

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092221\
 Data File : VY006103.D
 Acq On : 22 Sep 2021 14:06
 Operator : SY/MD
 Sample : VY0922SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0922SBL01

Quant Time: Sep 22 18:13:58 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	139187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	214852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	185789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81781	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80309	41.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.080%
35) Dibromofluoromethane	7.722	113	61834	46.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.680%
50) Toluene-d8	10.185	98	265281	46.642	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.280%
62) 4-Bromofluorobenzene	12.483	95	77723	40.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.500%

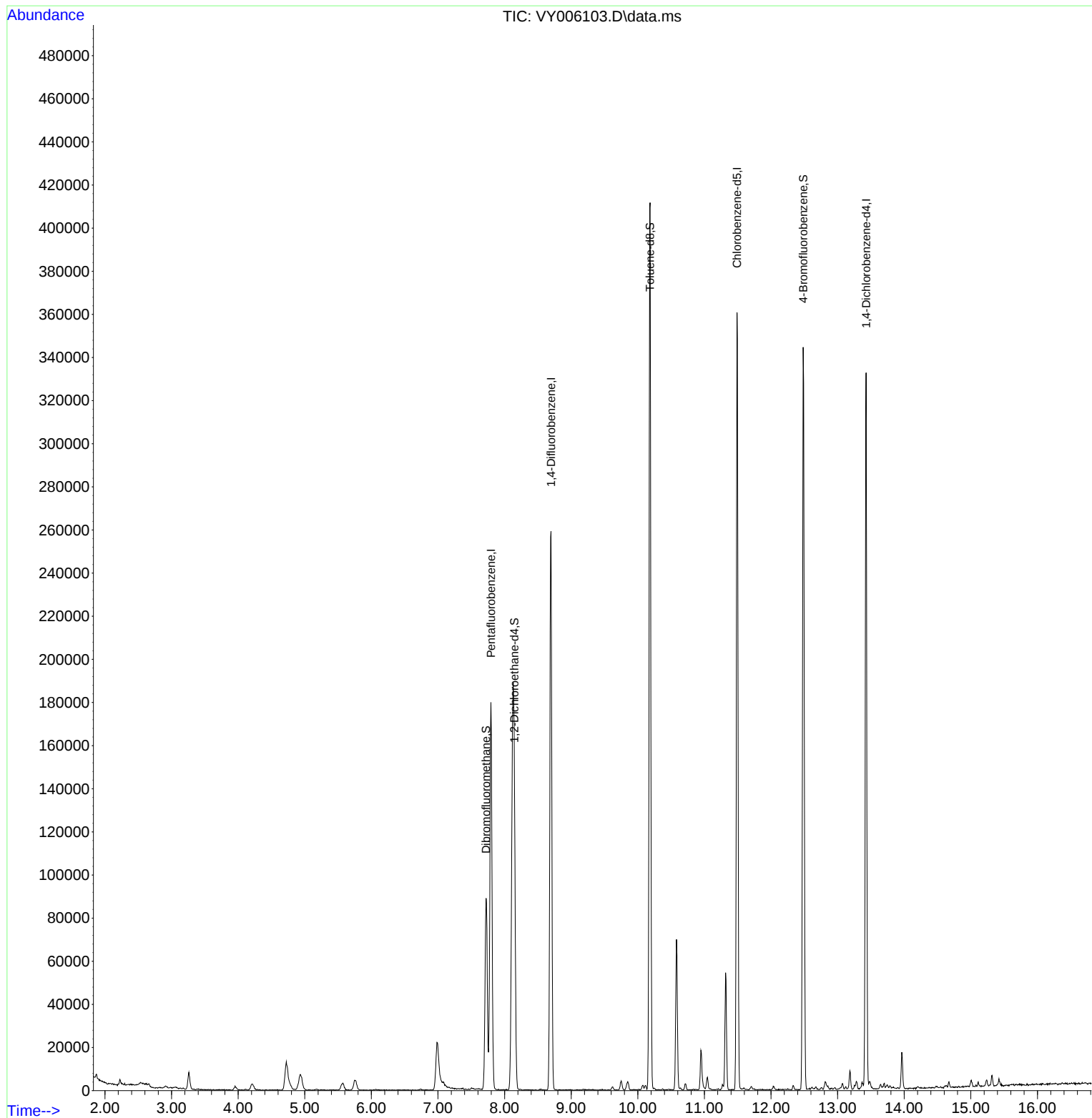
Target Compounds	Qvalue

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

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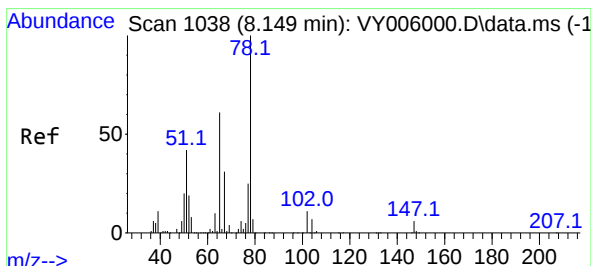
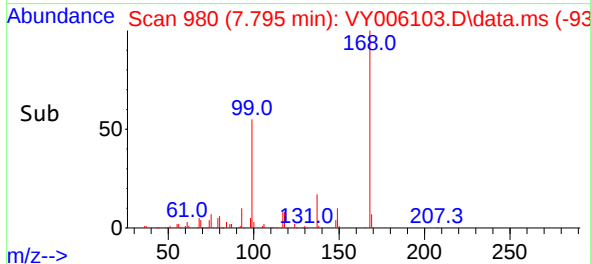
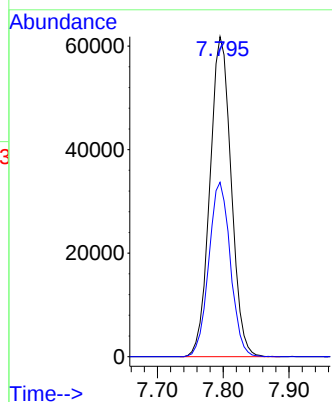
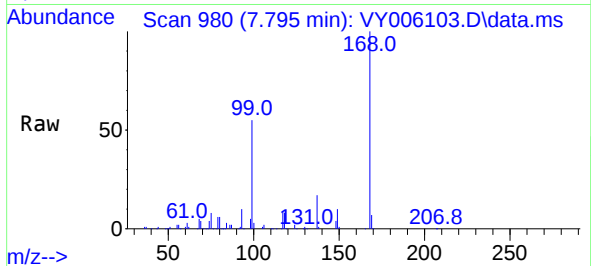




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

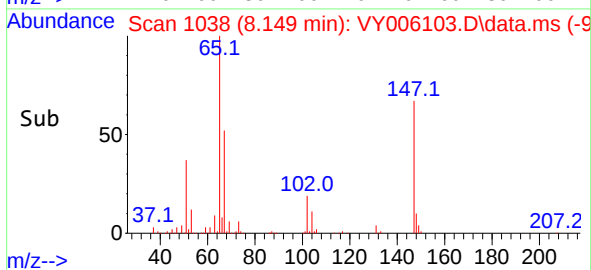
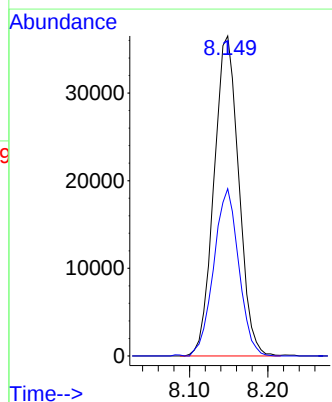
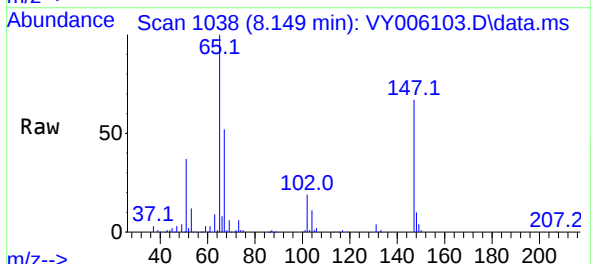
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

