

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006162.D
 Acq On : 27 Sep 2021 14:48
 Operator : SY/MD
 Sample : M3939-01
 Misc : 5.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-1

Quant Time: Sep 27 18:12:30 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	7.801	168	114796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	184167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	155724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56852	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77182	48.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.800%
35) Dibromofluoromethane	7.728	113	55670	48.667	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.340%
50) Toluene-d8	10.185	98	226959	46.553	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.100%
62) 4-Bromofluorobenzene	12.483	95	58449	35.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.620%

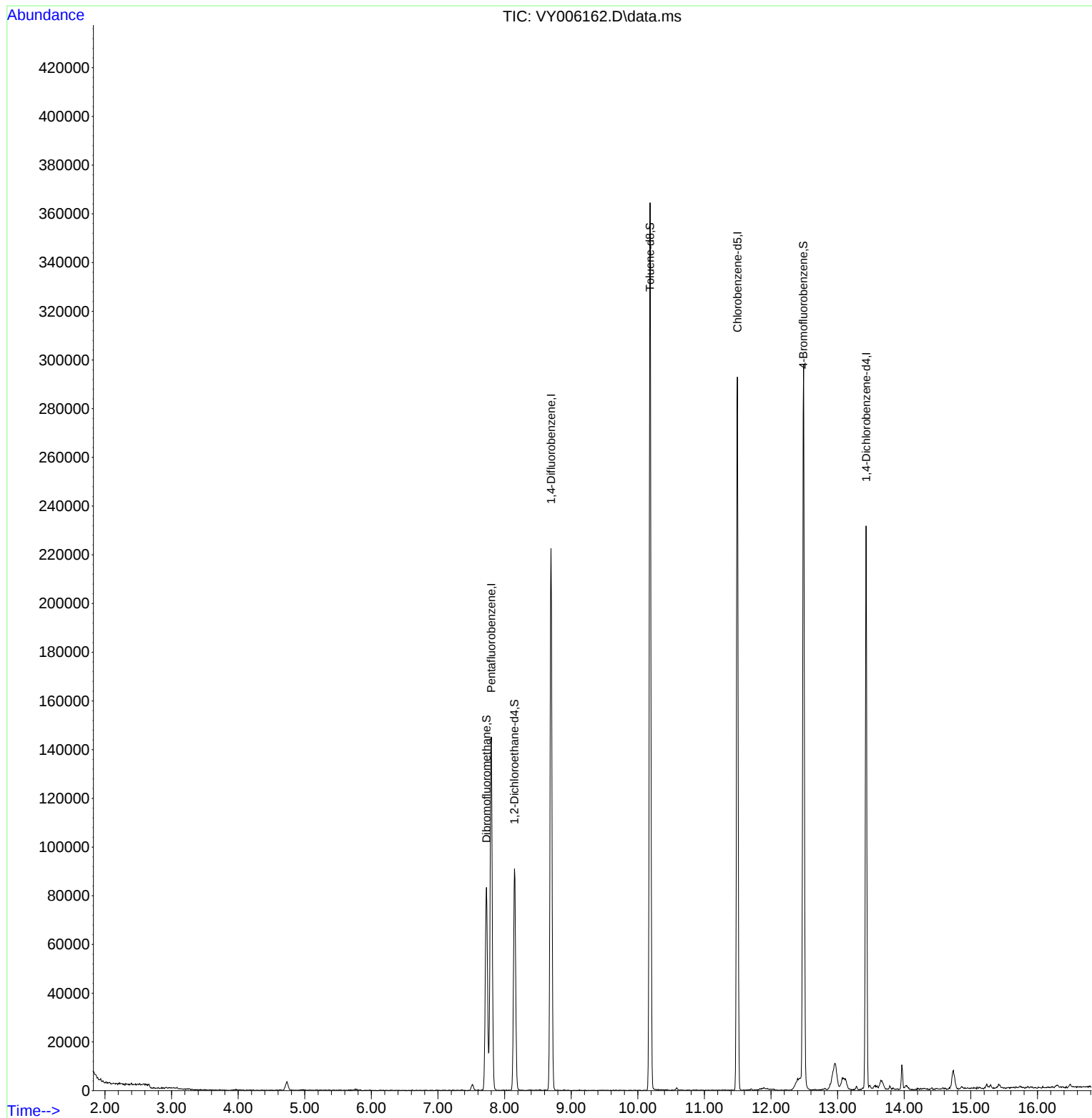
Target Compounds	Qvalue

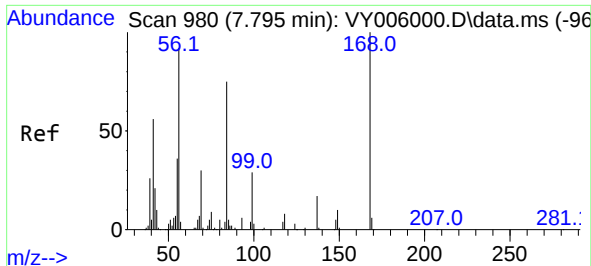
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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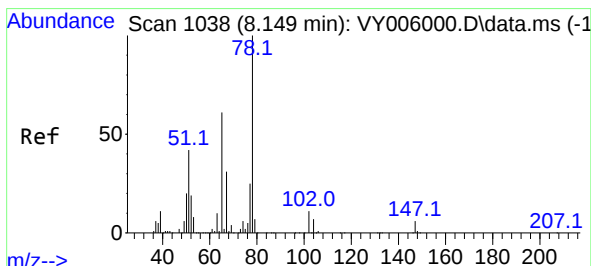
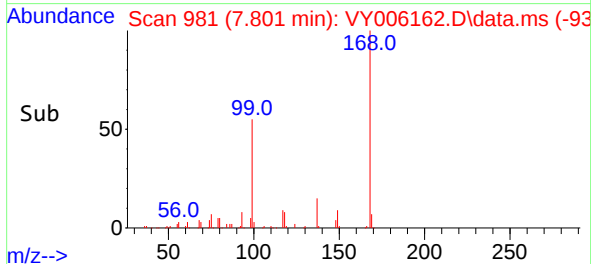
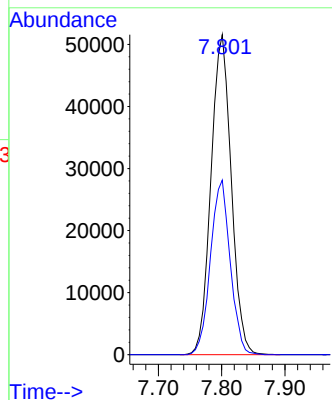
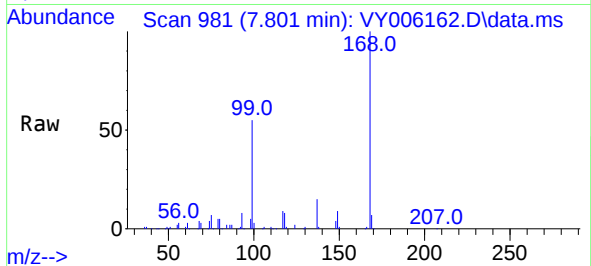




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

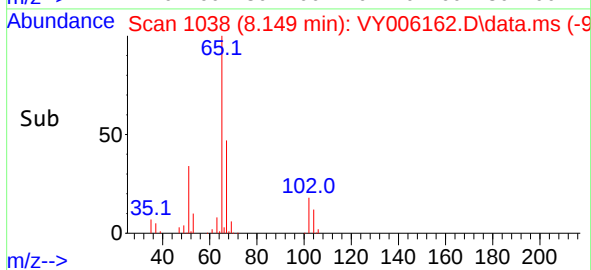
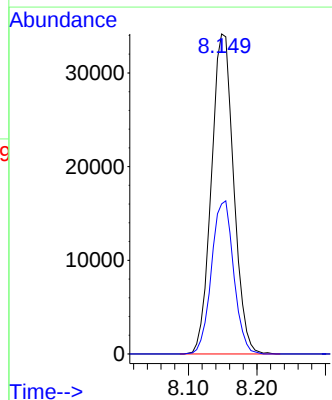
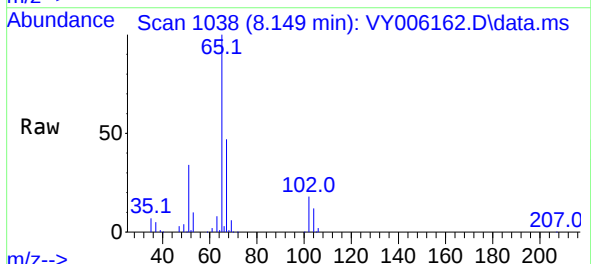
Instrument :
MSVOA_Y
ClientSampleId :
TS-1

