

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006267.D
 Acq On : 01 Oct 2021 17:39
 Operator : SY/MD
 Sample : M4039-01
 Misc : 5.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Oct 02 02:14:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	119104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	196212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88725	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86202	67.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.240%
35) Dibromofluoromethane	7.722	113	59002	56.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.560%
50) Toluene-d8	10.185	98	245204	55.890	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.780%
62) 4-Bromofluorobenzene	12.483	95	79581	53.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.800%

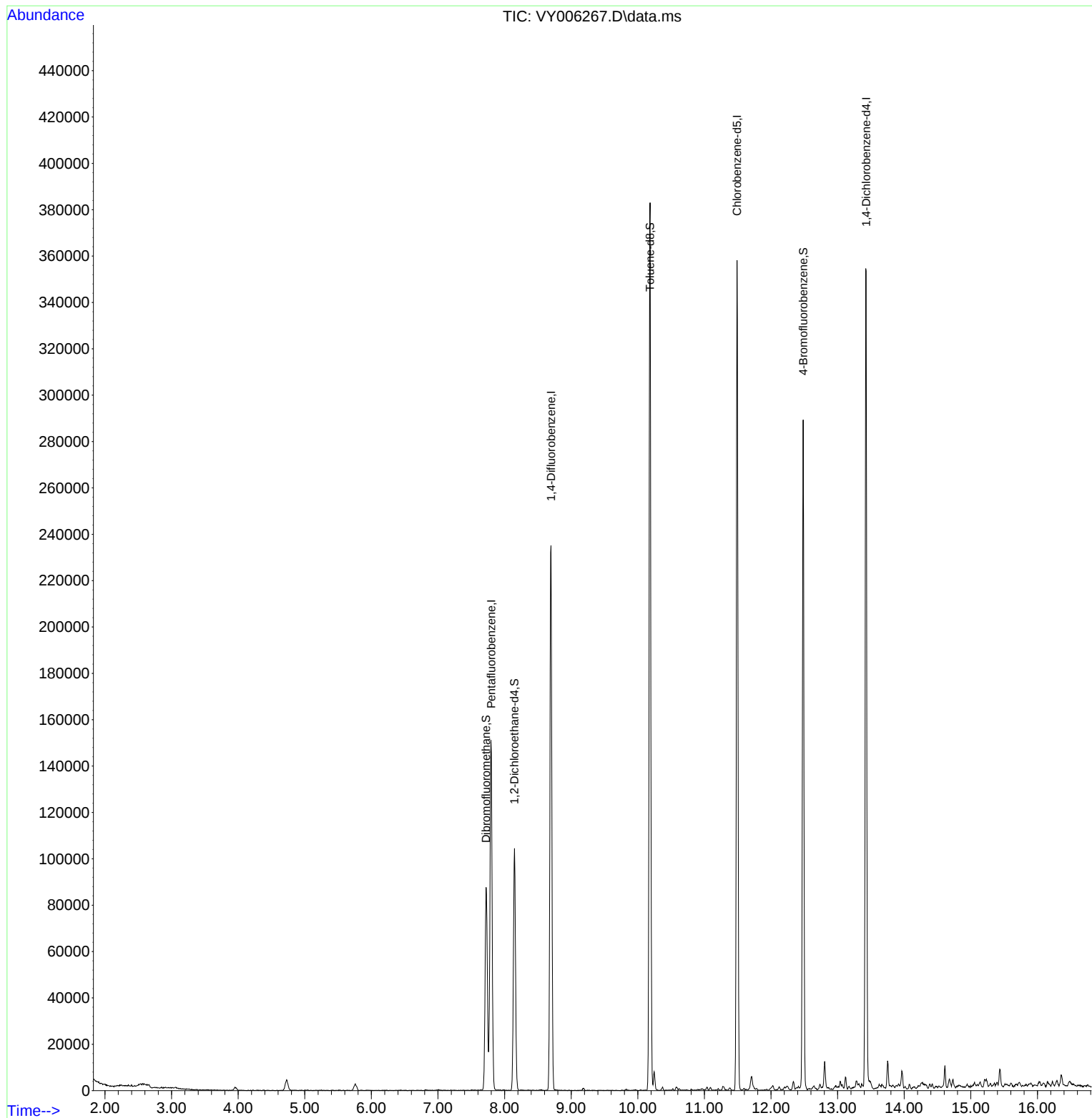
Target Compounds	Qvalue

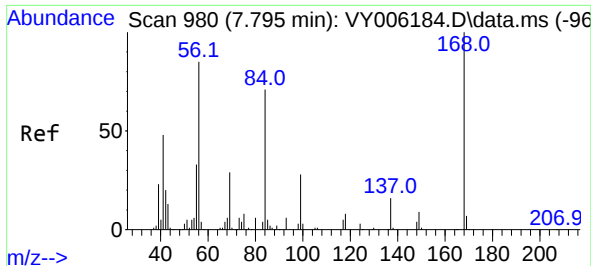
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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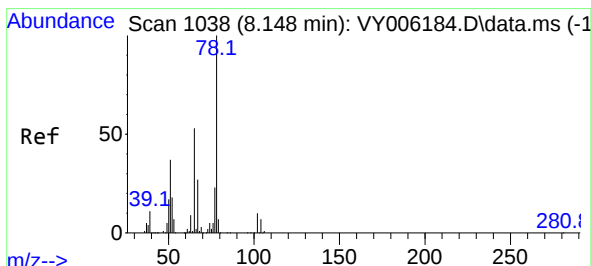
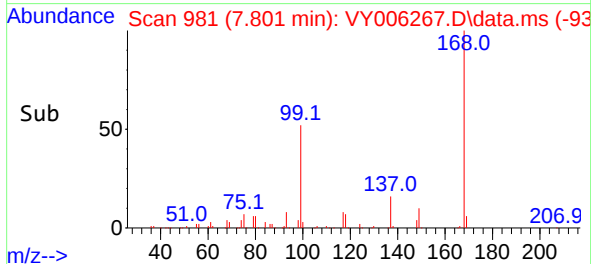
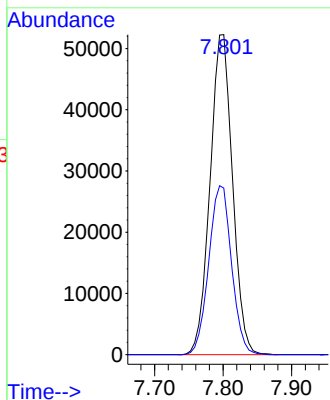
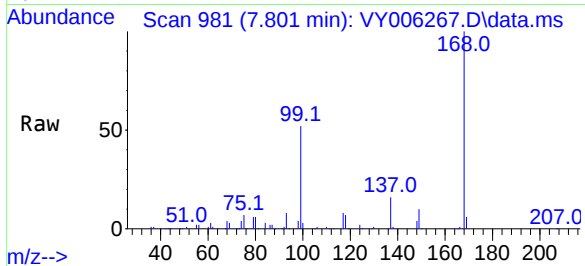




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

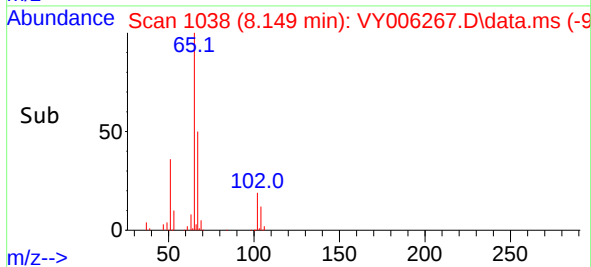
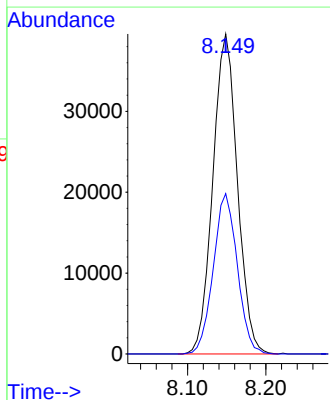
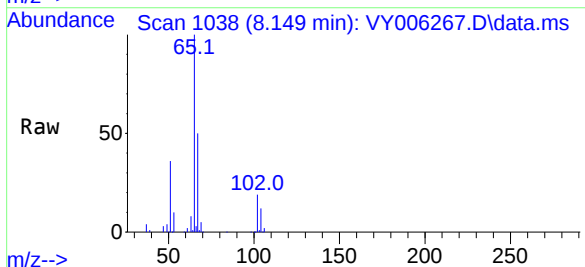
Instrument :
MSVOA_Y
ClientSampled :
TP-1

