

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005652.D
 Acq On : 13 Aug 2021 22:17
 Operator : SY/MD
 Sample : M3407-19
 Misc : 6.66G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 28N

Quant Time: Aug 14 03:40:39 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	188389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	311360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69085	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113637	59.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.180%
35) Dibromofluoromethane	7.722	113	94099	53.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.960%
50) Toluene-d8	10.185	98	379876	51.960	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.920%
62) 4-Bromofluorobenzene	12.483	95	83547	34.509	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.020%

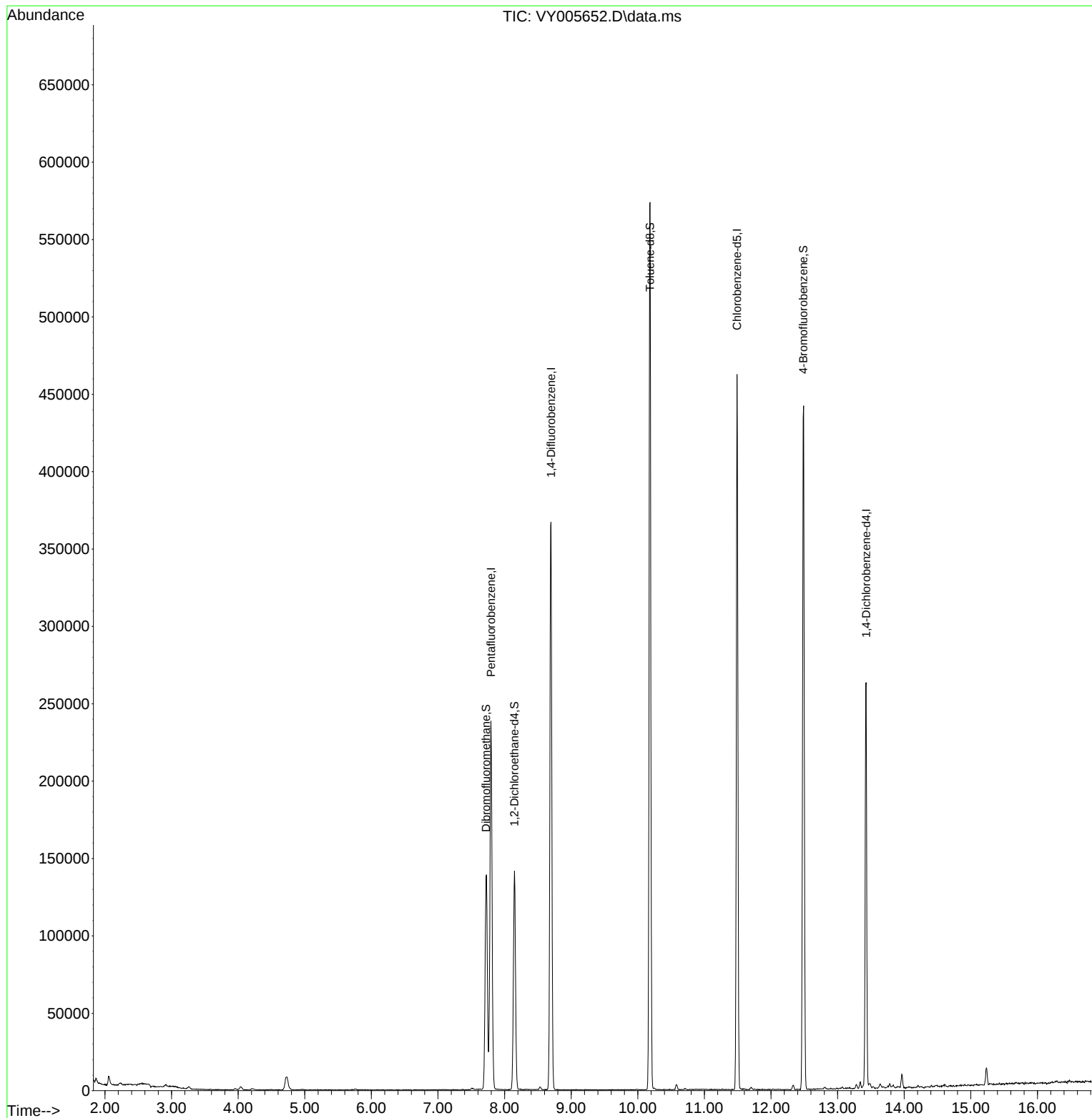
Target Compounds	Qvalue

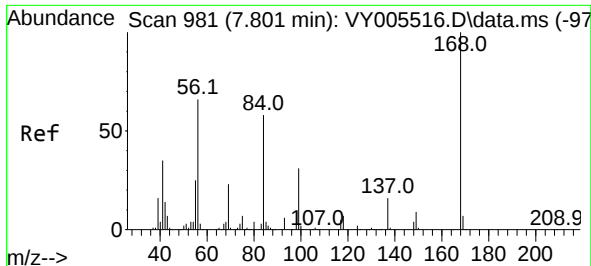
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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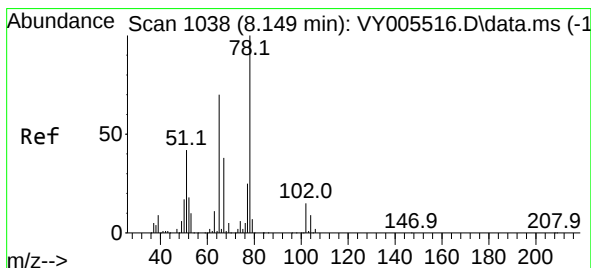
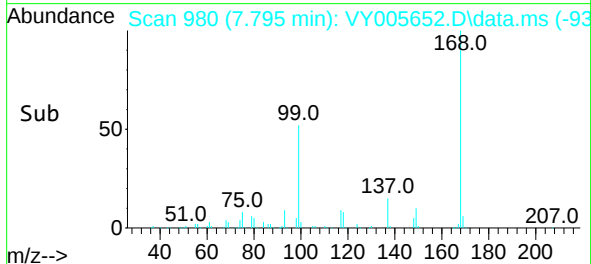
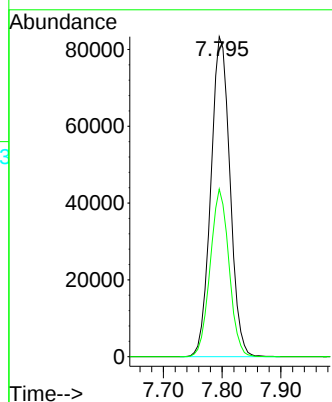
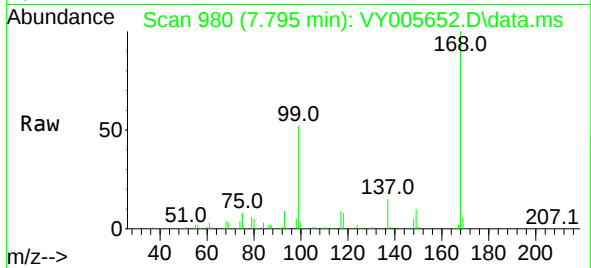




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

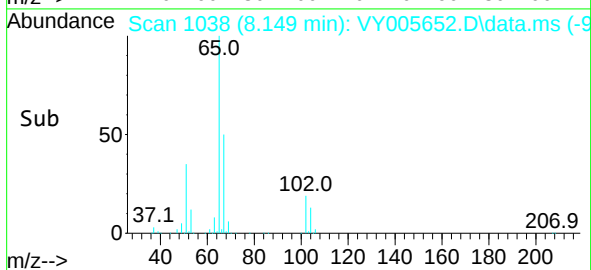
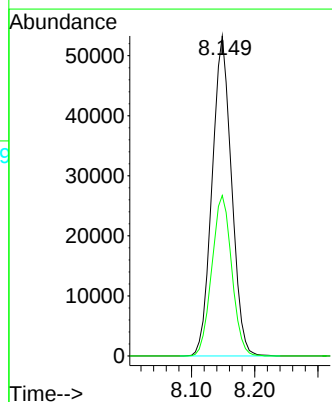
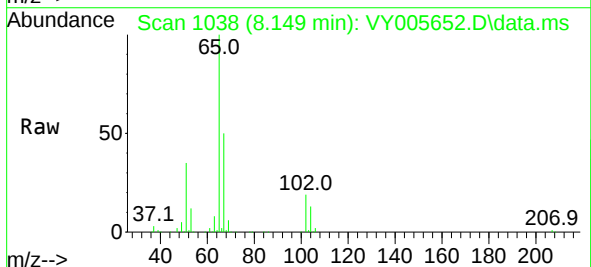
Instrument :
MSVOA_Y
ClientSampled :
28N

