

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004328.D
 Acq On : 08 Apr 2021 12:09
 Operator : SY/MD
 Sample : M1855-01
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EMBANKMENT-FILL-COMPOSITE

Quant Time: Apr 08 13:14:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	162170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	270261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	239773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	98526	63.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.40%
35) Dibromofluoromethane	7.728	113	81910	54.39	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.78%
50) Toluene-d8	10.185	98	328385	57.98	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.96%
62) 4-Bromofluorobenzene	12.483	95	100415	51.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.46%

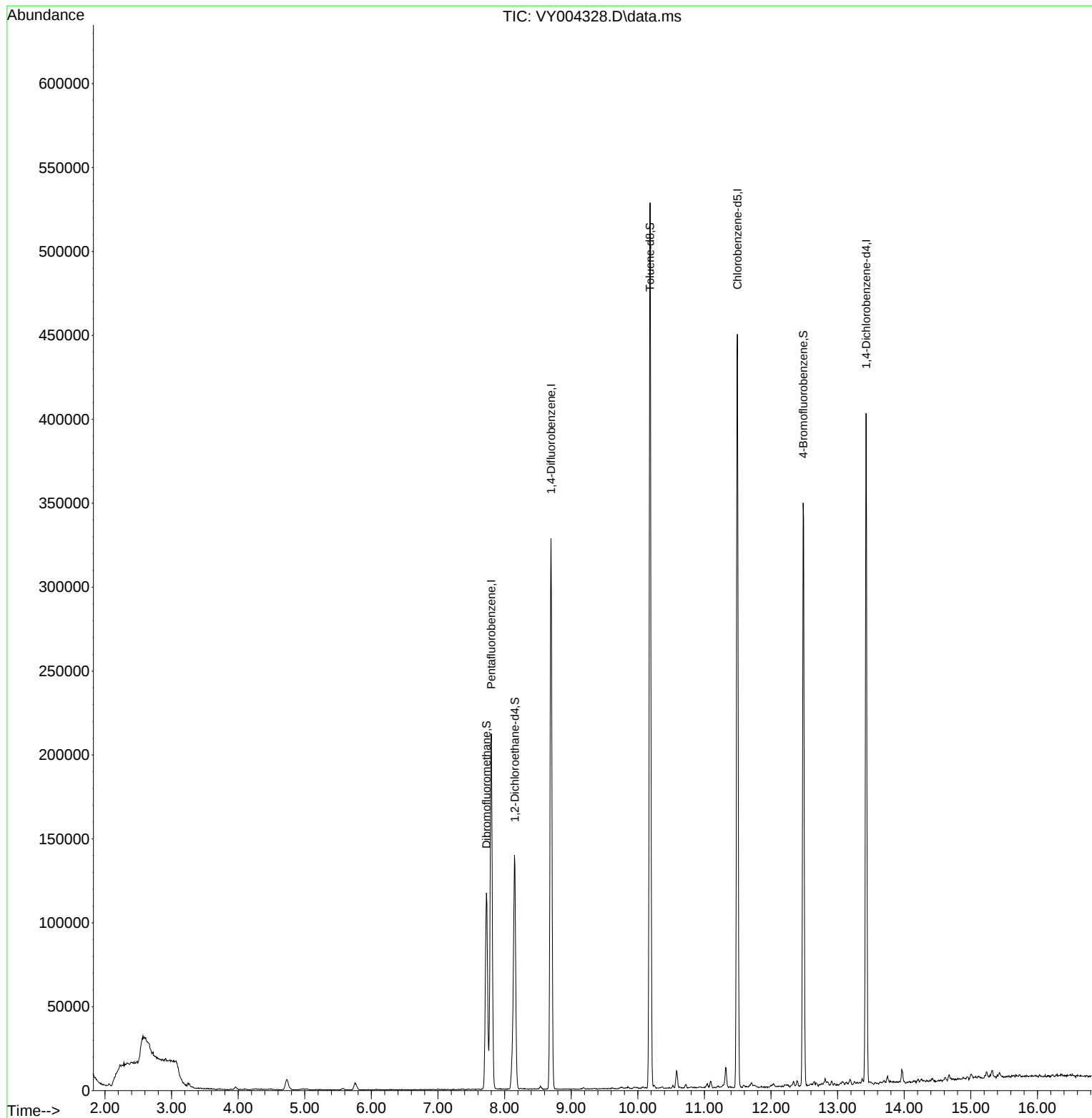
Target Compounds	Qvalue

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

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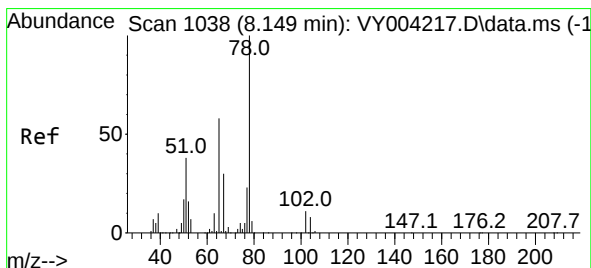
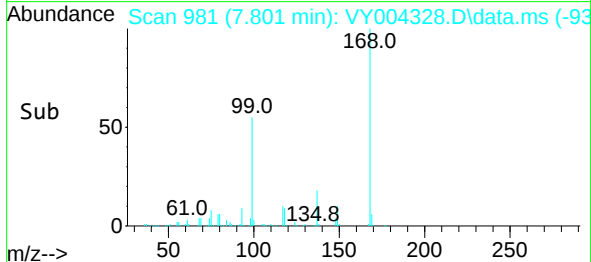
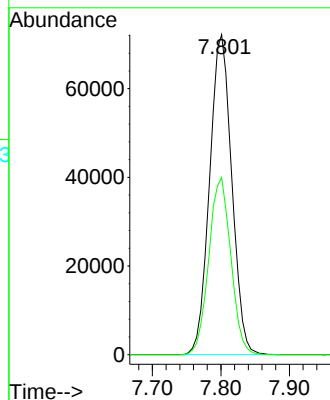
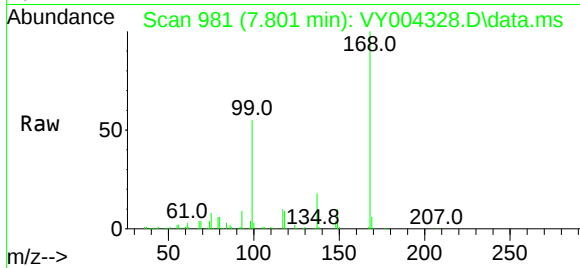




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

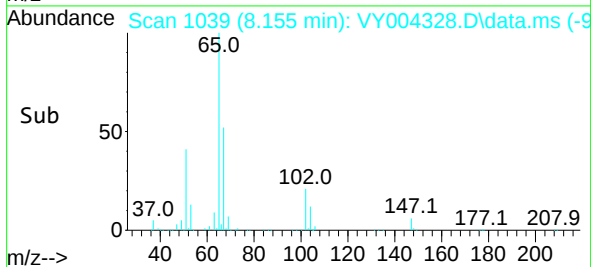
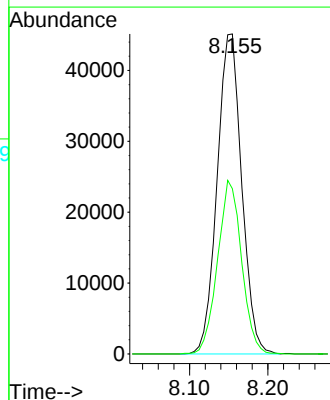
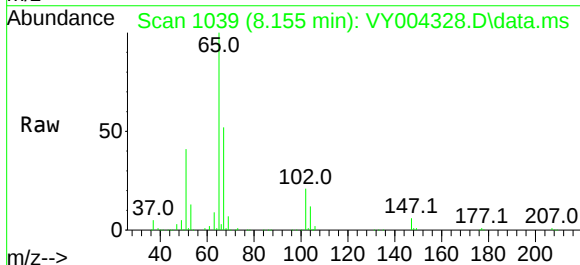
Instrument :
MSVOA_Y
ClientSampleId :
EMBANKMENT-FILL-COMPOSITE

