

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083121\
 Data File : VY005913.D
 Acq On : 31 Aug 2021 15:34
 Operator : SY/MD
 Sample : M3597-01
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-124030

Quant Time: Sep 01 05:37:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	10257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	16621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	16315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6505	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6229	60.264	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.520%
35) Dibromofluoromethane	7.722	113	4427	47.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.860%
50) Toluene-d8	10.185	98	20319	51.868	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.483	95	6014	45.720	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.440%

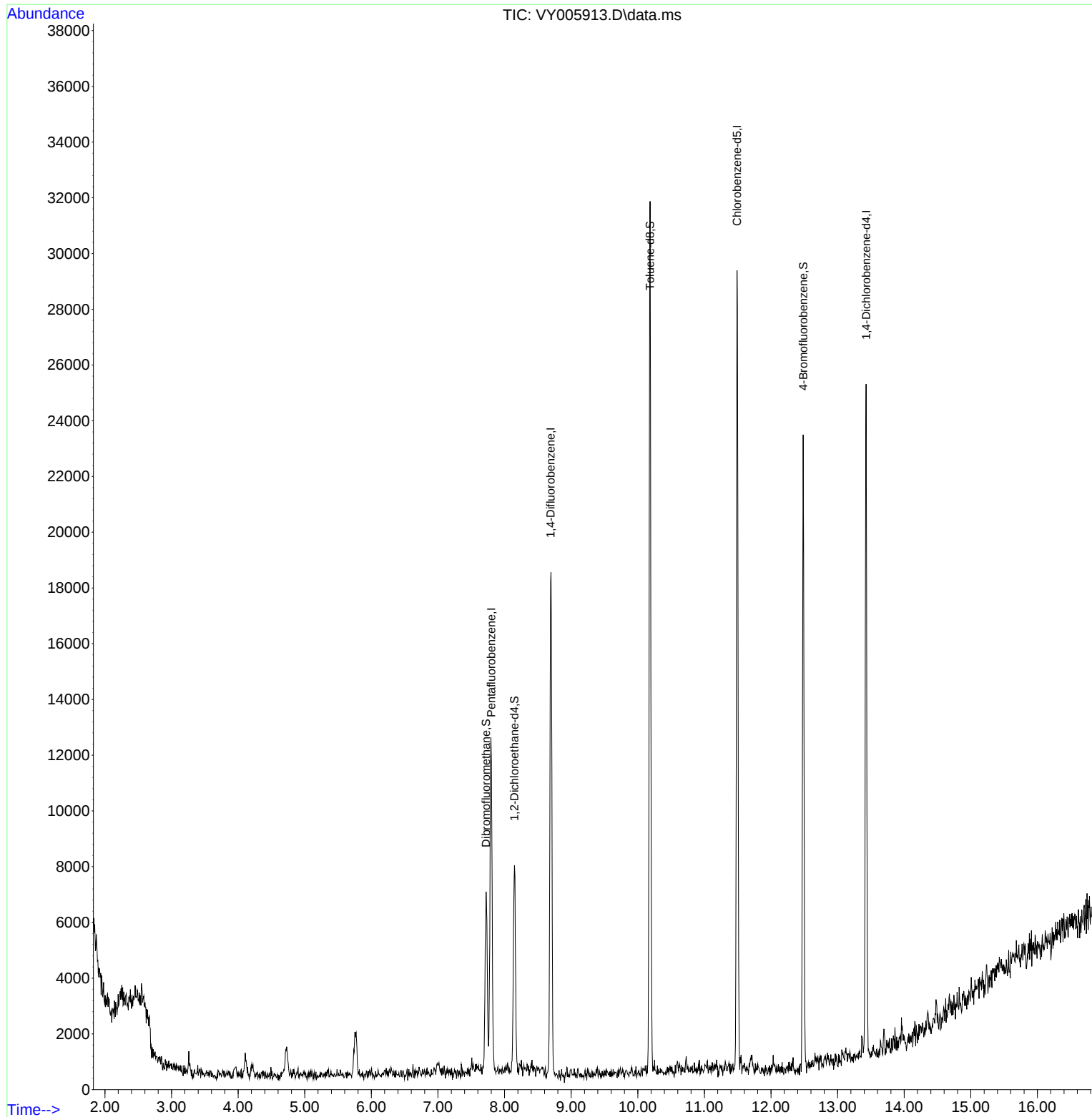
Target Compounds	Qvalue

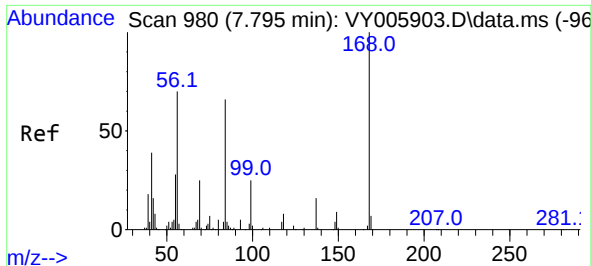
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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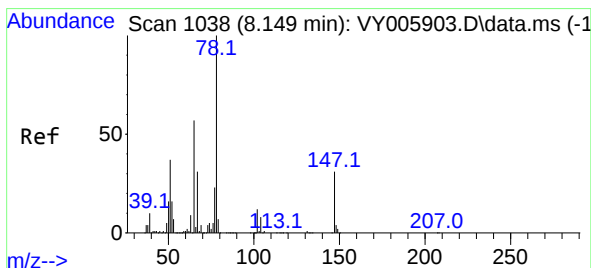
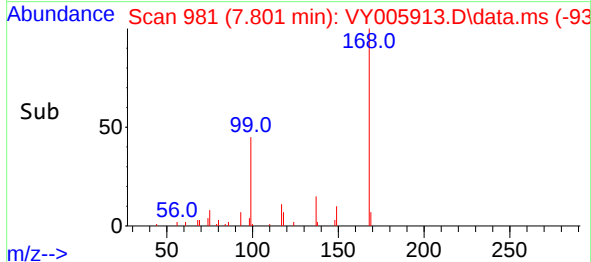
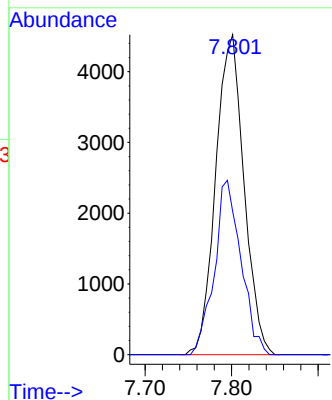
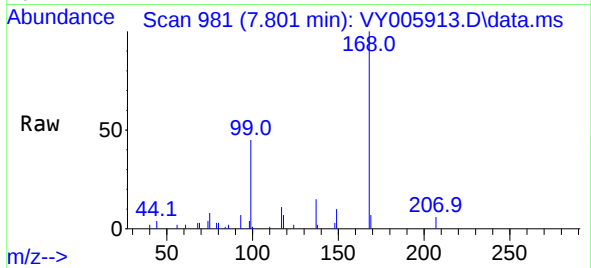




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005913.D
Acq: 31 Aug 2021 15:34

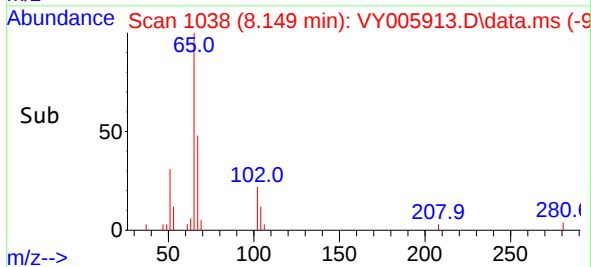
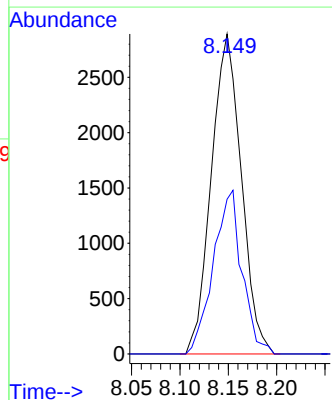
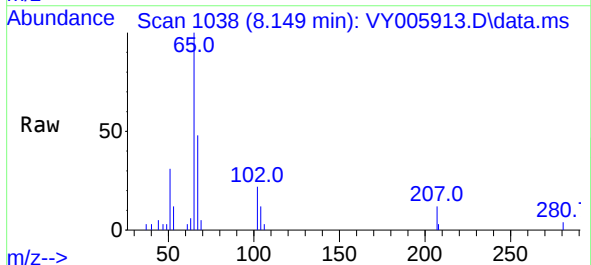
Instrument :
MSVOA_Y
ClientSampleId :
RO-124030