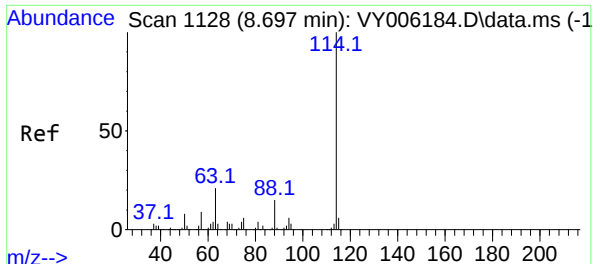
Tgt Ion:168 Resp: 119104
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.622 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

Tgt Ion: 65 Resp: 86202
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.4

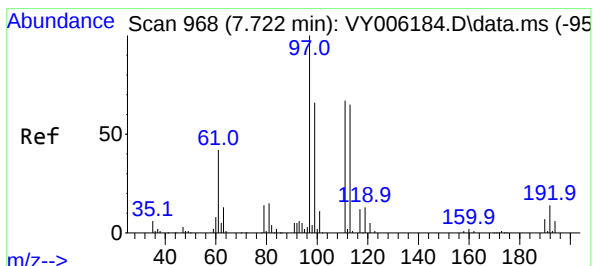
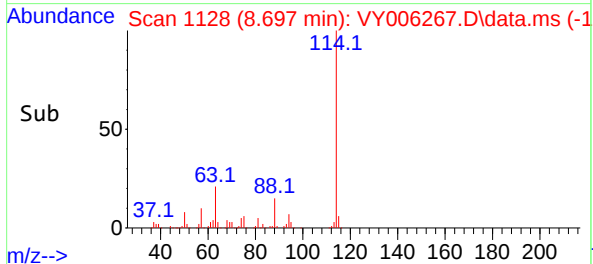
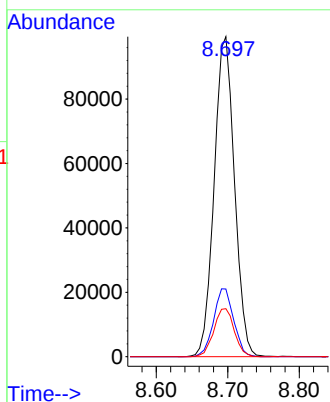
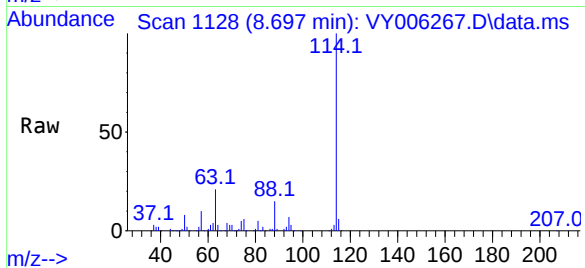




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

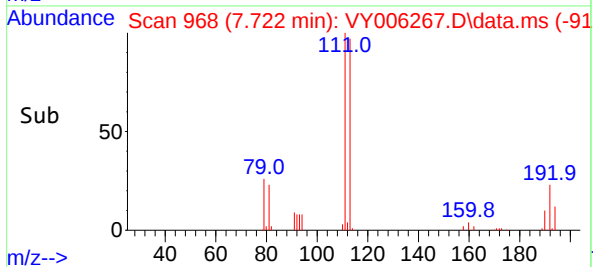
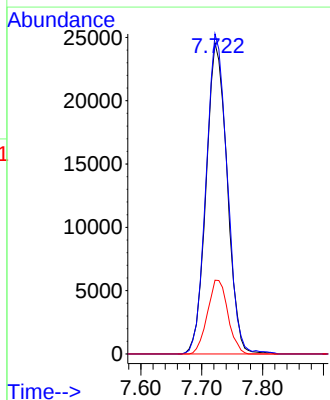
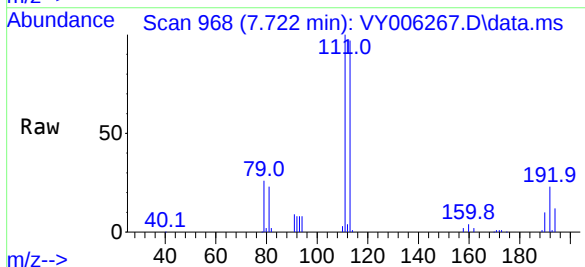
Instrument :
MSVOA_Y
ClientSampled :
TP-1