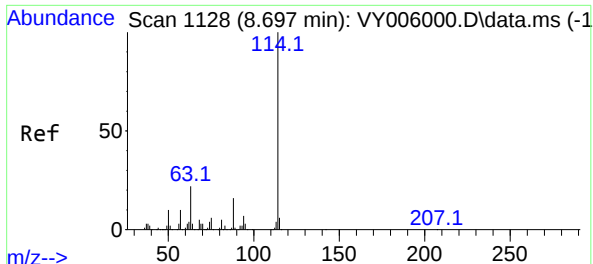
Tgt Ion:168 Resp: 139187
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 41.538 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

Tgt Ion: 65 Resp: 80309
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4



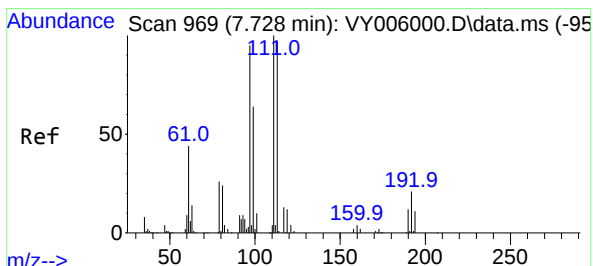
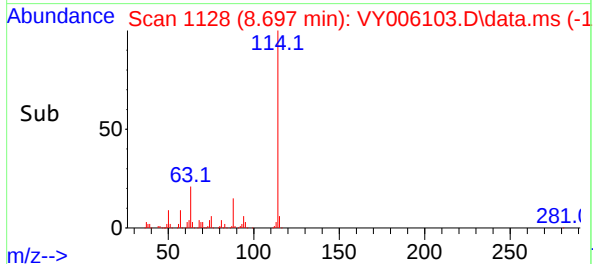
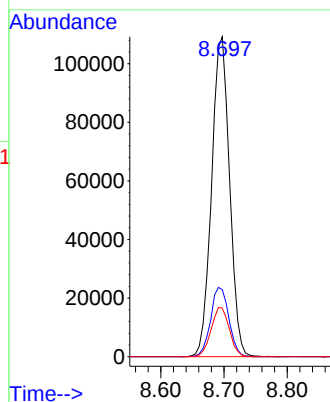
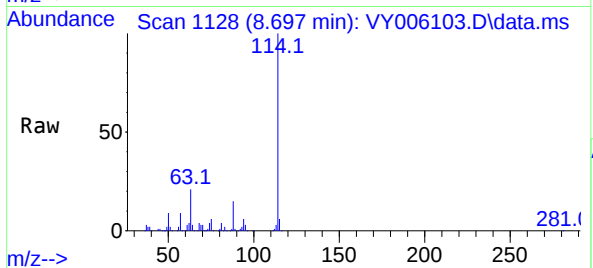


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

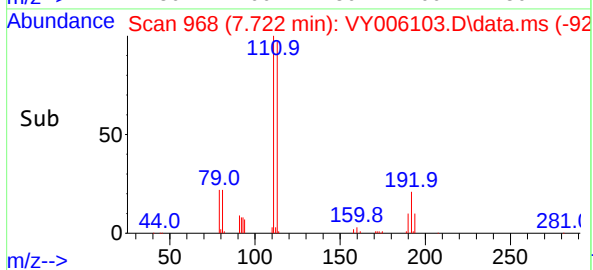
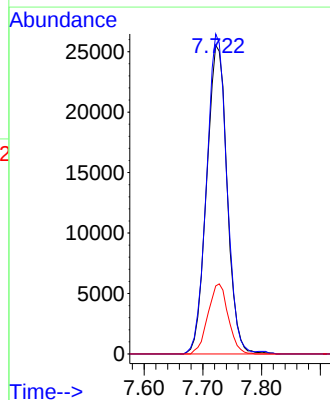
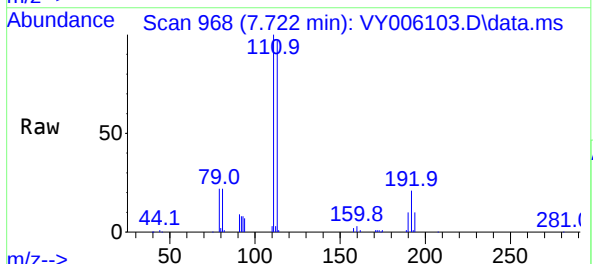
Tgt Ion:	114	Resp:	214852
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	15.2	0.0	31.8

