

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091421\
 Data File : VY006013.D
 Acq On : 14 Sep 2021 17:17
 Operator : SY/MD
 Sample : M3731-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-091421

Quant Time: Sep 15 05:15:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	22818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	33286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	30650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13348	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	13885	43.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.620%
35) Dibromofluoromethane	7.728	113	11007	53.239	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.480%
50) Toluene-d8	10.185	98	42324	48.032	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.483	95	12579	42.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.100%

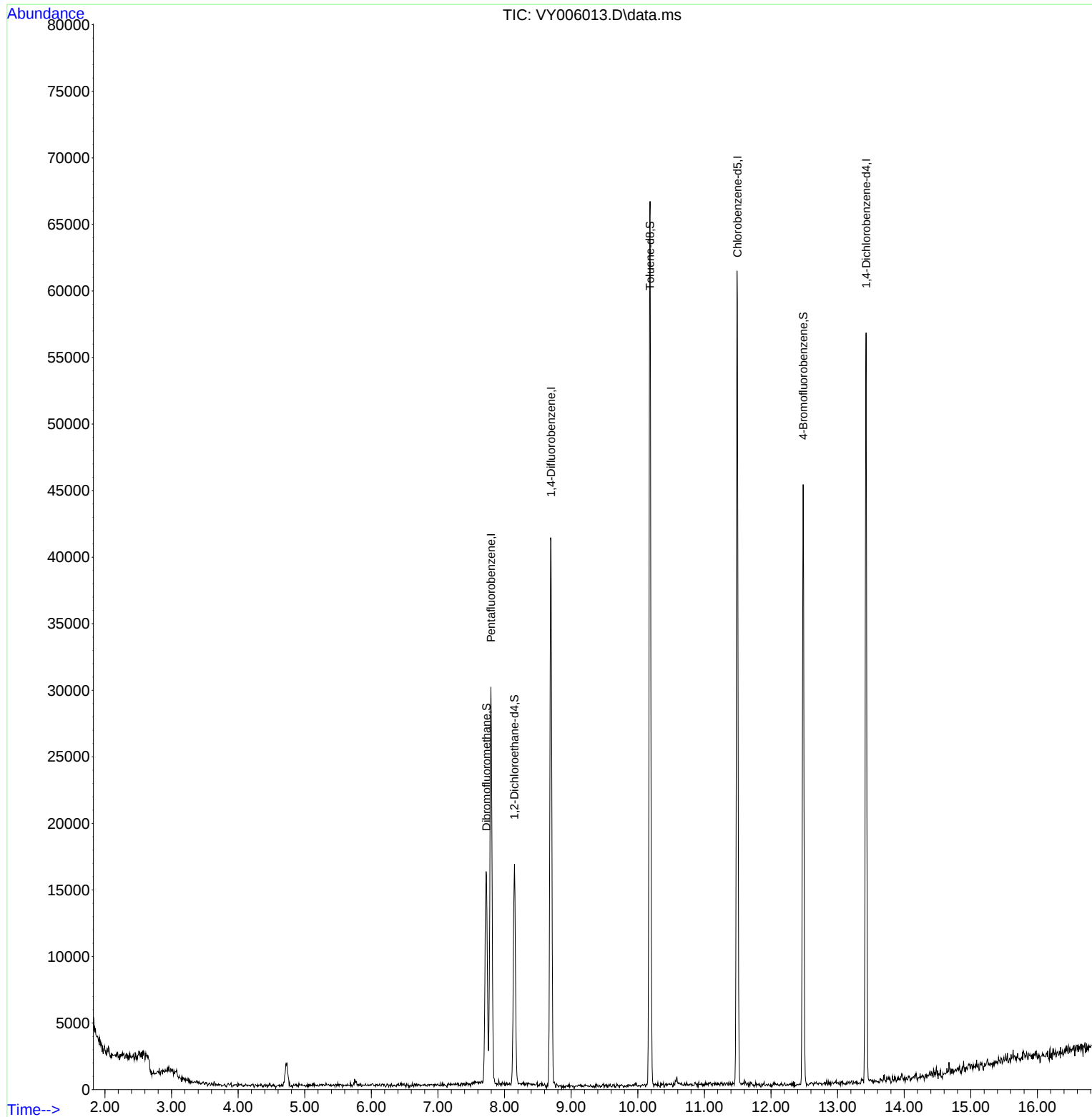
Target Compounds	Qvalue

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

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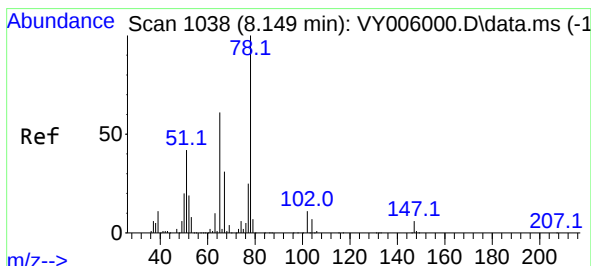
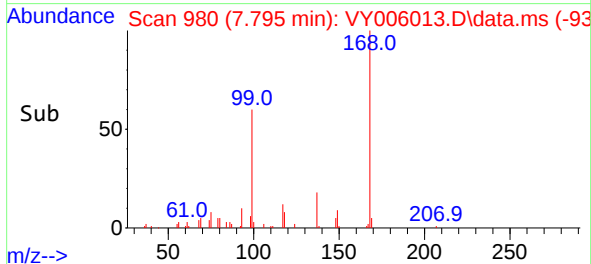
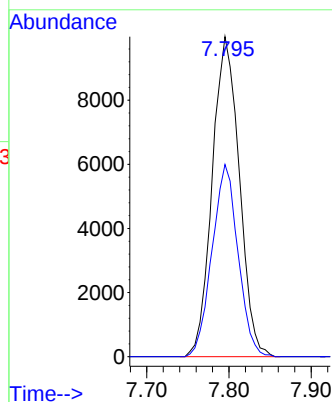
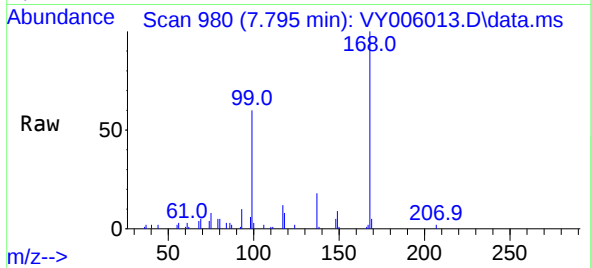




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006013.D
Acq: 14 Sep 2021 17:17

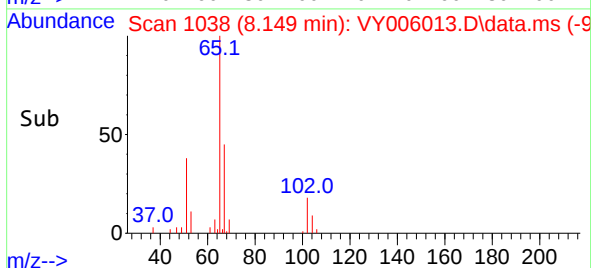
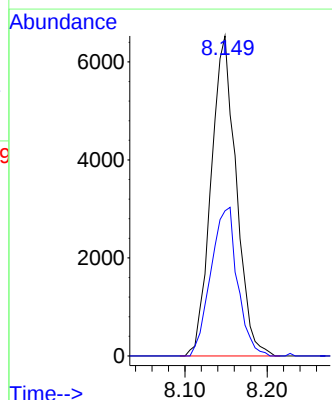
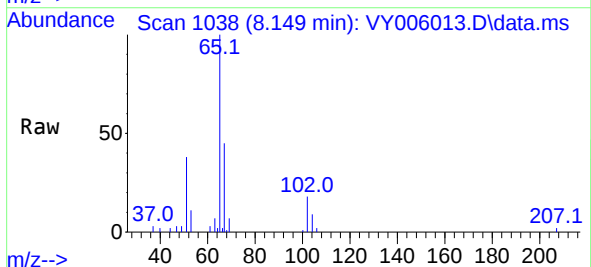
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-091421

