

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007915.D
 Acq On : 18 Mar 2022 20:15
 Operator : SY/MD
 Sample : N1951-10
 Misc : 7.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-8-(30-35)-3-12-22

Quant Time: Mar 19 01:39:22 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	7.789	168	40121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	66719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	56625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22168	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	21291	46.542	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.080%
35) Dibromofluoromethane	7.716	113	19572	41.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.540%
50) Toluene-d8	10.179	98	78210	55.990	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.980%
62) 4-Bromofluorobenzene	12.477	95	25823	38.400	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.800%

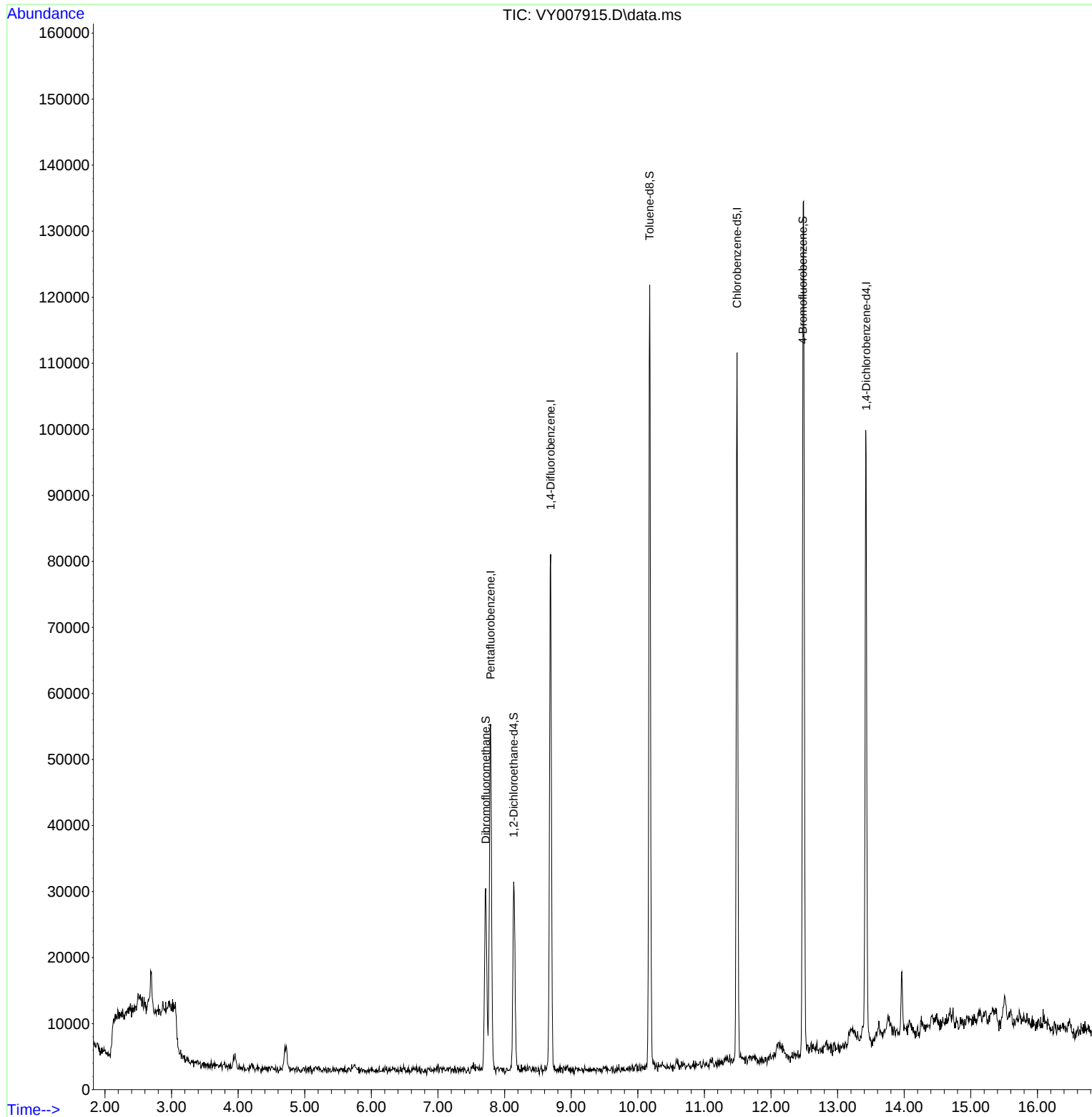
Target Compounds	Qvalue

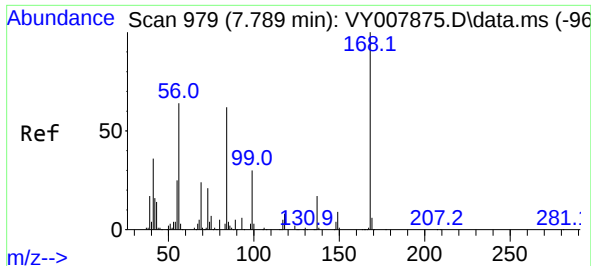
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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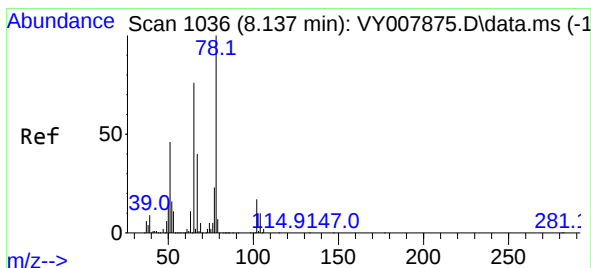
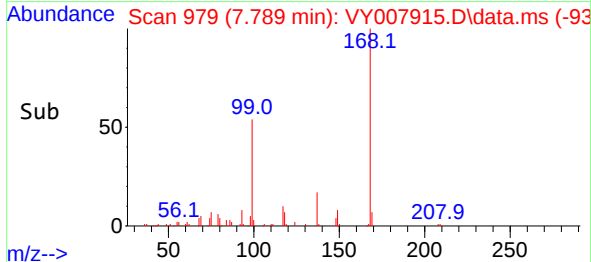
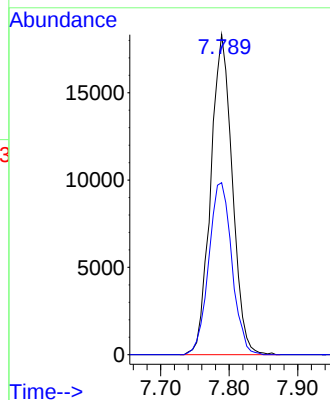
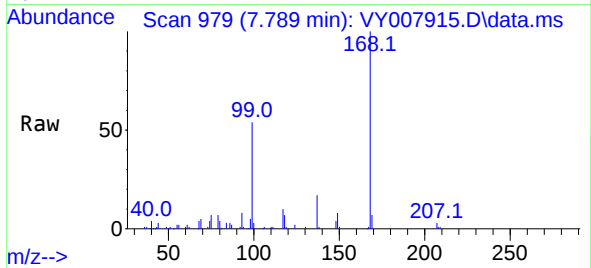




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007915.D
Acq: 18 Mar 2022 20:15

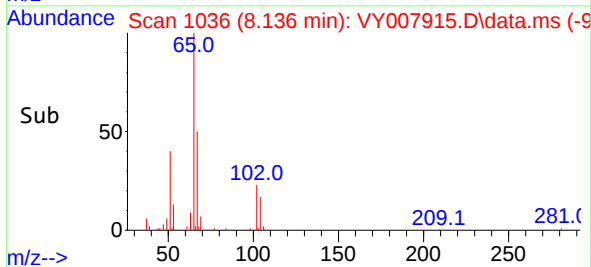
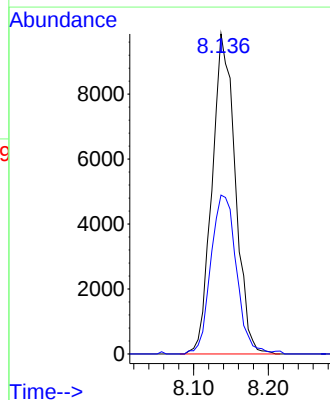
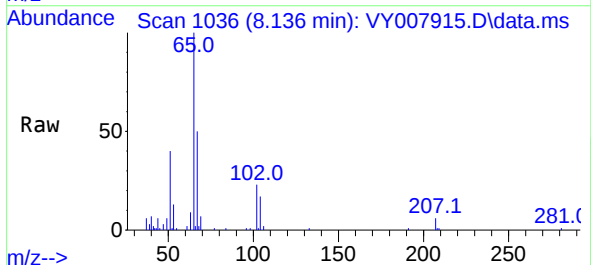
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22

