

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007912.D
 Acq On : 18 Mar 2022 19:04
 Operator : SY/MD
 Sample : N1951-02
 Misc : 6.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-27-(15-20)-3-12-22

Quant Time: Mar 19 01:38:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	12574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	23546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	20406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7720	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8680	60.544	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.080%
35) Dibromofluoromethane	7.716	113	6786	41.037	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.080%
50) Toluene-d8	10.179	98	26358	53.178	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.360%
62) 4-Bromofluorobenzene	12.483	95	9433	39.747	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.500%

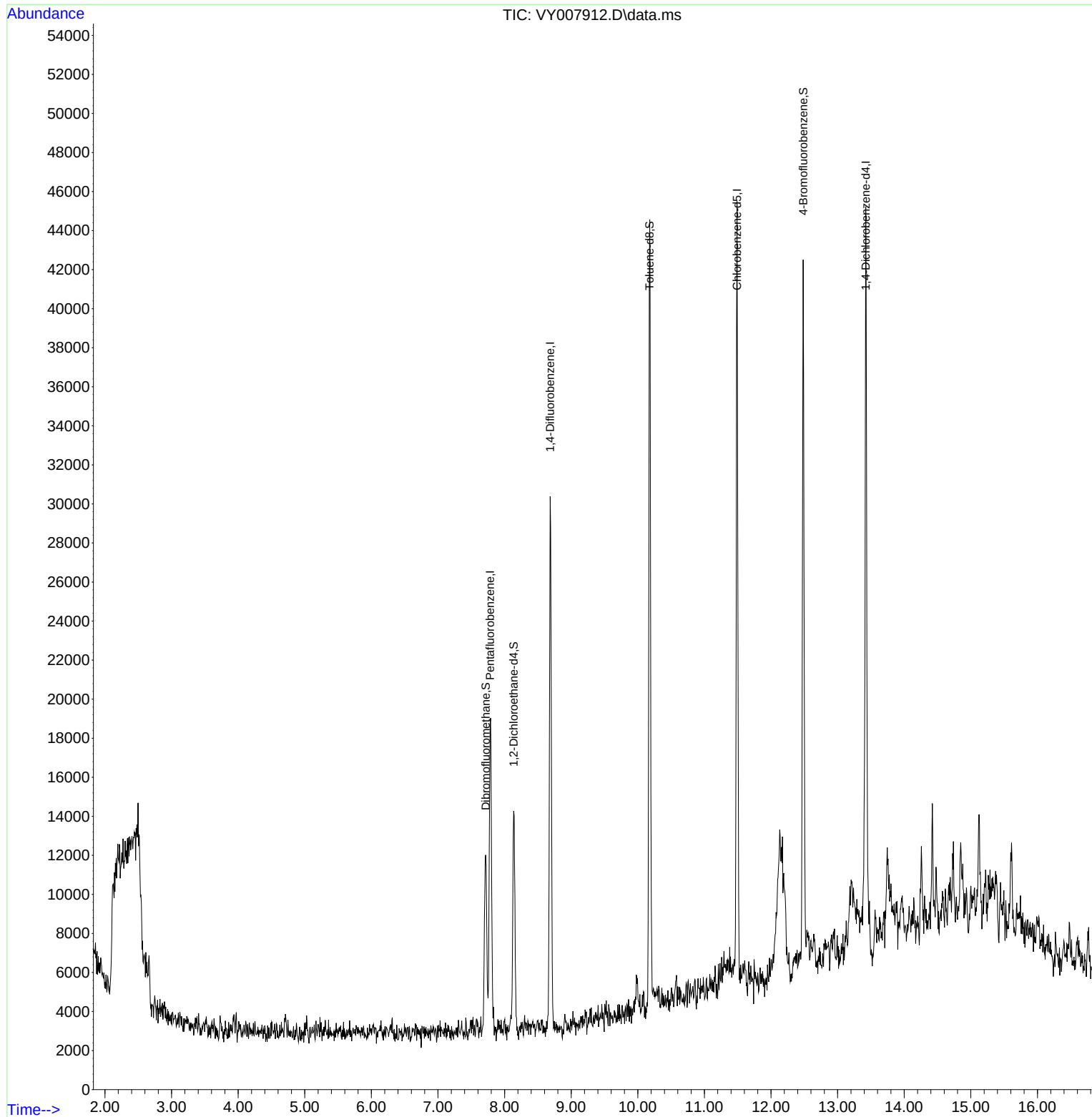
Target Compounds	Qvalue

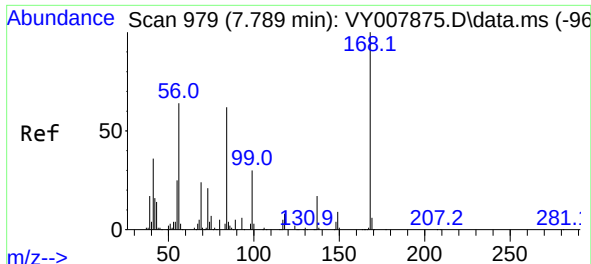
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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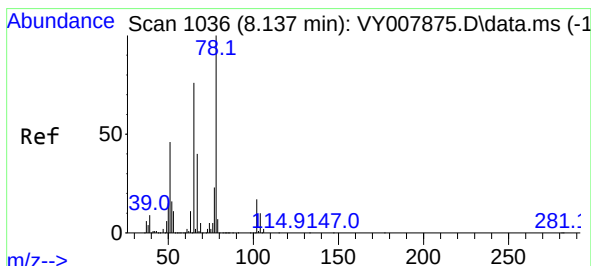
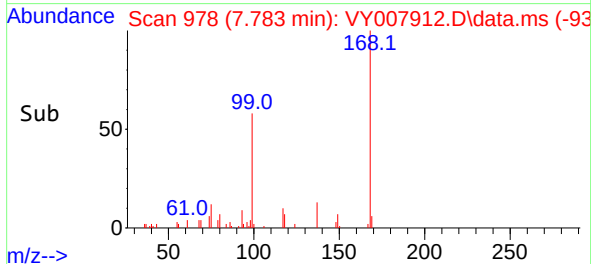
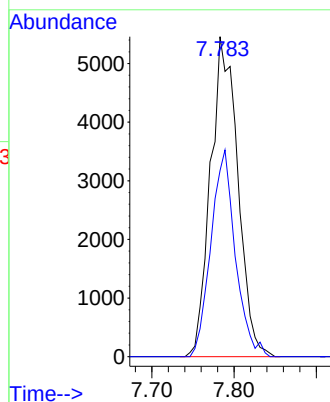
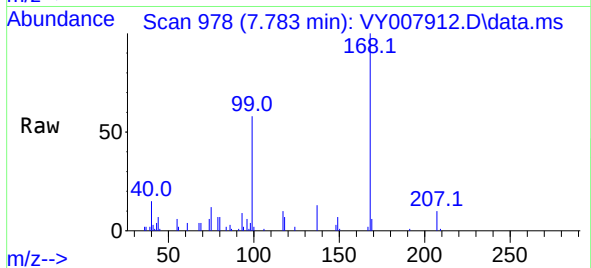




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007912.D
Acq: 18 Mar 2022 19:04

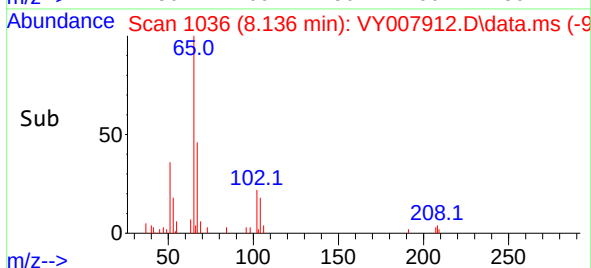
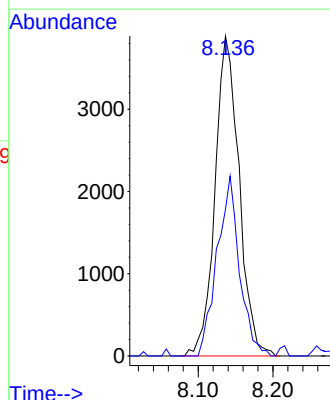
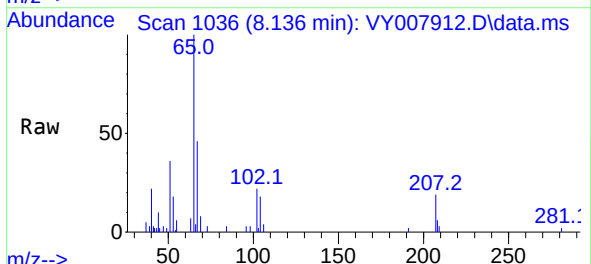
Instrument :
MSVOA_Y
ClientSampleId :
DB-27-(15-20)-3-12-22

