

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008507.D
 Acq On : 26 Apr 2022 16:27
 Operator : KP/MD
 Sample : N2559-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-10D

Quant Time: Apr 27 01:23:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	2180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	4074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	3833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1298	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1741	67.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.740%
35) Dibromofluoromethane	7.710	113	1183	44.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.980%
50) Toluene-d8	10.179	98	4614	44.293	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.580%
62) 4-Bromofluorobenzene	12.483	95	1304	36.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.660%

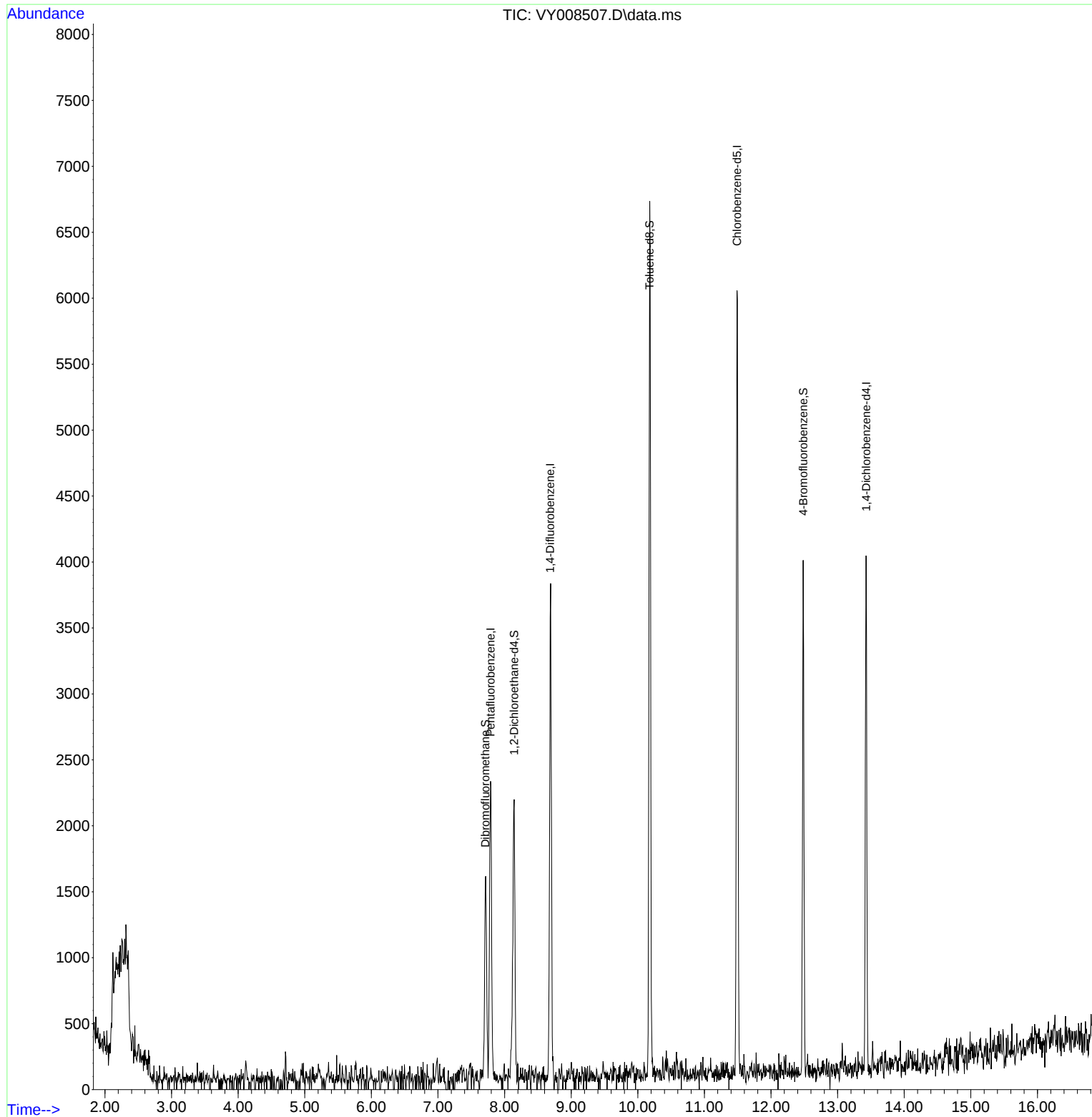
Target Compounds	Qvalue

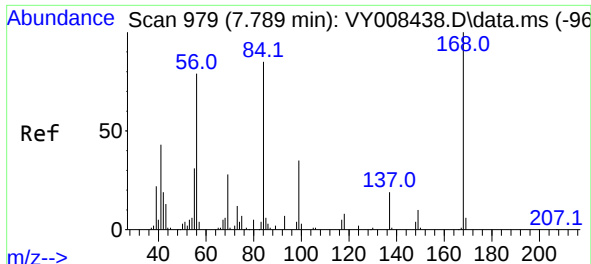
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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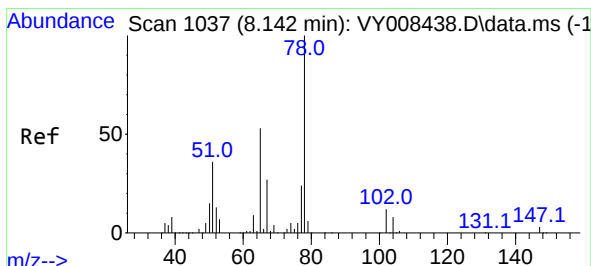
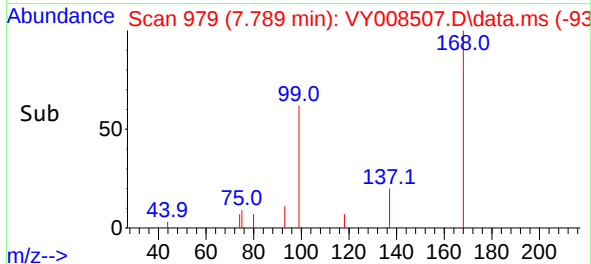
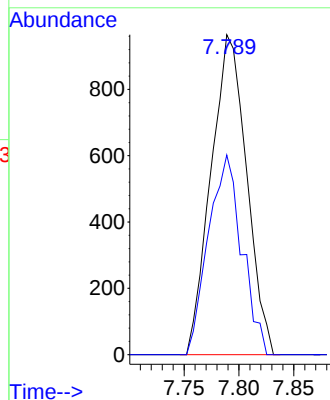
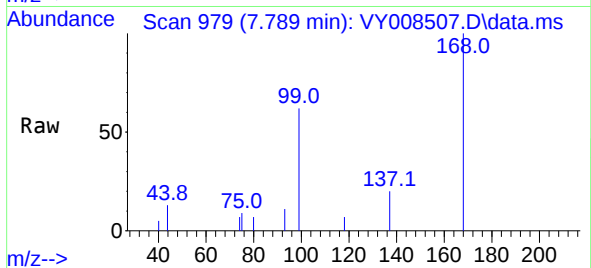




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008507.D
Acq: 26 Apr 2022 16:27

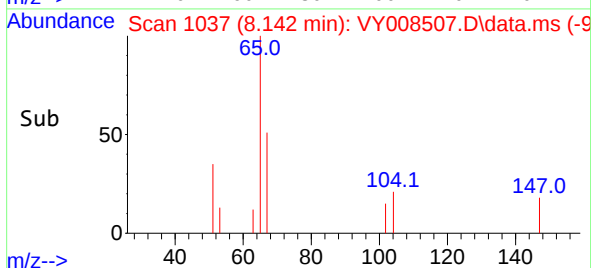
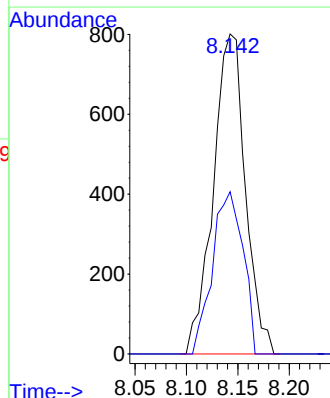
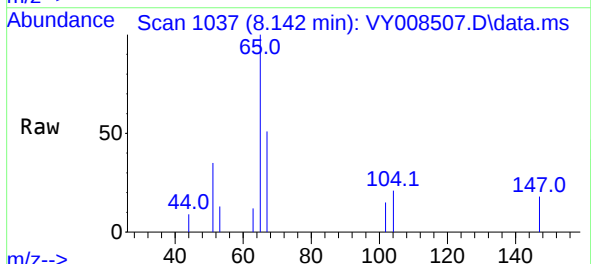
Instrument :
MSVOA_Y
ClientSampleId :
MH-10D

