

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005159.D
 Acq On : 17 Jun 2021 16:10
 Operator : SY/MD
 Sample : M2749-06
 Misc : 5.89G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RF-01 3.5-4.0

Quant Time: Jun 18 03:02:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	149706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	268144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70698	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102711	70.958	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.920%
35) Dibromofluoromethane	7.728	113	86147	75.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	150.360%#
50) Toluene-d8	10.185	98	326762	57.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.400%
62) 4-Bromofluorobenzene	12.489	95	72009	37.480	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.960%

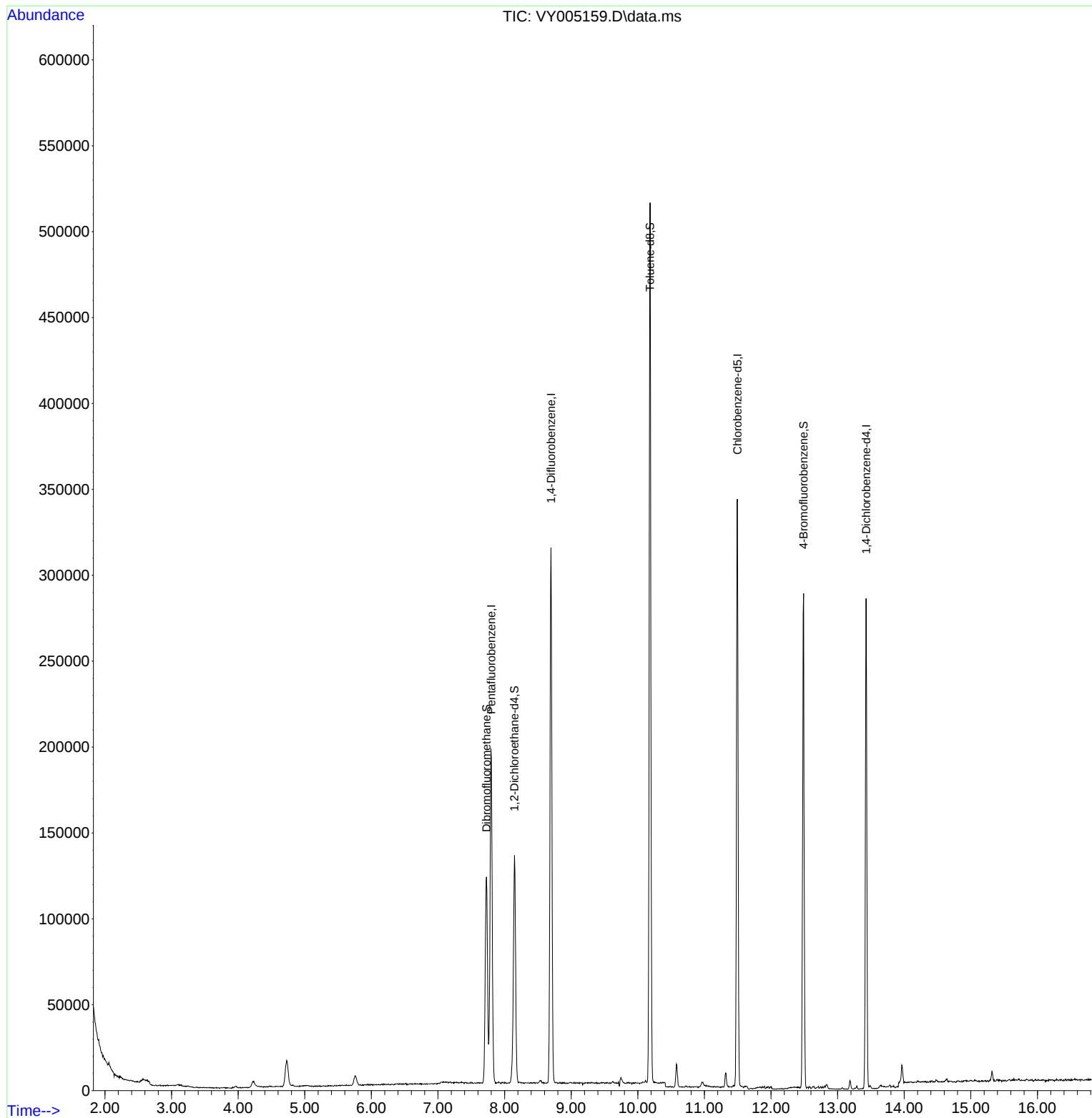
Target Compounds	Qvalue

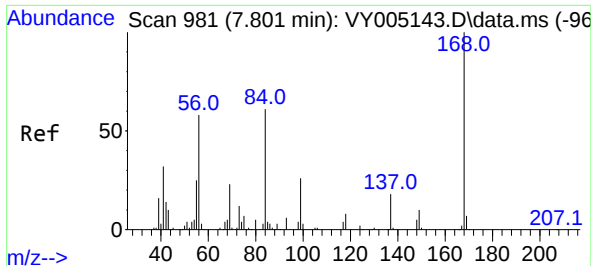
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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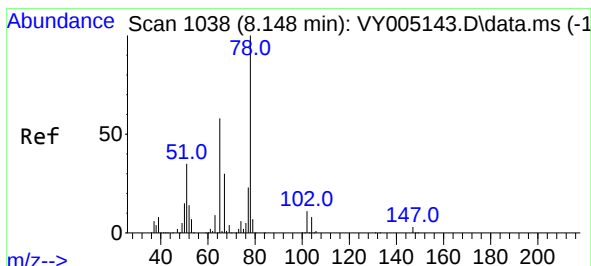
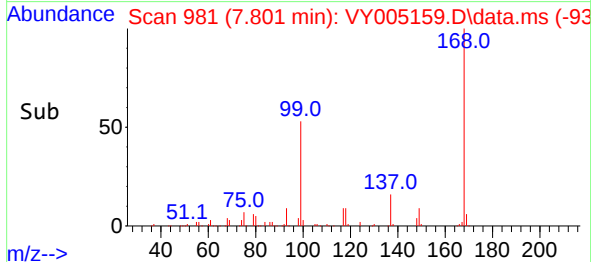
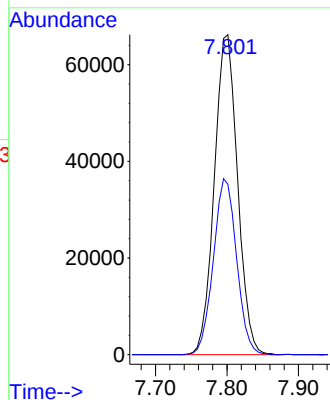
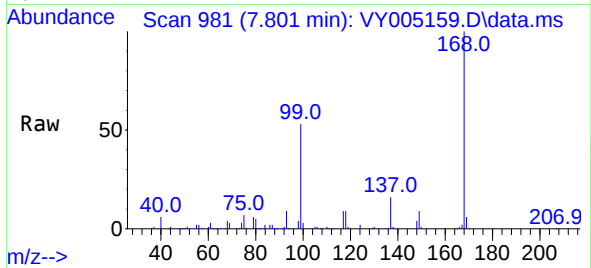




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

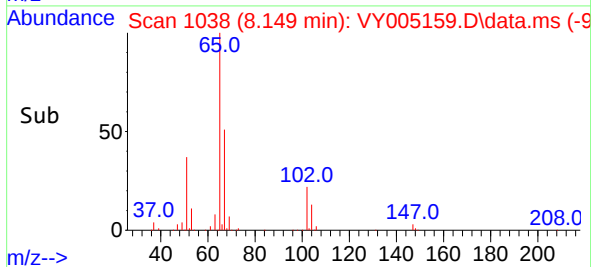
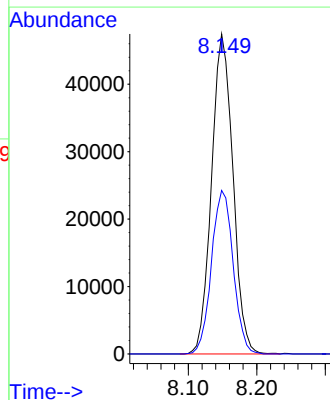
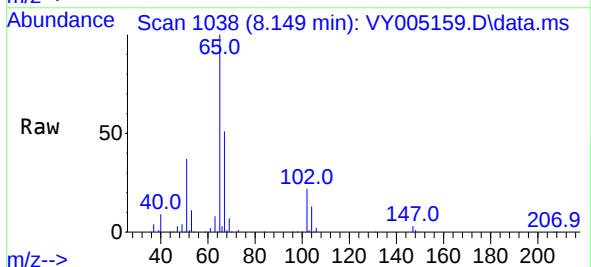
Instrument :
MSVOA_Y
ClientSampleId :
RF-01_3.5-4.0