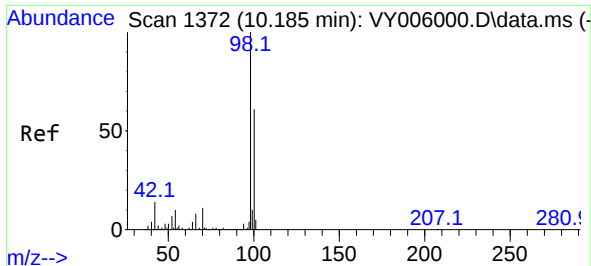


#35

Dibromofluoromethane
Concen: 46.336 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

Tgt Ion:	113	Resp:	61834
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	22.4	17.6	26.4

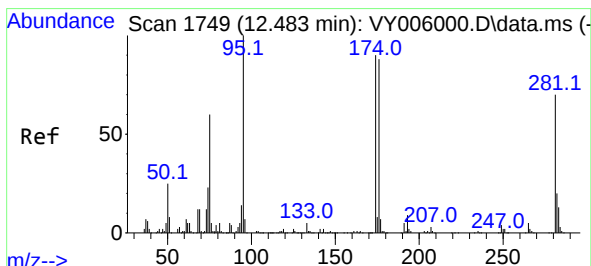
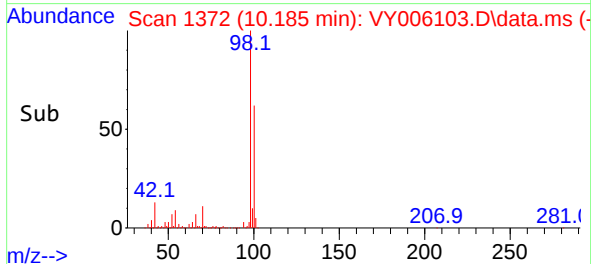
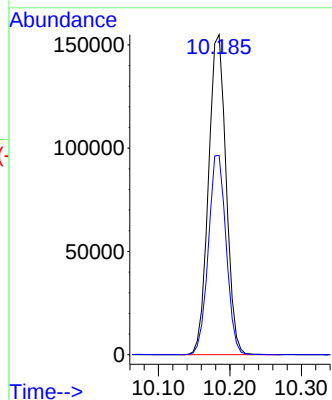
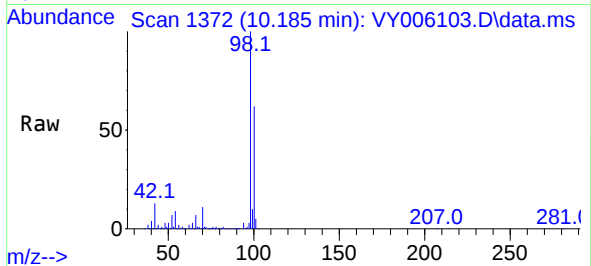




#50
Toluene-d8
Concen: 46.642 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