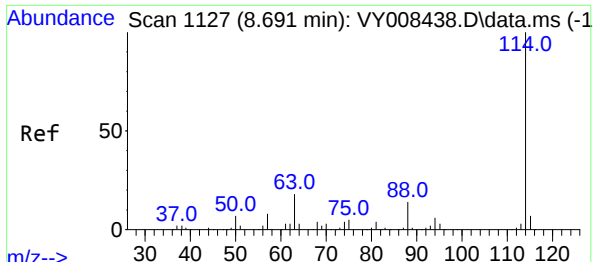
Tgt Ion:168 Resp: 2180
Ion Ratio Lower Upper
168 100
99 62.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.874 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008507.D
Acq: 26 Apr 2022 16:27

Tgt Ion: 65 Resp: 1741
Ion Ratio Lower Upper
65 100
67 48.2 0.0 99.4

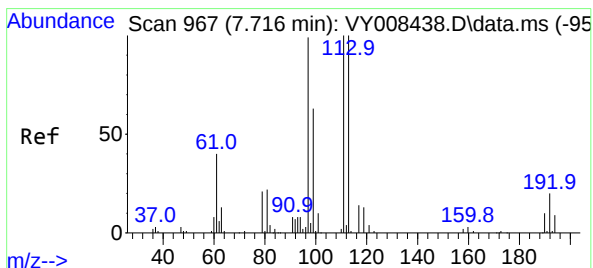
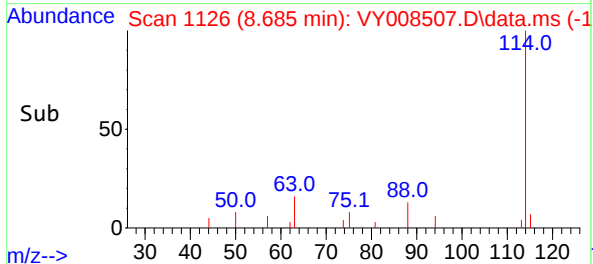
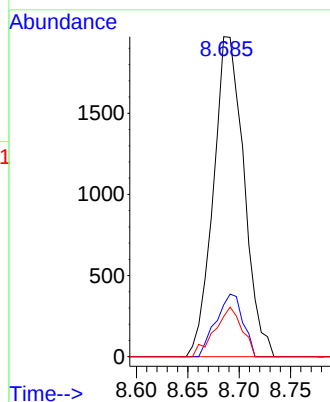
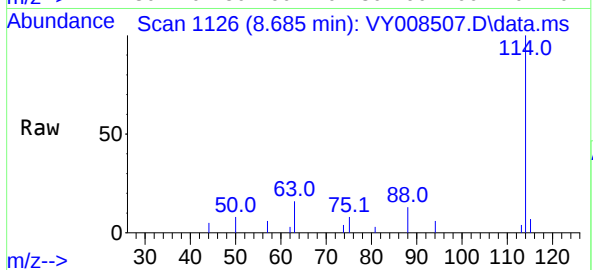




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY008507.D
Acq: 26 Apr 2022 16:27

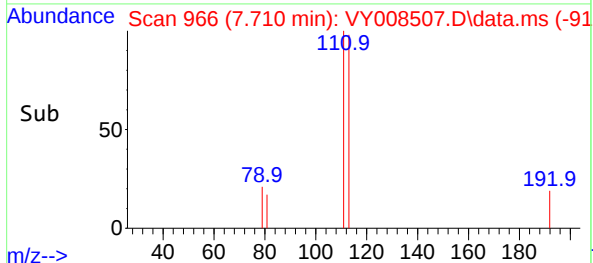
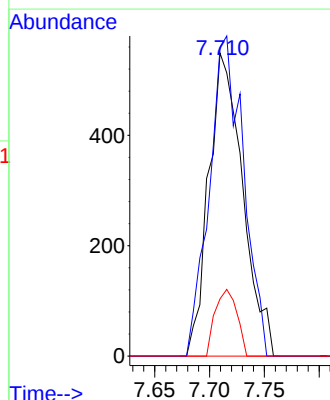
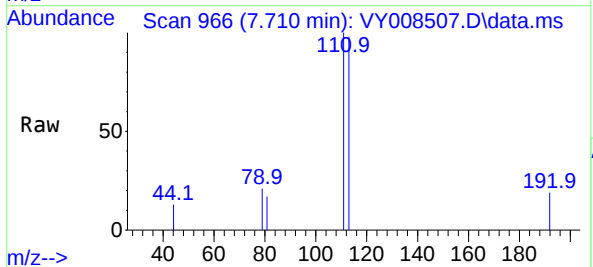
Instrument :
MSVOA_Y
ClientSampleId :
MH-10D

