.6	0.0	347.2

