

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005948.D
 Acq On : 07 Sep 2021 16:48
 Operator : SY/MD
 Sample : M3658-03
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-251607

Quant Time: Sep 08 02:14:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	5125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	9055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	11469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4631	89.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	179.340%#
35) Dibromofluoromethane	7.722	113	3218	63.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.560%
50) Toluene-d8	10.185	98	11618	54.437	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.880%
62) 4-Bromofluorobenzene	12.483	95	6366	88.833	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	177.660%#

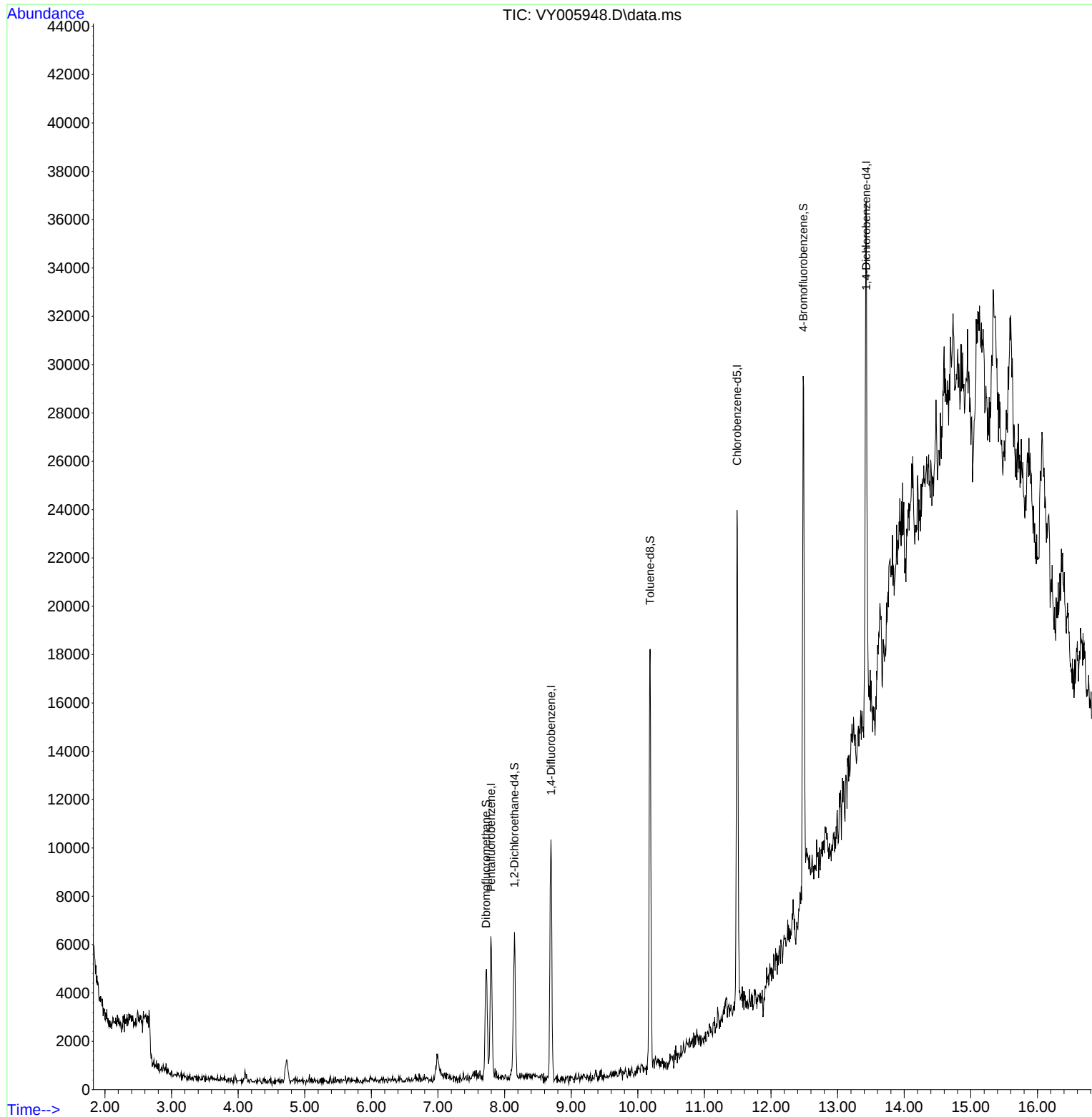
Target Compounds	Qvalue

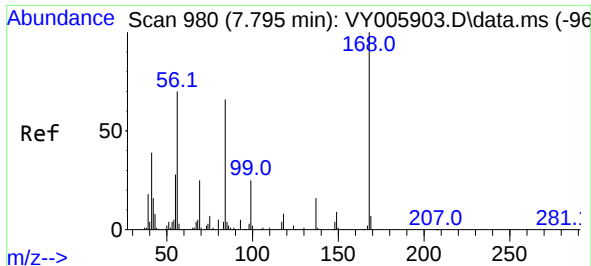
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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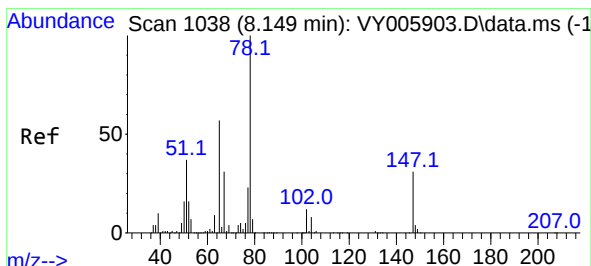
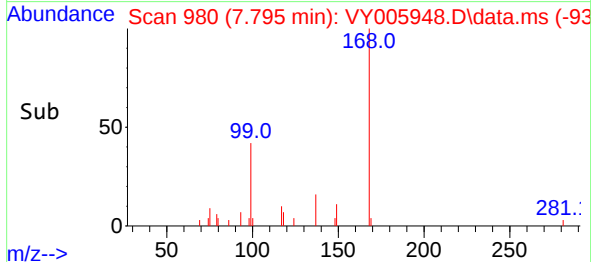
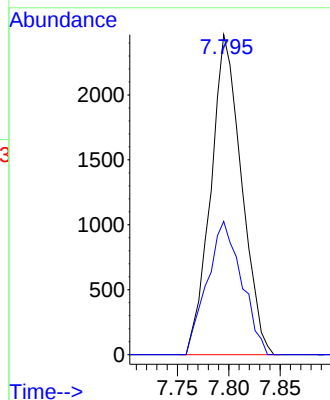
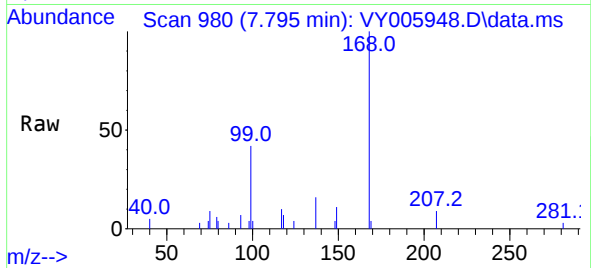




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005948.D
Acq: 07 Sep 2021 16:48

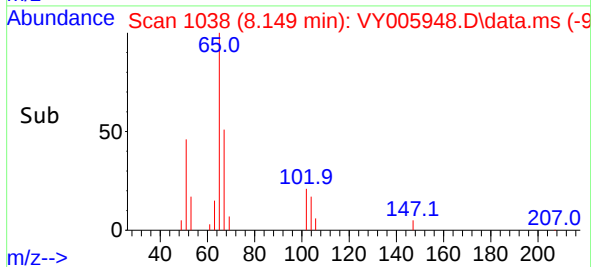
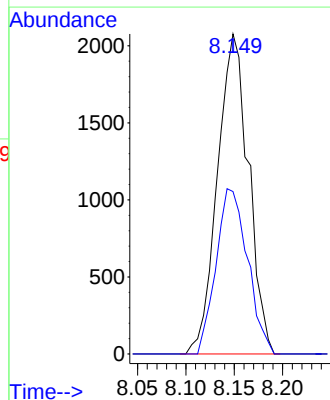
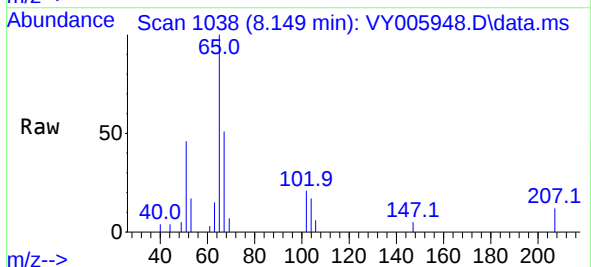
Instrument :
MSVOA_Y
ClientSampleId :
RBR-251607

