

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006133.D
 Acq On : 24 Sep 2021 13:13
 Operator : SY/MD
 Sample : M3916-04
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONC-2

Quant Time: Sep 25 05:43:56 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	138806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	204005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	88937	46.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.260%
35) Dibromofluoromethane	7.722	113	67367	48.637	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.280%
50) Toluene-d8	10.185	98	279769	47.391	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.780%
62) 4-Bromofluorobenzene	12.483	95	87641	43.727	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.460%

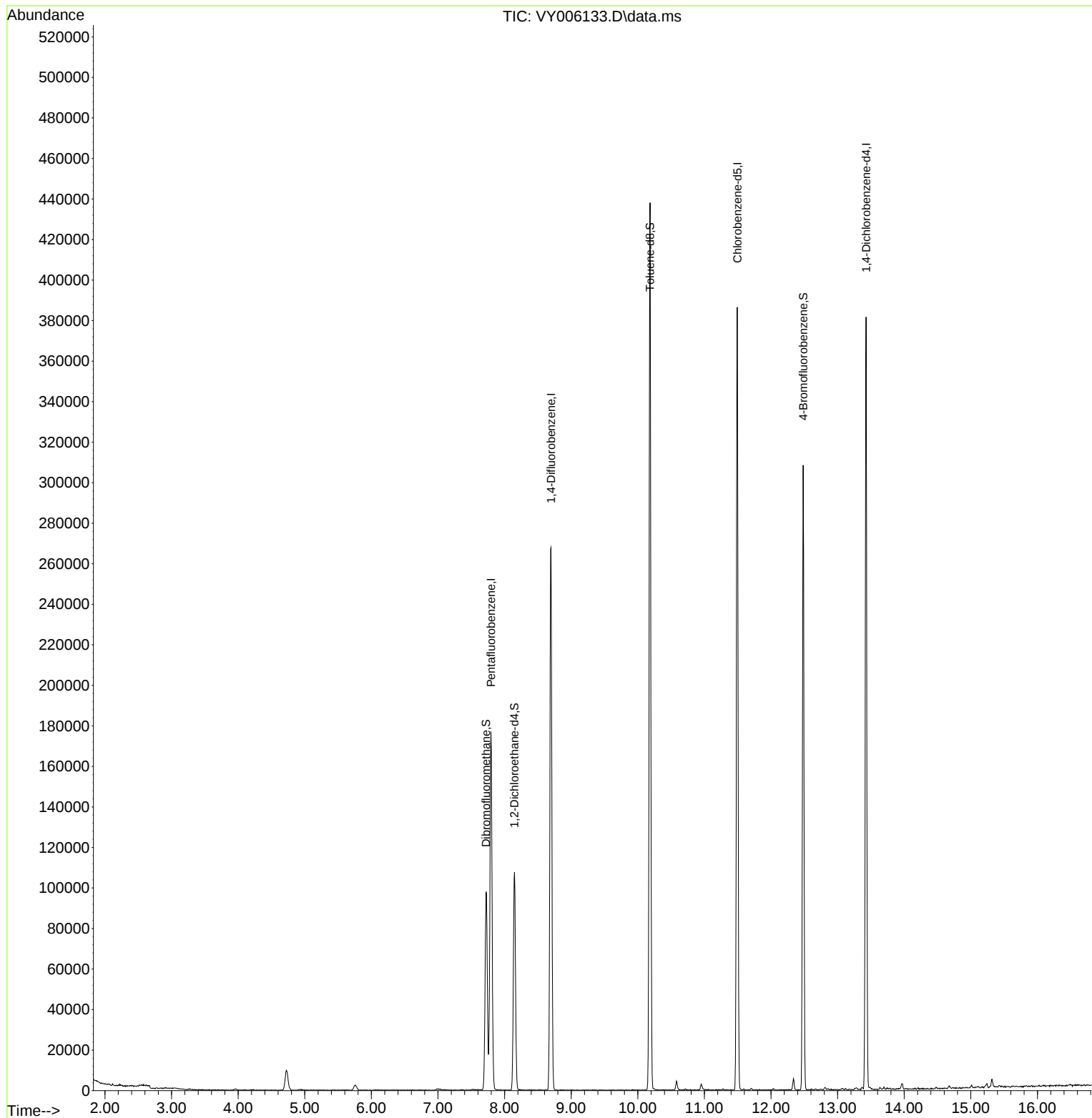
Target Compounds	Qvalue

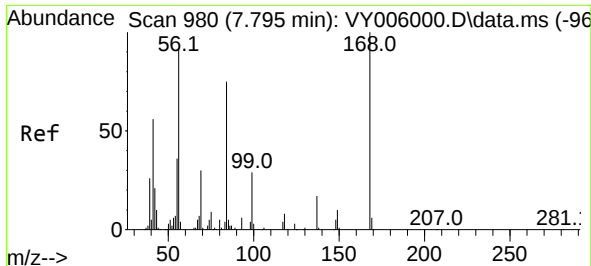
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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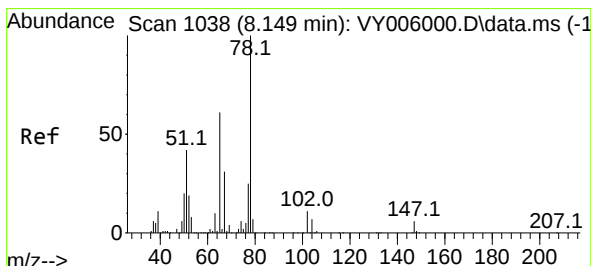
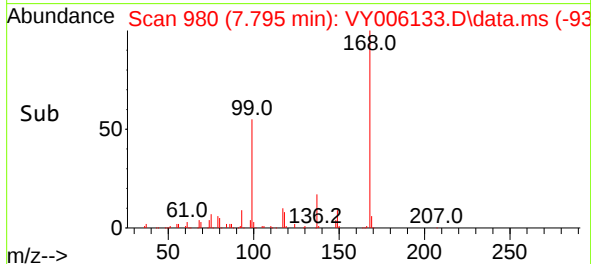
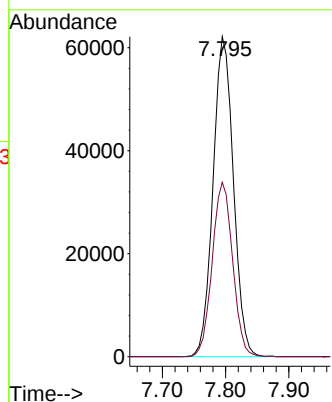
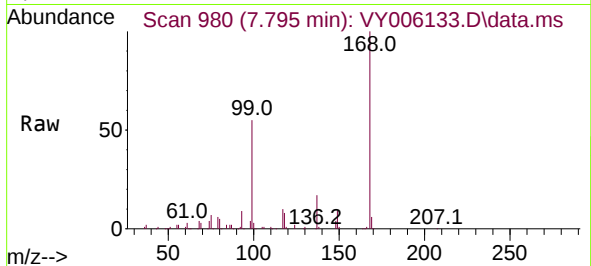




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006133.D
Acq: 24 Sep 2021 13:13

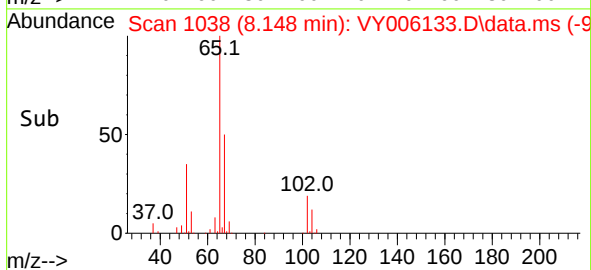
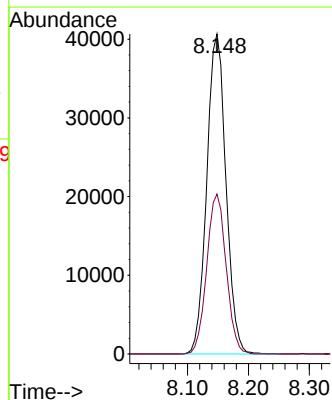
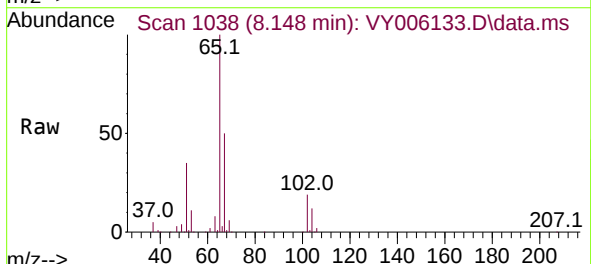
Instrument :
MSVOA_Y
ClientSampleId :
CONC-2