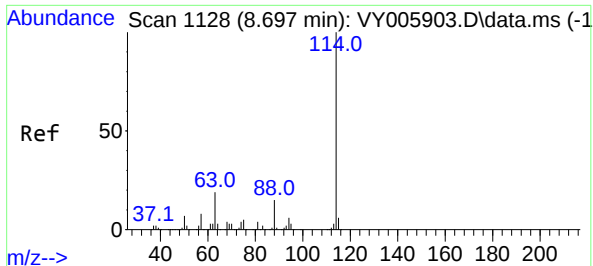
Tgt Ion:168 Resp: 10257
Ion Ratio Lower Upper
168 100
99 44.7 40.6 60.8



#33
1,2-Dichloroethane-d4
Concen: 60.264 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005913.D
Acq: 31 Aug 2021 15:34

Tgt Ion: 65 Resp: 6229
Ion Ratio Lower Upper
65 100
67 48.9 0.0 105.4



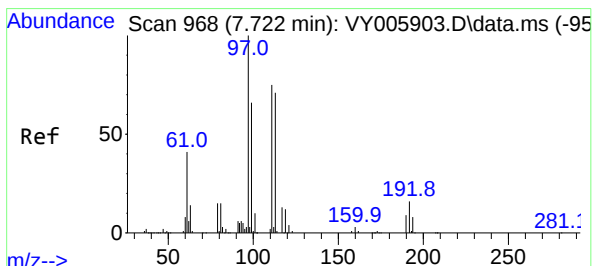
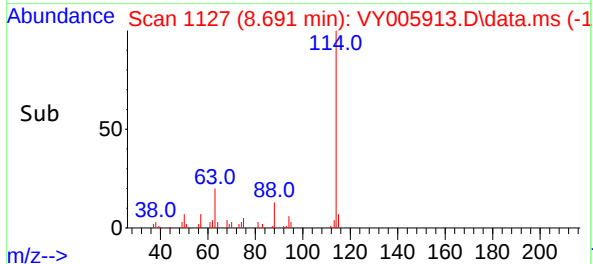
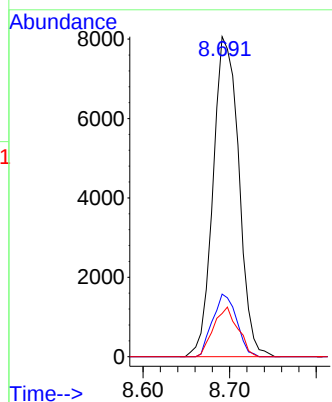
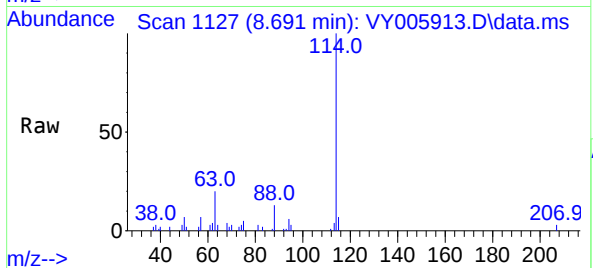


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005913.D
Acq: 31 Aug 2021 15:34

Instrument :
MSVOA_Y
ClientSampleId :
RO-124030

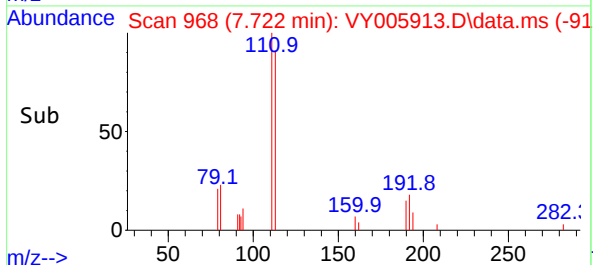
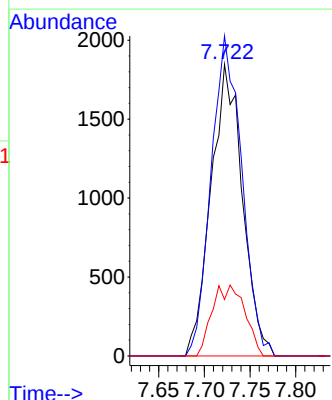
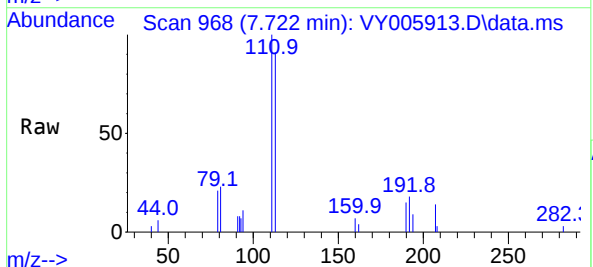
Tgt Ion:	114	Resp:	16621
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.4
88	13.5	0.0	30.0

