

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006038.D
 Acq On : 16 Sep 2021 11:19
 Operator : SY/MD
 Sample : VY0916SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0916SBL01

Quant Time: Sep 17 02:43:19 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	109169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	206913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	221926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108815	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83003	54.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.480%
35) Dibromofluoromethane	7.722	113	62733	48.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.620%
50) Toluene-d8	10.185	98	272176	49.690	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.483	95	99808	53.669	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.340%

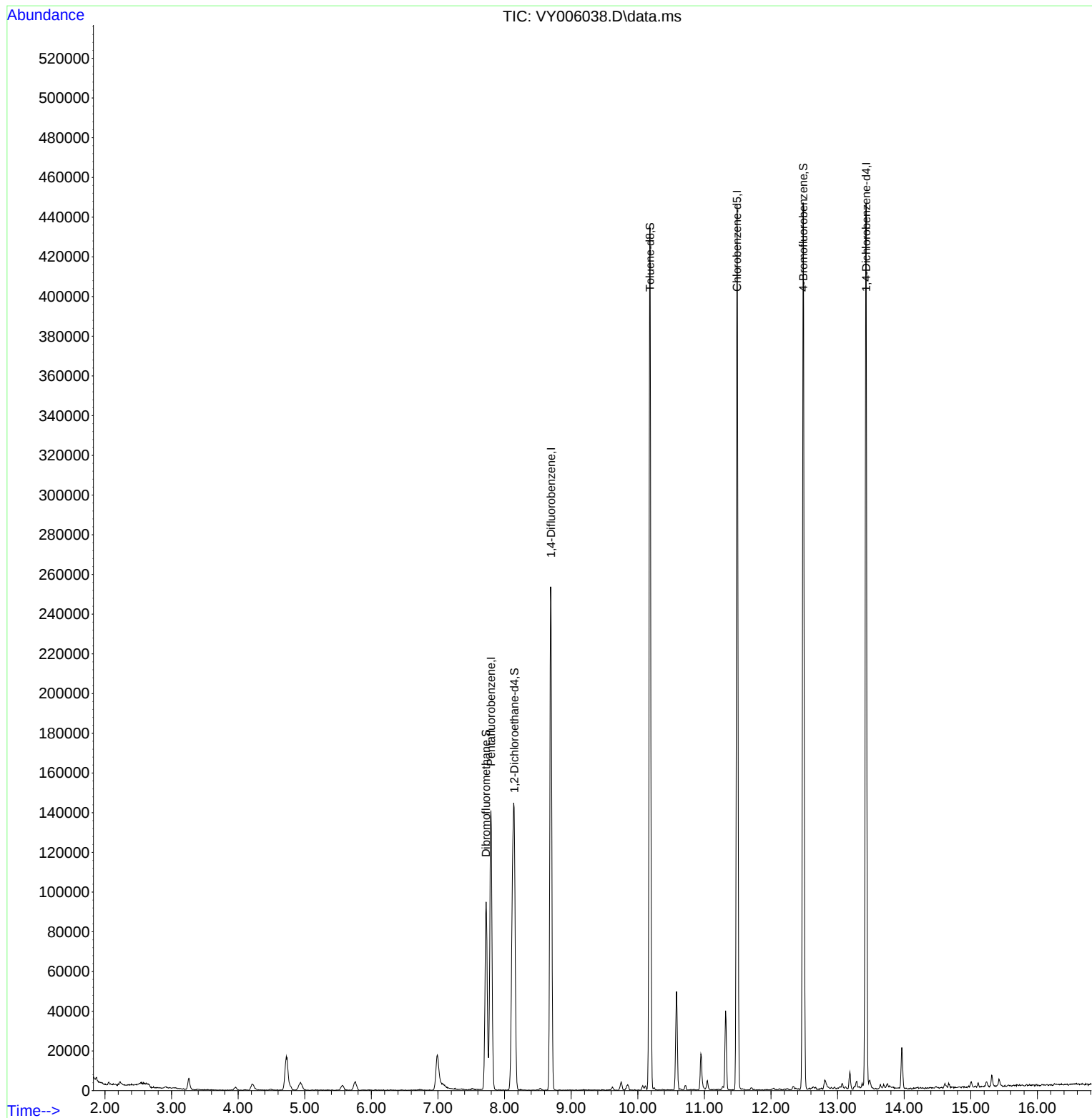
Target Compounds	Qvalue

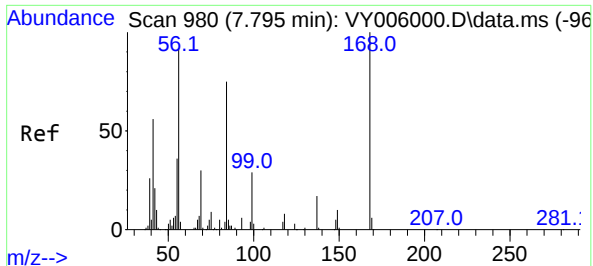
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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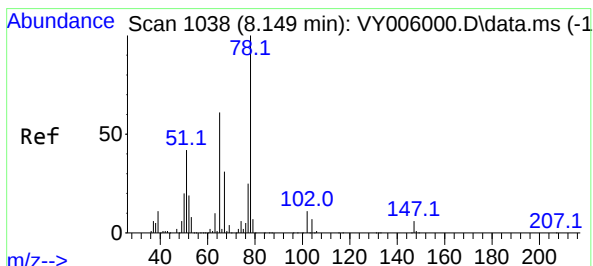
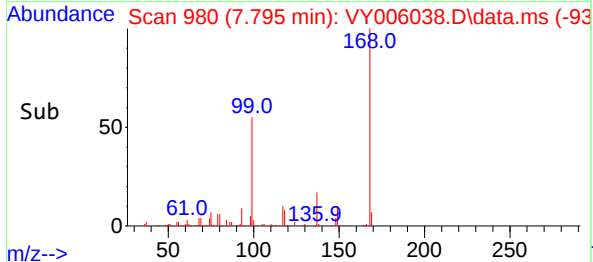
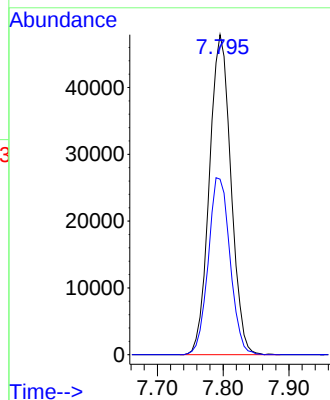
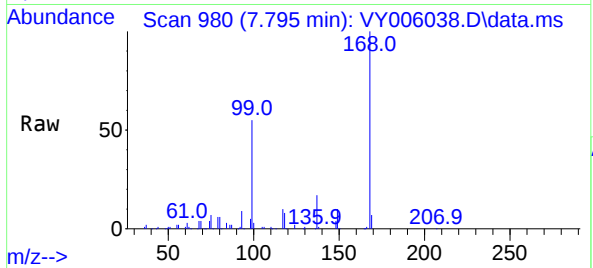




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

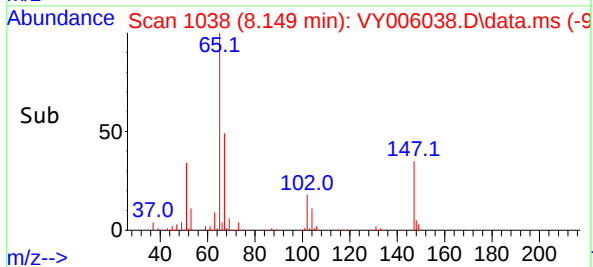
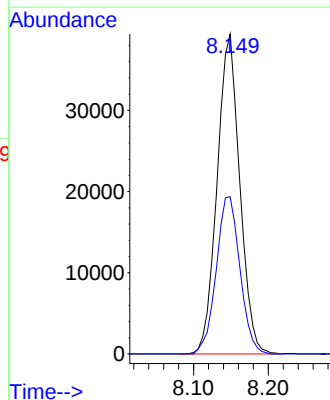
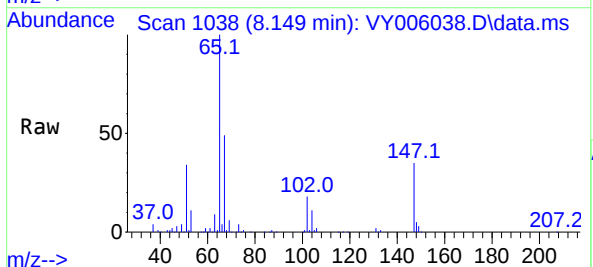
Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL01

