

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016349.D
 Acq On : 14 Nov 2023 15:18
 Operator : SY/MD
 Sample : 05384-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-11102023RE

Quant Time: Nov 15 05:28:56 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	7.795	168	1588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	2552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	2766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	737	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	1139	78.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.960%
35) Dibromofluoromethane	7.728	113	571	39.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.780%
50) Toluene-d8	10.191	98	3143	53.463	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.920%
62) 4-Bromofluorobenzene	12.489	95	825	43.208	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.420%

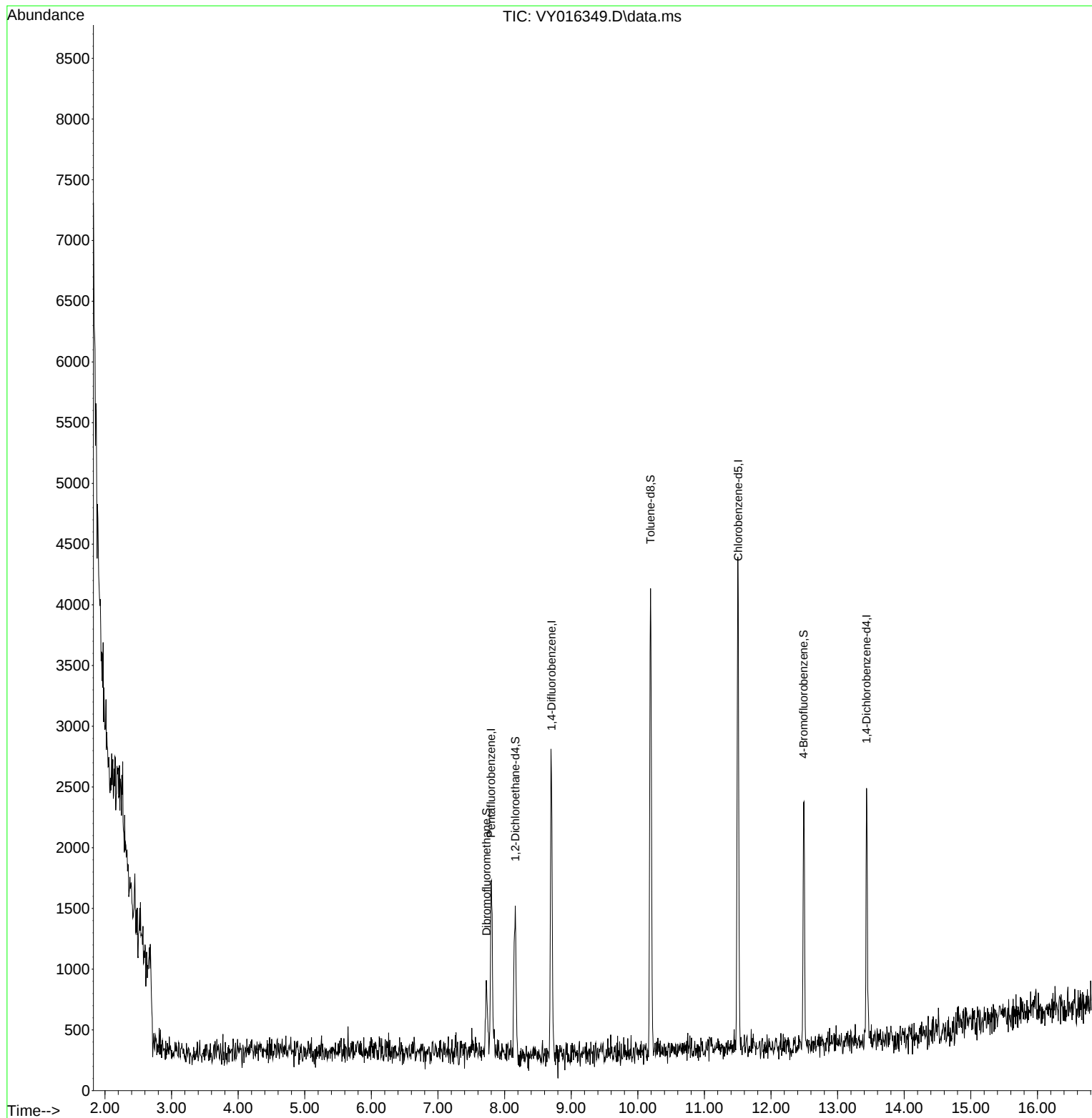
Target Compounds	Qvalue

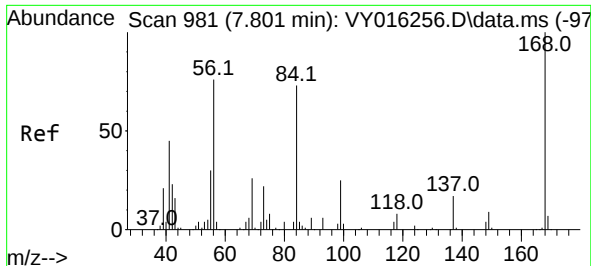
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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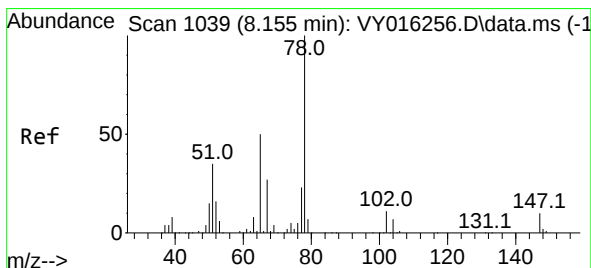
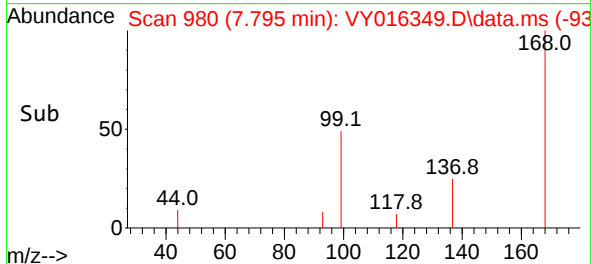
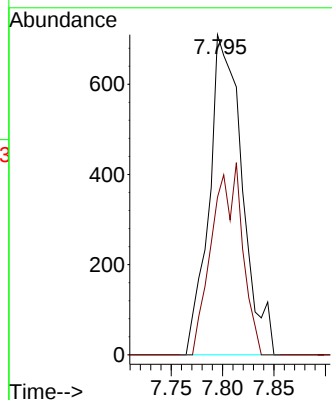
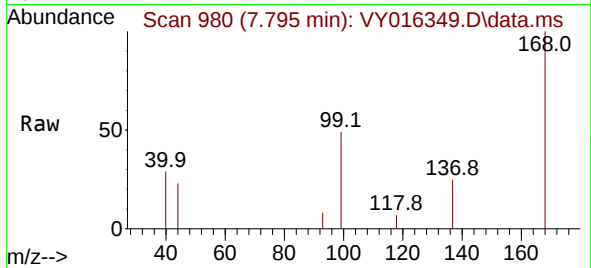




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016349.D
Acq: 14 Nov 2023 15:18

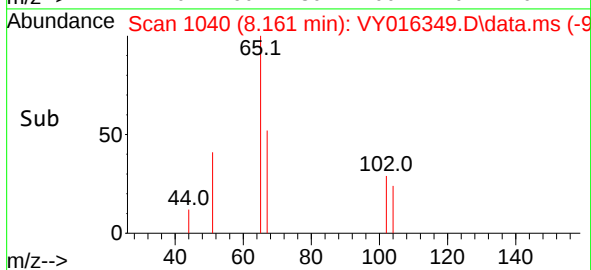
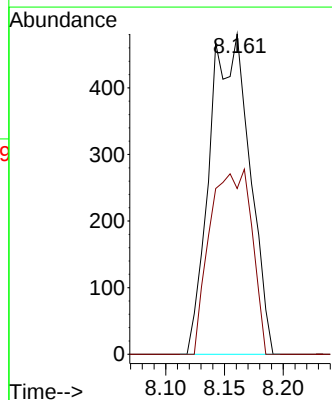
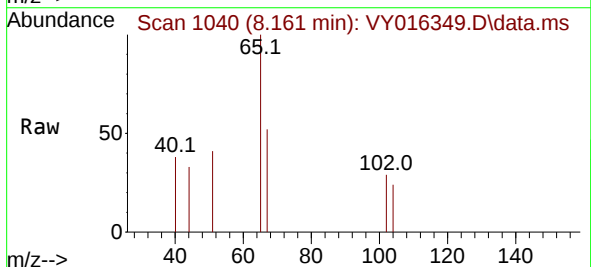
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-11102023RE