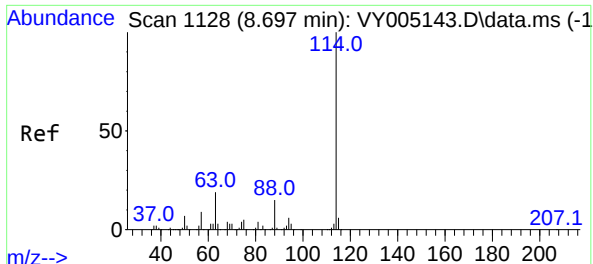
Tgt Ion:168 Resp: 149706
Ion Ratio Lower Upper
168 100
99 53.3 44.5 66.7



#33
1,2-Dichloroethane-d4
Concen: 70.958 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

Tgt Ion: 65 Resp: 102711
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

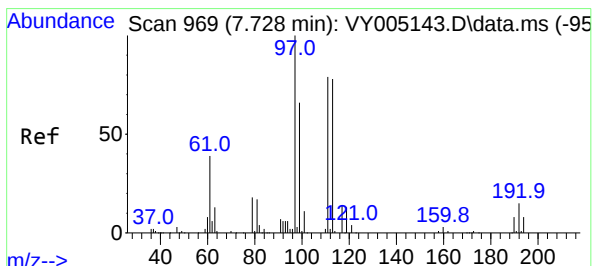
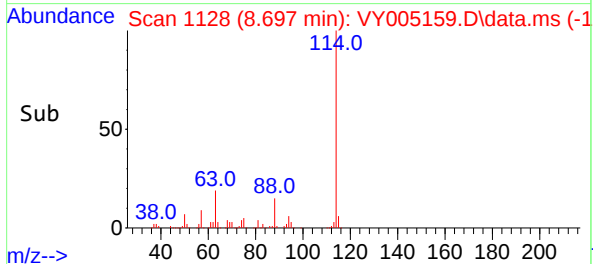
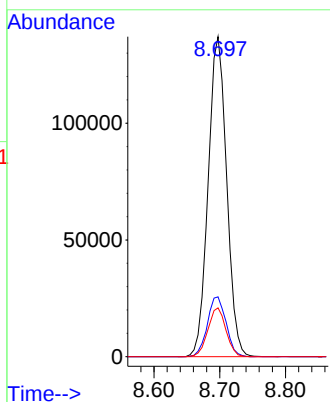
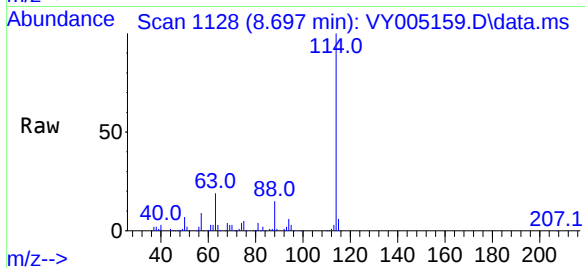




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

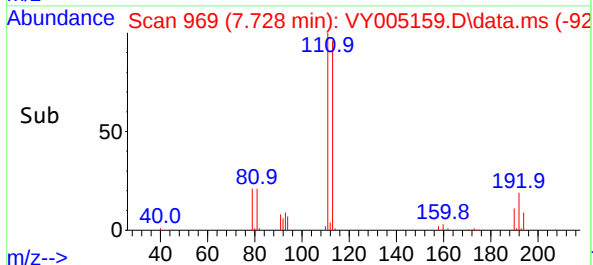
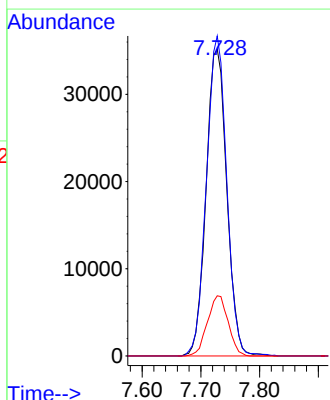
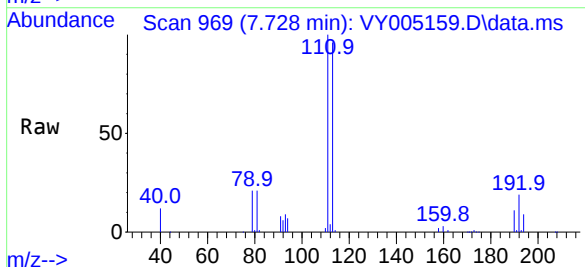
Instrument :
MSVOA_Y
ClientSampleId :
RF-01 3.5-4.0