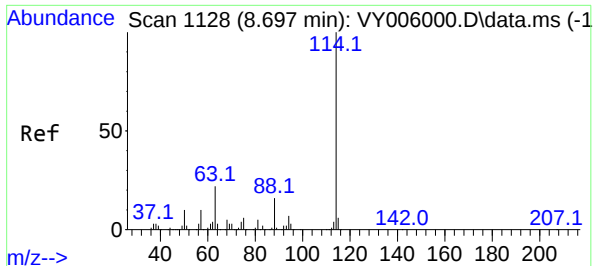
Tgt Ion:168 Resp: 109169
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.736 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

Tgt Ion: 65 Resp: 83003
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.4

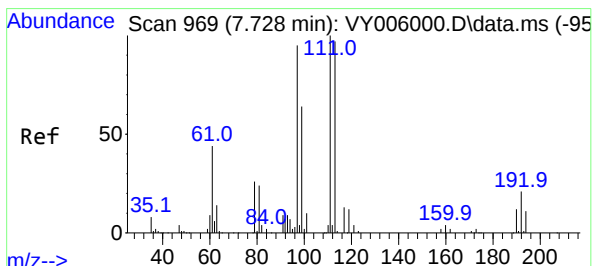
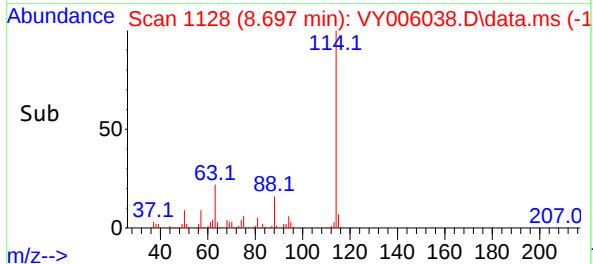
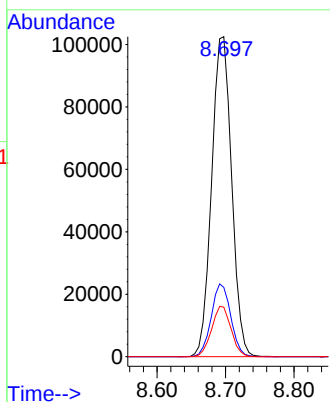
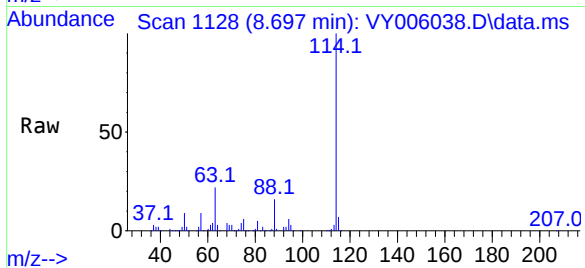




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

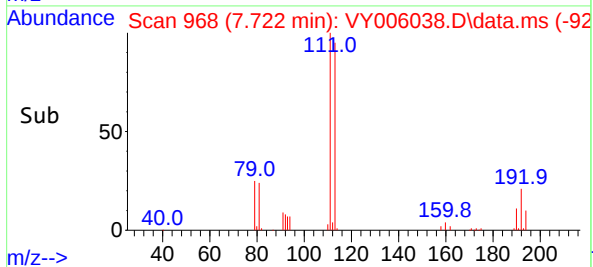
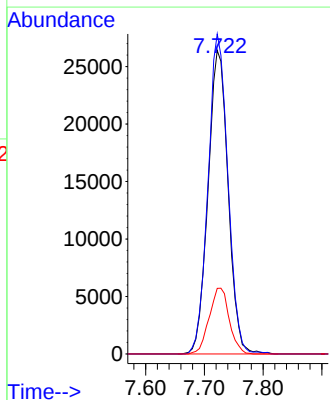
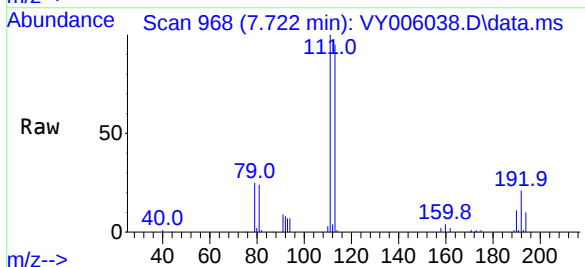
Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL01

