

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005585.D
 Acq On : 10 Aug 2021 11:09
 Operator : SY/MD
 Sample : M3341-01
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 228-344

Quant Time: Aug 11 03:36:03 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	198814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	318502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	300741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106584	52.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.920%
35) Dibromofluoromethane	7.728	113	92322	51.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.540%
50) Toluene-d8	10.185	98	400556	53.560	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.120%
62) 4-Bromofluorobenzene	12.483	95	128417	51.853	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.700%

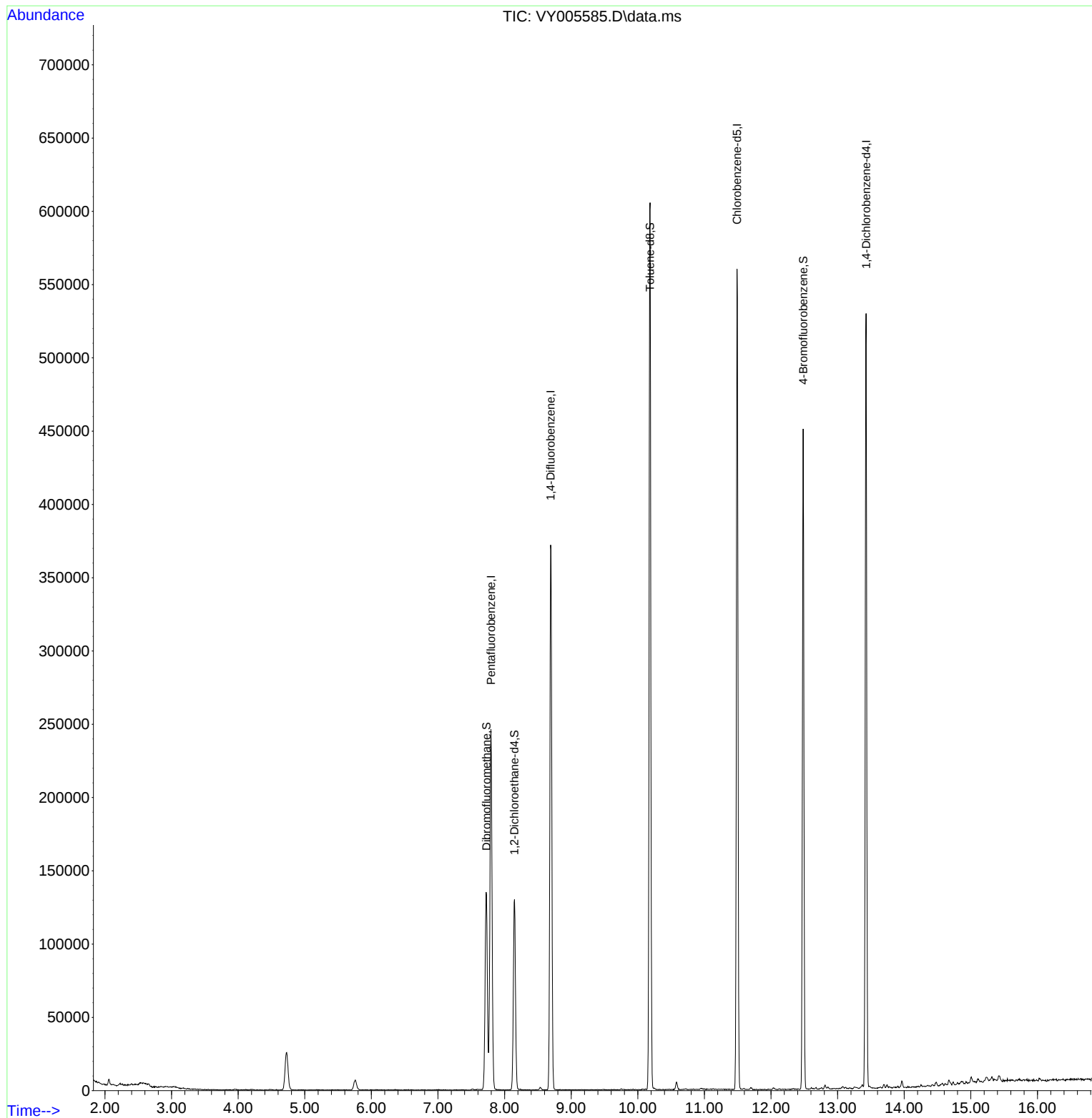
Target Compounds	Qvalue

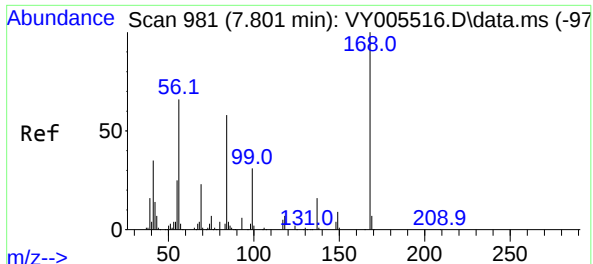
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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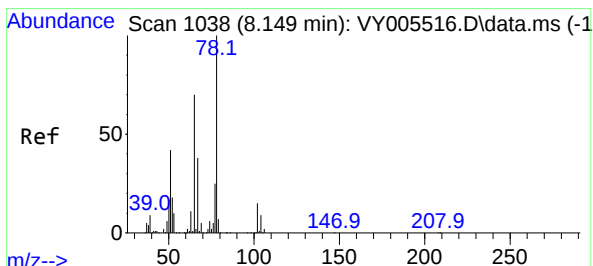
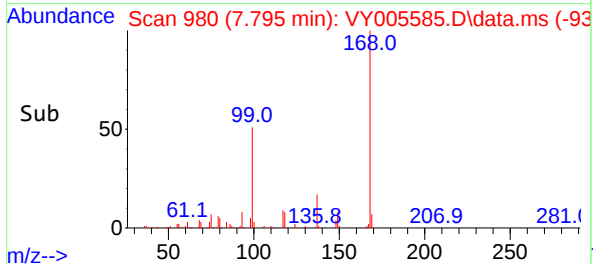
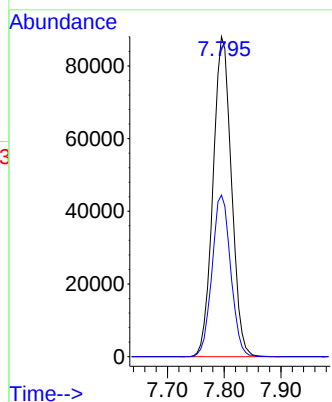
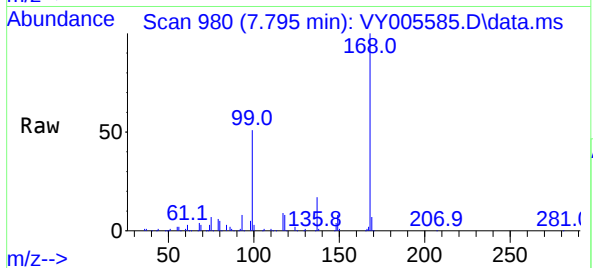




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

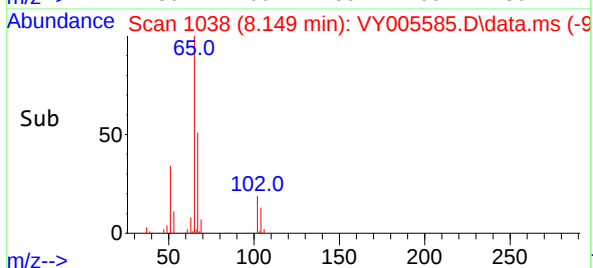
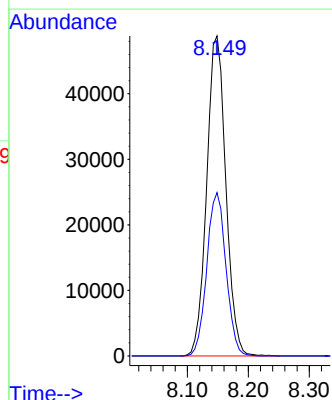
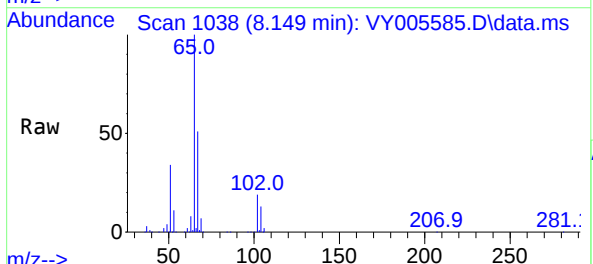
Instrument :
MSVOA_Y
ClientSampleId :
228-344