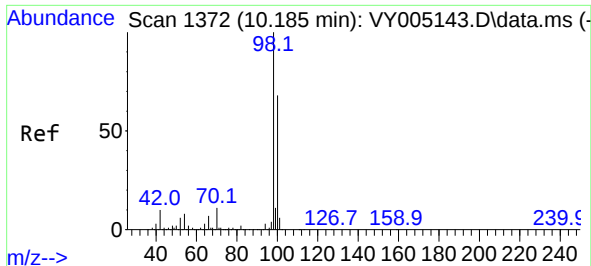
Tgt Ion:114 Resp: 268144
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.6
88 15.2 0.0 29.6



#35
Dibromofluoromethane
Concen: 75.179 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

Tgt Ion:113 Resp: 86147
Ion Ratio Lower Upper
113 100
111 102.1 82.3 123.5
192 19.6 16.2 24.2

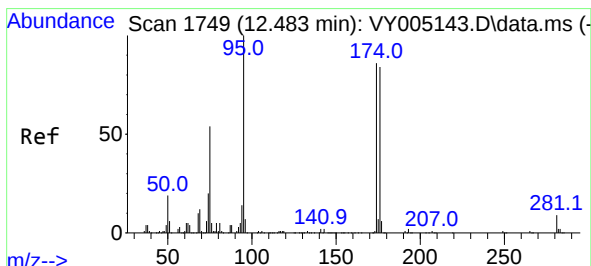
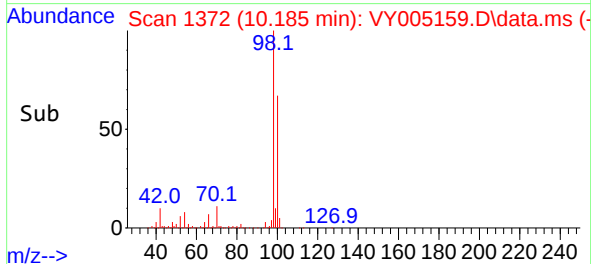
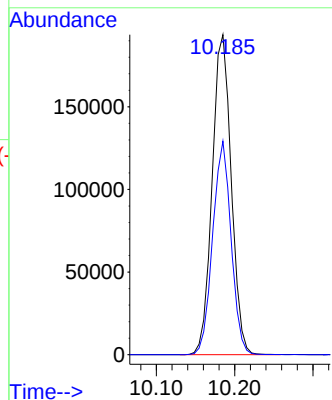
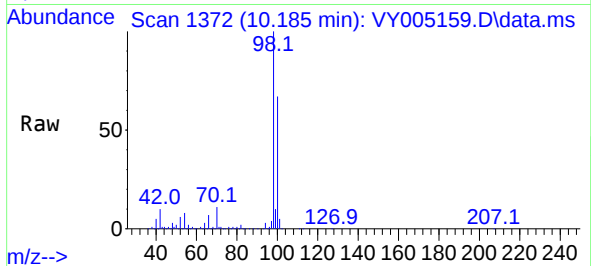




#50
Toluene-d8
Concen: 57.200 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

