

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016348.D
 Acq On : 14 Nov 2023 14:55
 Operator : SY/MD
 Sample : 05385-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-11102023RE

Quant Time: Nov 15 05:28:46 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	7.801	168	10389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	16629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	15139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	6004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5586	58.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.660%
35) Dibromofluoromethane	7.728	113	5335	56.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.960%
50) Toluene-d8	10.191	98	18851	49.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.489	95	5380	43.242	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.480%

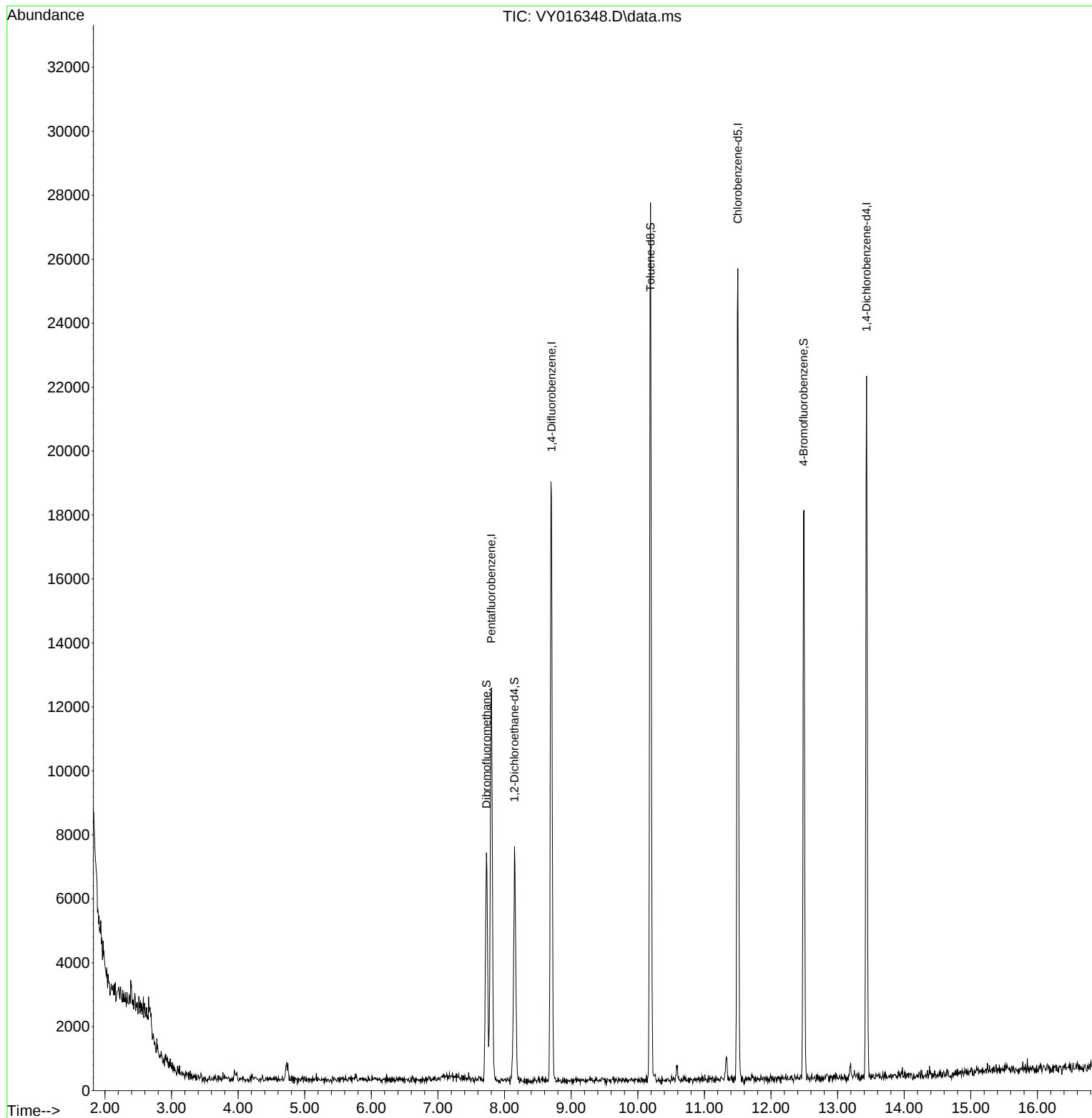
Target Compounds	Qvalue

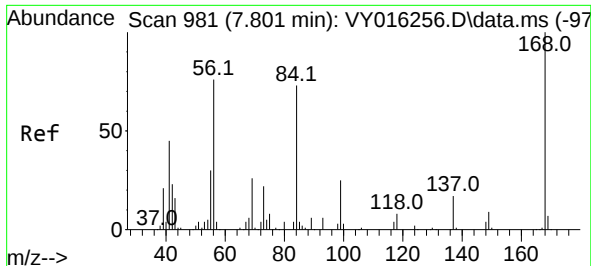
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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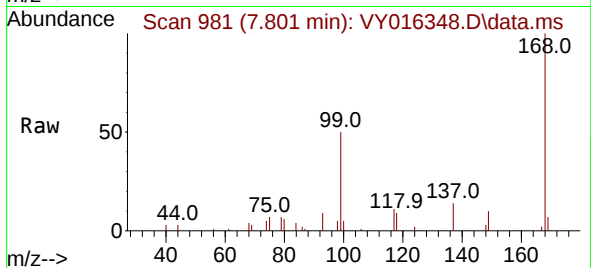
Quant Time: Nov 15 05:28:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
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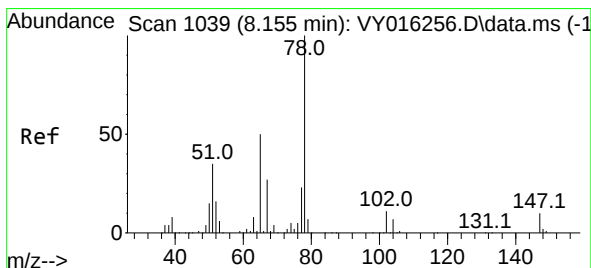
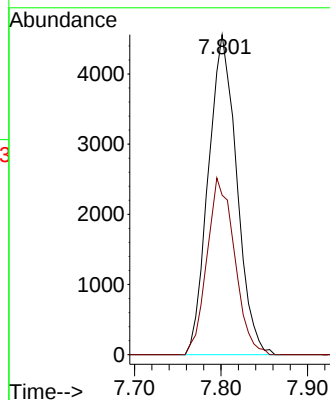
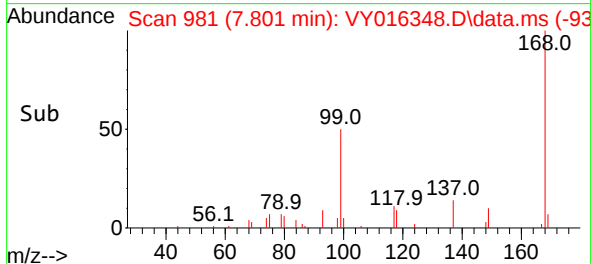


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-11102023RE

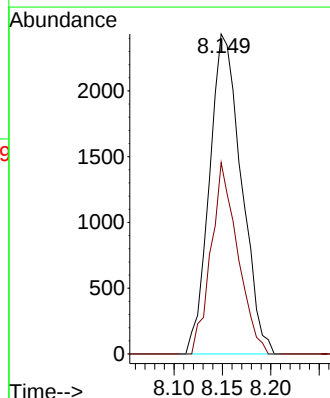
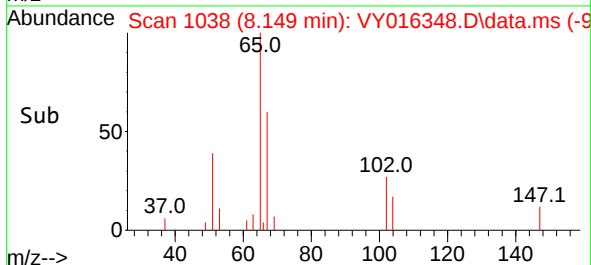
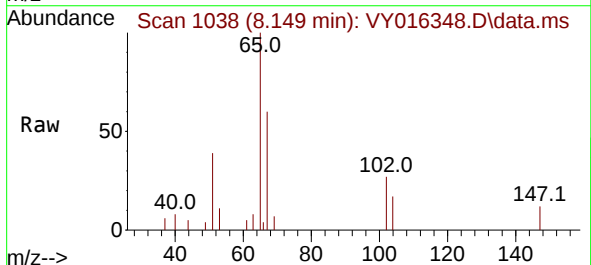