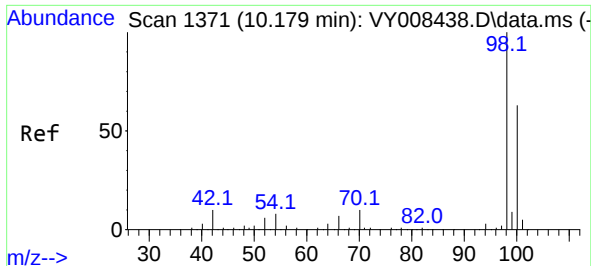
Tgt Ion:114	Resp:	4074
Ion	Ratio	Lower Upper
114	100	
63	16.2	0.0 43.2
88	12.6	0.0 31.8



#35
Dibromofluoromethane
Concen: 44.993 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY008507.D
Acq: 26 Apr 2022 16:27

Tgt Ion:113	Resp:	1183
Ion	Ratio	Lower Upper
113	100	
111	105.9	82.6 124.0
192	14.1	17.6 26.4

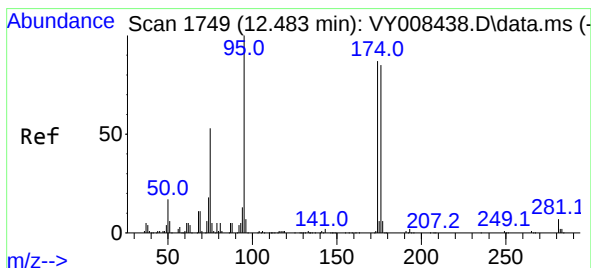
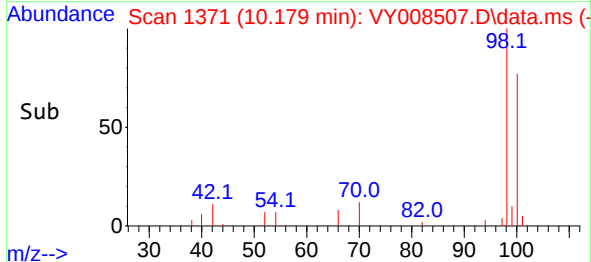
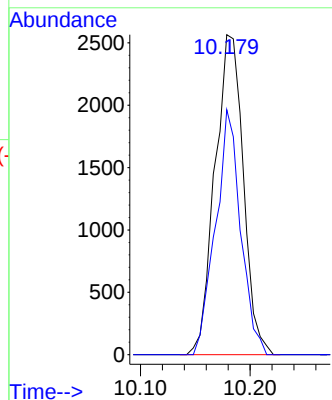
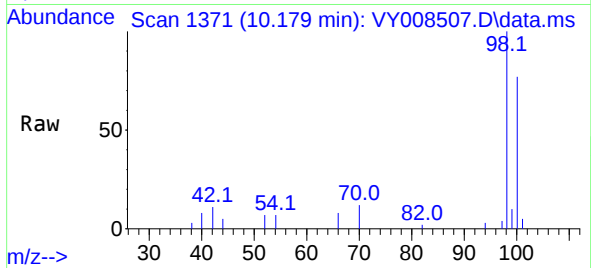




#50
Toluene-d8
Concen: 44.293 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008507.D
Acq: 26 Apr 2022 16:27

