

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016355.D
 Acq On : 15 Nov 2023 09:42
 Operator : SY/MD
 Sample : VY1115SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBL01

Quant Time: Nov 16 00:00:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	98843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	177714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	171912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	74866	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	60773	67.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.540%
35) Dibromofluoromethane	7.734	113	56840	56.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.600%
50) Toluene-d8	10.197	98	209802	51.248	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.496	95	71438	53.728	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.460%

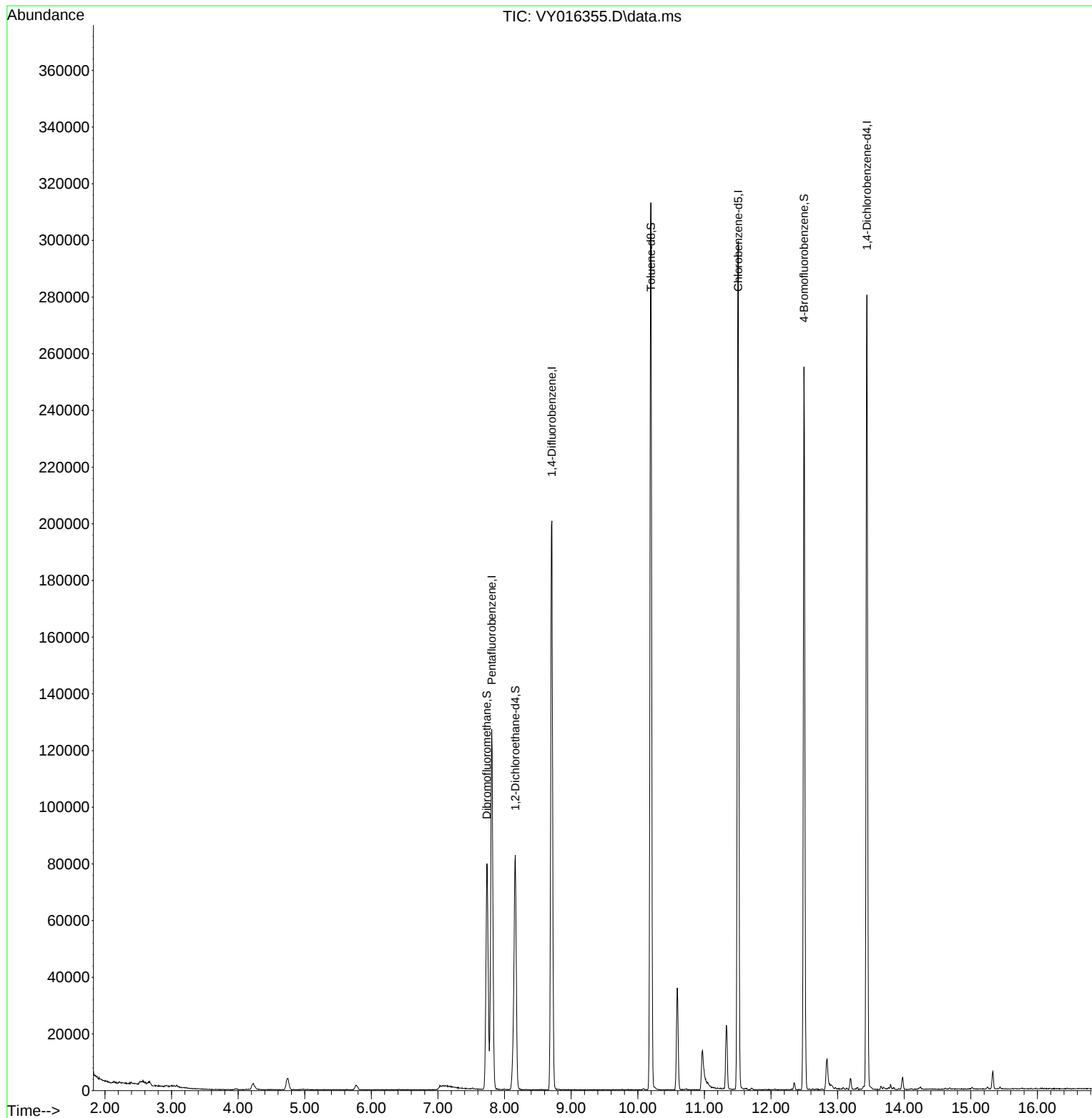
Target Compounds	Qvalue

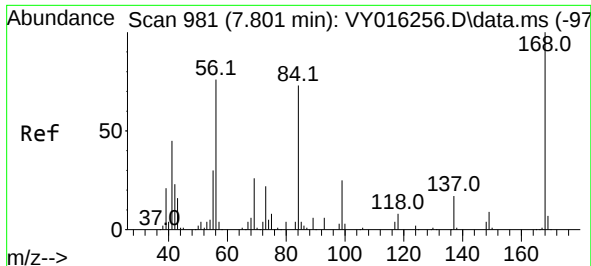
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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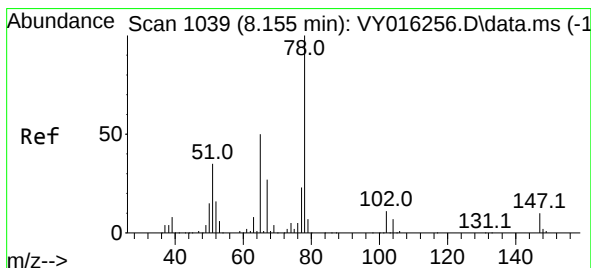
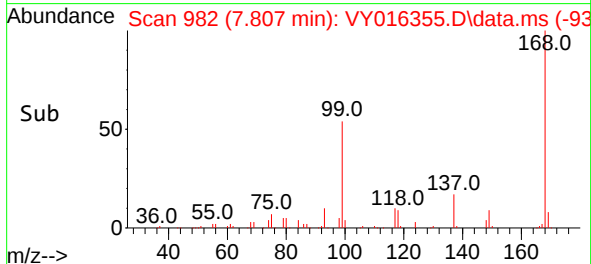
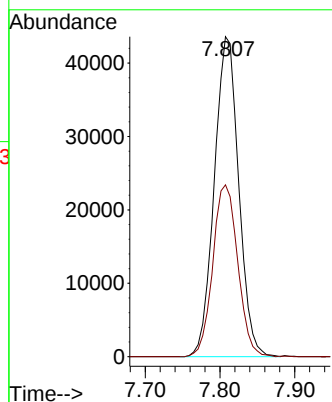
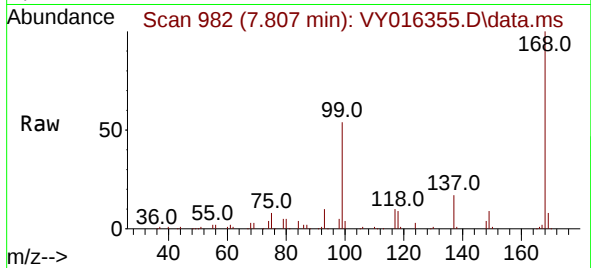




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

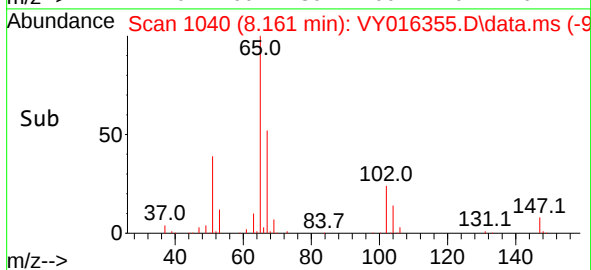
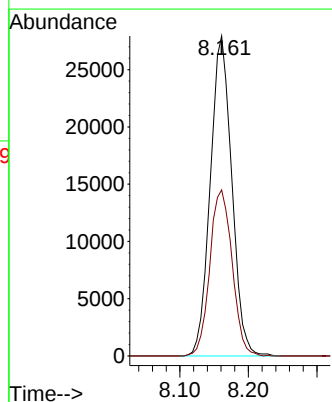
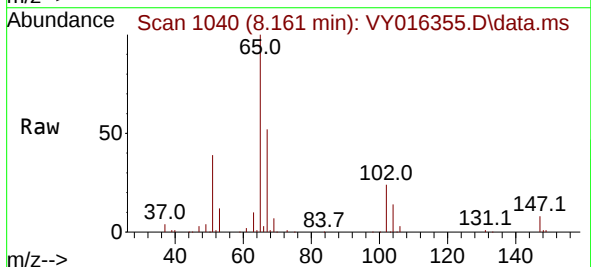
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

