

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005654.D
 Acq On : 13 Aug 2021 23:03
 Operator : SY/MD
 Sample : M3407-25
 Misc : 10.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 29N

Quant Time: Aug 14 03:41:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	192301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	334063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	344109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177614	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	132964	68.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.620%
35) Dibromofluoromethane	7.728	113	102701	54.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.820%
50) Toluene-d8	10.185	98	428124	54.579	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.160%
62) 4-Bromofluorobenzene	12.483	95	153113	58.945	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.880%

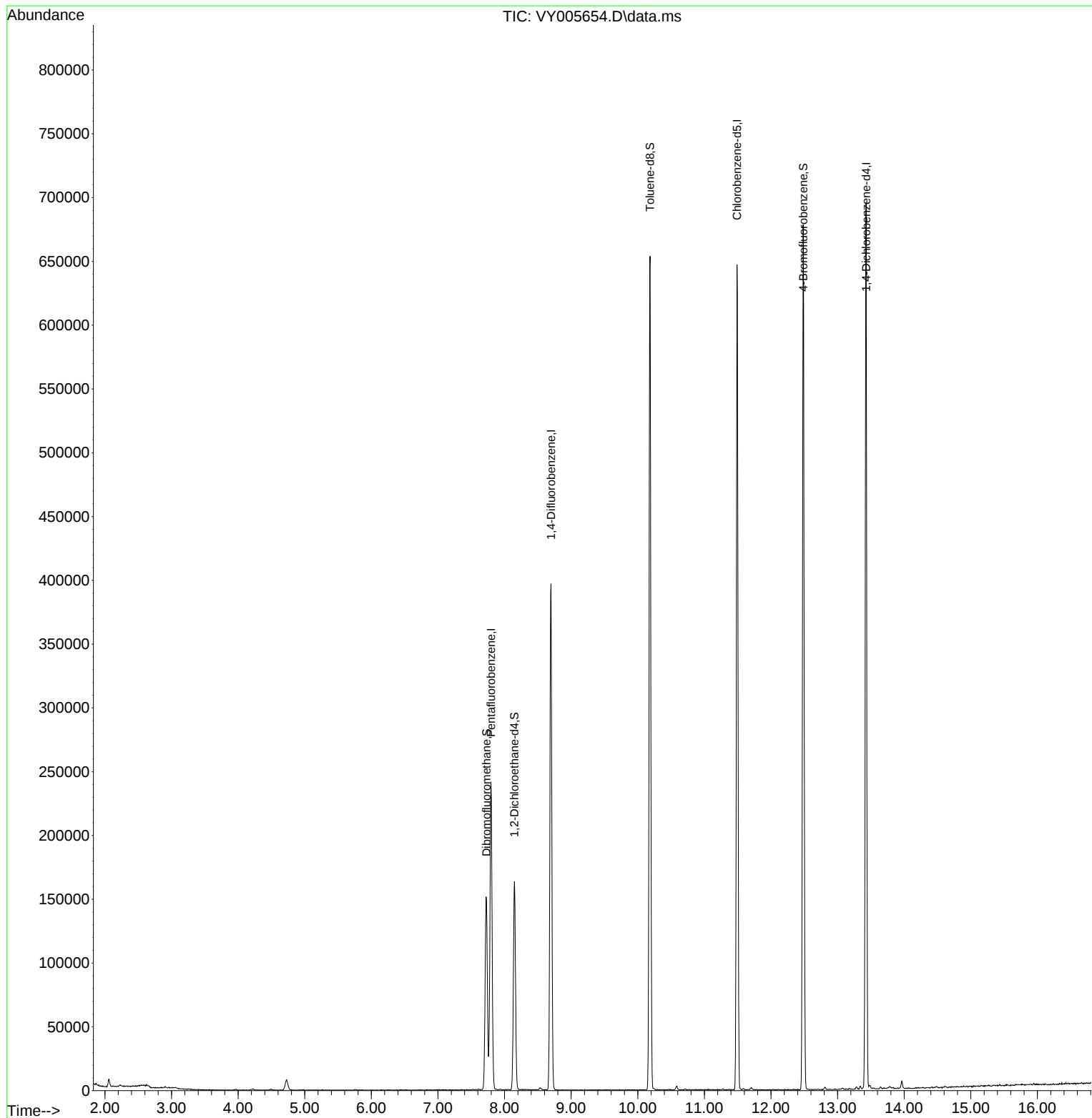
Target Compounds	Qvalue

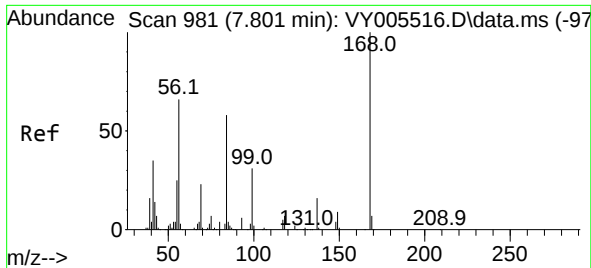
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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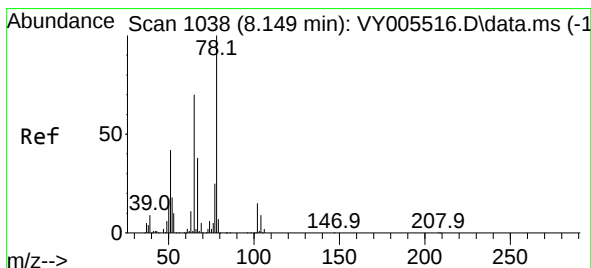
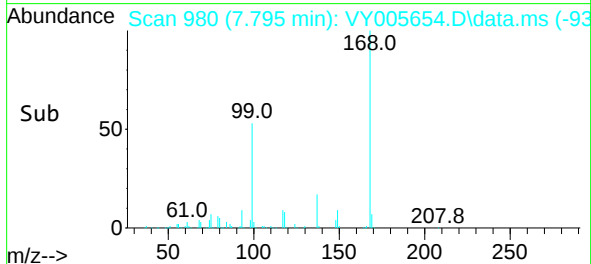
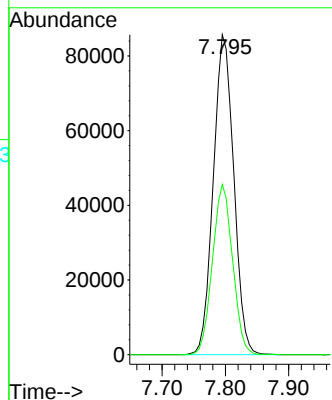
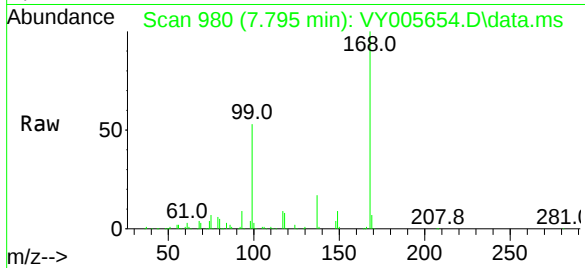




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

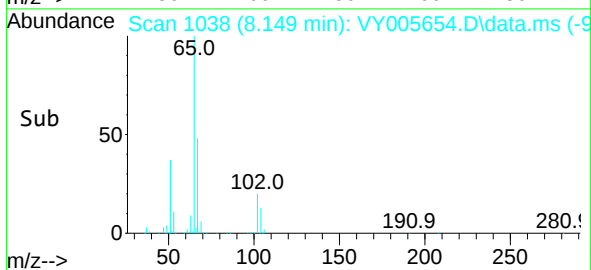
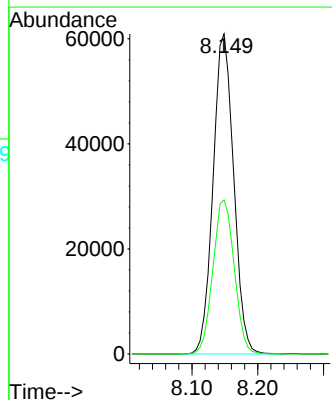
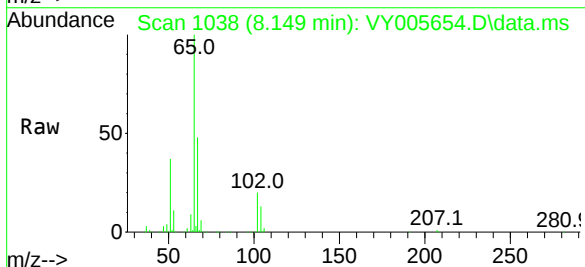
Instrument :
MSVOA_Y
ClientSampleId :
29N