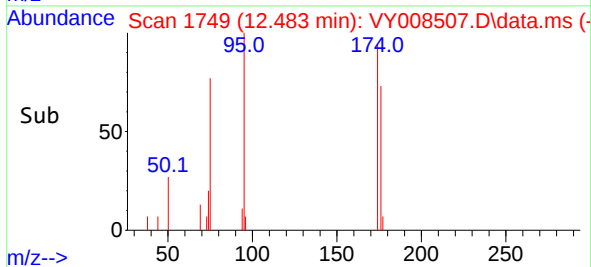
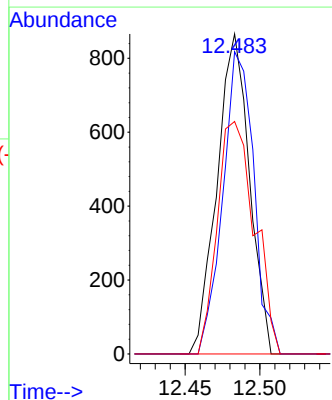
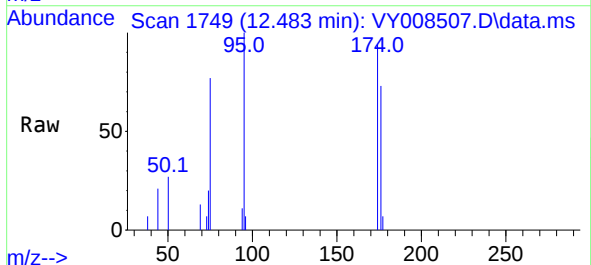
Instrument :
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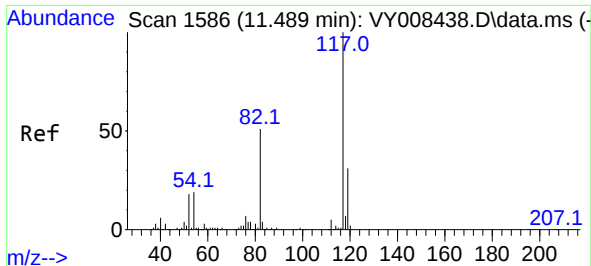
Tgt Ion: 98 Resp: 4614
Ion Ratio Lower Upper
98 100
100 67.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.831 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008507.D
Acq: 26 Apr 2022 16:27

Tgt Ion: 95 Resp: 1304
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 83.8 0.0 175.8

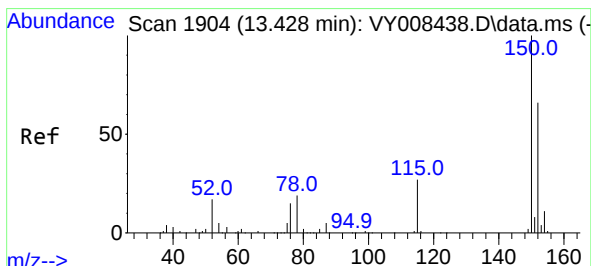
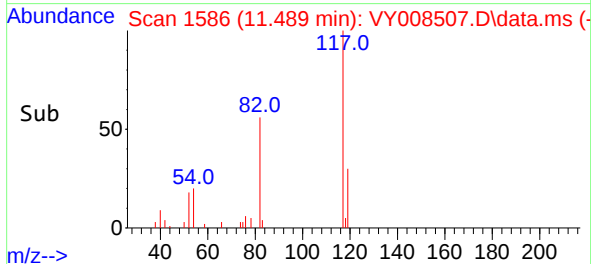
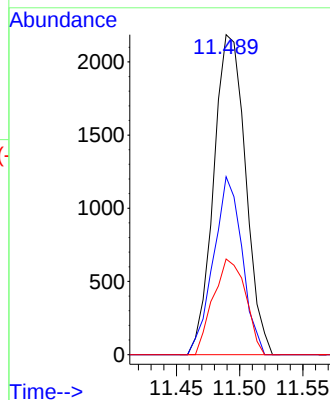
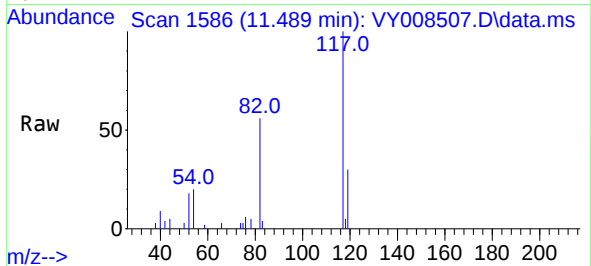




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008507.D
Acq: 26 Apr 2022 16:27

Instrument :
MSVOA_Y
ClientSampleId :
MH-10D

Tgt Ion:117	Resp:	3833
Ion	Ratio	Lower Upper
117	100	
82	55.6	43.0 64.4
119	29.9	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: VY008507.D
Acq: 26 Apr 2022 16:27

Tgt Ion:152	Resp:	1298
Ion	Ratio	Lower Upper
152	100	
115	53.0	28.2 84.7
150	150.6	0.0 347.6

