

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007637.D
 Acq On : 25 Feb 2022 15:24
 Operator : SY/MD
 Sample : N1664-04
 Misc : 3.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Feb 27 23:57:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	69141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	115347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	115454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58252	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	38447	49.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.980%
35) Dibromofluoromethane	7.716	113	36783	50.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.080%
50) Toluene-d8	10.179	98	136022	50.474	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.483	95	48946	53.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.360%

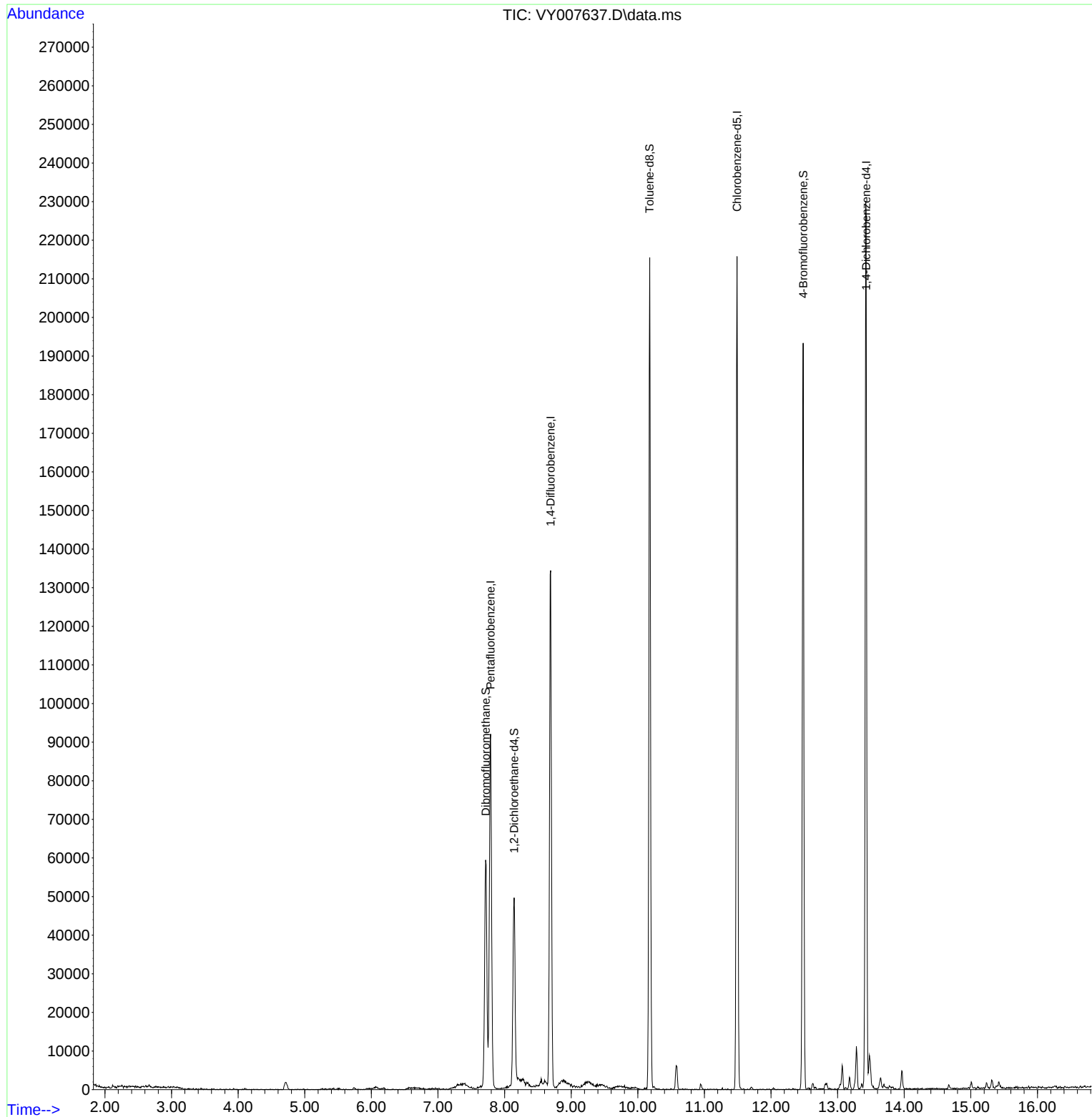
Target Compounds	Qvalue

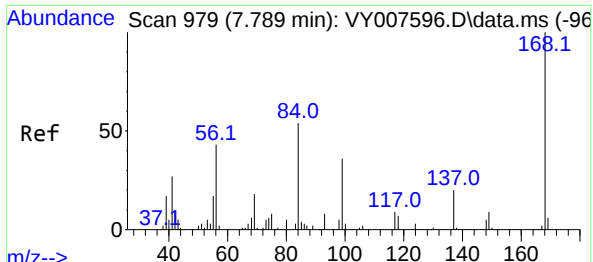
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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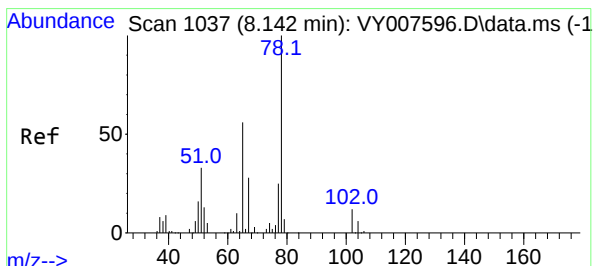
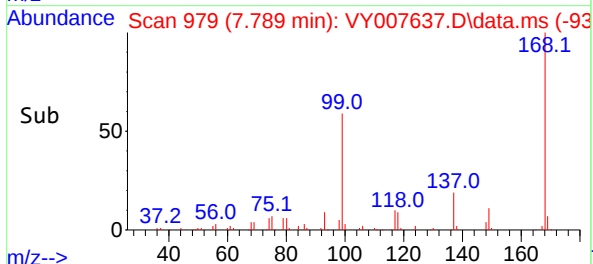
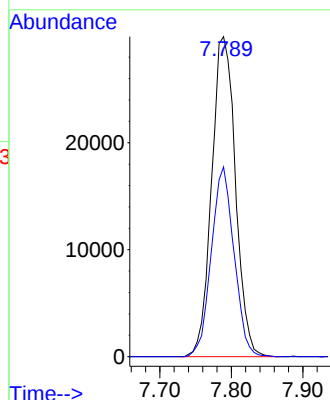
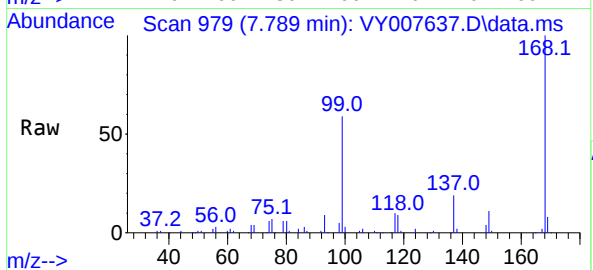




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

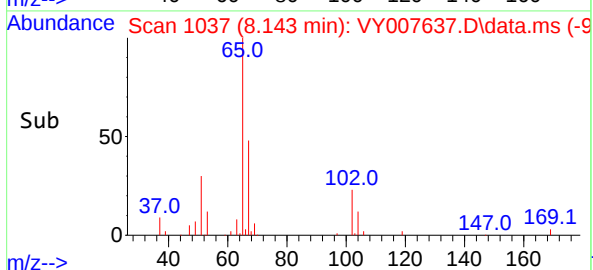
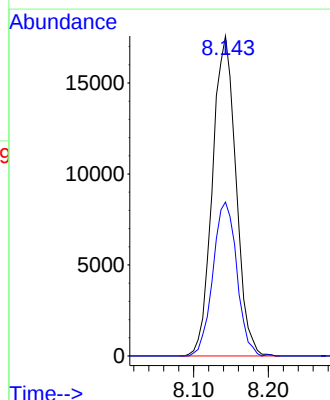
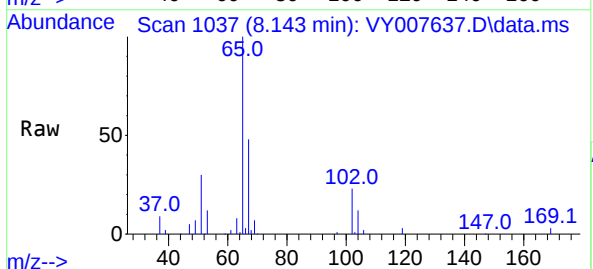
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