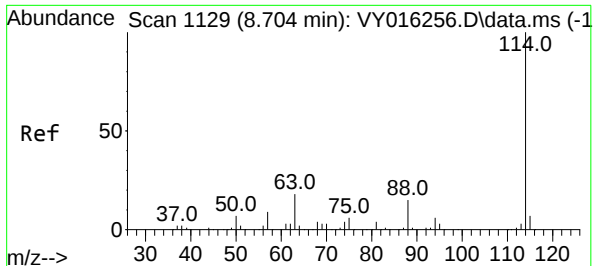
Tgt Ion:168 Resp: 10389
Ion Ratio Lower Upper
168 100
99 49.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.830 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

Tgt Ion: 65 Resp: 5586
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016348.D

Acq: 14 Nov 2023 14:55

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-11102023RE

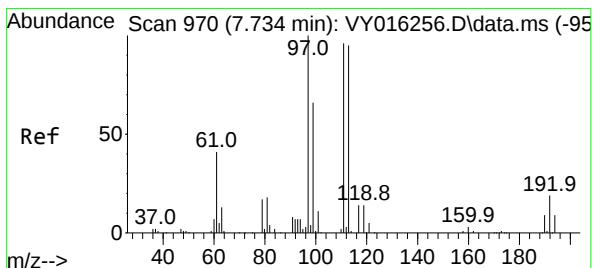
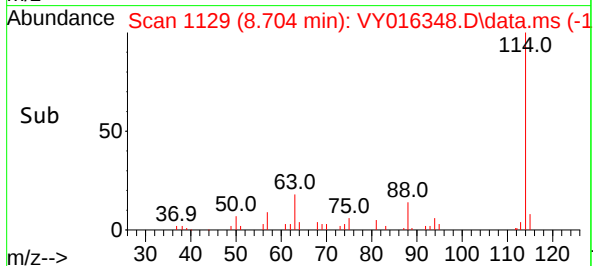
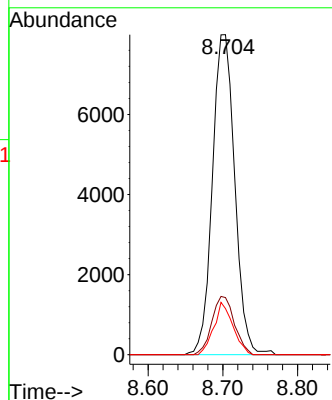
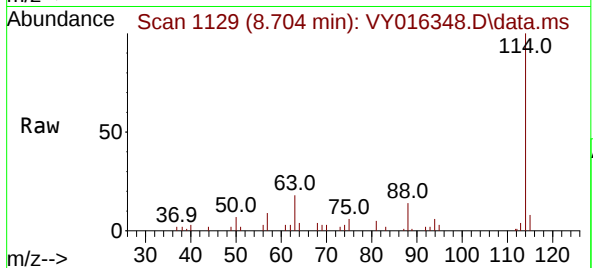
Tgt Ion:114 Resp: 16629

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.477 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016348.D

Acq: 14 Nov 2023 14:55

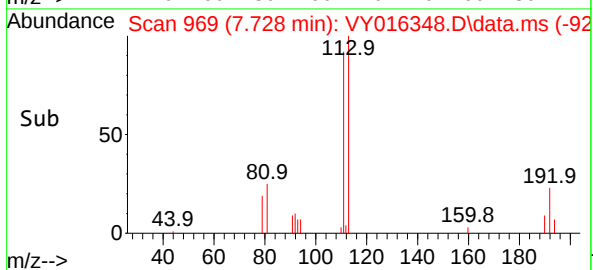
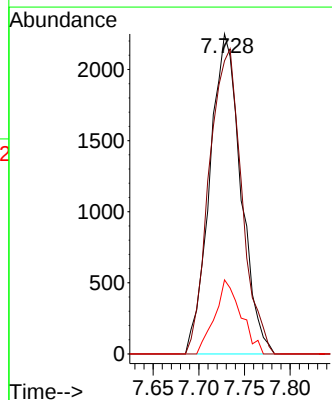
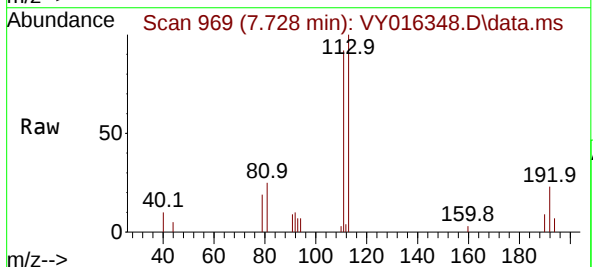
Tgt Ion:113 Resp: 5335