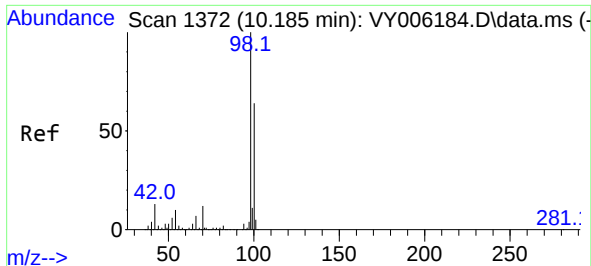
Tgt Ion:	114	Resp:	196212
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	43.2
88	15.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 56.284 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

Tgt Ion:	113	Resp:	59002
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.6	124.0
192	23.0	17.6	26.4

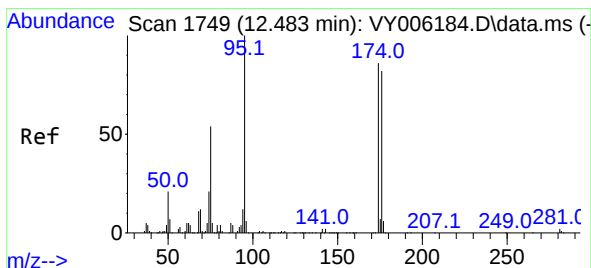
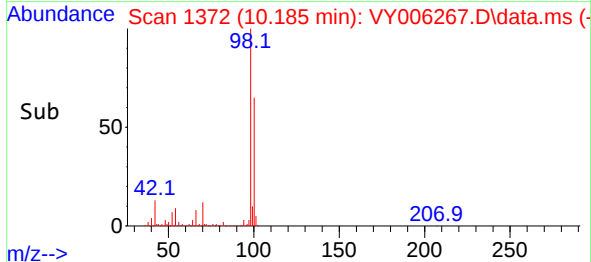
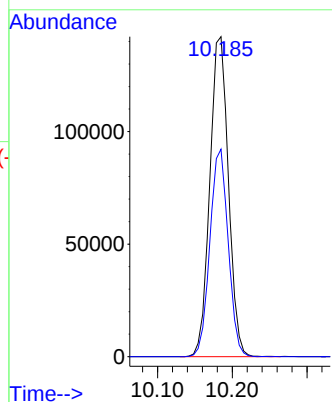
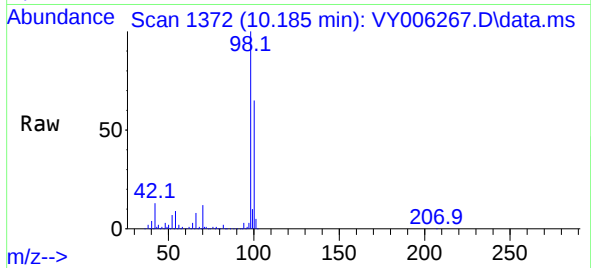




#50
Toluene-d8
Concen: 55.890 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