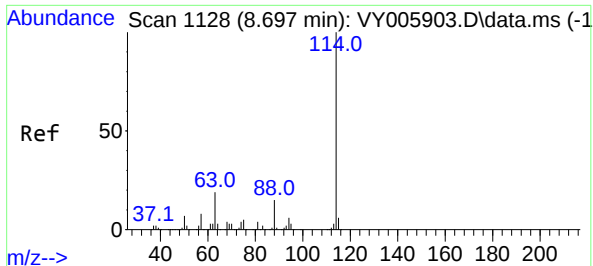
Tgt Ion:168 Resp: 5125
Ion Ratio Lower Upper
168 100
99 41.6 40.6 60.8



#33
1,2-Dichloroethane-d4
Concen: 89.668 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005948.D
Acq: 07 Sep 2021 16:48

Tgt Ion: 65 Resp: 4631
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4



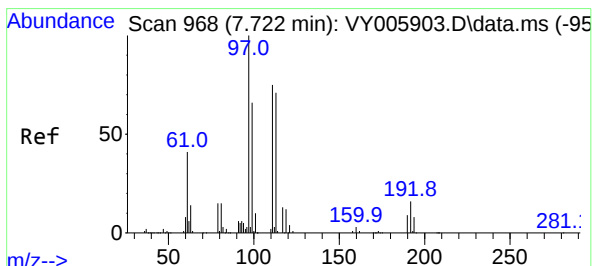
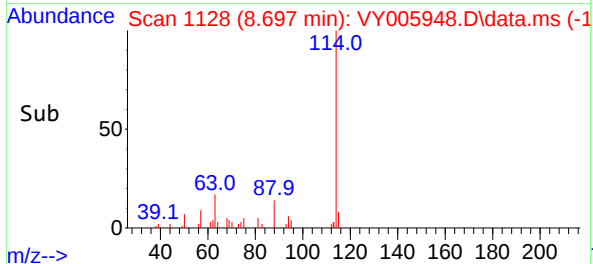
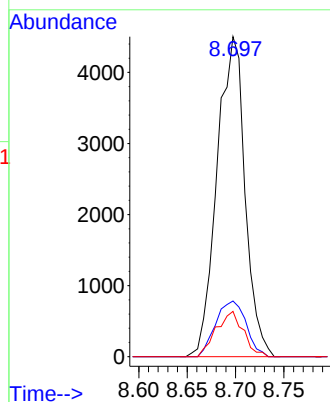
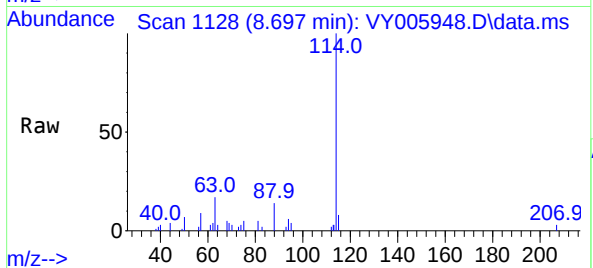


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005948.D
Acq: 07 Sep 2021 16:48

Instrument :
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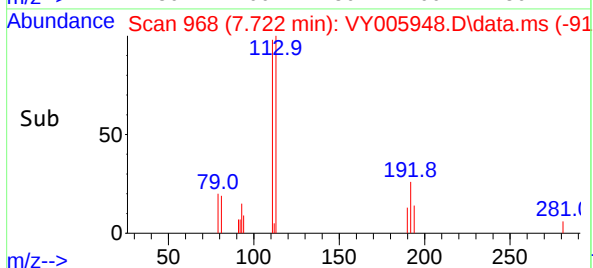
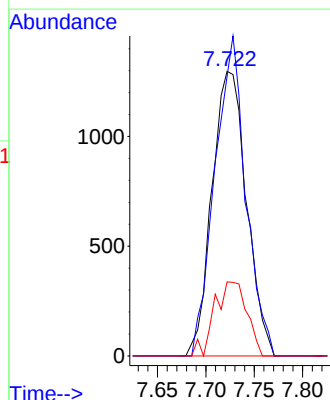
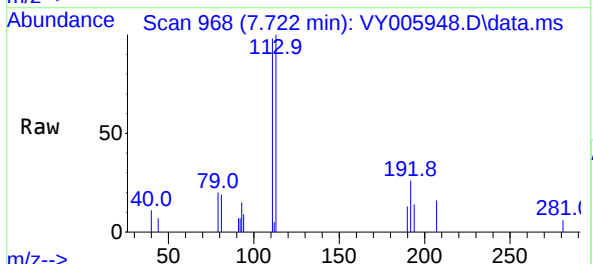
Tgt Ion:	114	Resp:	9055
Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	38.4
88	14.2	0.0	30.0

