

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006248.D
 Acq On : 30 Sep 2021 18:24
 Operator : SY/MD
 Sample : M4005-18
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-08-093021

Quant Time: Oct 01 06:28:47 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	7.795	168	125304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	201887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	190244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85986	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82118	61.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.460%
35) Dibromofluoromethane	7.722	113	60561	56.148	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.300%
50) Toluene-d8	10.185	98	252156	55.859	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.720%
62) 4-Bromofluorobenzene	12.483	95	79906	52.106	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.220%

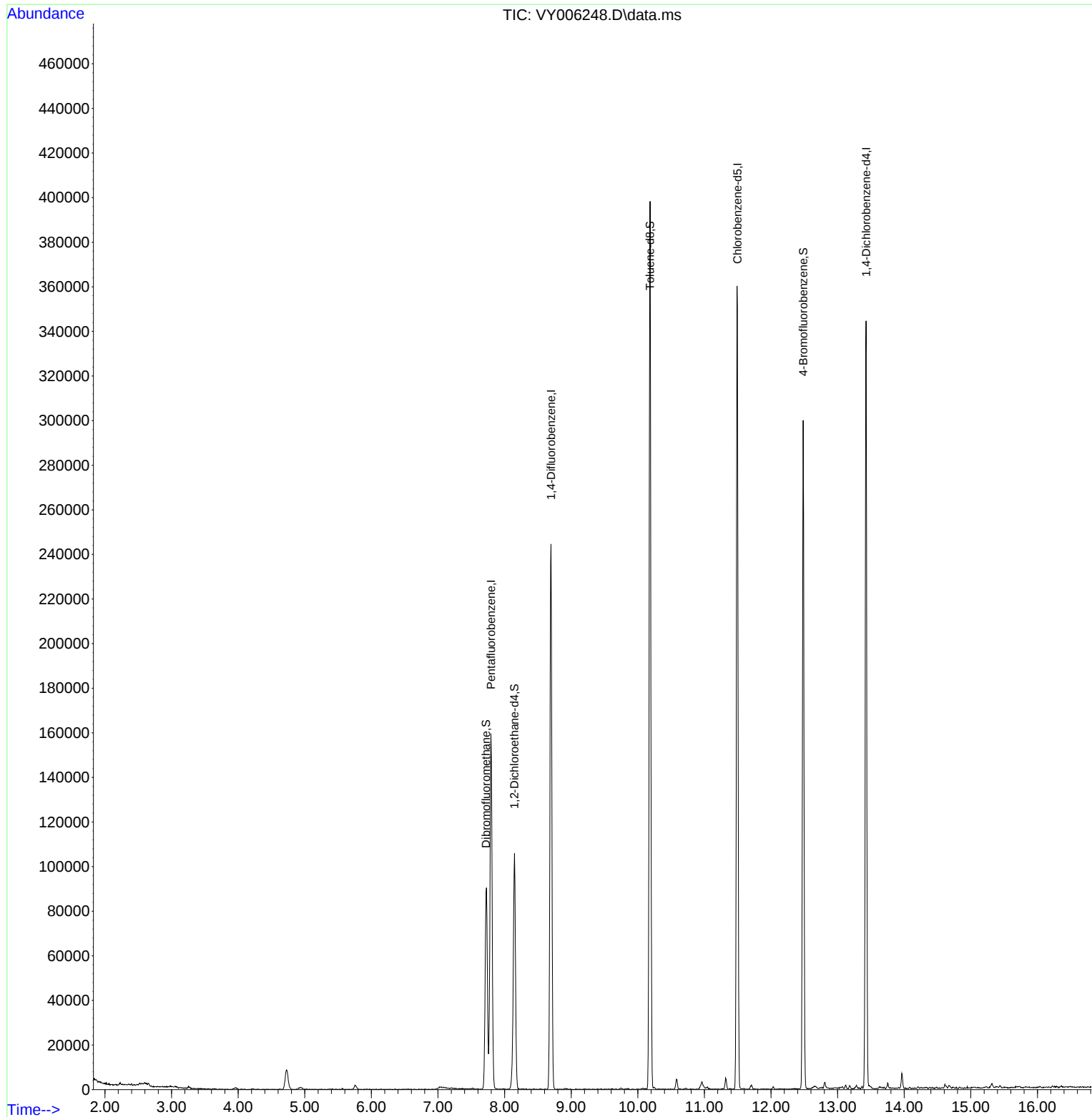
Target Compounds	Qvalue

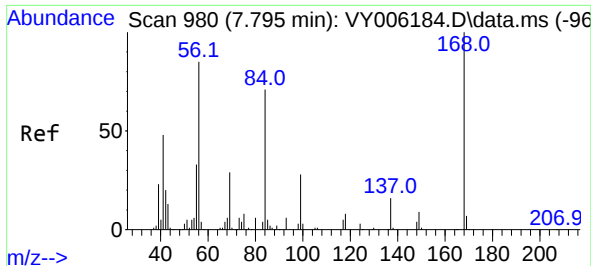
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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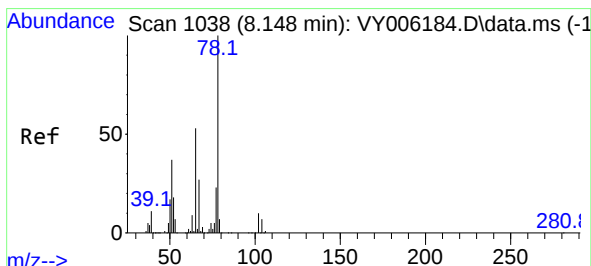
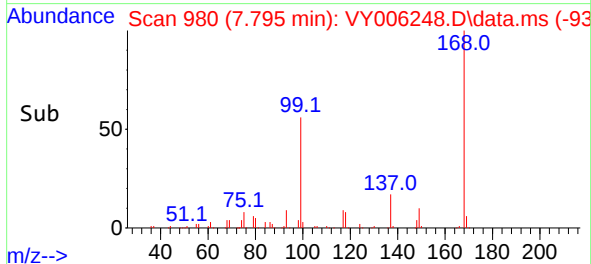
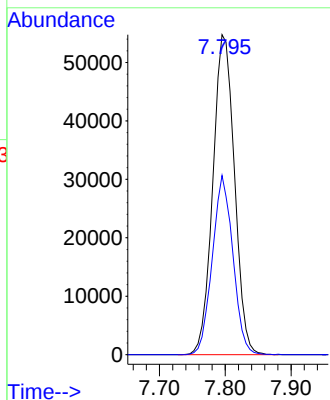
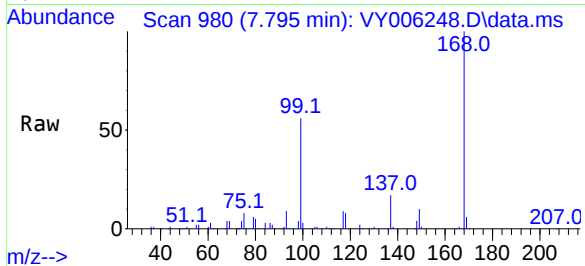




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006248.D
Acq: 30 Sep 2021 18:24

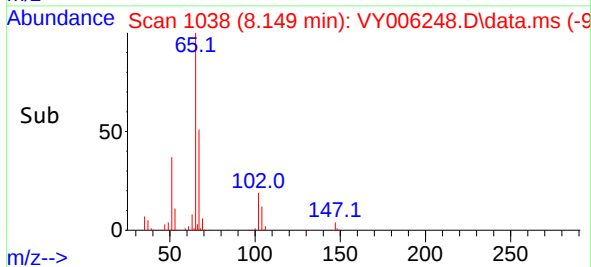
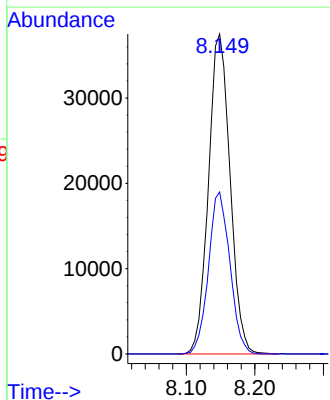
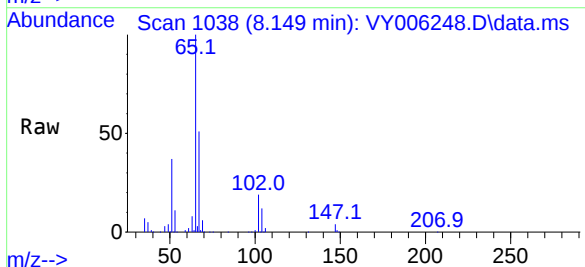
Instrument :
MSVOA_Y
ClientSampleId :
BU-08-093021