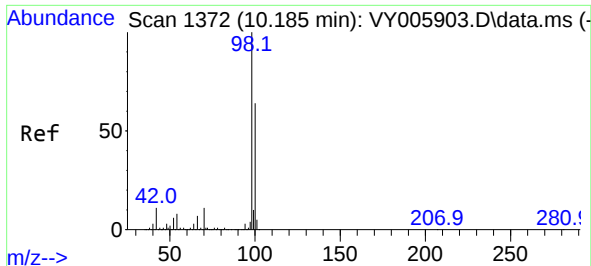


#35

Dibromofluoromethane
Concen: 47.427 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY005913.D
Acq: 31 Aug 2021 15:34

Tgt Ion:	113	Resp:	4427
Ion	Ratio	Lower	Upper
113	100		
111	106.8	81.9	122.9
192	25.2	19.4	29.0

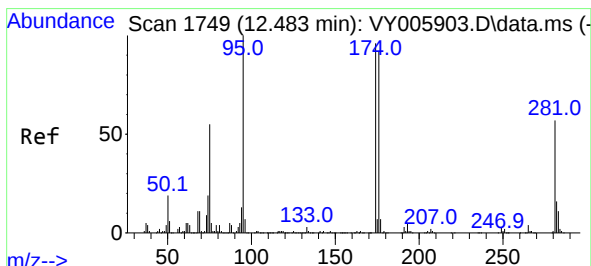
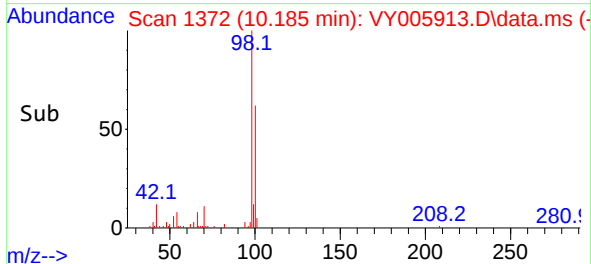
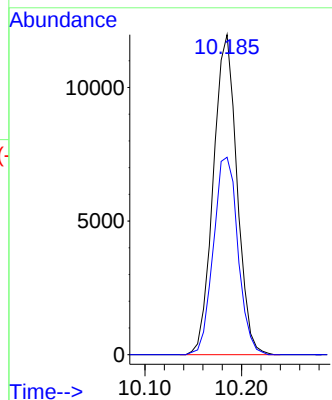
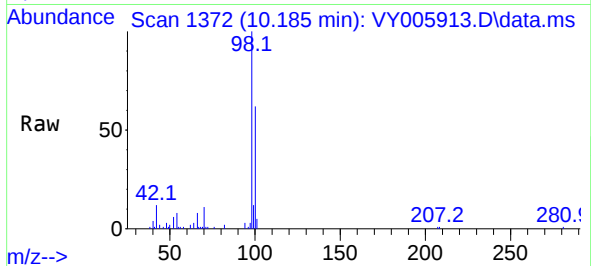




#50
Toluene-d8
Concen: 51.868 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005913.D
Acq: 31 Aug 2021 15:34