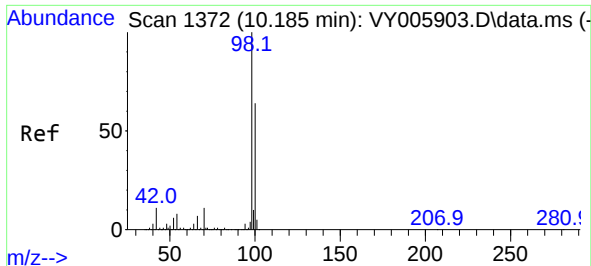


#35

Dibromofluoromethane
Concen: 63.281 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005948.D
Acq: 07 Sep 2021 16:48

Tgt Ion:	113	Resp:	3218
Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.9	122.9
192	24.4	19.4	29.0

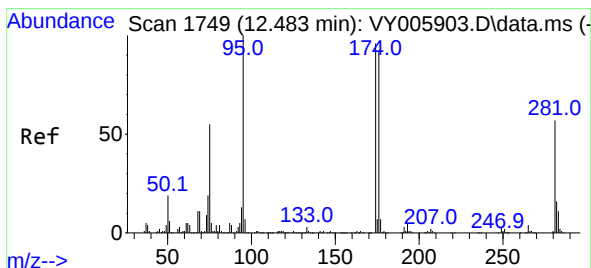
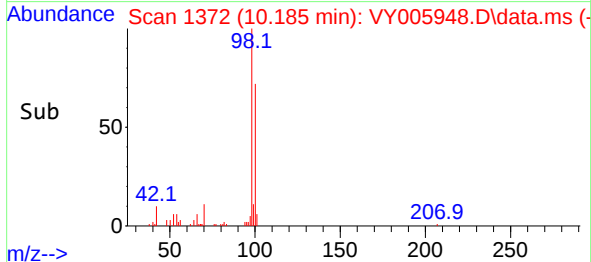
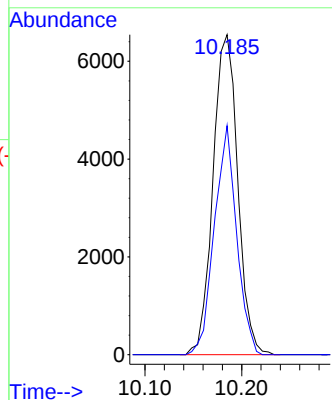
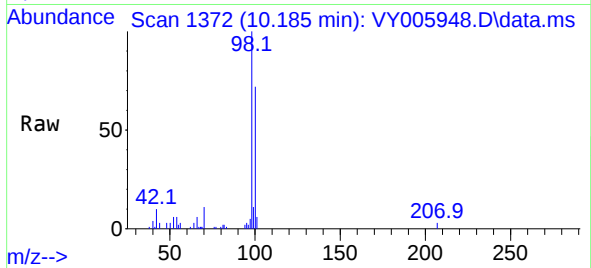




#50
Toluene-d8
Concen: 54.437 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005948.D
Acq: 07 Sep 2021 16:48