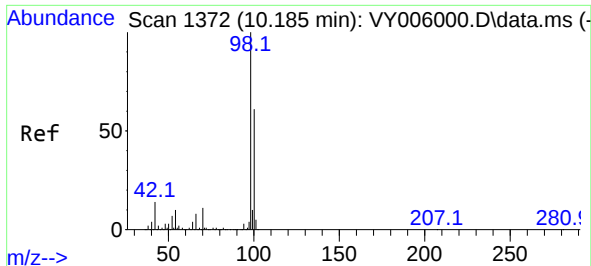
Tgt Ion:	114	Resp:	206913
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	15.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 48.813 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

Tgt Ion:	113	Resp:	62733
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	124.0
192	21.7	17.6	26.4

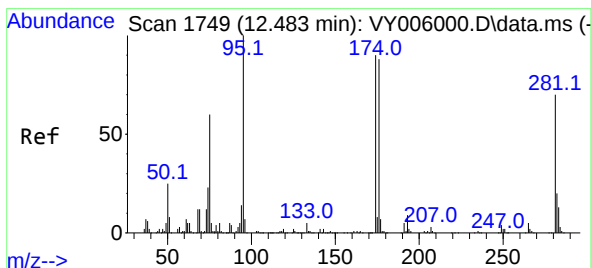
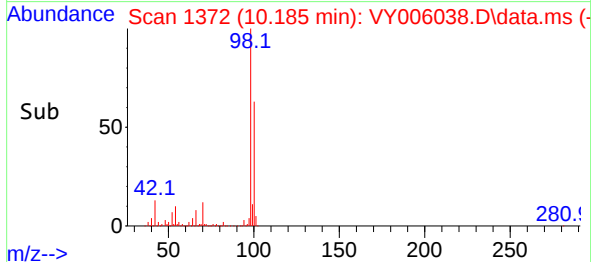
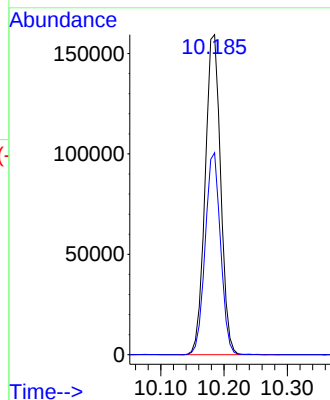
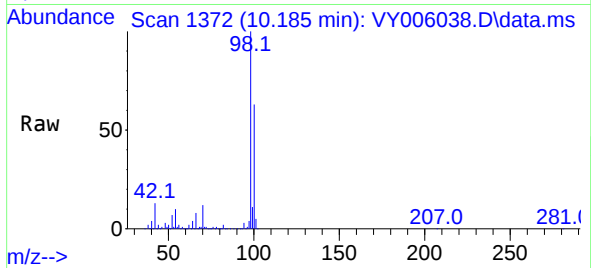




#50
Toluene-d8
Concen: 49.690 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