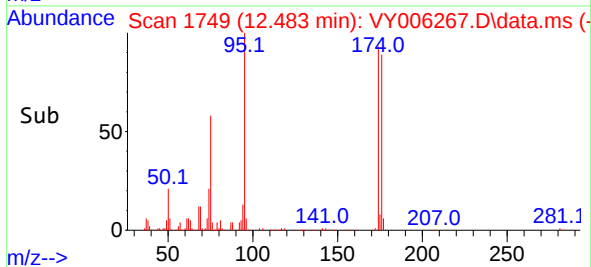
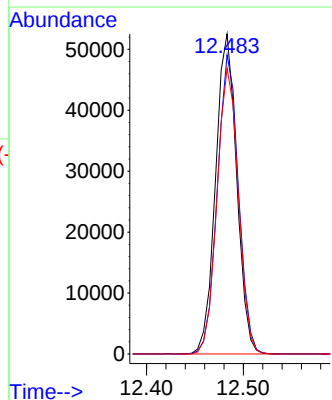
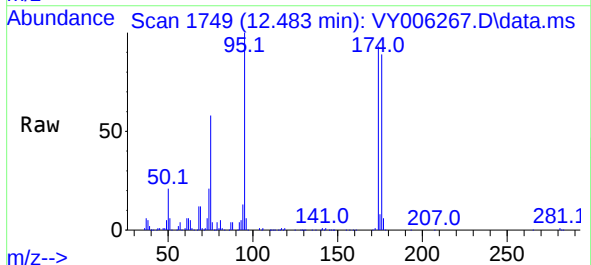
Instrument :
MSVOA_Y
ClientSampled :
TP-1

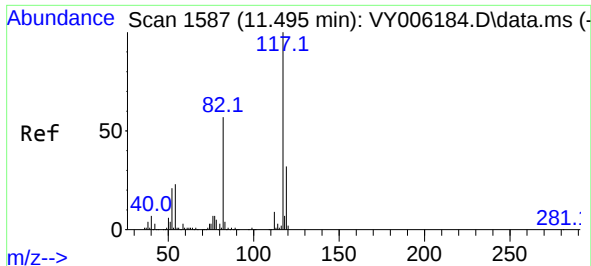
Tgt Ion: 98 Resp: 245204
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.395 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

Tgt Ion: 95 Resp: 79581
Ion Ratio Lower Upper
95 100
174 93.6 0.0 177.0
176 89.9 0.0 175.8

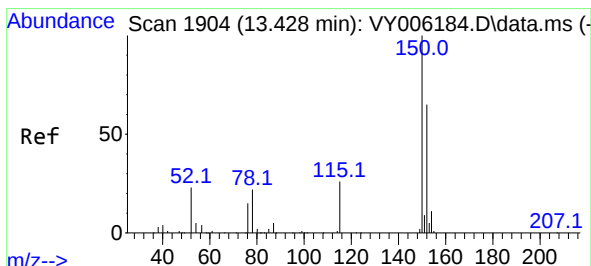
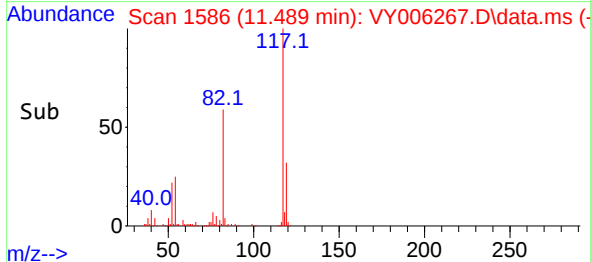
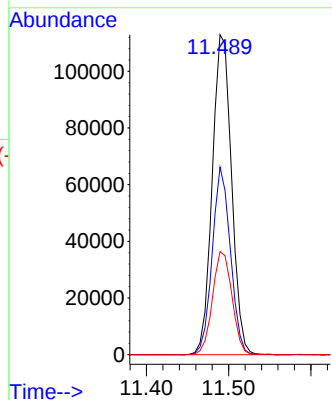
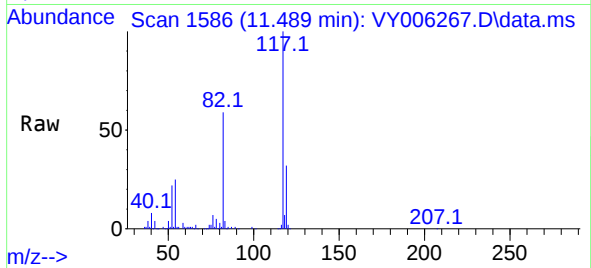




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006267.D
Acq: 01 Oct 2021 17:39

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:	117	Resp:	184127
Ion	Ratio	Lower	Upper
117	100		
82	58.6	43.0	64.4
119	32.2	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: VY006267.D
Acq: 01 Oct 2021 17:39

Tgt Ion:	152	Resp:	88725
Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.2	84.7
150	158.4	0.0	347.6