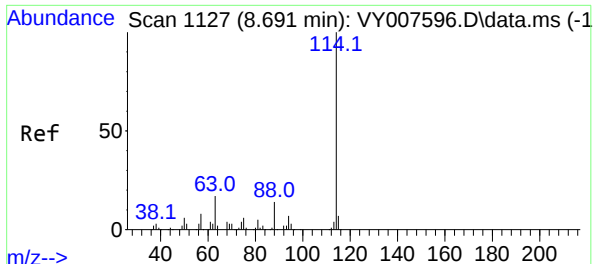
Tgt Ion:168 Resp: 69141
Ion Ratio Lower Upper
168 100
99 59.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.985 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

Tgt Ion: 65 Resp: 38447
Ion Ratio Lower Upper
65 100
67 48.9 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: VY007637.D

Acq: 25 Feb 2022 15:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

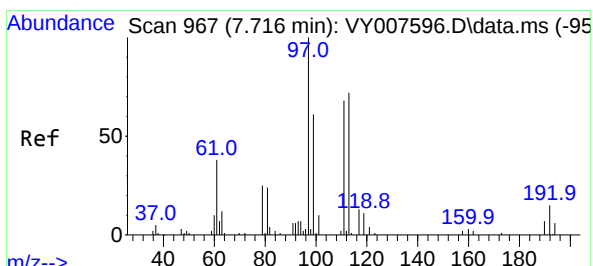
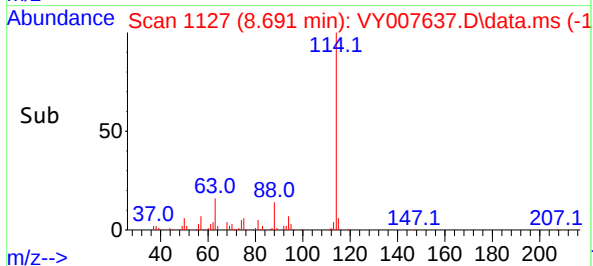
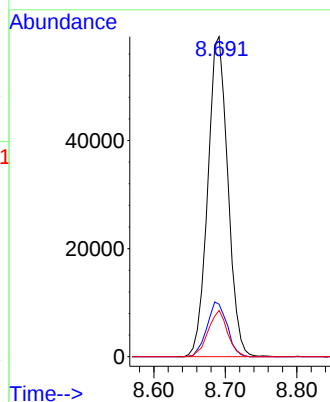
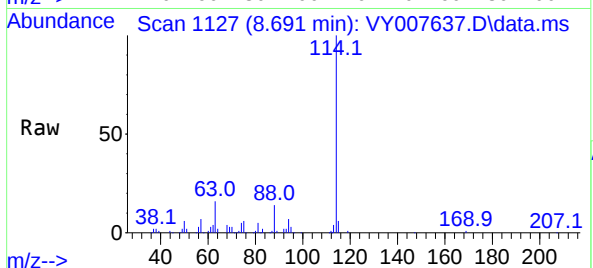
Tgt Ion:114 Resp: 115347

Ion Ratio Lower Upper

114 100

63 16.4 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.538 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007637.D