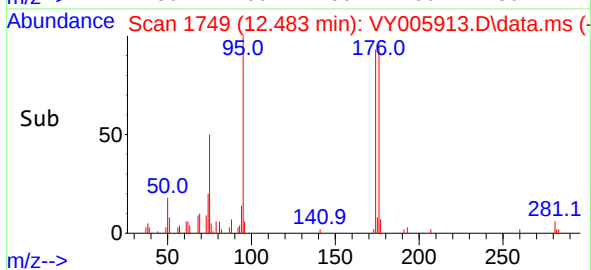
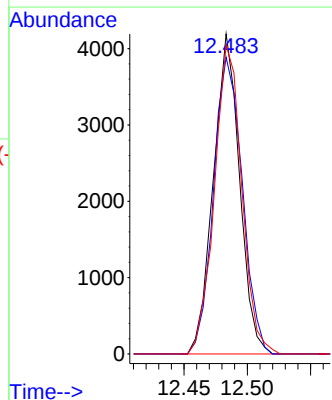
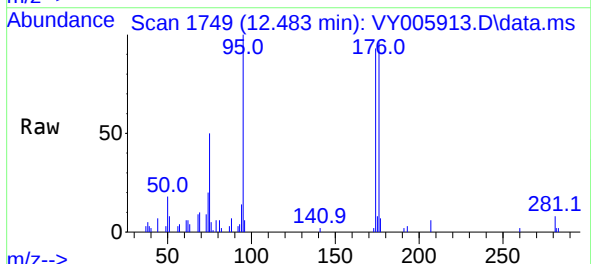
Instrument :
MSVOA_Y
ClientSampleId :
RO-124030

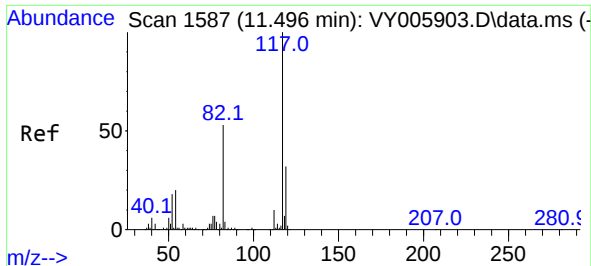
Tgt Ion: 98 Resp: 20319
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.720 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005913.D
Acq: 31 Aug 2021 15:34

Tgt Ion: 95 Resp: 6014
Ion Ratio Lower Upper
95 100
174 102.1 0.0 192.4
176 101.0 0.0 186.8

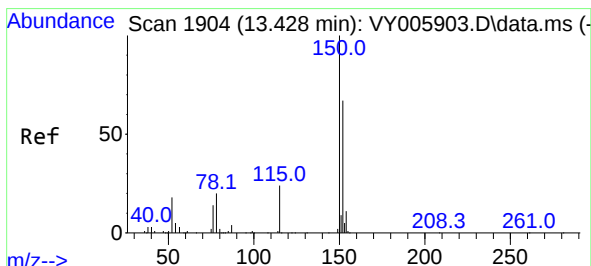
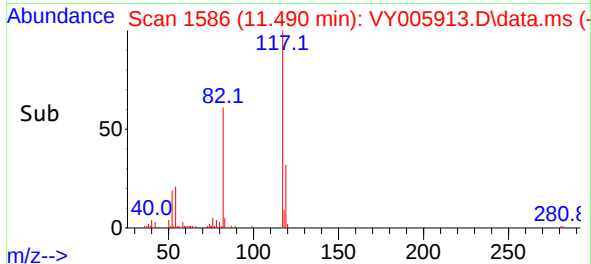
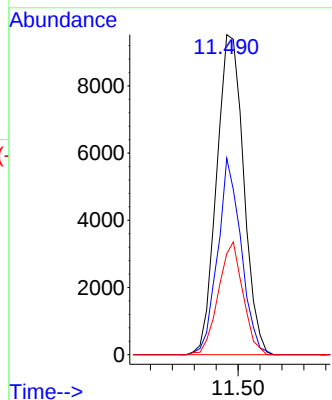
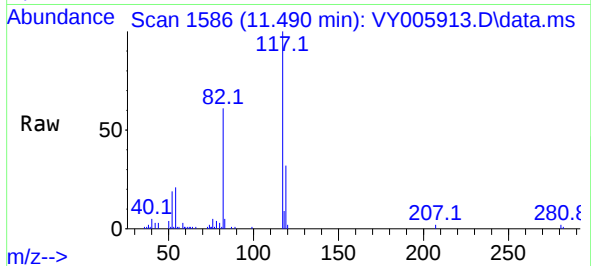




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005913.D
Acq: 31 Aug 2021 15:34

Instrument :
MSVOA_Y
ClientSampleId :
RO-124030

Tgt Ion:	117	Resp:	16315
Ion	Ratio	Lower	Upper
117	100		
82	61.4	42.4	63.6
119	31.6	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: VY005913.D
Acq: 31 Aug 2021 15:34

Tgt Ion:	152	Resp:	6505
Ion	Ratio	Lower	Upper
152	100		
115	55.0	26.8	80.4
150	153.4	0.0	345.6