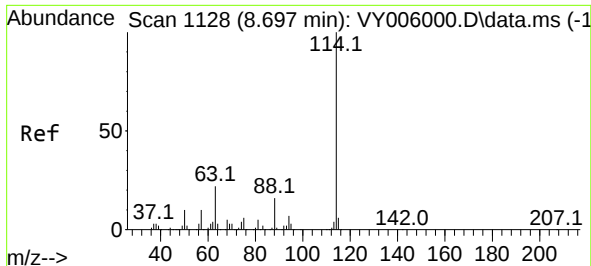
Tgt Ion:168 Resp: 138806
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.127 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006133.D
Acq: 24 Sep 2021 13:13

Tgt Ion: 65 Resp: 88937
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.4

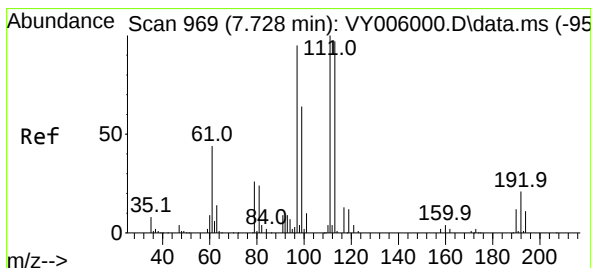
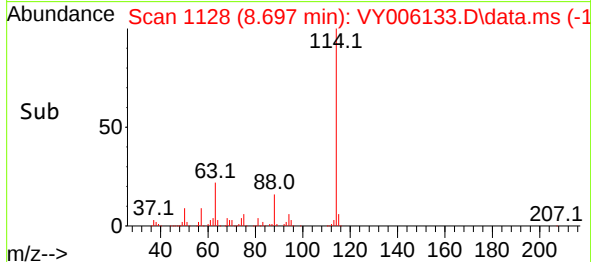
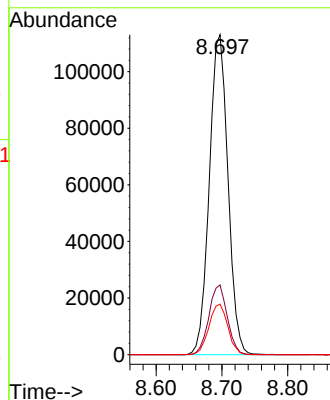
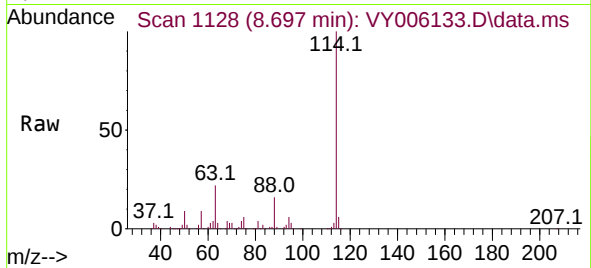




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006133.D
Acq: 24 Sep 2021 13:13

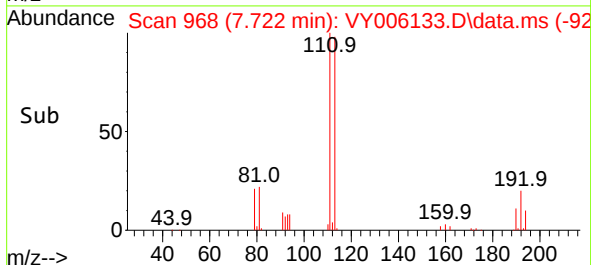
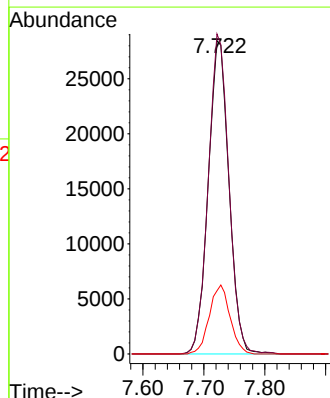
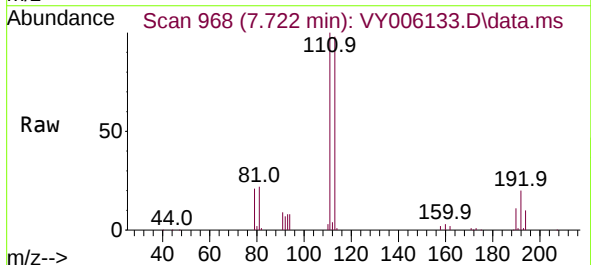
Instrument :
MSVOA_Y
ClientSampleId :
CONC-2