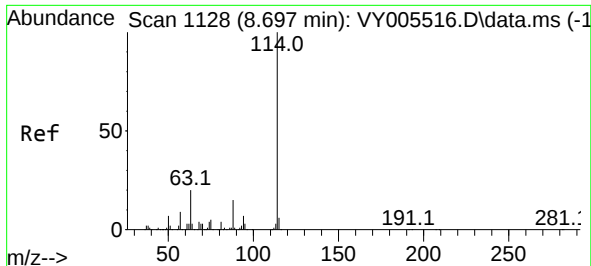
Tgt Ion:168 Resp: 188389
Ion Ratio Lower Upper
168 100
99 52.4 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 59.590 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

Tgt Ion: 65 Resp: 113637
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

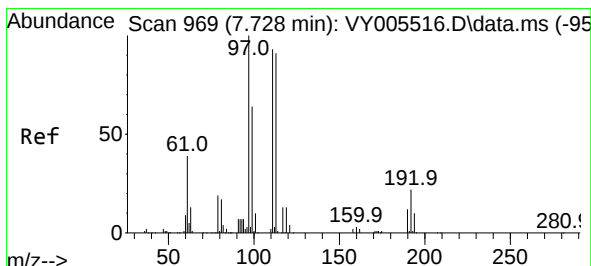
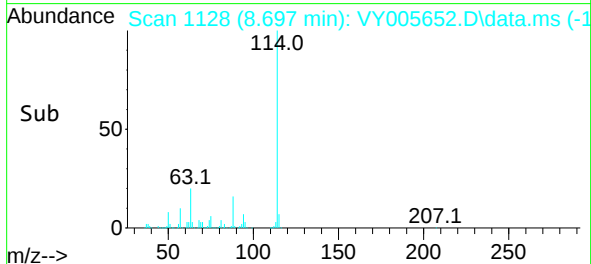
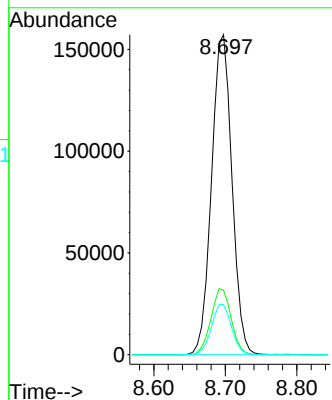
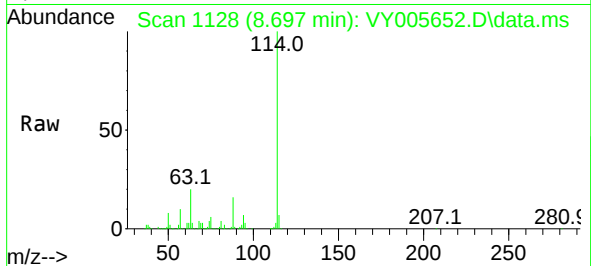




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

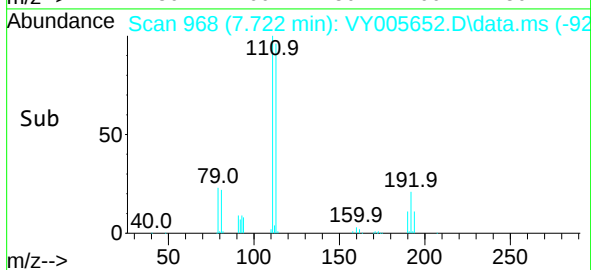
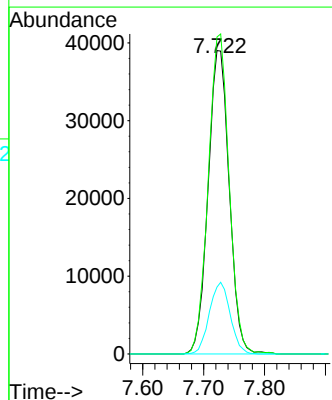
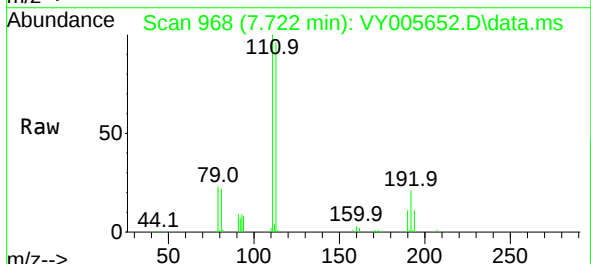
Instrument :
MSVOA_Y
ClientSampleId :
28N