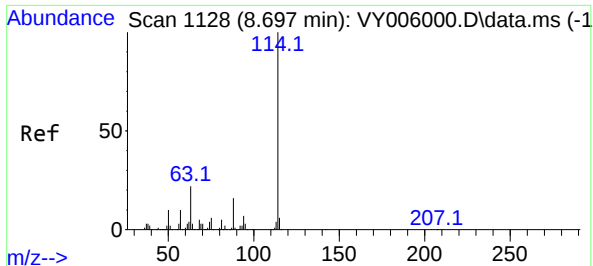
Tgt Ion:168 Resp: 22818
Ion Ratio Lower Upper
168 100
99 60.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 43.807 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006013.D
Acq: 14 Sep 2021 17:17

Tgt Ion: 65 Resp: 13885
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.4

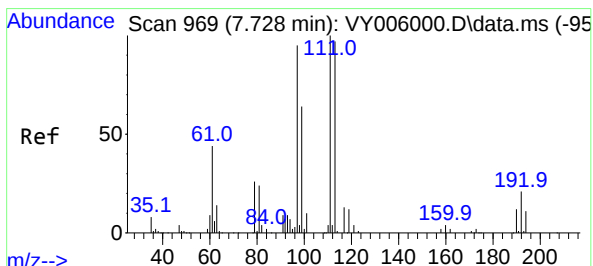
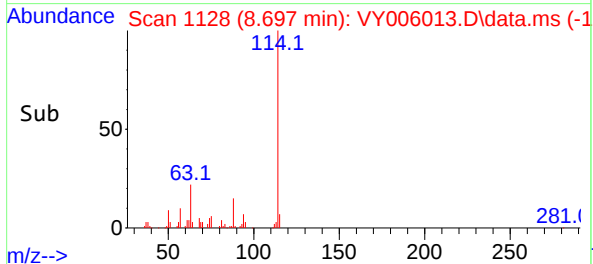
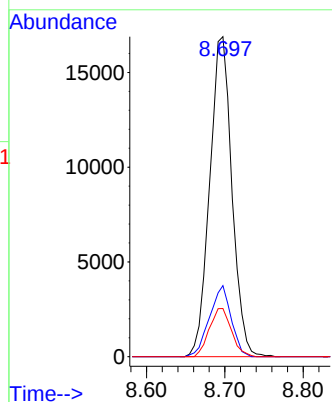
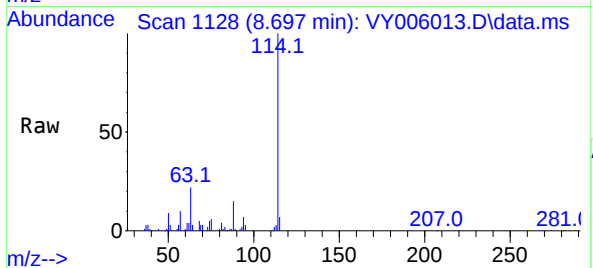




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006013.D
Acq: 14 Sep 2021 17:17

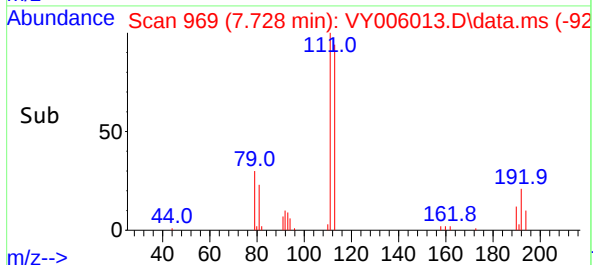
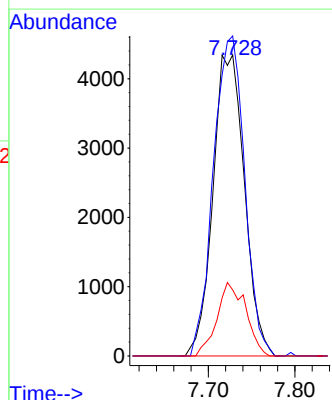
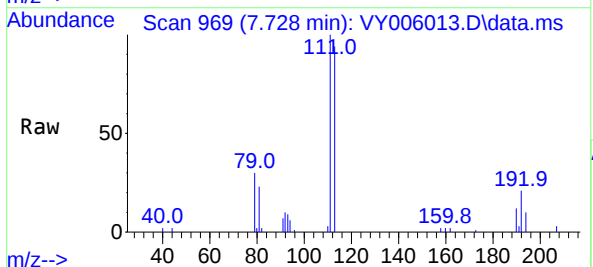
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ClientSampleId :
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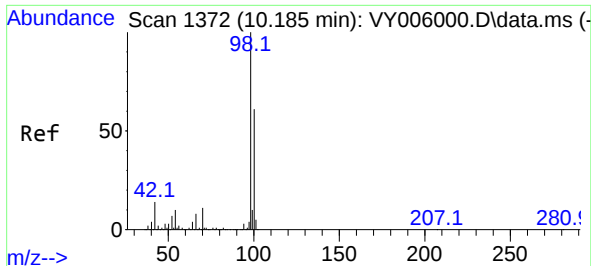
Tgt Ion:	114	Resp:	33286
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.2
88	15.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 53.239 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006013.D
Acq: 14 Sep 2021 17:17