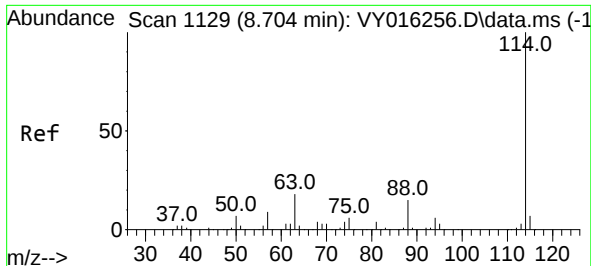
Tgt Ion:168 Resp: 98843
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 67.272 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

Tgt Ion: 65 Resp: 60773
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016355.D

Acq: 15 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBL01

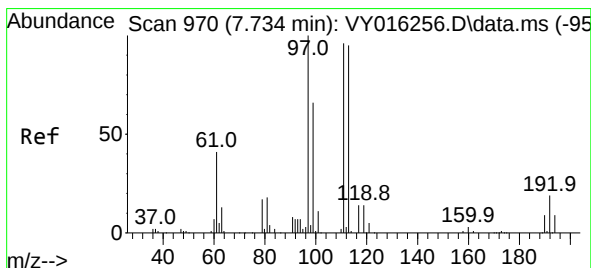
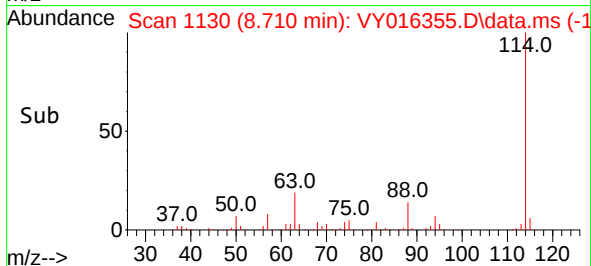
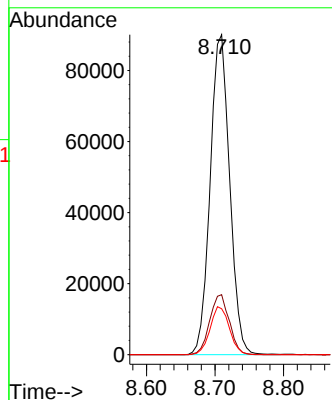
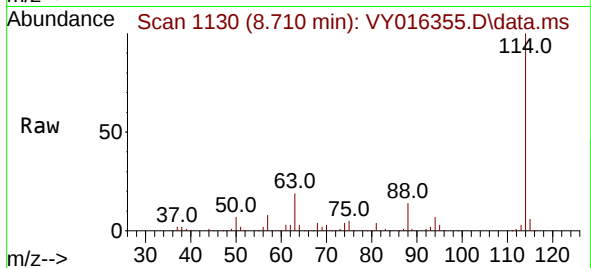
Tgt Ion:114 Resp: 177714

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.304 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY016355.D