Acq: 25 Feb 2022 15:24

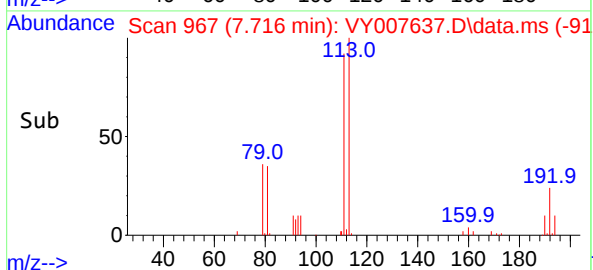
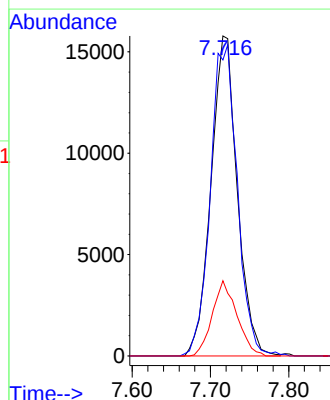
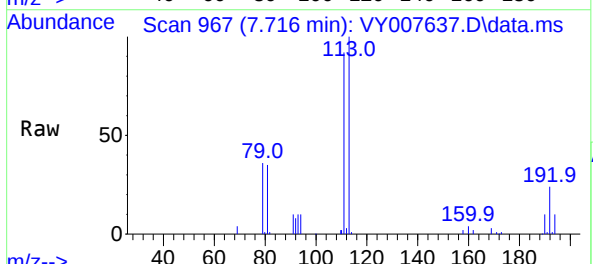
Tgt Ion:113 Resp: 36783

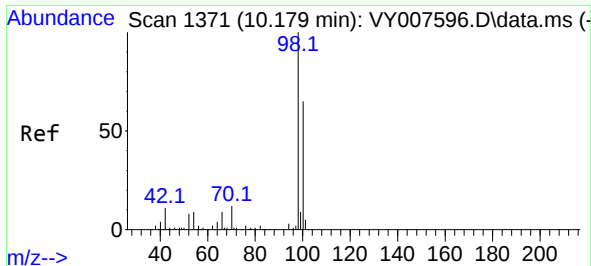
Ion Ratio Lower Upper

113 100

111 99.6 82.6 124.0

192 22.0 17.6 26.4

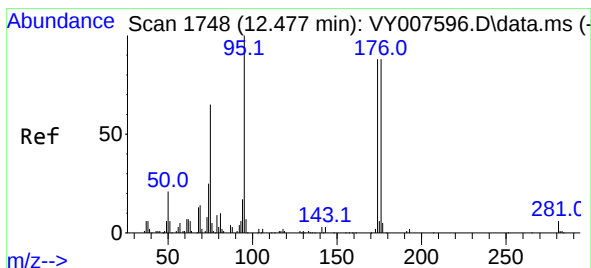
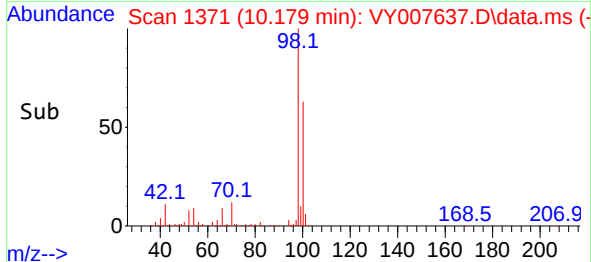
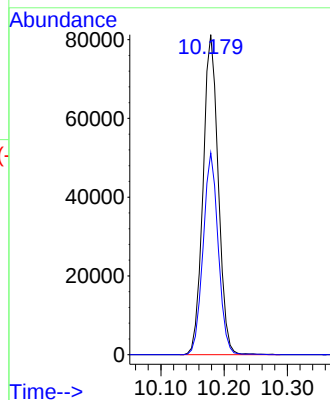
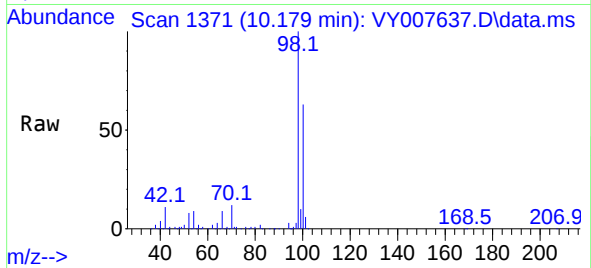




#50
Toluene-d8
Concen: 50.474 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