Tgt Ion:	113	Resp:	11007
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.6	124.0
192	22.3	17.6	26.4

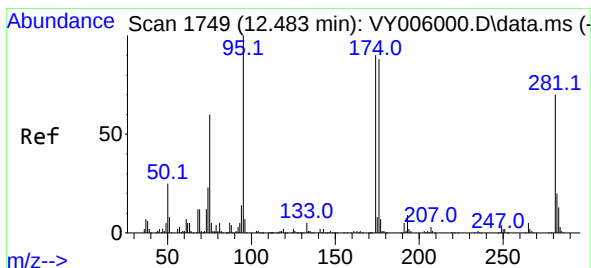
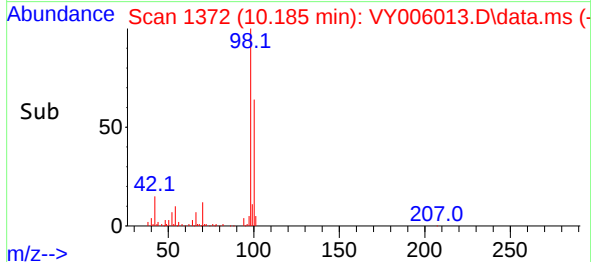
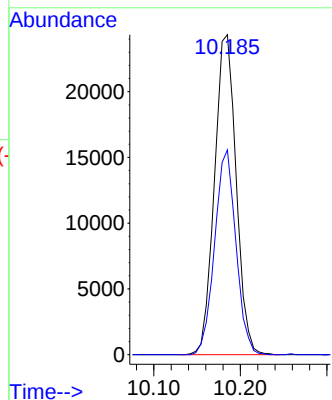
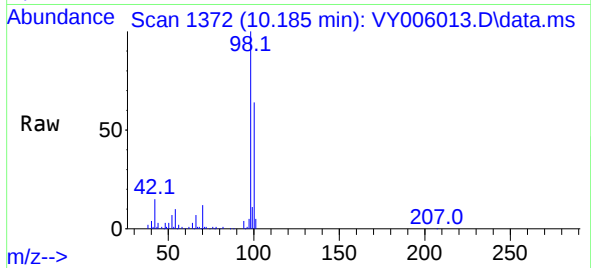




#50
Toluene-d8
Concen: 48.032 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006013.D
Acq: 14 Sep 2021 17:17