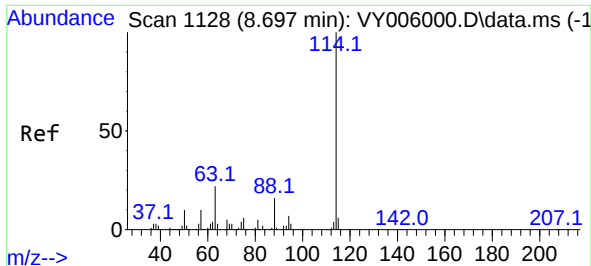
Tgt Ion:168 Resp: 114796
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.403 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

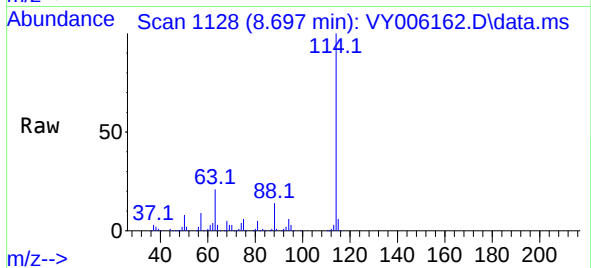
Tgt Ion: 65 Resp: 77182
Ion Ratio Lower Upper
65 100
67 47.5 0.0 99.4





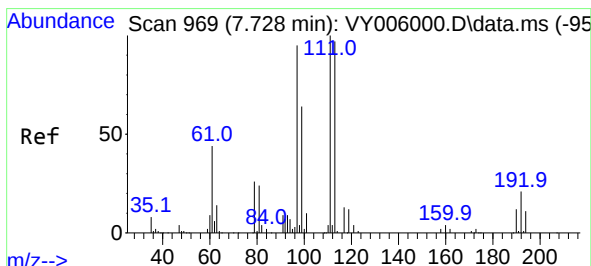
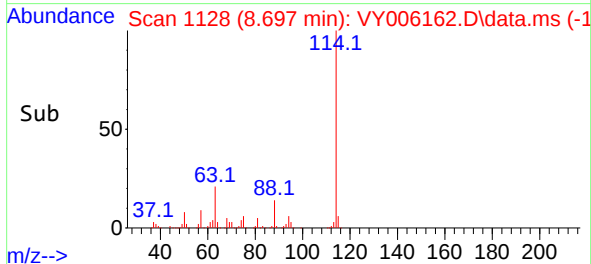
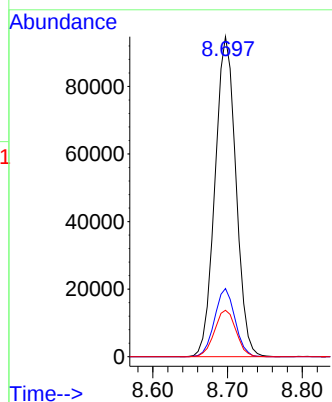
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

Instrument :
MSVOA_Y
ClientSampled :
TS-1



Tgt Ion:114 Resp: 184167

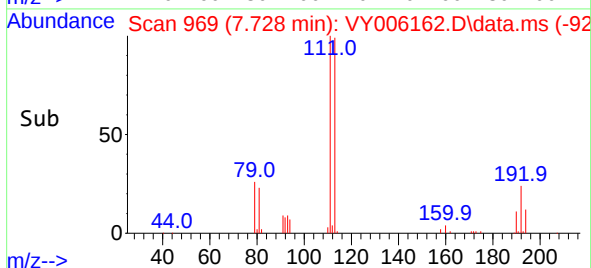
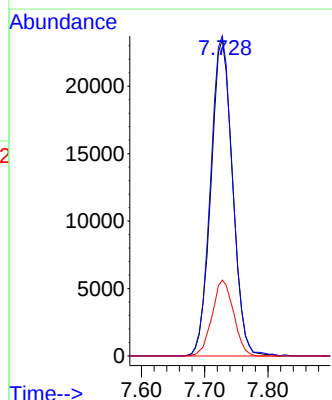
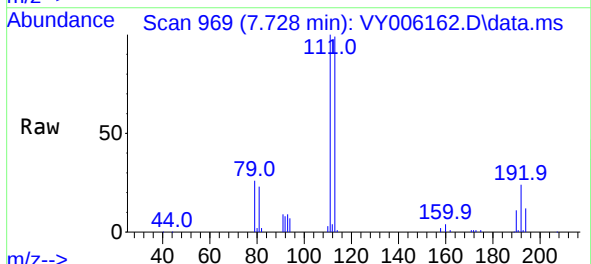
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.2
88	14.5	0.0	31.8