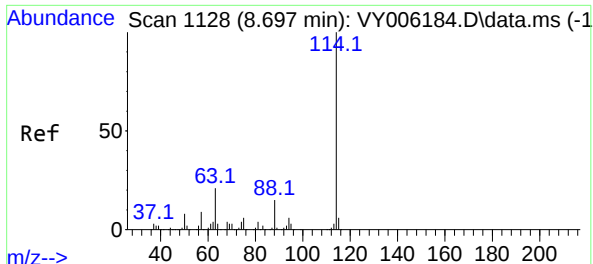
Tgt Ion:168 Resp: 125304
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.231 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006248.D
Acq: 30 Sep 2021 18:24

Tgt Ion: 65 Resp: 82118
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.4

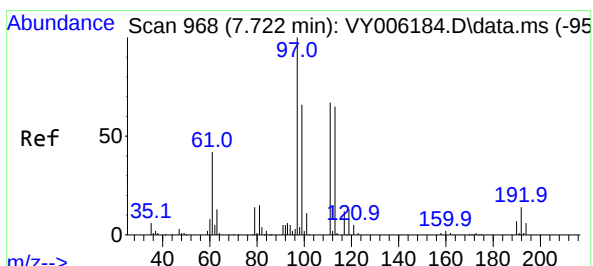
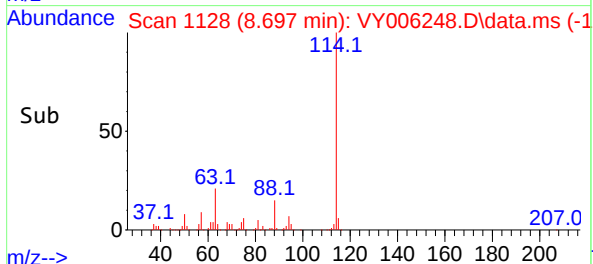
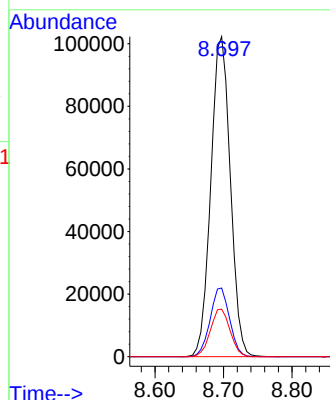
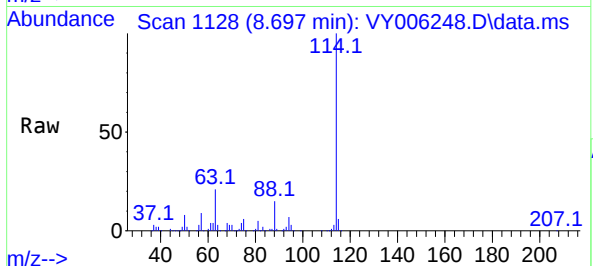




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006248.D
Acq: 30 Sep 2021 18:24