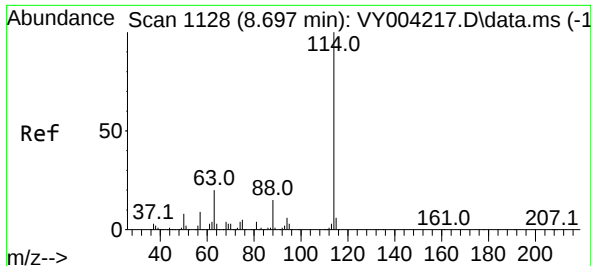
Tgt Ion:168 Resp: 162170
Ion Ratio Lower Upper
168 100
99 55.4 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 63.20 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

Tgt Ion: 65 Resp: 98526
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.2

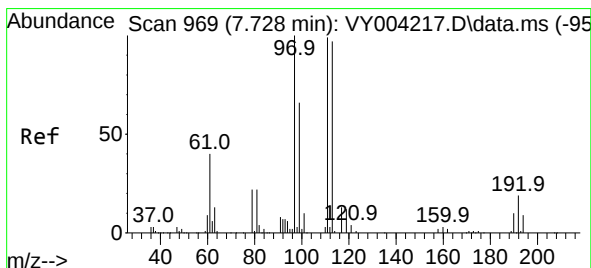
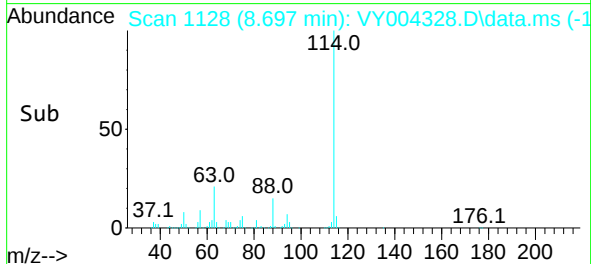
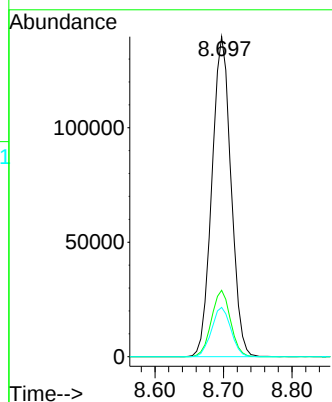
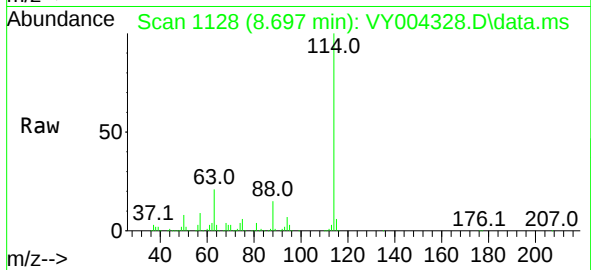