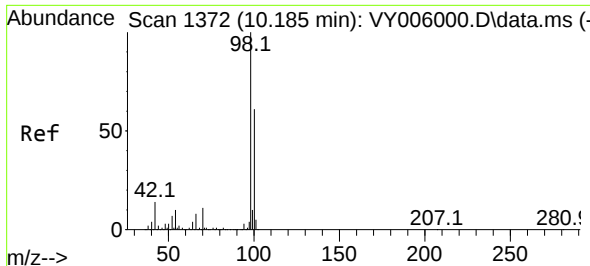
Tgt Ion:	114	Resp:	223002
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.2
88	15.8	0.0	31.8



#35
Dibromofluoromethane
Concen: 48.637 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006133.D
Acq: 24 Sep 2021 13:13

Tgt Ion:	113	Resp:	67367
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.6	124.0
192	22.0	17.6	26.4

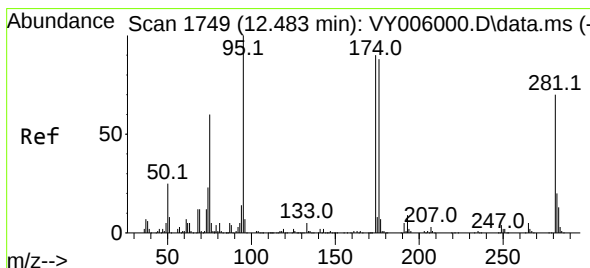
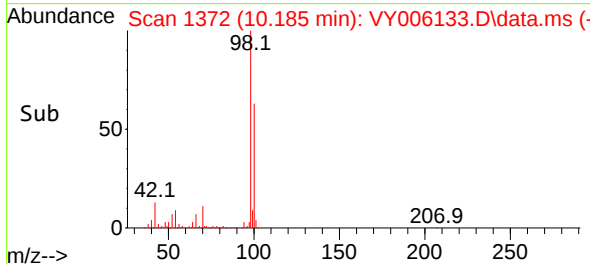
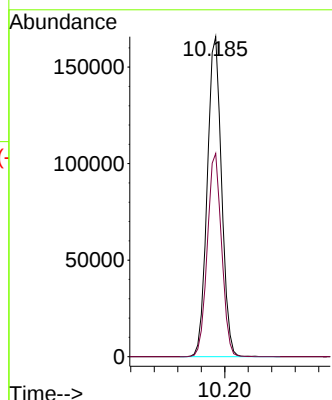
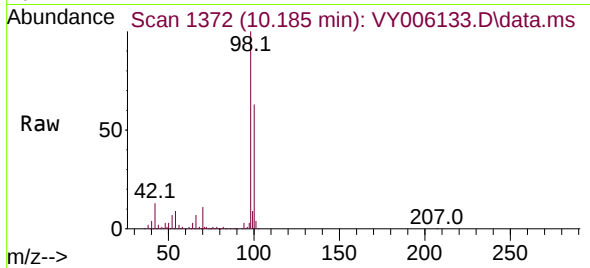




#50
Toluene-d8
Concen: 47.391 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006133.D
Acq: 24 Sep 2021 13:13