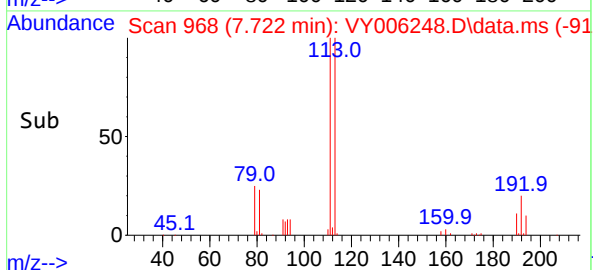
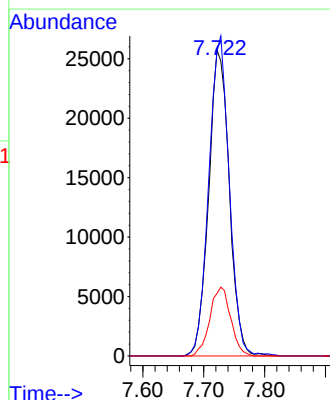
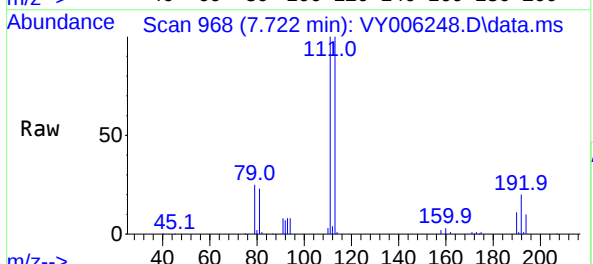
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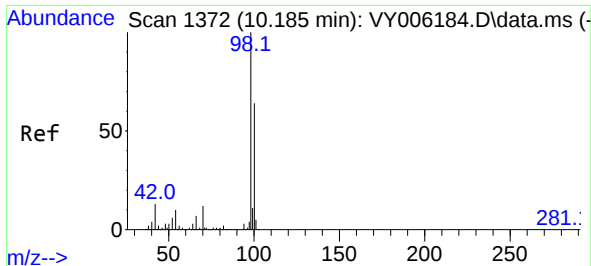
Tgt Ion:	114	Resp:	201887
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.2
88	14.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 56.148 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006248.D
Acq: 30 Sep 2021 18:24

Tgt Ion:	113	Resp:	60561
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	124.0
192	22.7	17.6	26.4

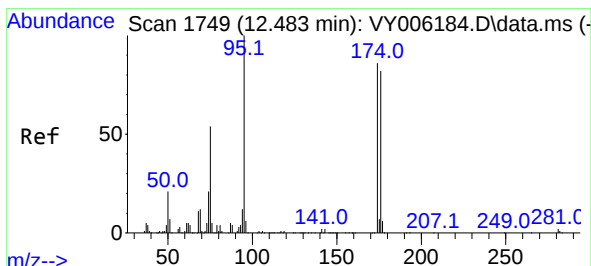
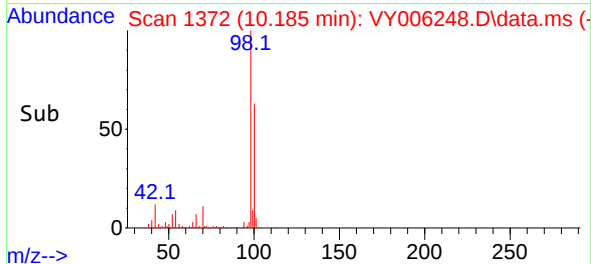
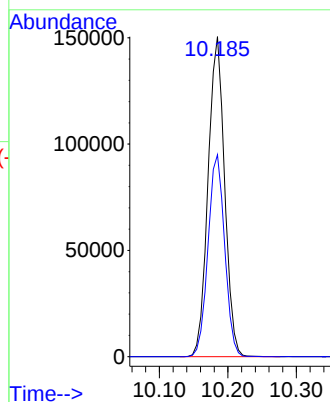
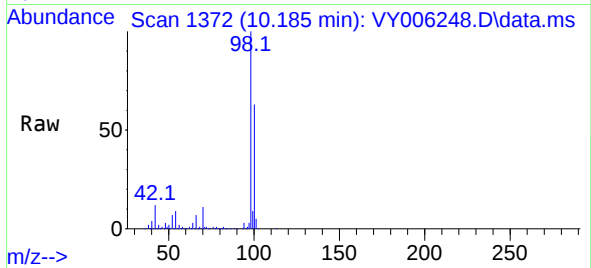




#50
Toluene-d8
Concen: 55.859 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006248.D
Acq: 30 Sep 2021 18:24