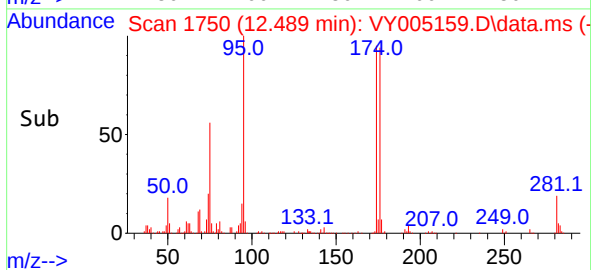
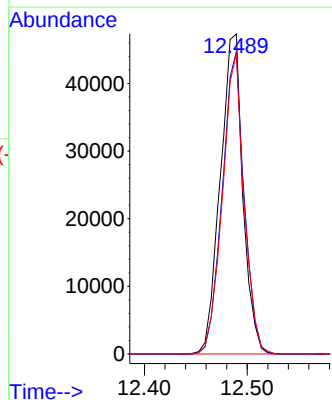
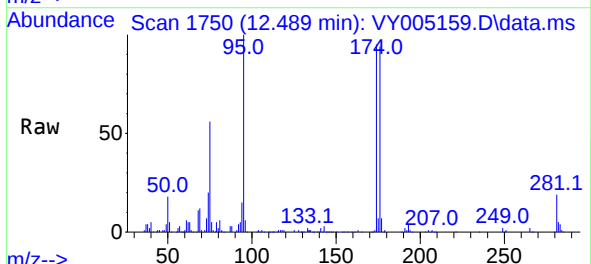
Instrument :
MSVOA_Y
ClientSampleId :
RF-01 3.5-4.0

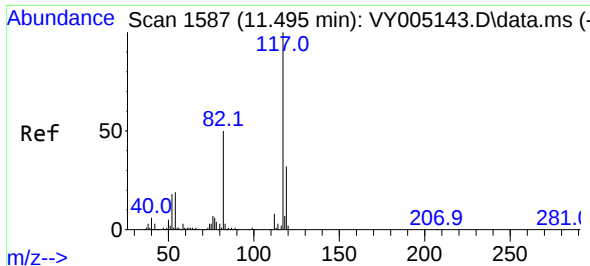
Tgt Ion: 98 Resp: 326762
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 37.480 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

Tgt Ion: 95 Resp: 72009
Ion Ratio Lower Upper
95 100
174 91.7 0.0 179.2
176 89.4 0.0 174.0

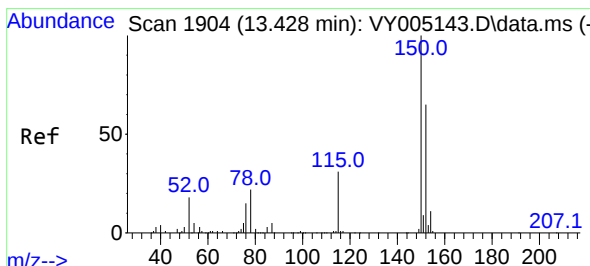
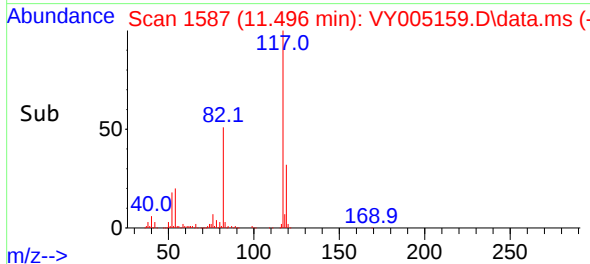
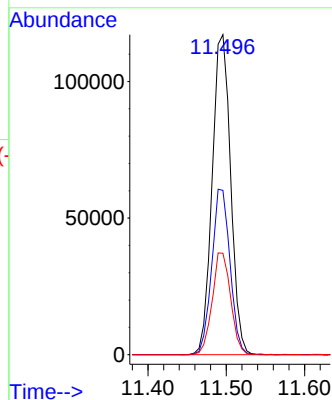
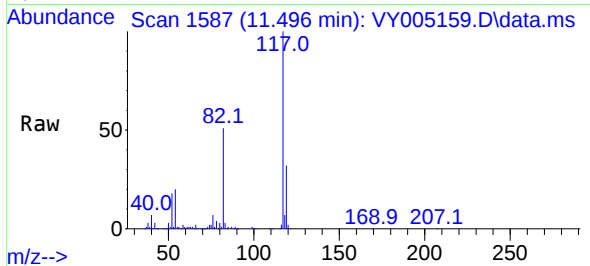




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

Instrument :
MSVOA_Y
ClientSampleId :
RF-01 3.5-4.0

Tgt Ion:	117	Resp:	191689
Ion	Ratio	Lower	Upper
117	100		
82	51.4	39.8	59.6
119	31.7	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

Tgt Ion:	152	Resp:	70698
Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.5	88.6
150	153.6	0.0	348.2