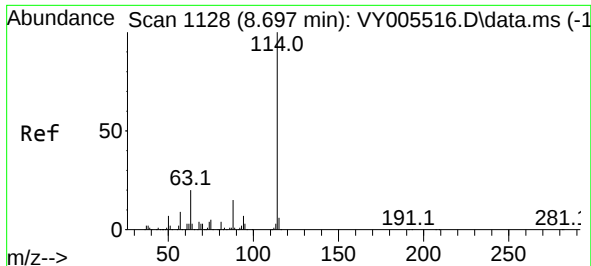
Tgt Ion:168 Resp: 192301
Ion Ratio Lower Upper
168 100
99 53.2 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 68.307 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

Tgt Ion: 65 Resp: 132964
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.4

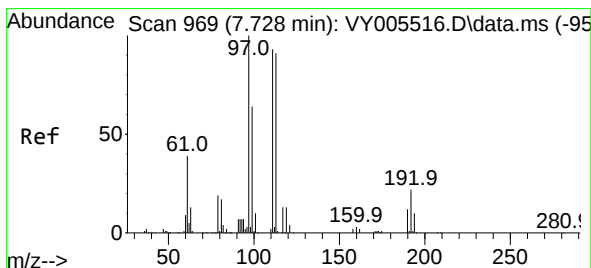
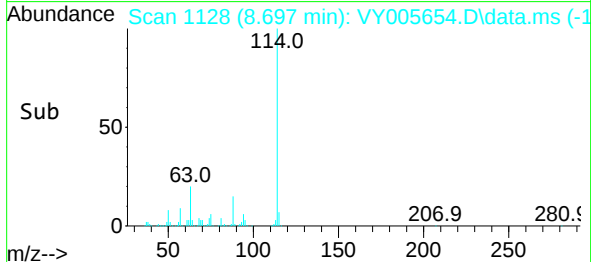
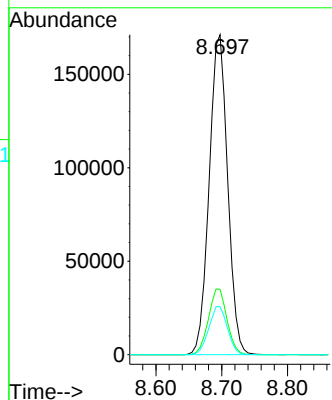
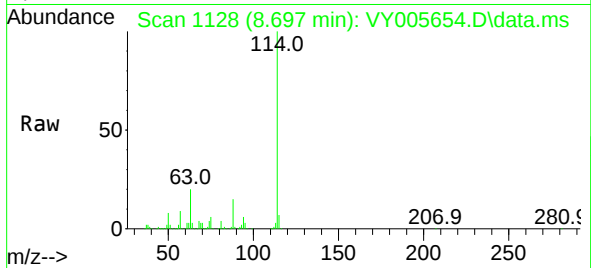




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

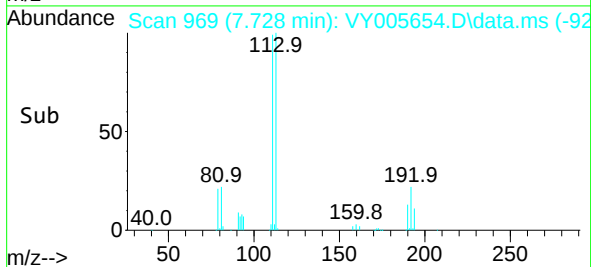
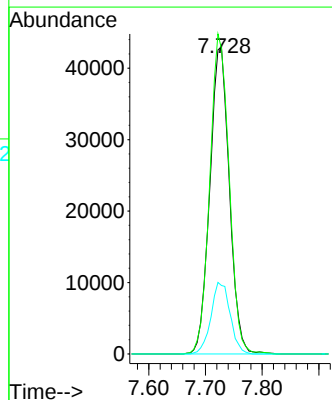
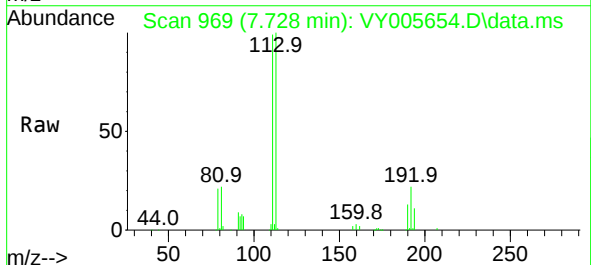
Instrument :
MSVOA_Y
ClientSampled :
29N