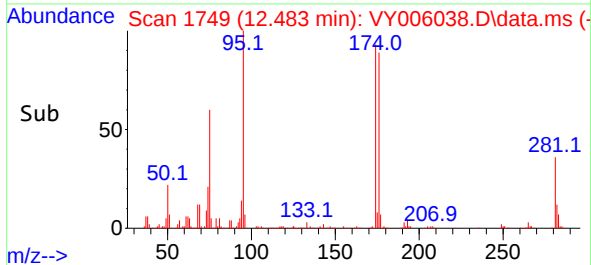
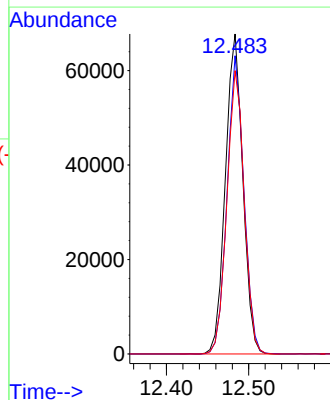
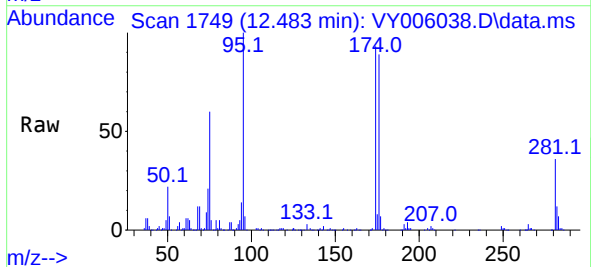
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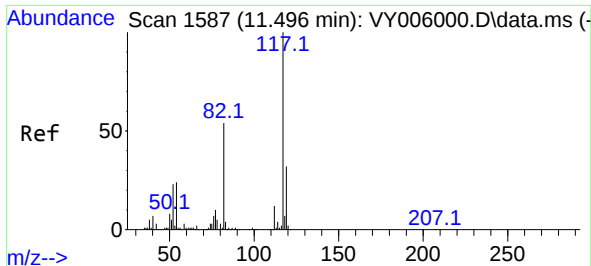
Tgt Ion: 98 Resp: 272176
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.669 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

Tgt Ion: 95 Resp: 99808
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 87.8 0.0 175.8

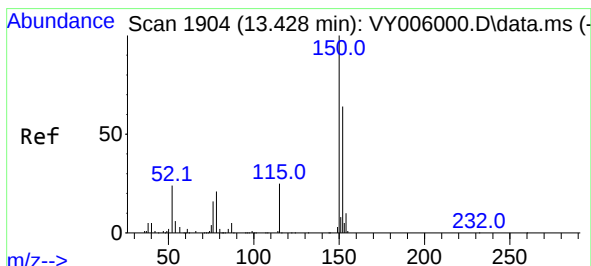
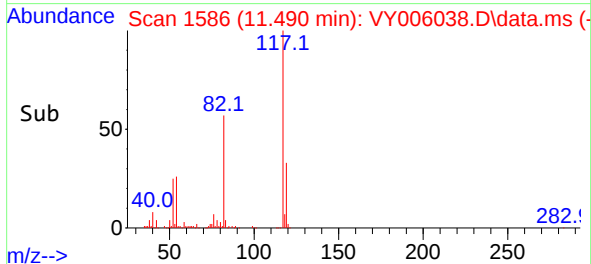
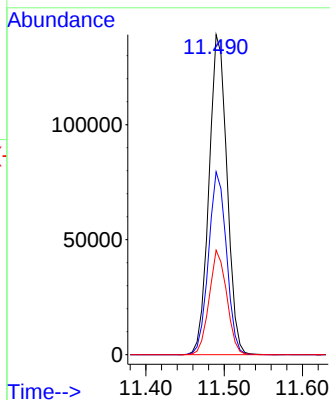
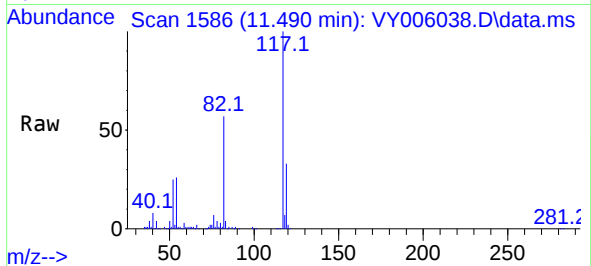




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006038.D
Acq: 16 Sep 2021 11:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL01

Tgt Ion:	117	Resp:	221926
Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.0	64.4
119	32.7	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: VY006038.D
Acq: 16 Sep 2021 11:19

Tgt Ion:	152	Resp:	108815
Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.2	84.7
150	159.3	0.0	347.6