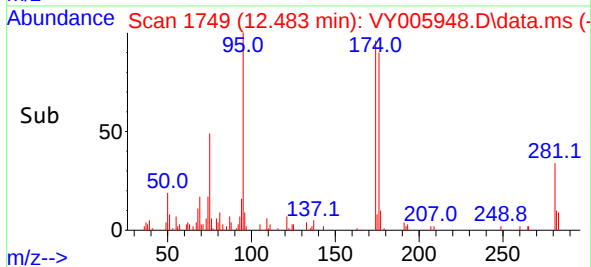
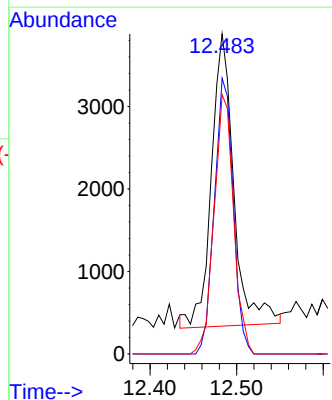
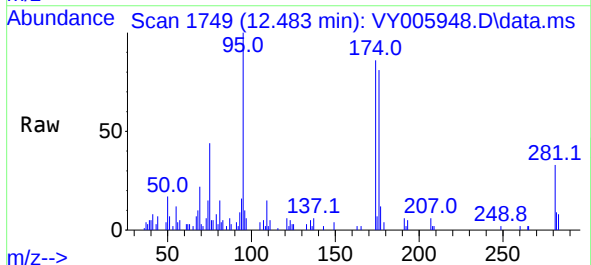
Instrument :
MSVOA_Y
ClientSampleId :
RBR-251607

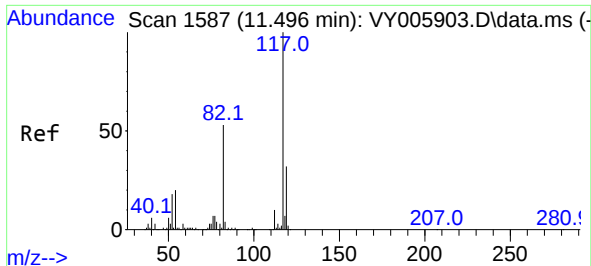
Tgt Ion: 98 Resp: 11618
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 88.833 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005948.D
Acq: 07 Sep 2021 16:48

Tgt Ion: 95 Resp: 6366
Ion Ratio Lower Upper
95 100
174 79.2 0.0 192.4
176 77.1 0.0 186.8

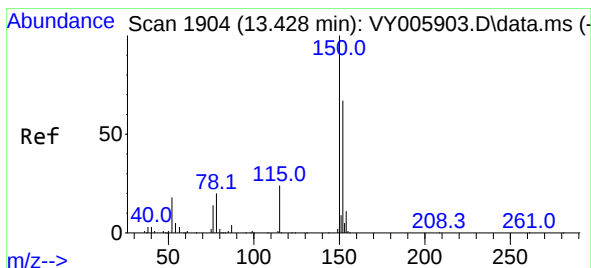
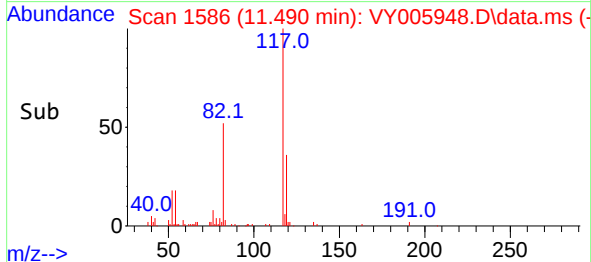
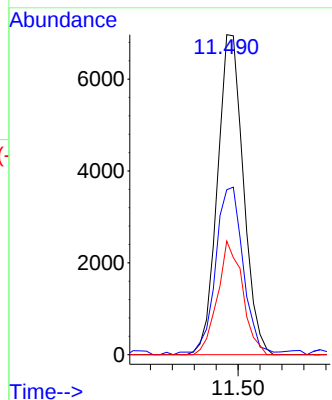
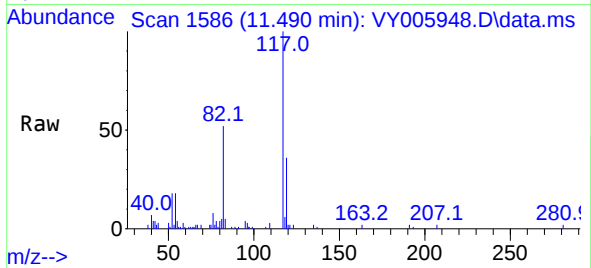




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005948.D
Acq: 07 Sep 2021 16:48

Instrument :
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Tgt Ion:	117	Resp:	11469
Ion	Ratio	Lower	Upper
117	100		
82	50.7	42.4	63.6
119	35.5	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005948.D
Acq: 07 Sep 2021 16:48

Tgt Ion:	152	Resp:	5597
Ion	Ratio	Lower	Upper
152	100		
115	64.8	26.8	80.4
150	175.6	0.0	345.6