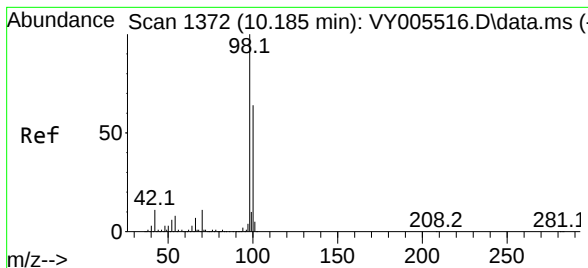
Tgt Ion:	114	Resp:	334063
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.2
88	15.0	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.910 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

Tgt Ion:	113	Resp:	102701
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	22.9	19.2	28.8

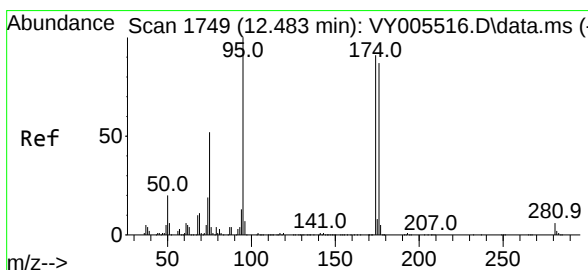
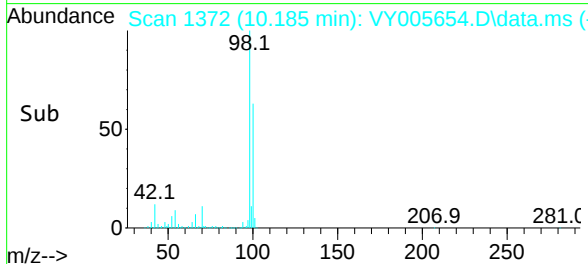
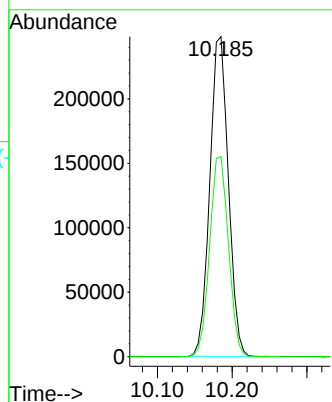
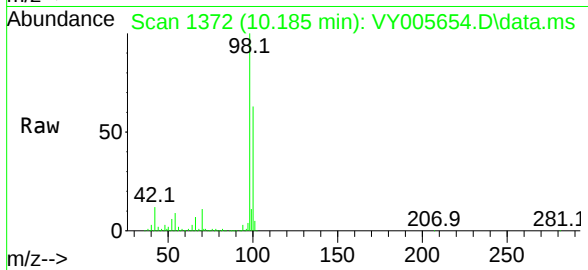




#50
Toluene-d8
Concen: 54.579 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