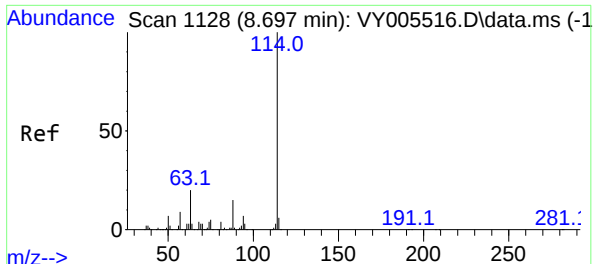
Tgt Ion:168 Resp: 198814
Ion Ratio Lower Upper
168 100
99 50.5 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 52.961 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

Tgt Ion: 65 Resp: 106584
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4



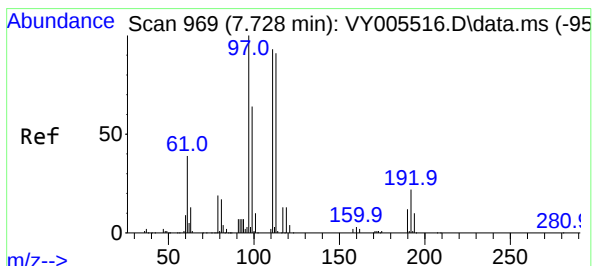
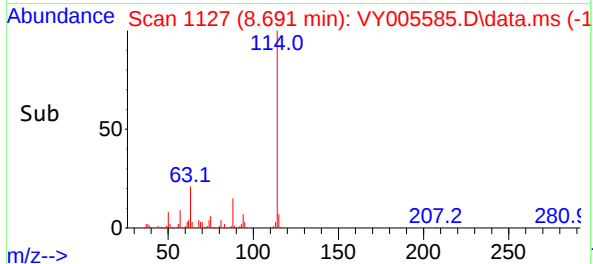
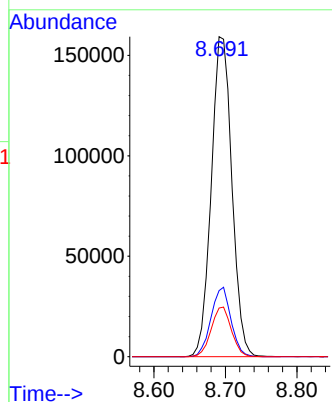
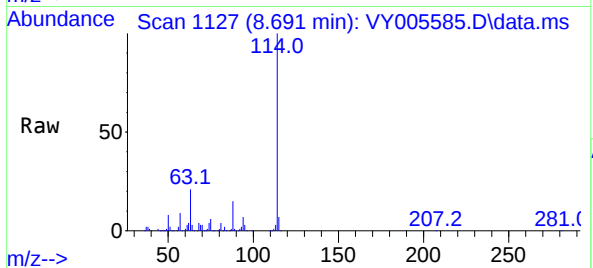