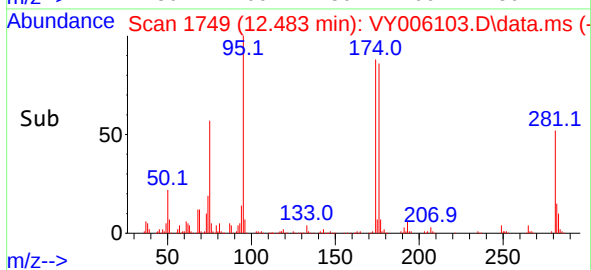
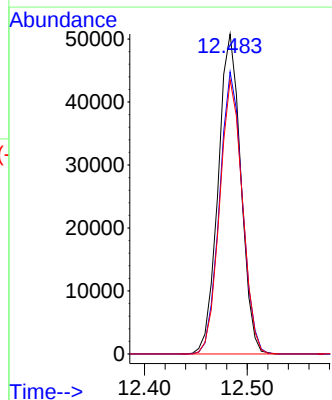
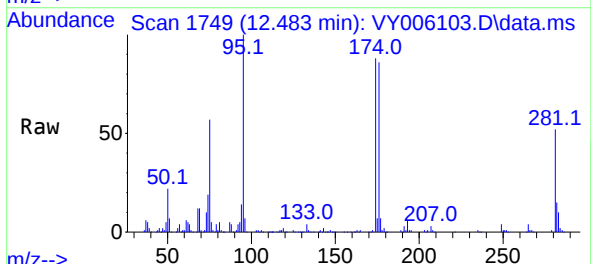
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

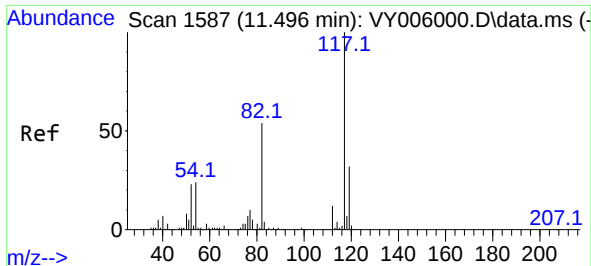
Tgt Ion: 98 Resp: 265281
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.249 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

Tgt Ion: 95 Resp: 77723
Ion Ratio Lower Upper
95 100
174 88.2 0.0 177.0
176 85.8 0.0 175.8

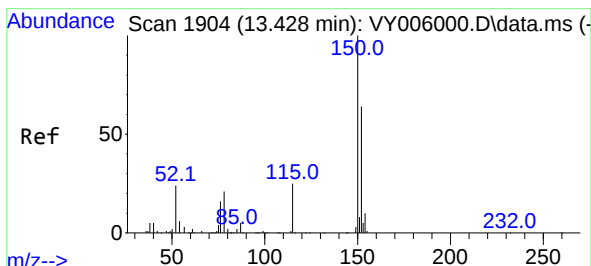
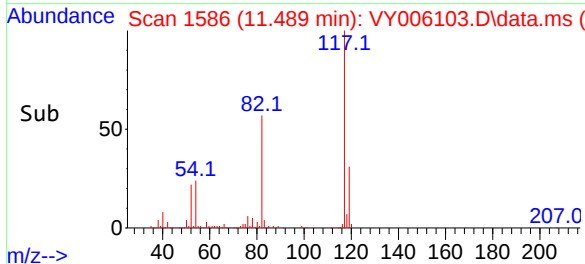
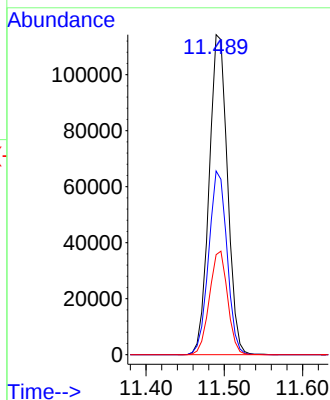
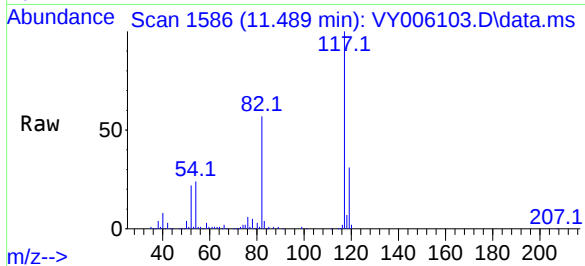




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006103.D
Acq: 22 Sep 2021 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

Tgt Ion:	117	Resp:	185789
Ion	Ratio	Lower	Upper
117	100		
82	57.4	43.0	64.4
119	31.3	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: VY006103.D
Acq: 22 Sep 2021 14:06

Tgt Ion:	152	Resp:	81781
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.2	84.7
150	155.2	0.0	347.6