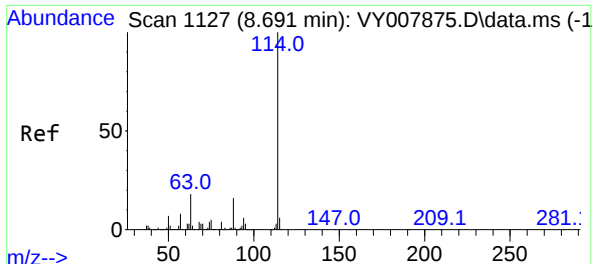
Tgt Ion:168 Resp: 40121
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.542 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY007915.D
Acq: 18 Mar 2022 20:15

Tgt Ion: 65 Resp: 21291
Ion Ratio Lower Upper
65 100
67 54.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007915.D

Acq: 18 Mar 2022 20:15

Instrument :

MSVOA_Y

ClientSampleId :

DB-8-(30-35)-3-12-22

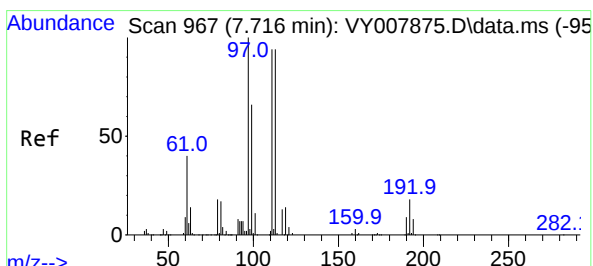
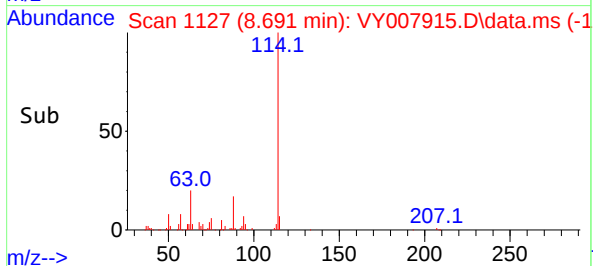
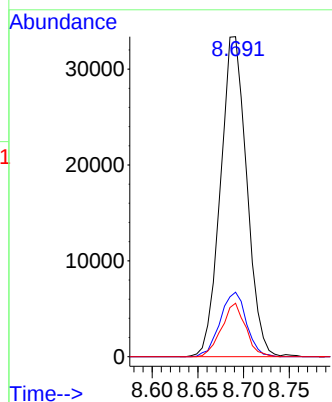
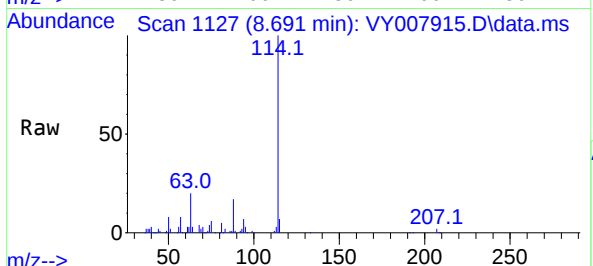
Tgt Ion:114 Resp: 66719

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 16.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.770 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007915.D

Acq: 18 Mar 2022 20:15

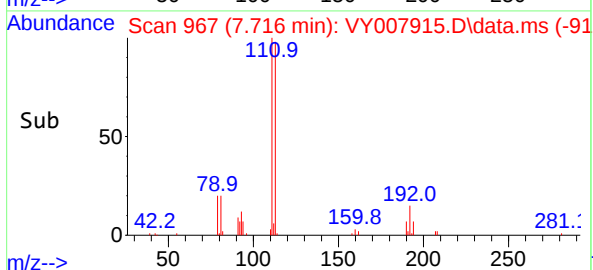
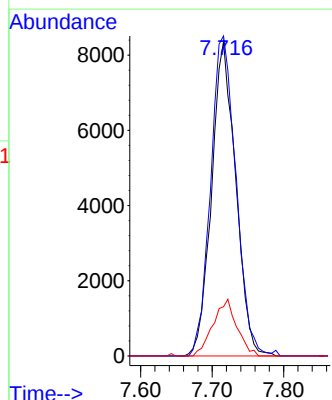
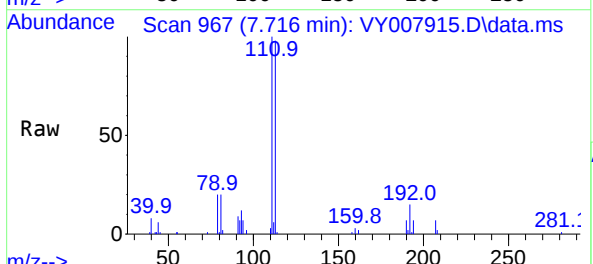
Tgt Ion:113 Resp: 19572