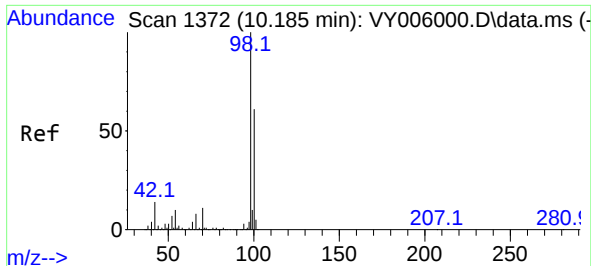


#35
Dibromofluoromethane
Concen: 48.667 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

Tgt Ion:113 Resp: 55670

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	23.8	17.6	26.4

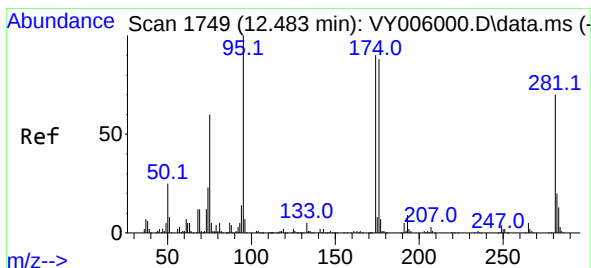
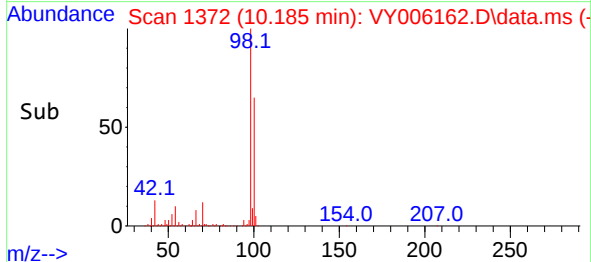
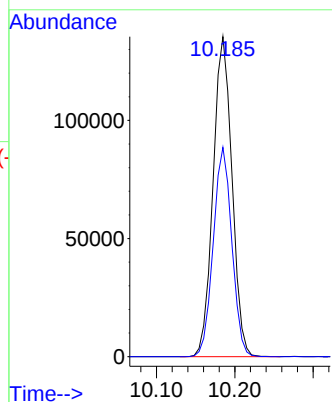
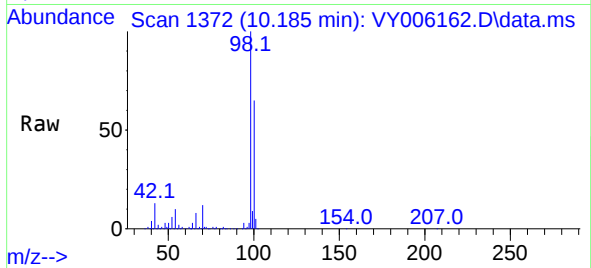




#50
Toluene-d8
Concen: 46.553 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