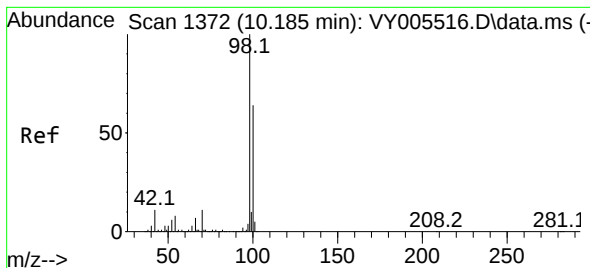
Tgt Ion:114 Resp: 311360
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 15.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.980 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

Tgt Ion:113 Resp: 94099
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 23.3 19.2 28.8

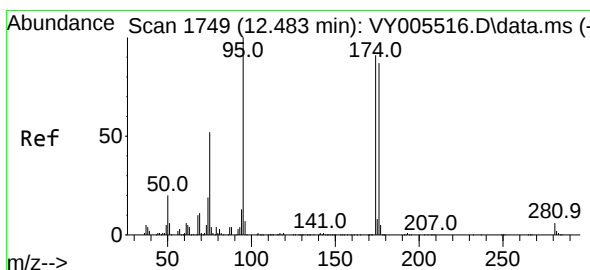
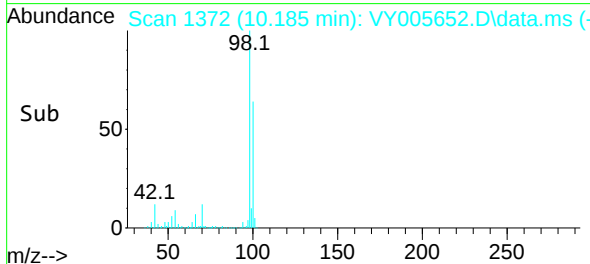
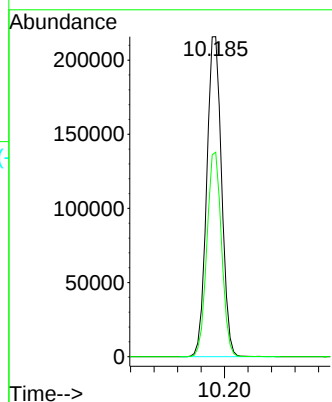
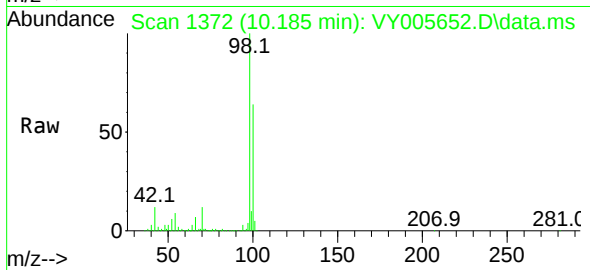




#50
Toluene-d8
Concen: 51.960 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