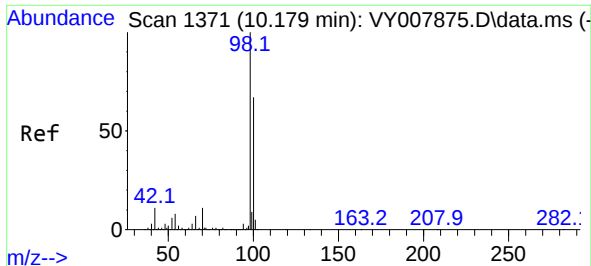
Ion Ratio Lower Upper

113 100

111 107.2 82.6 124.0

192 17.8 17.6 26.4

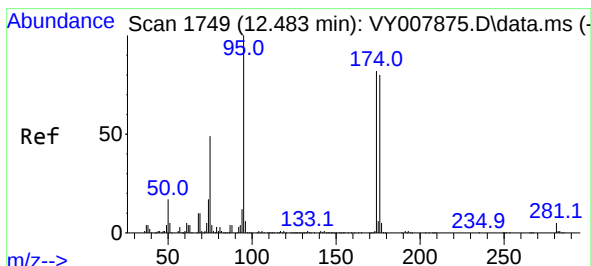
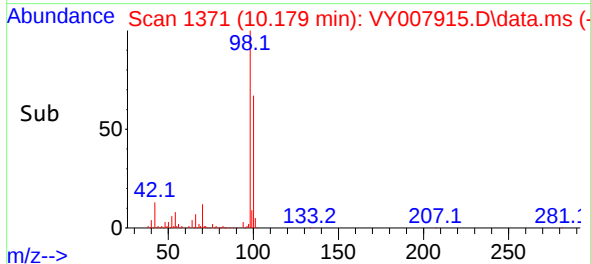
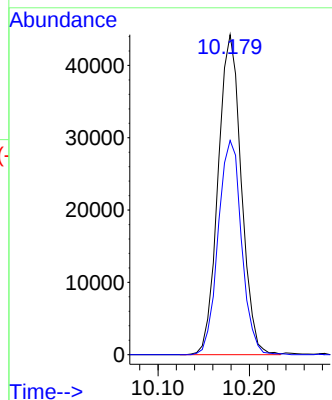
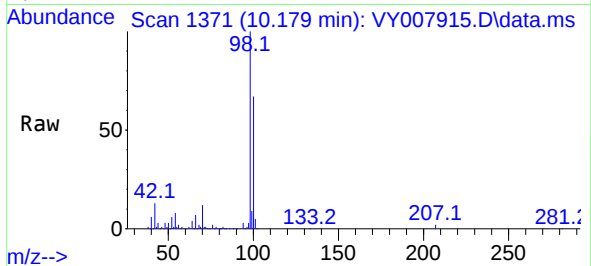




#50
Toluene-d8
Concen: 55.990 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007915.D
Acq: 18 Mar 2022 20:15