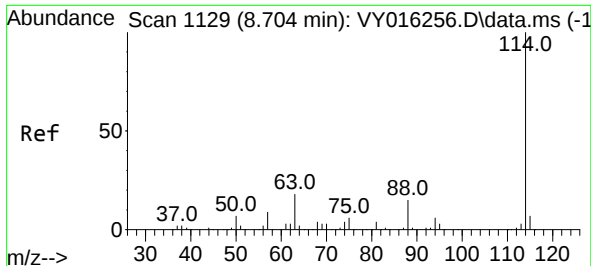
Tgt Ion:168 Resp: 1588
Ion Ratio Lower Upper
168 100
99 49.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 78.478 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016349.D
Acq: 14 Nov 2023 15:18

Tgt Ion: 65 Resp: 1139
Ion Ratio Lower Upper
65 100
67 60.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016349.D

Acq: 14 Nov 2023 15:18

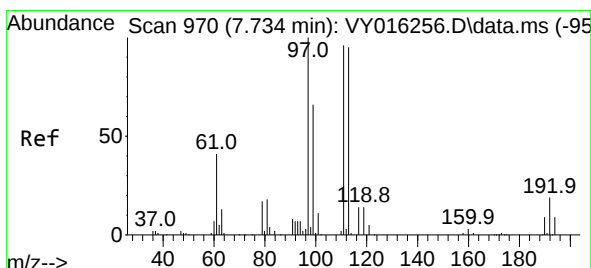
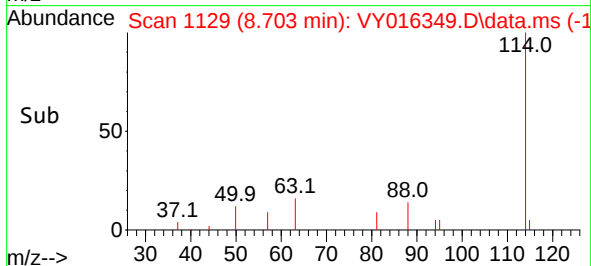
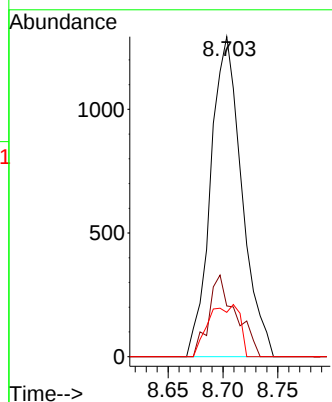
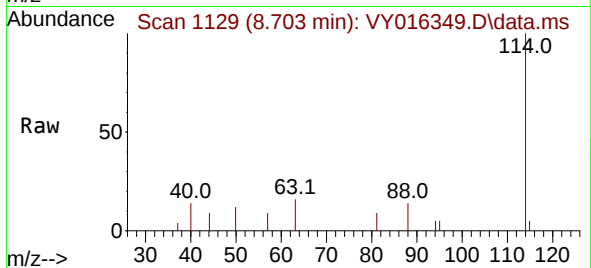
Instrument :

MSVOA_Y

ClientSampleId :

EO-02-11102023RE

Tgt Ion:114	Resp:	2552
Ion	Ratio	Lower Upper
114	100	
63	15.8	0.0 42.4
88	13.8	0.0 30.6



#35

Dibromofluoromethane

Concen: 39.388 ug/l

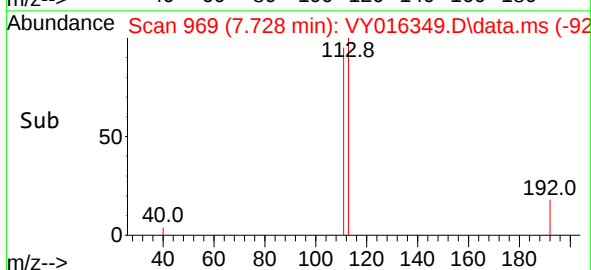
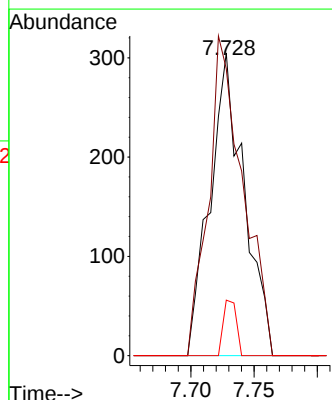
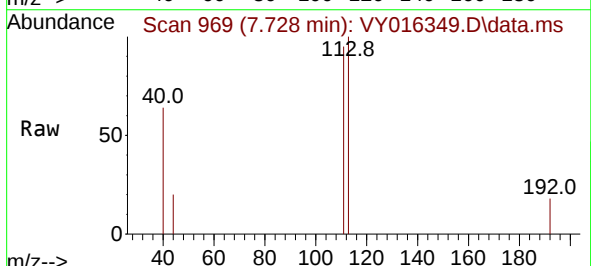
RT: 7.728 min Scan# 969