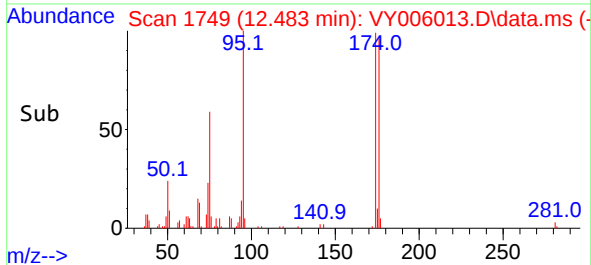
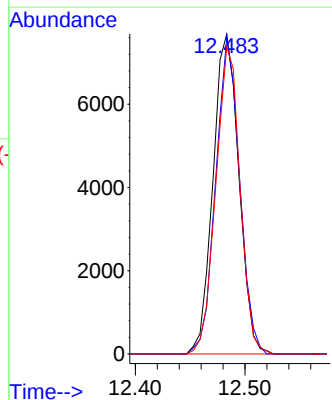
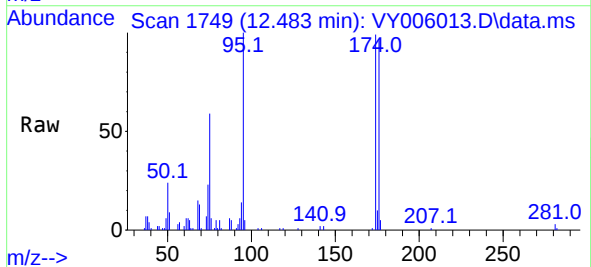
Instrument :
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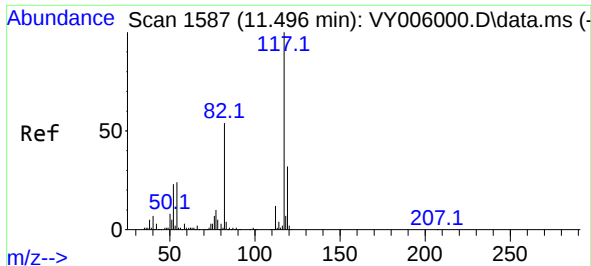
Tgt Ion: 98 Resp: 42324
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.047 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006013.D
Acq: 14 Sep 2021 17:17

Tgt Ion: 95 Resp: 12579
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.0
176 89.9 0.0 175.8

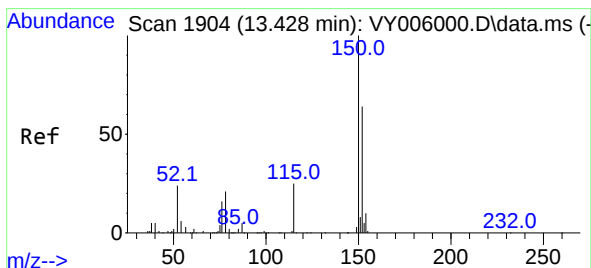
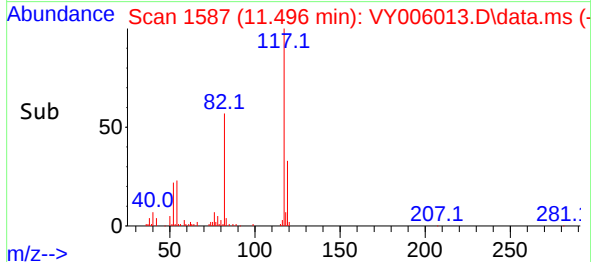
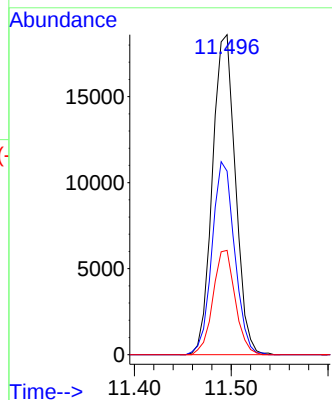
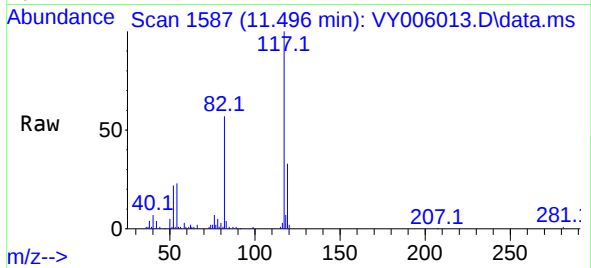




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006013.D
Acq: 14 Sep 2021 17:17

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-091421

Tgt Ion:	117	Resp:	30650
Ion	Ratio	Lower	Upper
117	100		
82	57.4	43.0	64.4
119	32.6	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: VY006013.D
Acq: 14 Sep 2021 17:17

Tgt Ion:	152	Resp:	13348
Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.2	84.7
150	156.2	0.0	347.6