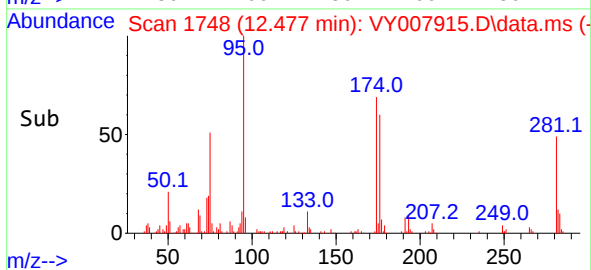
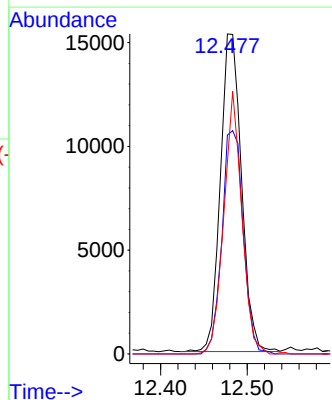
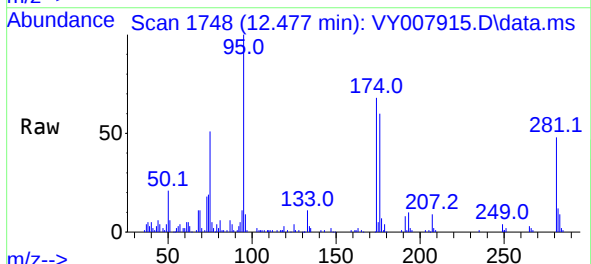
Instrument :
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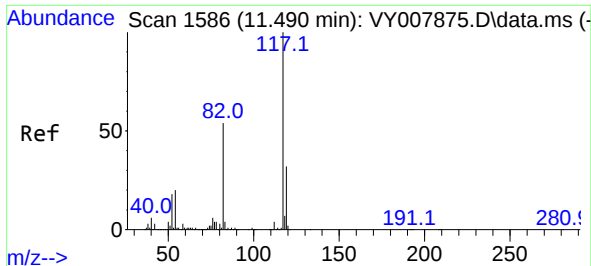
Tgt Ion: 98 Resp: 78210
Ion Ratio Lower Upper
98 100
100 67.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.400 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007915.D
Acq: 18 Mar 2022 20:15

Tgt Ion: 95 Resp: 25823
Ion Ratio Lower Upper
95 100
174 71.4 0.0 177.0
176 70.9 0.0 175.8

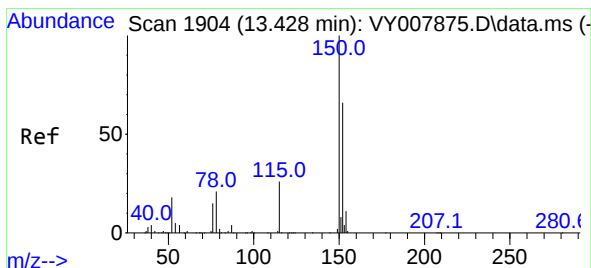
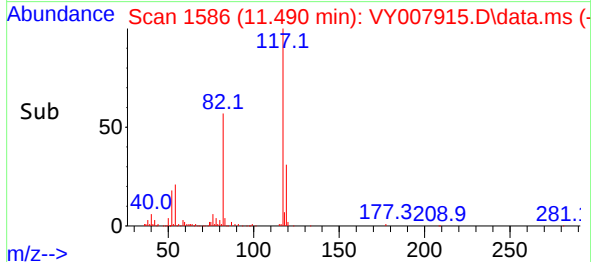
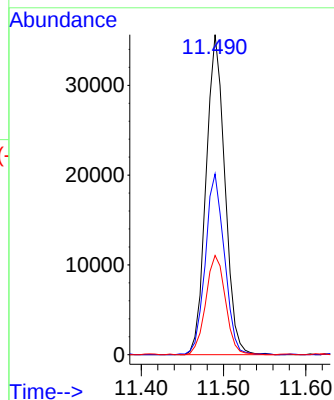
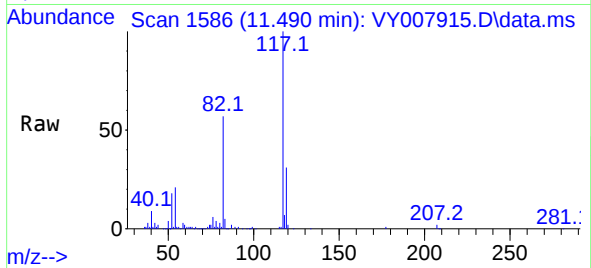




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007915.D
Acq: 18 Mar 2022 20:15

Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22

Tgt Ion:117	Resp:	56625
Ion Ratio	Lower	Upper
117	100	
82	56.5	43.0 64.4
119	31.0	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: VY007915.D
Acq: 18 Mar 2022 20:15

Tgt Ion:152	Resp:	22168
Ion Ratio	Lower	Upper
152	100	
115	63.6	28.2 84.7
150	159.1	0.0 347.6