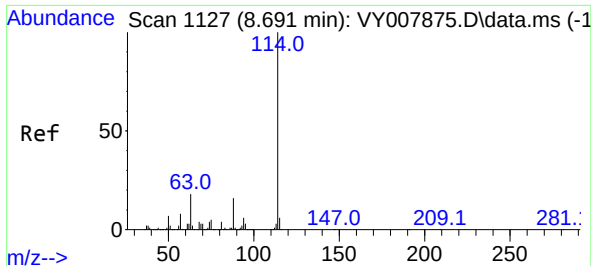
Tgt Ion:168 Resp: 12574
Ion Ratio Lower Upper
168 100
99 58.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.544 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY007912.D
Acq: 18 Mar 2022 19:04

Tgt Ion: 65 Resp: 8680
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

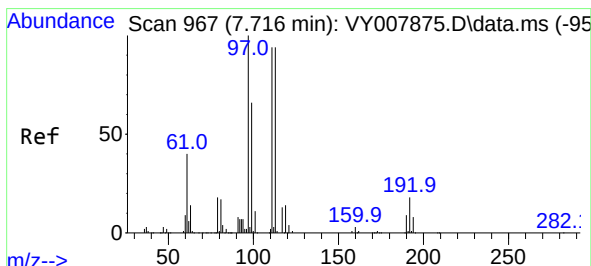
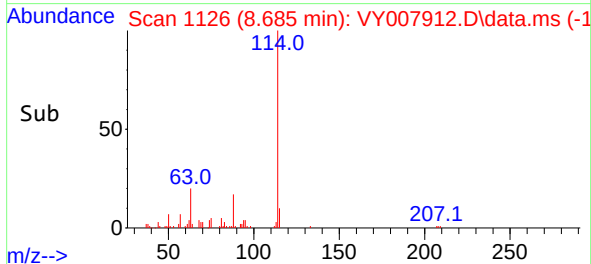
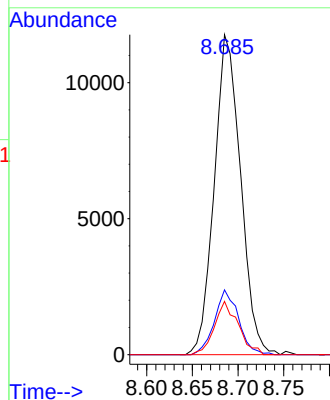
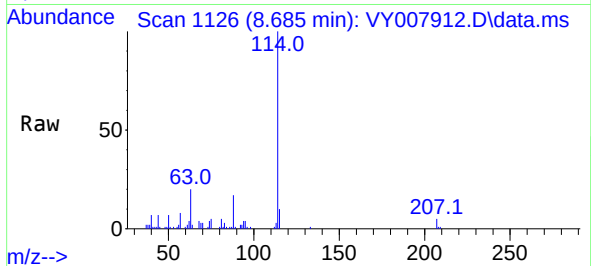




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY007912.D
Acq: 18 Mar 2022 19:04

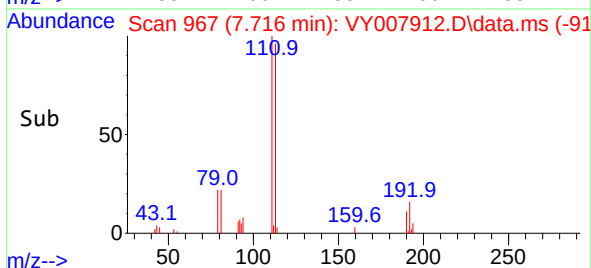
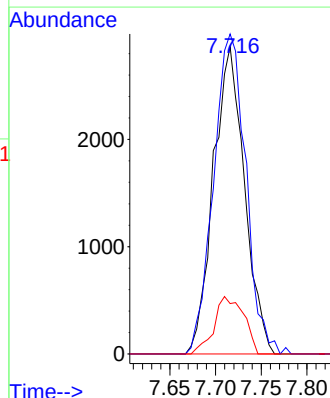
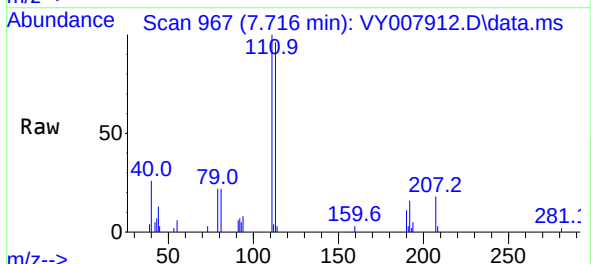
Instrument :
MSVOA_Y
ClientSampleId :
DB-27-(15-20)-3-12-22