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

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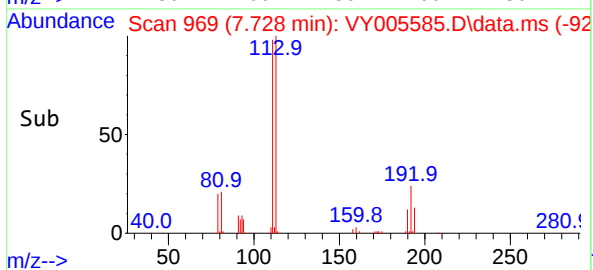
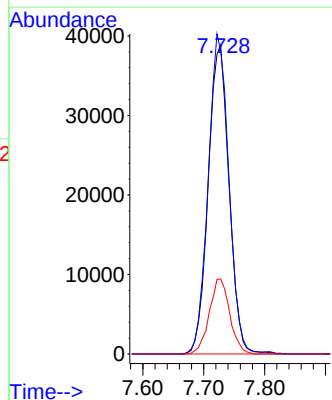
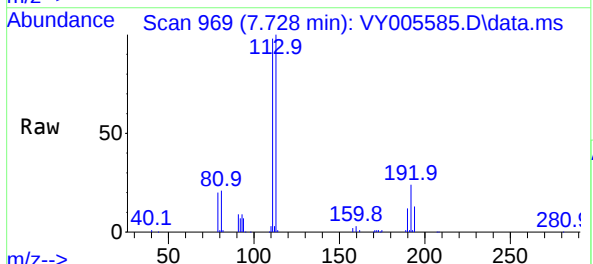
Tgt Ion:114 Resp: 318502
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.2
88 15.2 0.0 30.8



#35

Dibromofluoromethane
Concen: 51.773 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

Tgt Ion:113 Resp: 92322
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 23.8 19.2 28.8

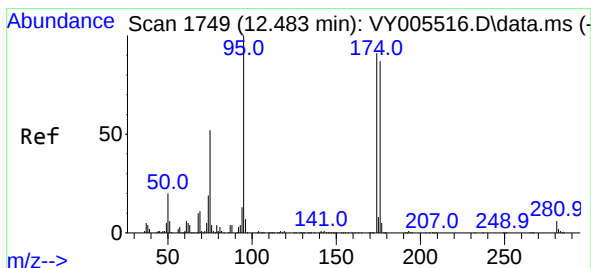
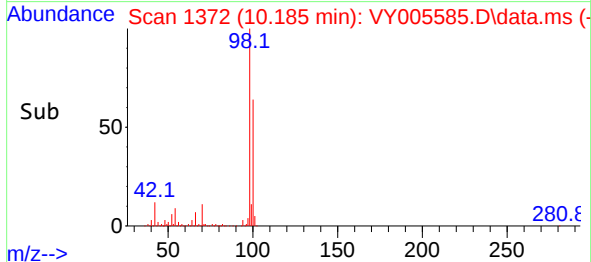
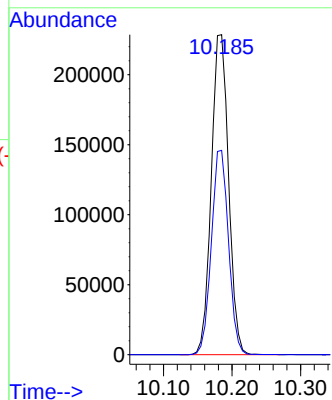
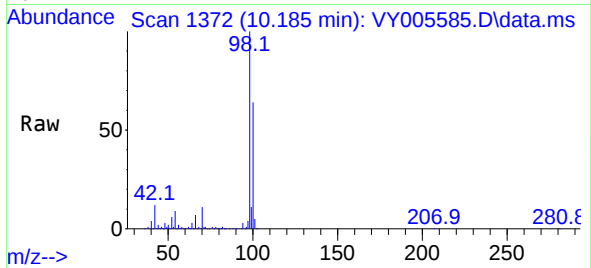




#50
Toluene-d8
Concen: 53.560 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