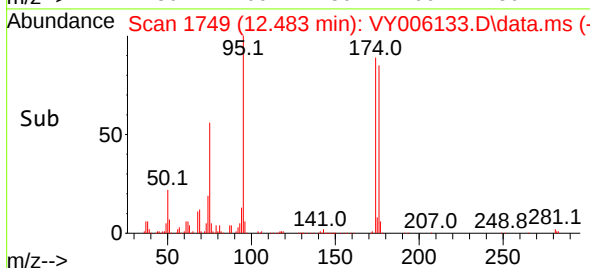
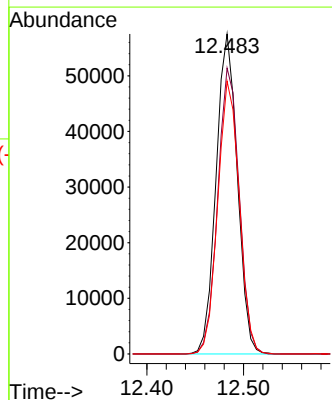
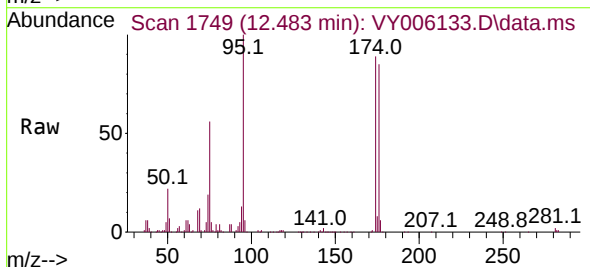
Instrument :
MSVOA_Y
ClientSampleId :
CONC-2

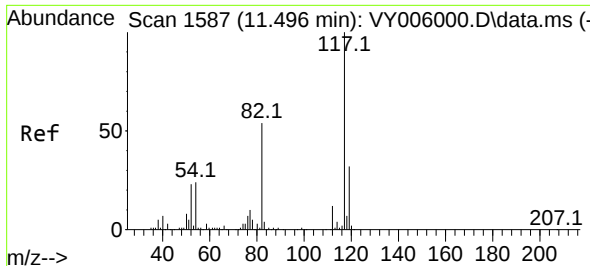
Tgt Ion: 98 Resp: 279769
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.727 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006133.D
Acq: 24 Sep 2021 13:13

Tgt Ion: 95 Resp: 87641
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.0
176 86.4 0.0 175.8

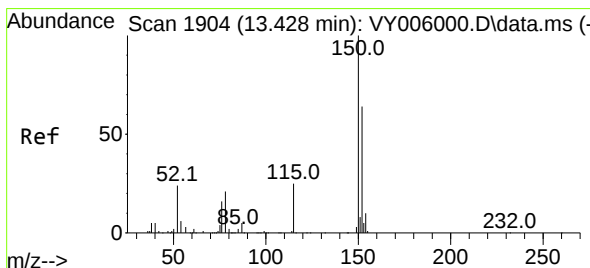
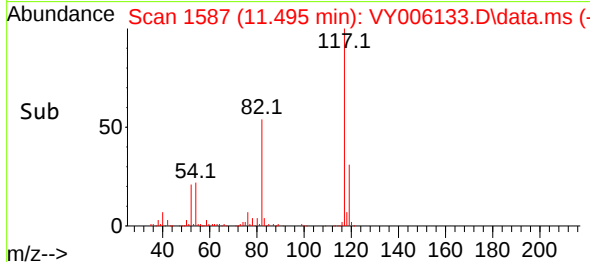
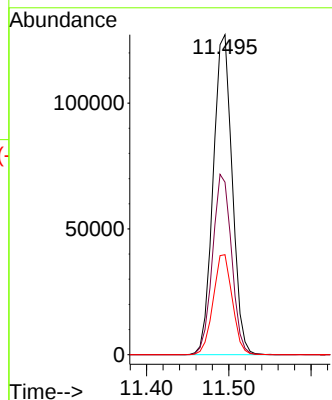
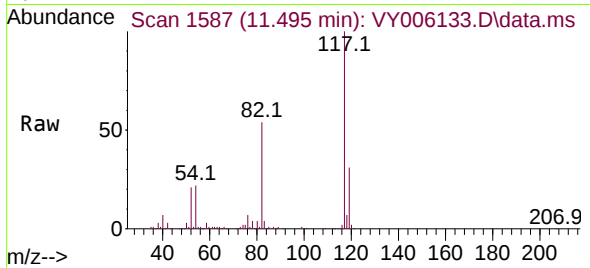




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006133.D
Acq: 24 Sep 2021 13:13

Instrument :
MSVOA_Y
ClientSampleId :
CONC-2

Tgt Ion:117 Resp: 204005
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.3 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: VY006133.D
Acq: 24 Sep 2021 13:13

Tgt Ion:152 Resp: 95082
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 154.8 0.0 347.6