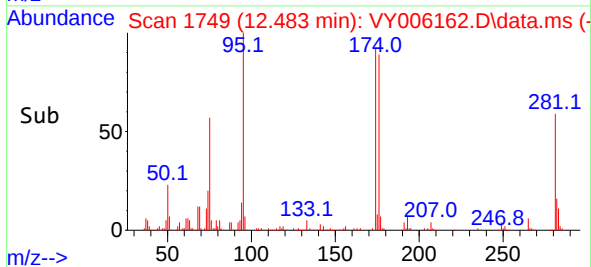
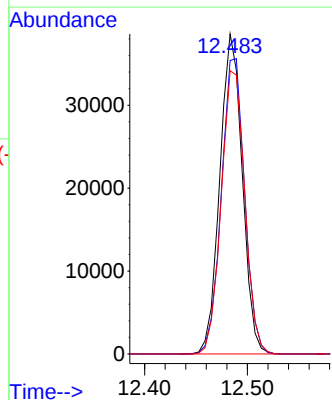
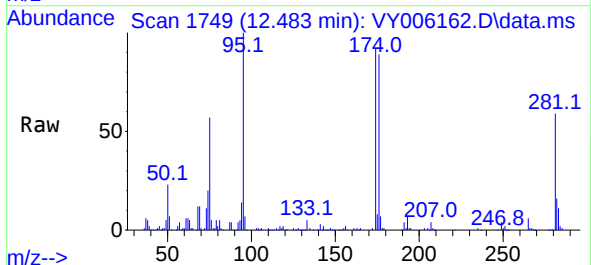
Instrument :
MSVOA_Y
ClientSampled :
TS-1

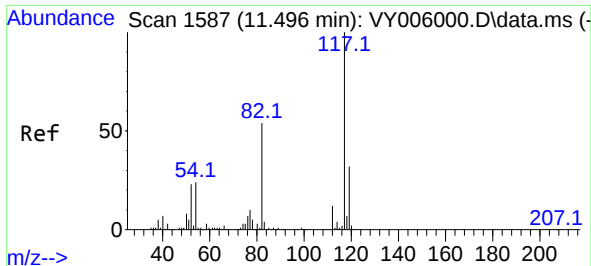
Tgt Ion: 98 Resp: 226959
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.311 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

Tgt Ion: 95 Resp: 58449
Ion Ratio Lower Upper
95 100
174 95.5 0.0 177.0
176 92.7 0.0 175.8

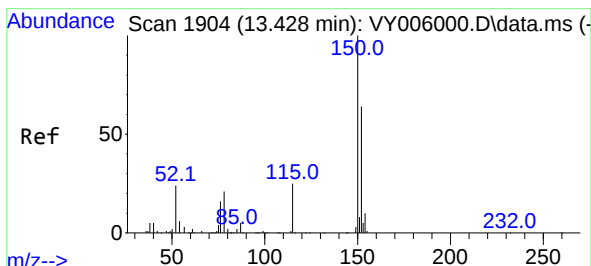
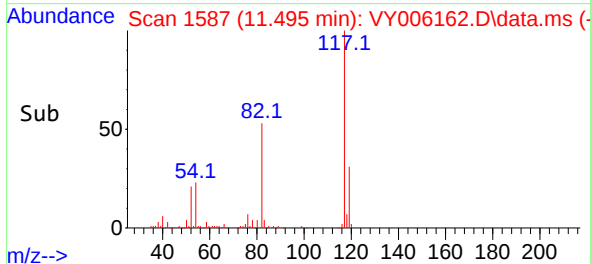
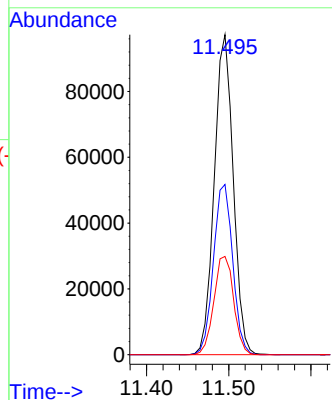
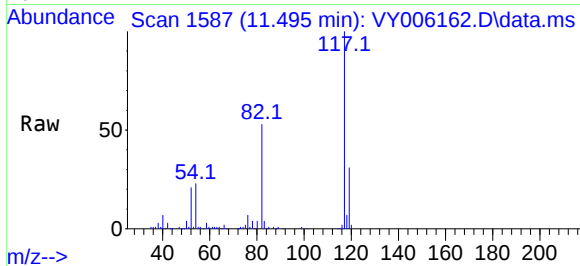




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006162.D
Acq: 27 Sep 2021 14:48

Instrument :
MSVOA_Y
ClientSampleId :
TS-1

Tgt Ion:	117	Resp:	155724
Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.0	64.4
119	30.7	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: VY006162.D
Acq: 27 Sep 2021 14:48

Tgt Ion:	152	Resp:	56852
Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.2	84.7
150	157.1	0.0	347.6