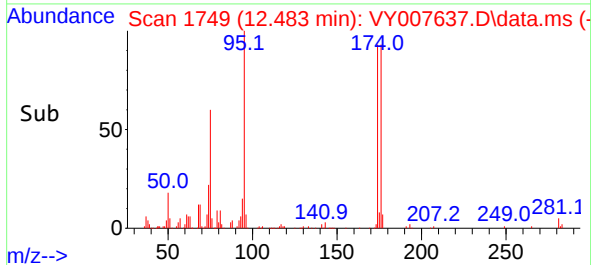
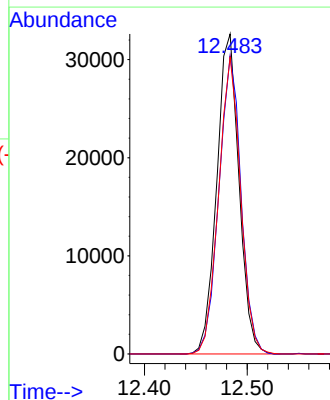
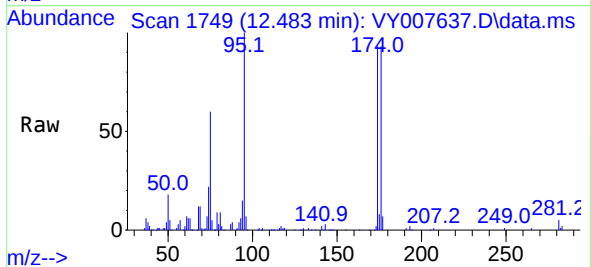
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

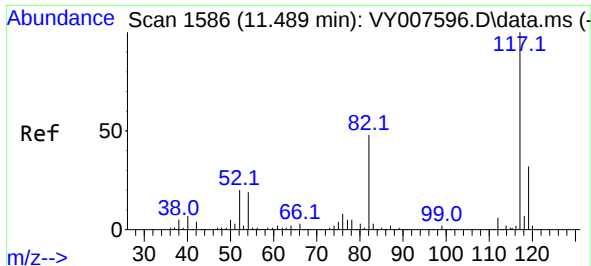
Tgt Ion: 98 Resp: 136022
Ion Ratio Lower Upper
98 100
100 62.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.185 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

Tgt Ion: 95 Resp: 48946
Ion Ratio Lower Upper
95 100
174 92.7 0.0 177.0
176 91.7 0.0 175.8

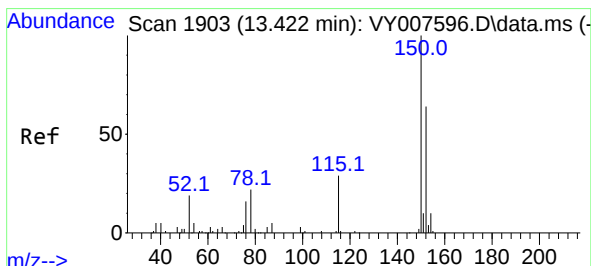
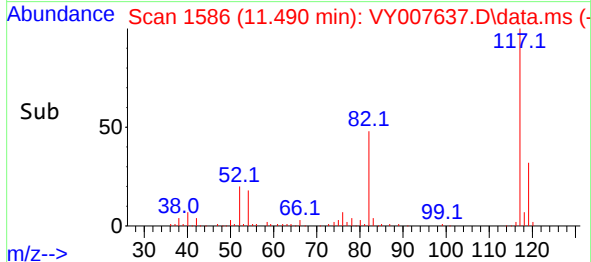
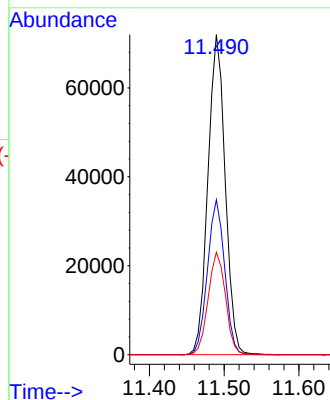
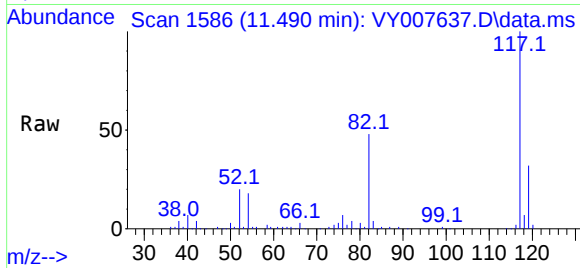




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 115454
Ion Ratio Lower Upper
117 100
82 48.4 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

Tgt Ion:152 Resp: 58252
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 153.6 0.0 347.6