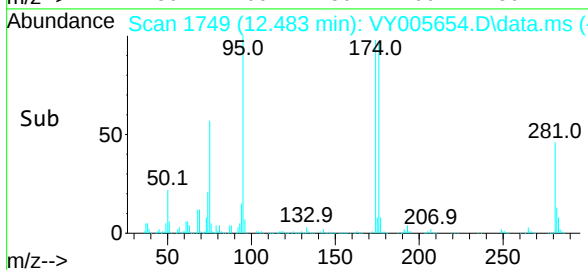
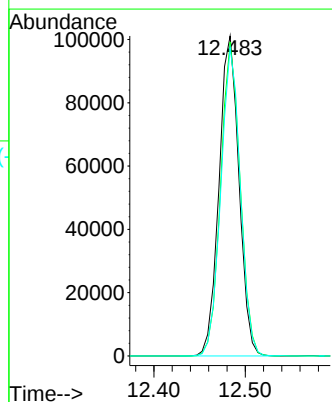
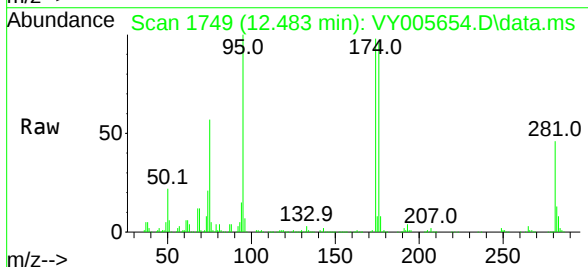
Instrument :
MSVOA_Y
ClientSampled :
29N

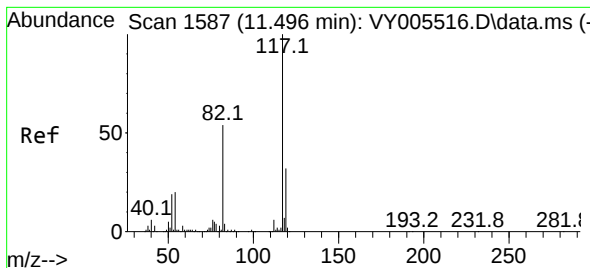
Tgt Ion: 98 Resp: 428124
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.945 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

Tgt Ion: 95 Resp: 153113
Ion Ratio Lower Upper
95 100
174 96.0 0.0 191.4
176 94.2 0.0 183.6

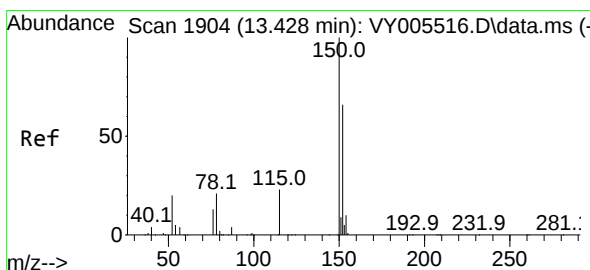
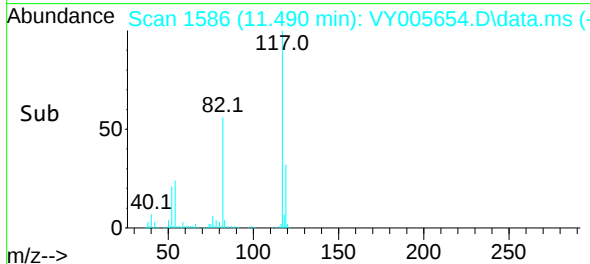
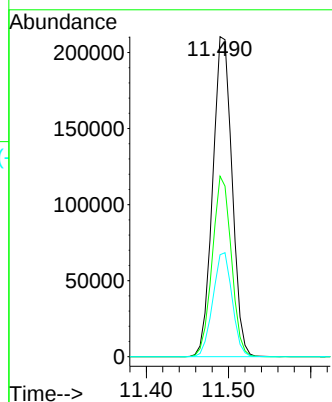
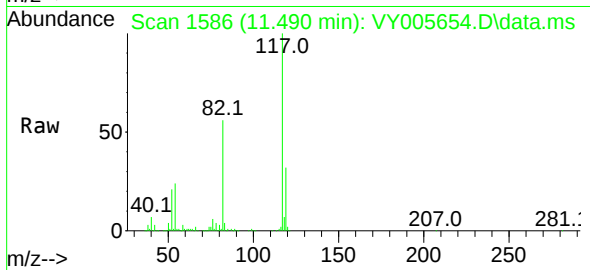




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

Instrument :
MSVOA_Y
ClientSampleId :
29N

Tgt Ion:117 Resp: 344109
Ion Ratio Lower Upper
117 100
82 56.4 43.5 65.3
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

Tgt Ion:152 Resp: 177614
Ion Ratio Lower Upper
152 100
115 54.2 27.3 81.9
150 156.7 0.0 350.2