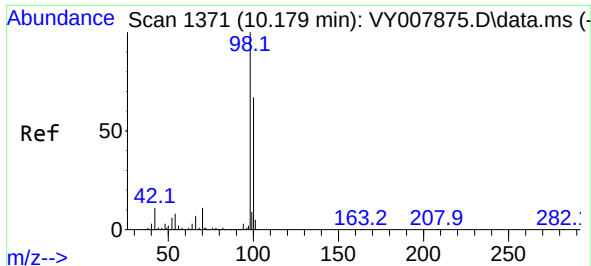
Tgt Ion:	114	Resp:	23546
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	43.2
88	16.7	0.0	31.8



#35
Dibromofluoromethane
Concen: 41.037 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007912.D
Acq: 18 Mar 2022 19:04

Tgt Ion:	113	Resp:	6786
Ion Ratio	Lower	Upper	
113	100		
111	108.1	82.6	124.0
192	17.8	17.6	26.4

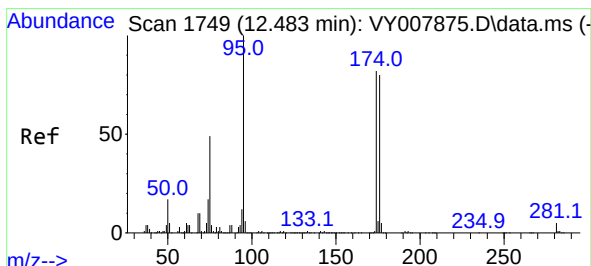
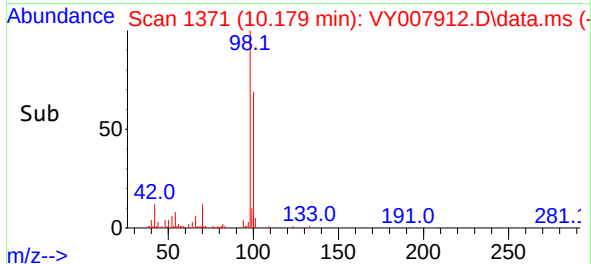
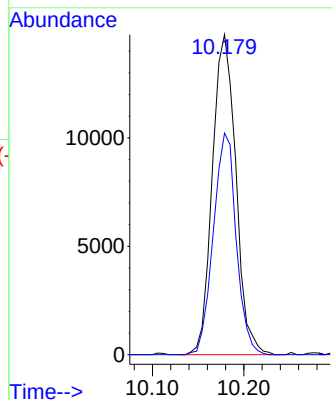
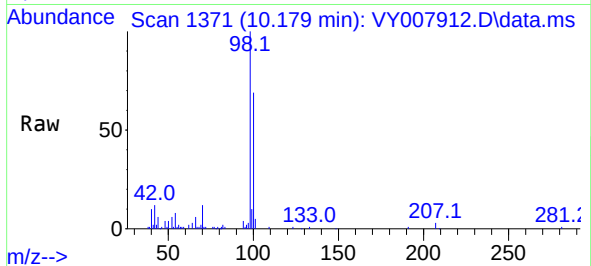




#50
Toluene-d8
Concen: 53.178 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007912.D
Acq: 18 Mar 2022 19:04

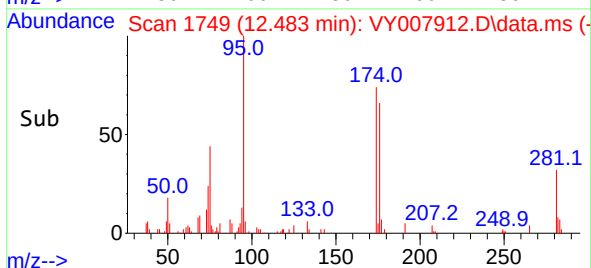
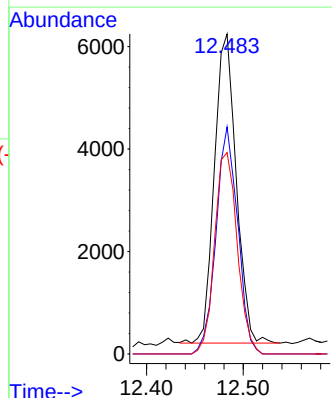
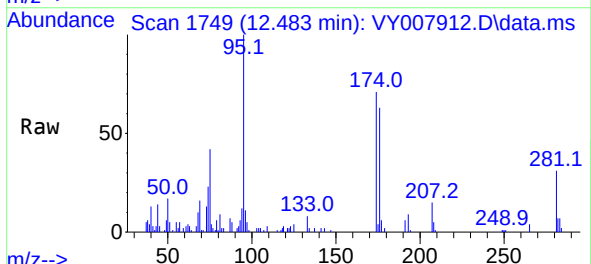
Instrument :
MSVOA_Y
ClientSampleId :
DB-27-(15-20)-3-12-22