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

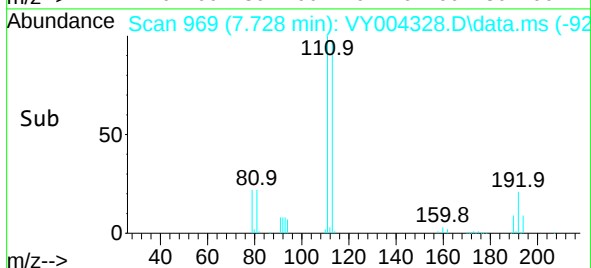
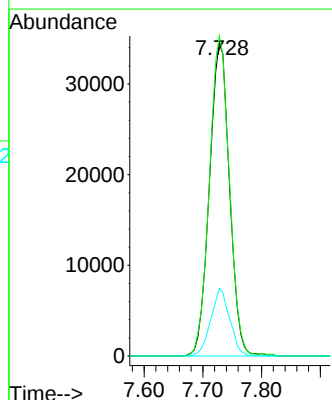
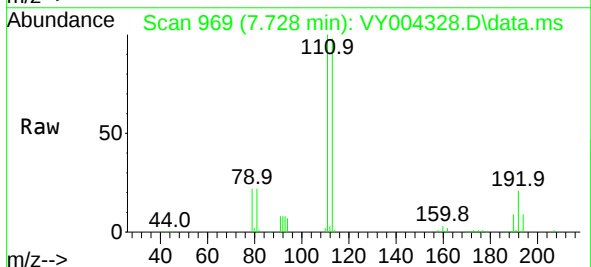
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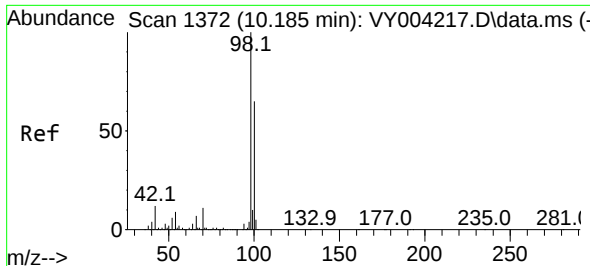
Tgt Ion:114 Resp: 270261
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.4
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.39 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

Tgt Ion:113 Resp: 81910
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 20.3 16.4 24.6

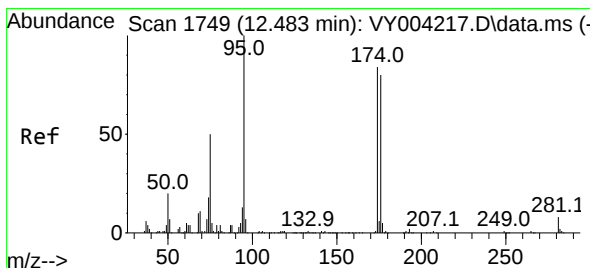
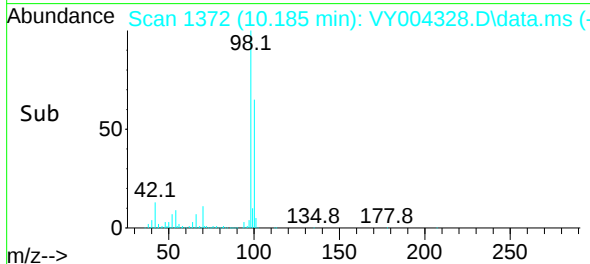
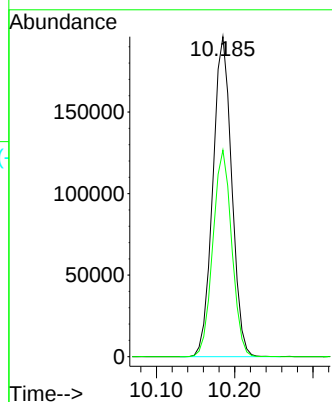
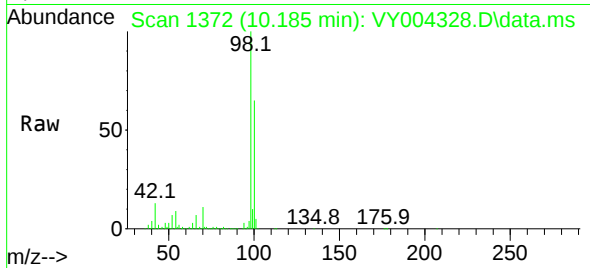




#50
Toluene-d8
Concen: 57.98 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