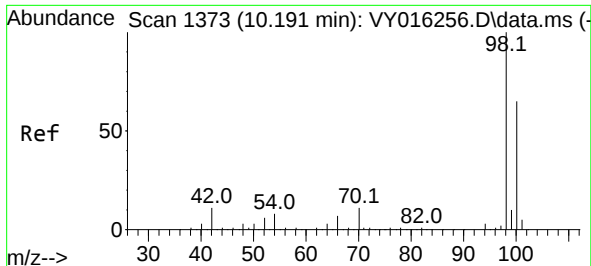
Ion Ratio Lower Upper

113 100

111 99.4 81.3 121.9

192 19.4 16.9 25.3

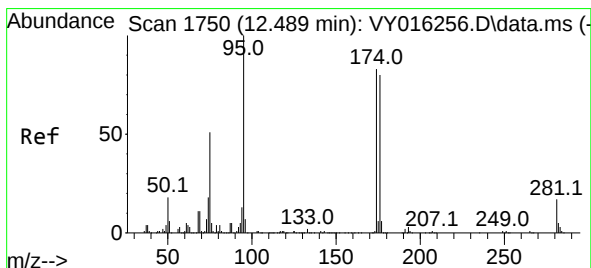
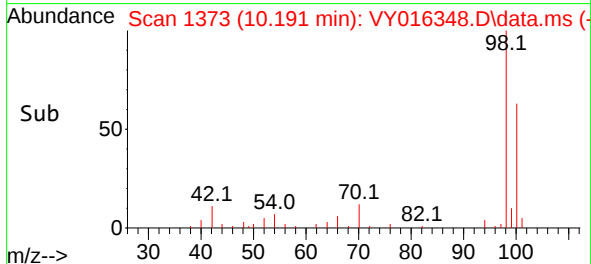
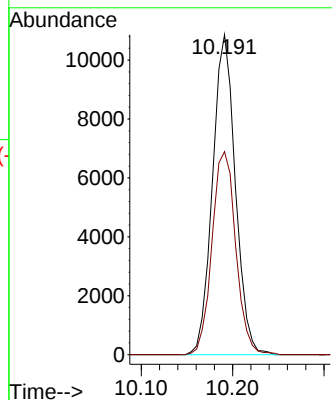
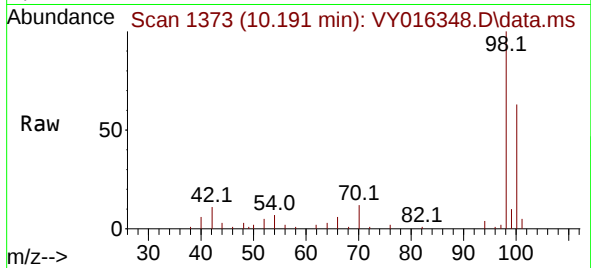




#50
Toluene-d8
Concen: 49.211 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