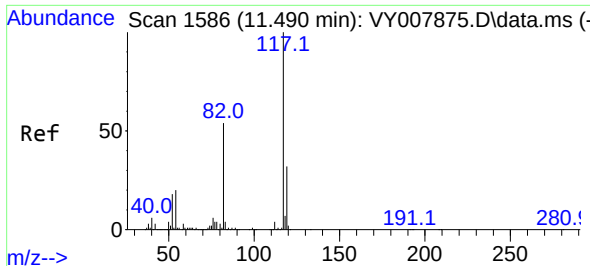
Tgt Ion: 98 Resp: 26358
Ion Ratio Lower Upper
98 100
100 67.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.747 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007912.D
Acq: 18 Mar 2022 19:04

Tgt Ion: 95 Resp: 9433
Ion Ratio Lower Upper
95 100
174 72.9 0.0 177.0
176 67.8 0.0 175.8

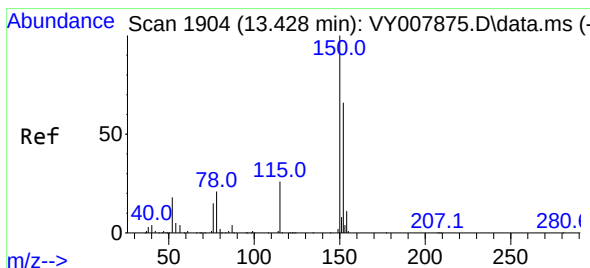
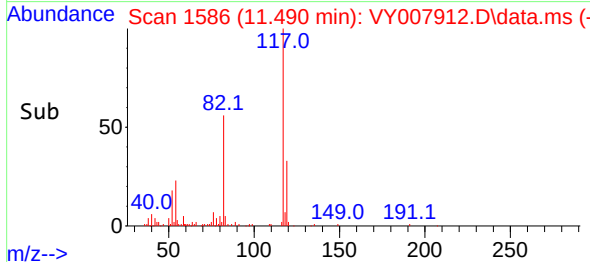
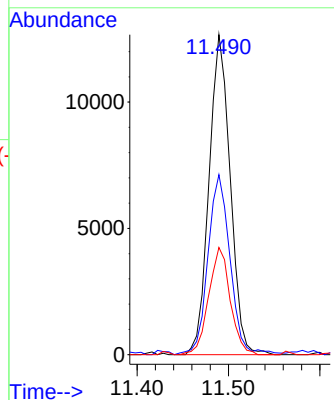
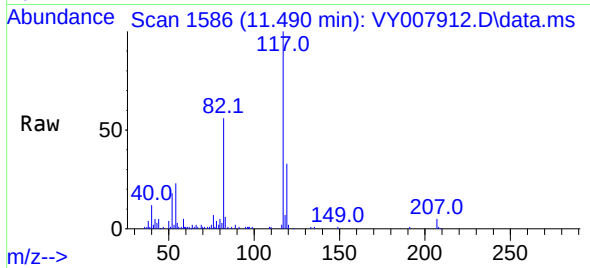




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007912.D
Acq: 18 Mar 2022 19:04

Instrument :
MSVOA_Y
ClientSampleId :
DB-27-(15-20)-3-12-22

Tgt Ion:117	Resp:	20406
Ion Ratio	Lower	Upper
117	100	
82	55.8	43.0 64.4
119	33.5	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY007912.D
Acq: 18 Mar 2022 19:04

Tgt Ion:152	Resp:	7720
Ion Ratio	Lower	Upper
152	100	
115	62.6	28.2 84.7
150	152.4	0.0 347.6