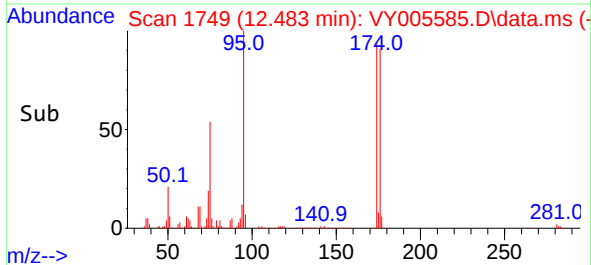
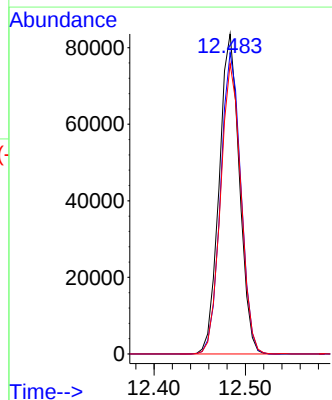
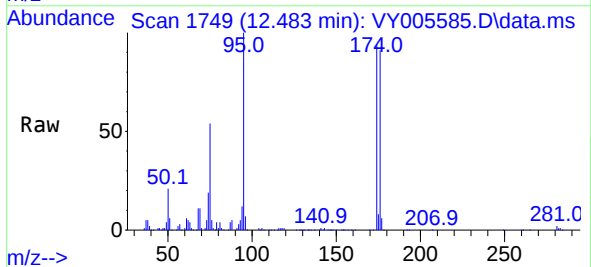
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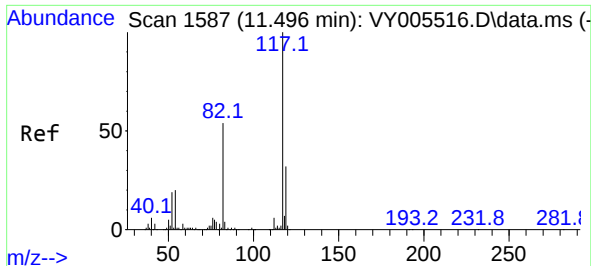
Tgt Ion: 98 Resp: 400556
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 51.853 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

Tgt Ion: 95 Resp: 128417
Ion Ratio Lower Upper
95 100
174 94.1 0.0 191.4
176 91.3 0.0 183.6

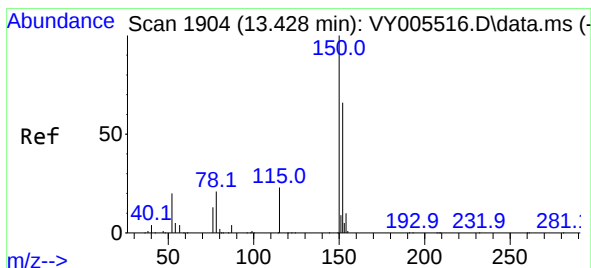
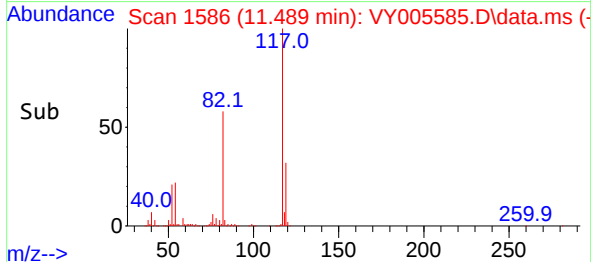
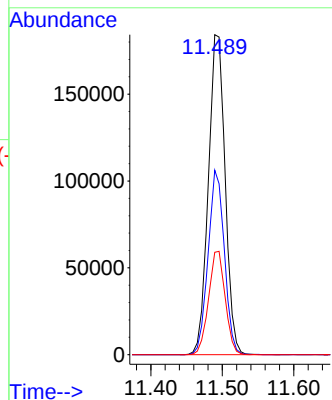
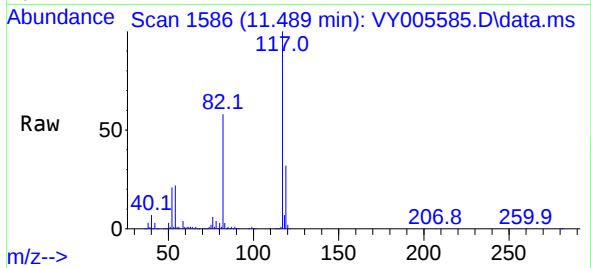




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005585.D
Acq: 10 Aug 2021 11:09

Instrument :
MSVOA_Y
ClientSampleId :
228-344

Tgt Ion:117 Resp: 300741
Ion Ratio Lower Upper
117 100
82 57.6 43.5 65.3
119 32.0 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: VY005585.D
Acq: 10 Aug 2021 11:09

Tgt Ion:152 Resp: 137597
Ion Ratio Lower Upper
152 100
115 54.6 27.3 81.9
150 156.9 0.0 350.2