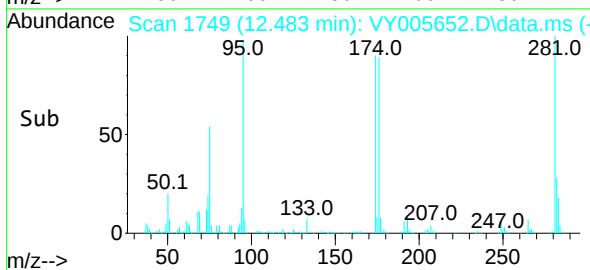
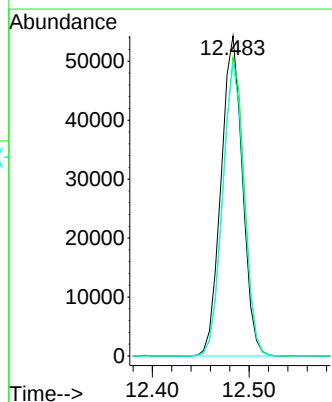
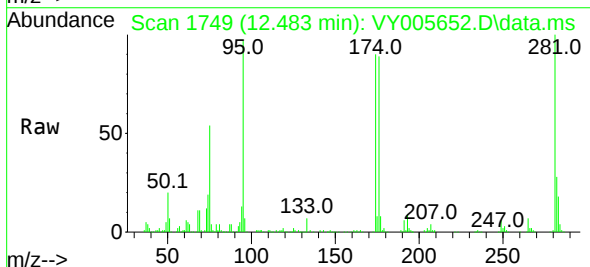
Instrument :
MSVOA_Y
ClientSampled :
28N

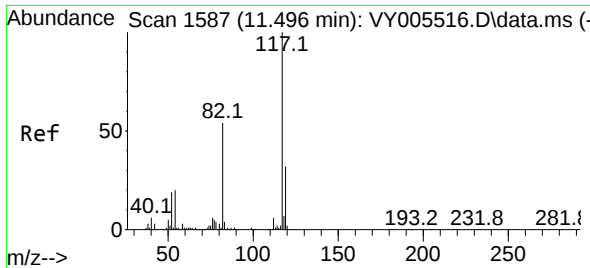
Tgt Ion: 98 Resp: 379876
Ion Ratio Lower Upper
98 100
100 62.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 34.509 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

Tgt Ion: 95 Resp: 83547
Ion Ratio Lower Upper
95 100
174 94.0 0.0 191.4
176 91.1 0.0 183.6

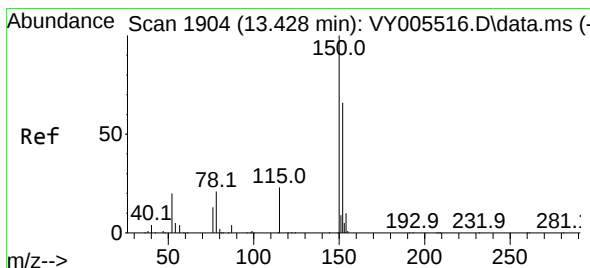
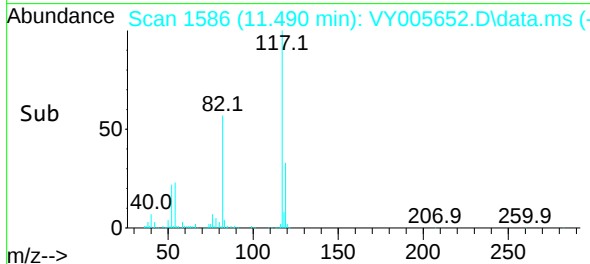
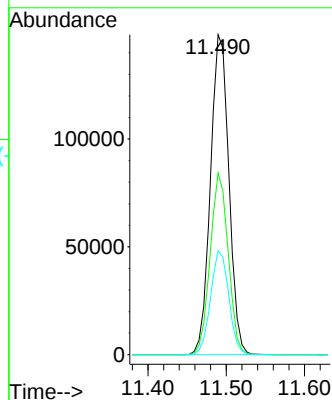
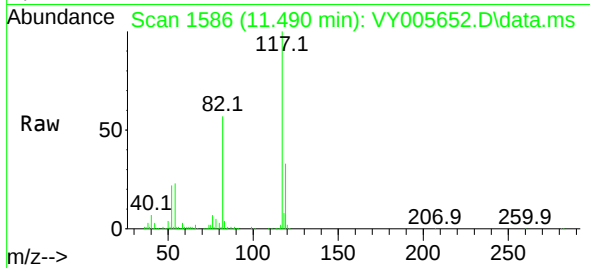




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005652.D
Acq: 13 Aug 2021 22:17

Instrument :
MSVOA_Y
ClientSampleId :
28N

Tgt Ion:	117	Resp:	242108
Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.5	65.3
119	32.5	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: VY005652.D
Acq: 13 Aug 2021 22:17

Tgt Ion:	152	Resp:	69085
Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.3	81.9
150	158.0	0.0	350.2