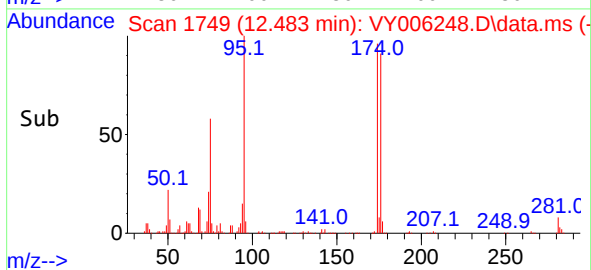
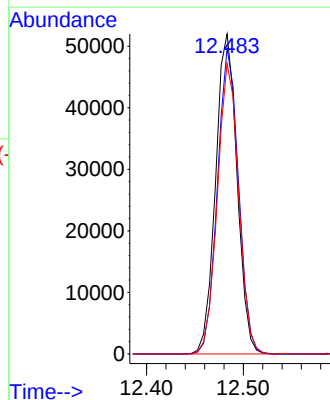
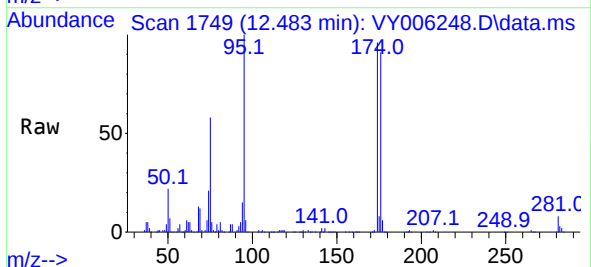
Instrument :
MSVOA_Y
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BU-08-093021

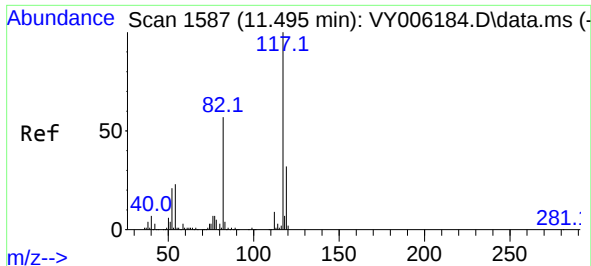
Tgt Ion: 98 Resp: 252156
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.106 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006248.D
Acq: 30 Sep 2021 18:24

Tgt Ion: 95 Resp: 79906
Ion Ratio Lower Upper
95 100
174 93.9 0.0 177.0
176 89.8 0.0 175.8

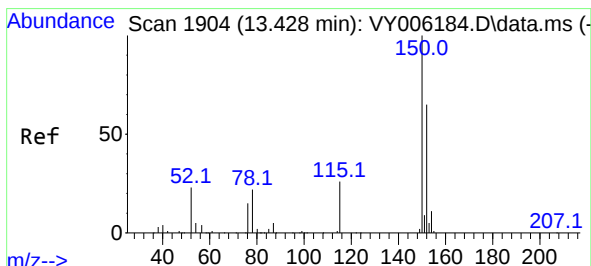
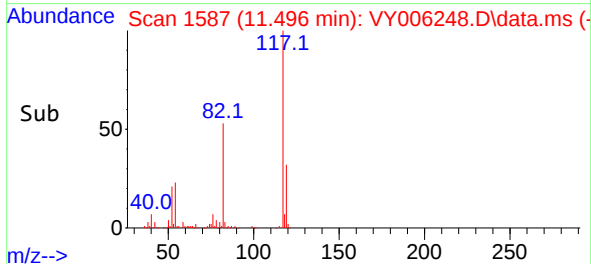
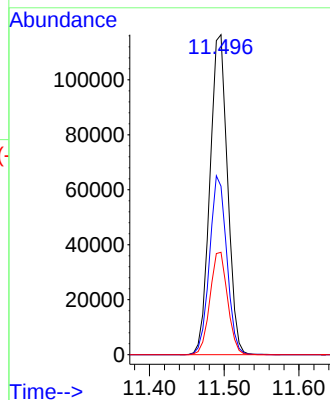
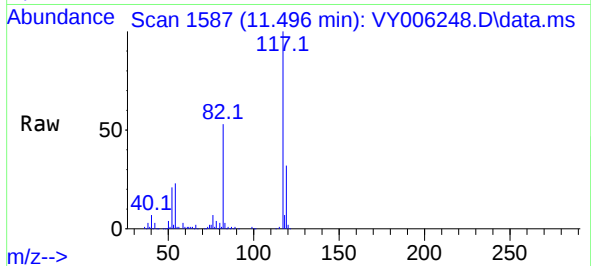




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006248.D
Acq: 30 Sep 2021 18:24

Instrument :
MSVOA_Y
ClientSampleId :
BU-08-093021

Tgt Ion:	117	Resp:	190244
Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.0	64.4
119	32.0	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: VY006248.D
Acq: 30 Sep 2021 18:24

Tgt Ion:	152	Resp:	85986
Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.2	84.7
150	156.3	0.0	347.6