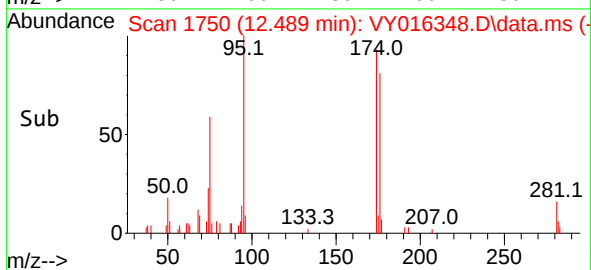
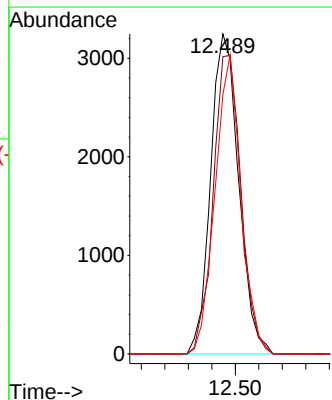
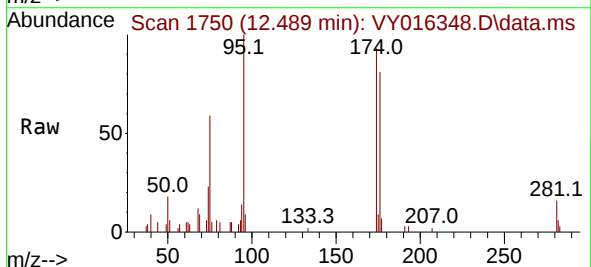
Instrument :
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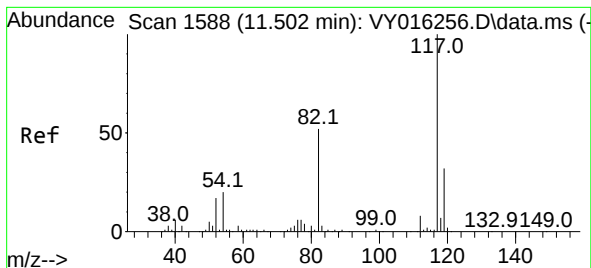
Tgt Ion: 98 Resp: 18851
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.242 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

Tgt Ion: 95 Resp: 5380
Ion Ratio Lower Upper
95 100
174 92.5 0.0 178.2
176 86.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016348.D

Acq: 14 Nov 2023 14:55

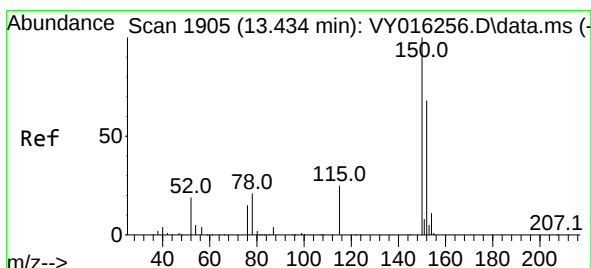
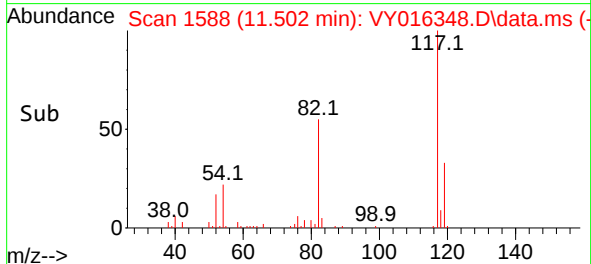
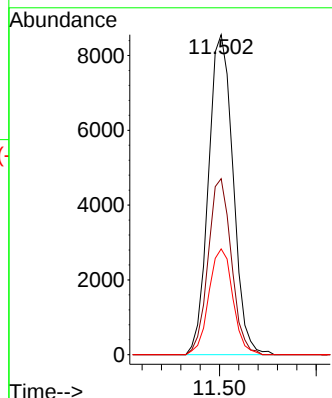
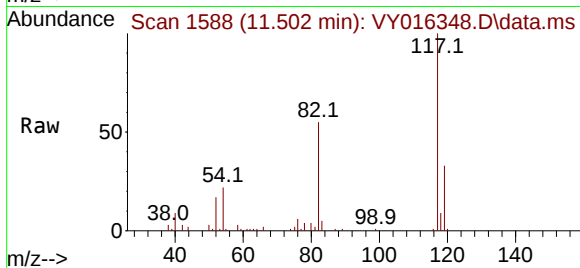
Instrument :

MSVOA_Y

ClientSampleId :

HR-02-11102023RE

Tgt Ion:	117	Resp:	15139
Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.4	65.0
119	33.0	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: VY016348.D

Acq: 14 Nov 2023 14:55

Tgt Ion:	152	Resp:	6004
Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.8	86.5
150	158.1	0.0	348.8