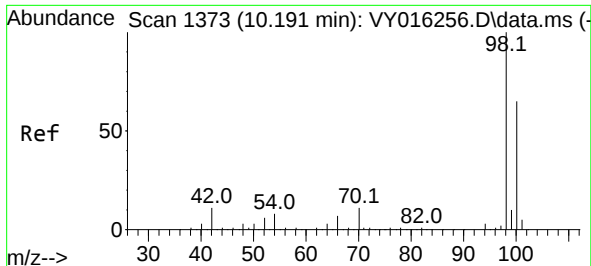
Delta R.T. -0.006 min

Lab File: VY016349.D

Acq: 14 Nov 2023 15:18

Tgt Ion:113	Resp:	571
Ion	Ratio	Lower Upper
113	100	
111	106.3	81.3 121.9
192	7.0	16.9 25.3

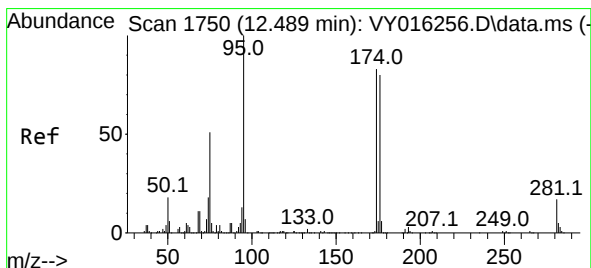
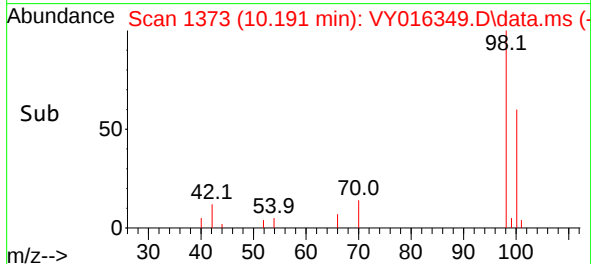
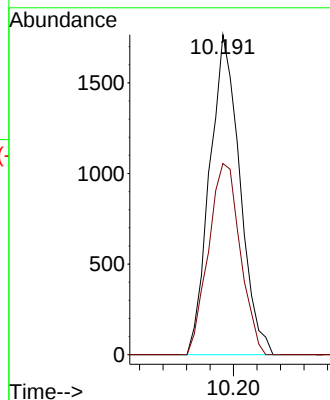
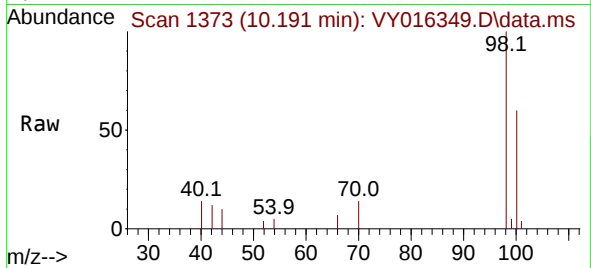




#50
Toluene-d8
Concen: 53.463 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016349.D
Acq: 14 Nov 2023 15:18