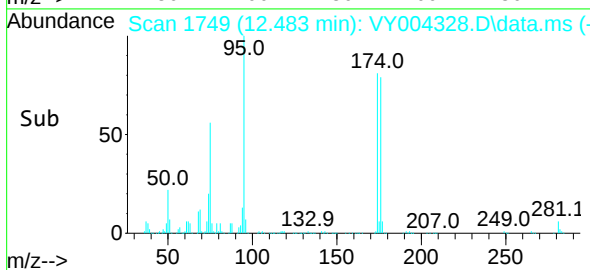
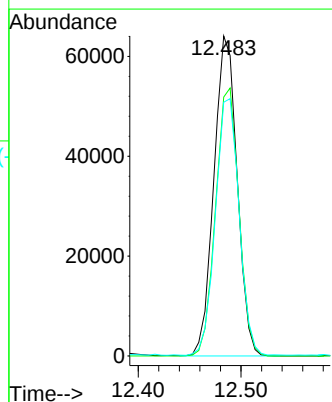
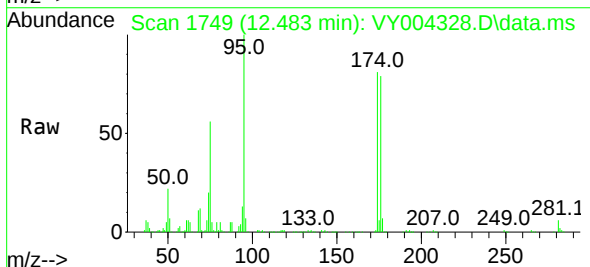
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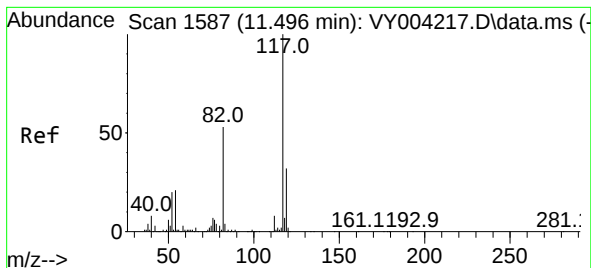
Tgt Ion: 98 Resp: 328385
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.73 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

Tgt Ion: 95 Resp: 100415
Ion Ratio Lower Upper
95 100
174 83.9 0.0 171.4
176 81.6 0.0 165.6

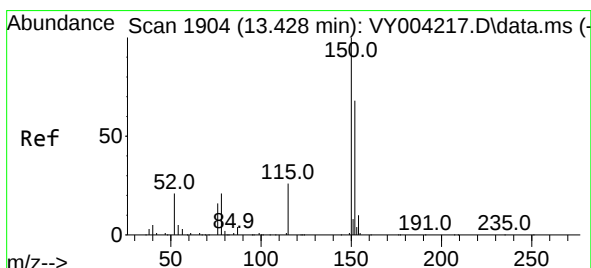
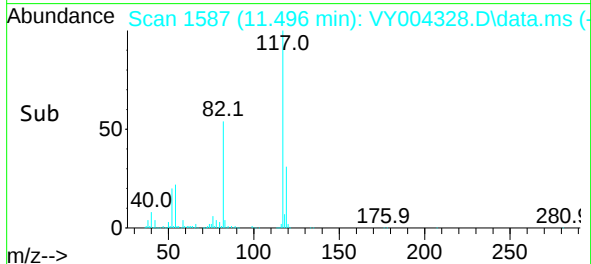
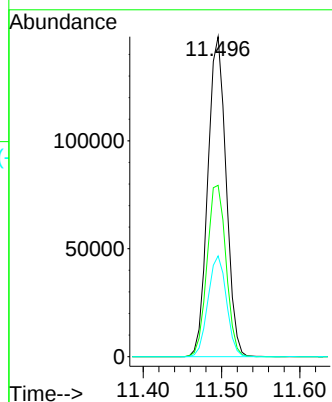
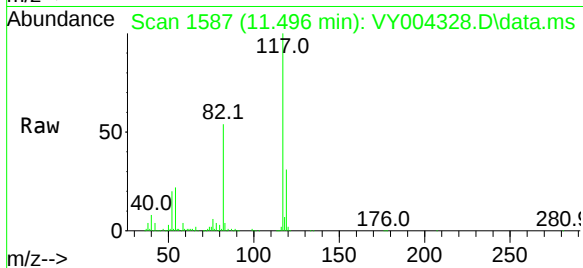




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

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Tgt Ion:	117	Resp:	239773
Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.7	64.1
119	31.5	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004328.D
Acq: 08 Apr 2021 12:09

Tgt Ion:	152	Resp:	97505
Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.0	87.1
150	153.3	0.0	347.4