Acq: 15 Nov 2023 09:42

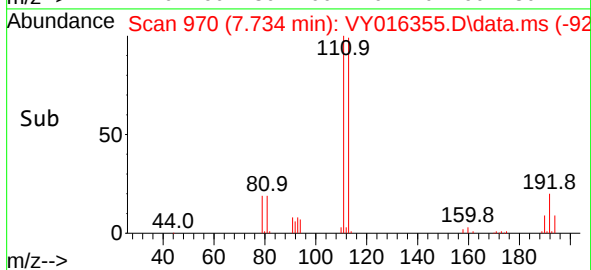
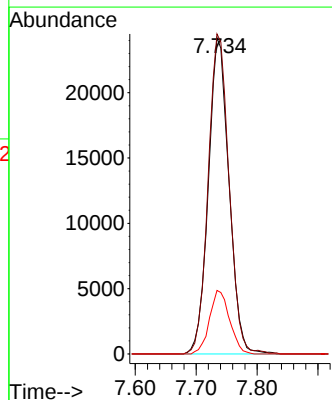
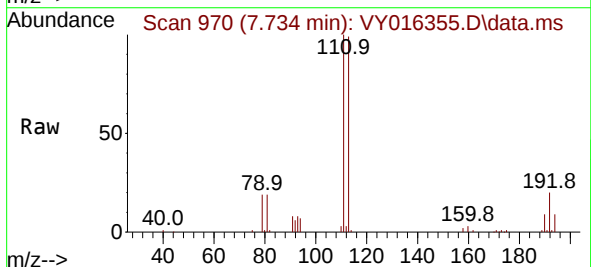
Tgt Ion:113 Resp: 56840

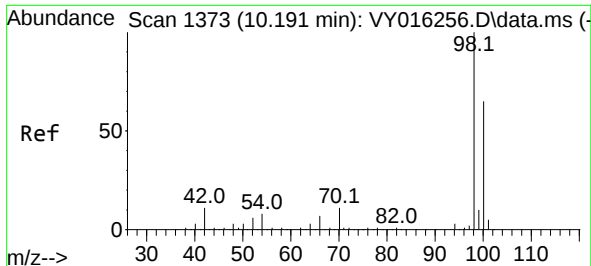
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 19.6 16.9 25.3

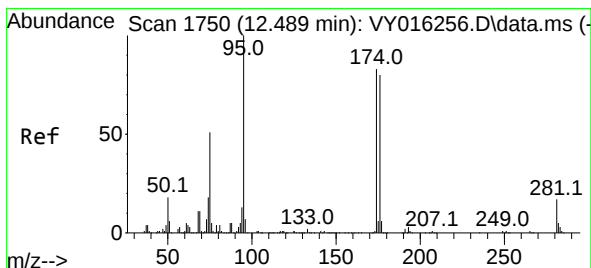
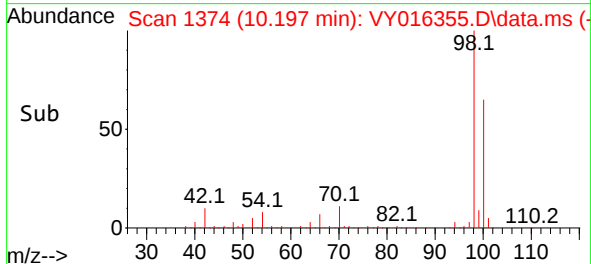
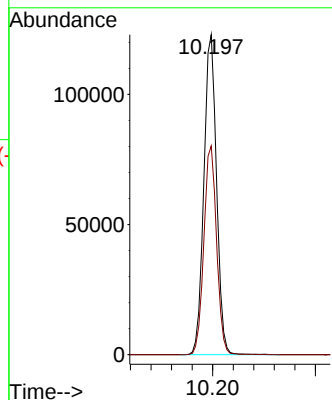
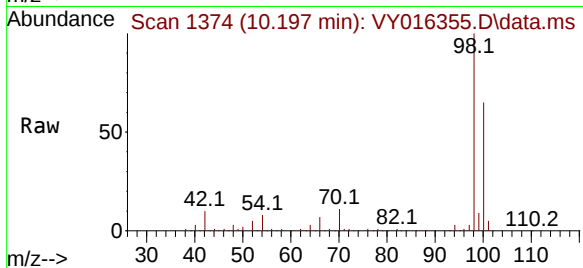




#50
Toluene-d8
Concen: 51.248 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