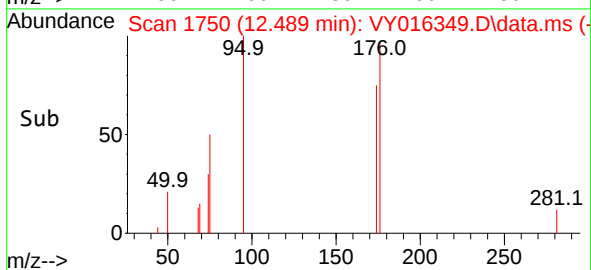
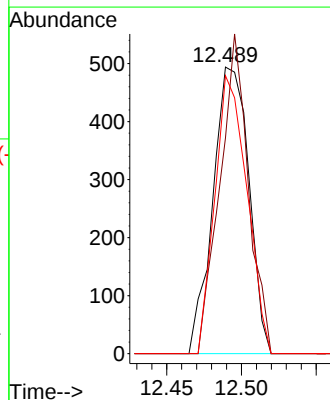
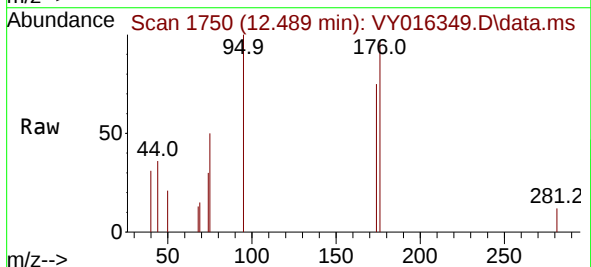
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-11102023RE

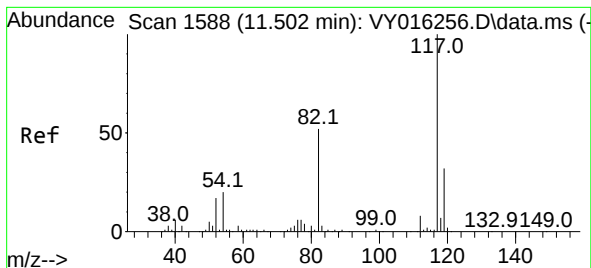
Tgt Ion: 98 Resp: 3143
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.208 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016349.D
Acq: 14 Nov 2023 15:18

Tgt Ion: 95 Resp: 825
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.2
176 86.8 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: VY016349.D

Acq: 14 Nov 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-11102023RE

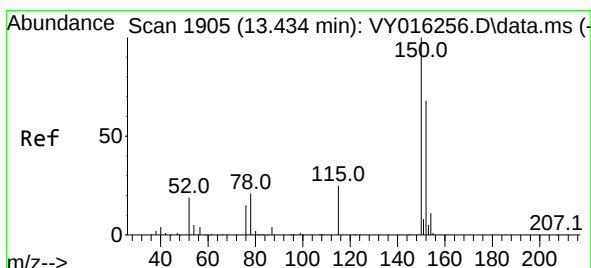
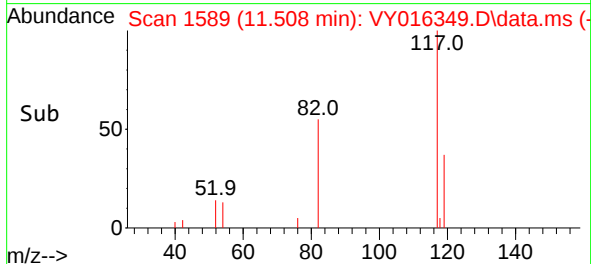
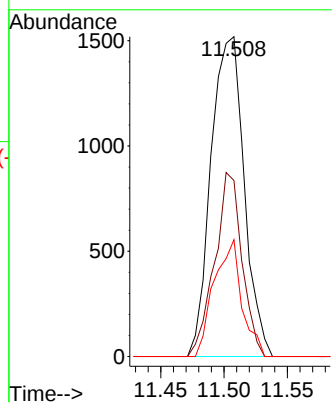
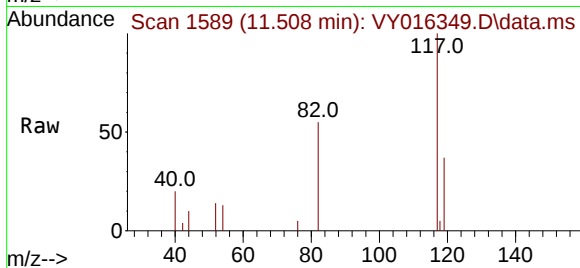
Tgt Ion:117 Resp: 2766

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 36.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016349.D

Acq: 14 Nov 2023 15:18

Tgt Ion:152 Resp: 737

Ion Ratio Lower Upper

152 100

115 41.2 28.8 86.5

150 142.9 0.0 348.8