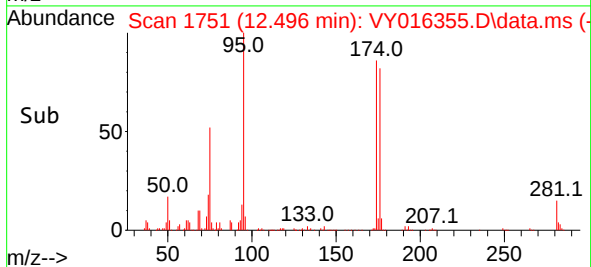
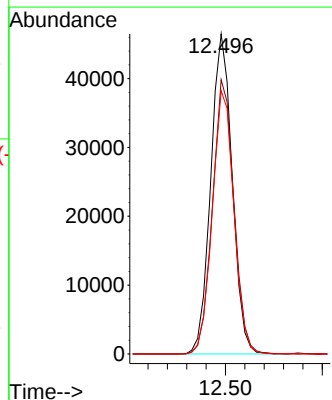
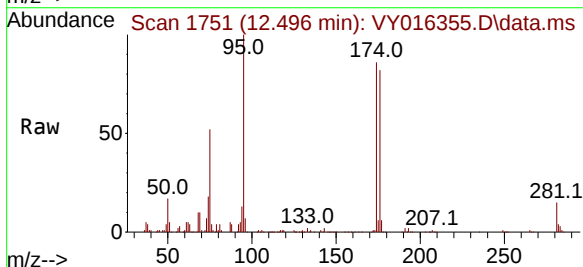
Instrument :
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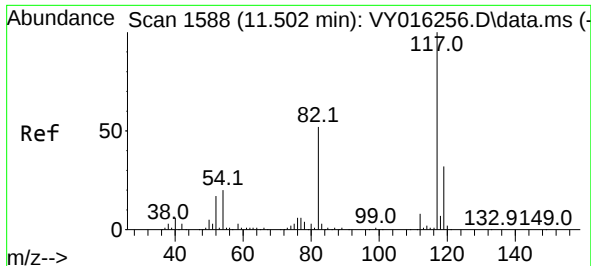
Tgt Ion: 98 Resp: 209802
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.728 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

Tgt Ion: 95 Resp: 71438
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.9 0.0 173.8

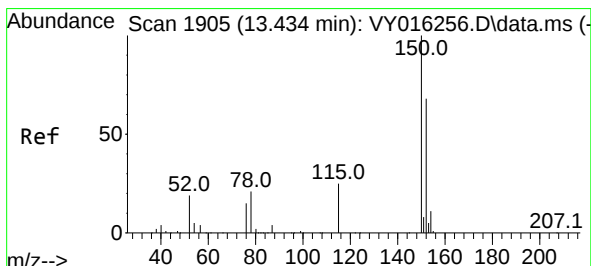
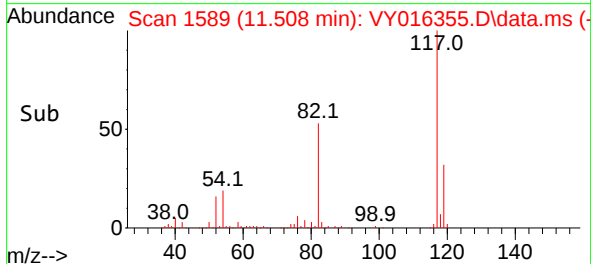
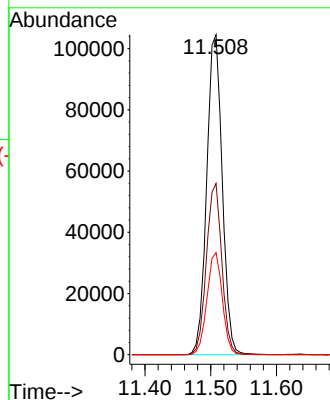
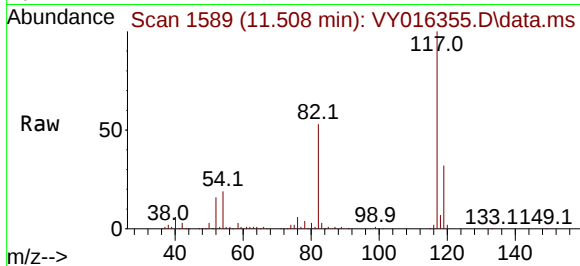




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBL01

Tgt Ion:117 Resp: 171912
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.441 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

Tgt Ion:152 Resp: 74866
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 156.6 0.0 348.8

