

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013988.D
 Acq On : 02 Jun 2023 14:33
 Operator : KP/MD
 Sample : 02988-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1644

Quant Time: Jun 05 09:42:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	157116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	272653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118711	57.077	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.160%
35) Dibromofluoromethane	7.710	113	94378	54.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.000%
50) Toluene-d8	10.173	98	332047	50.727	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.460%
62) 4-Bromofluorobenzene	12.477	95	112404	50.370	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.740%

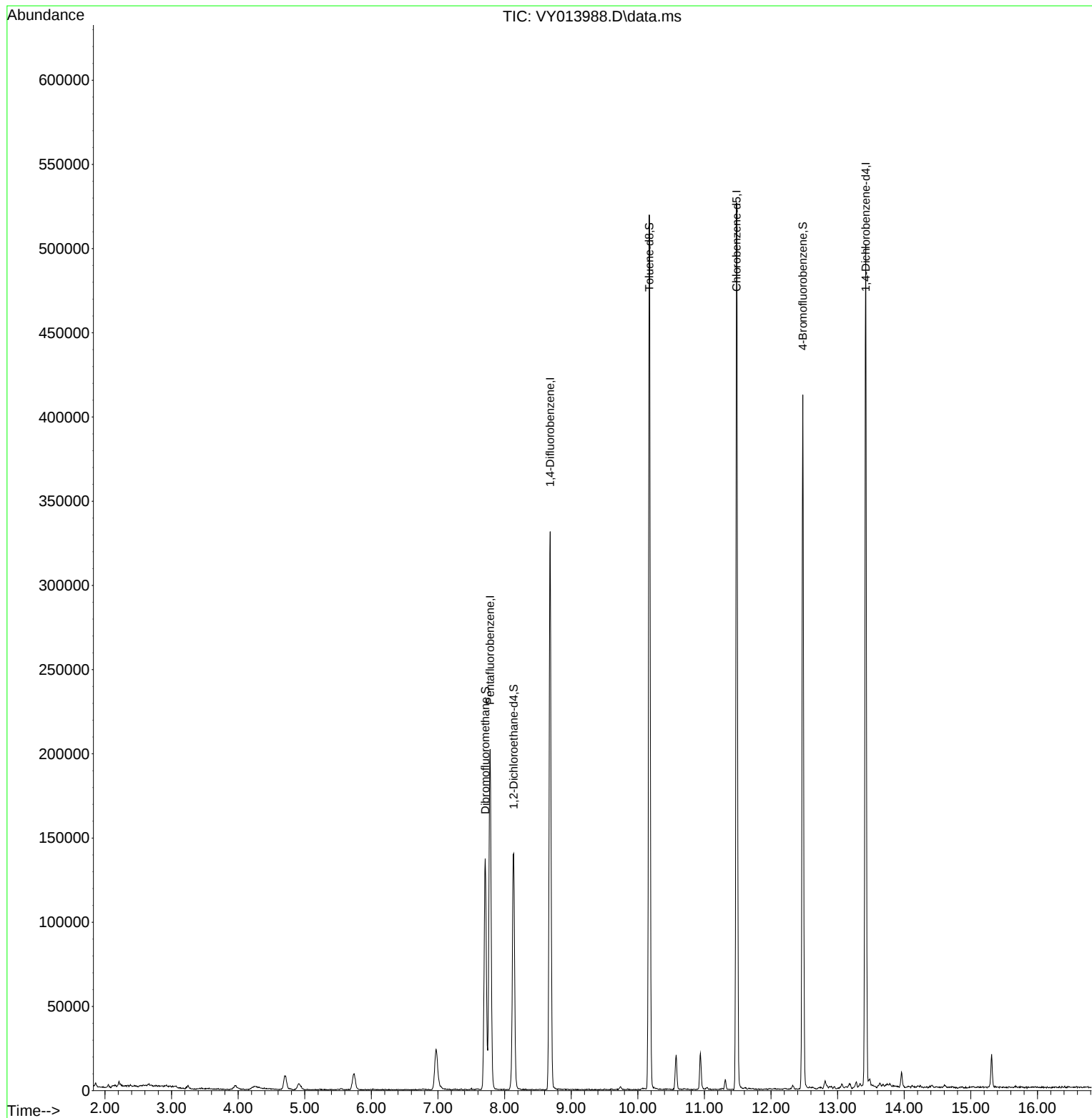
Target Compounds	Qvalue

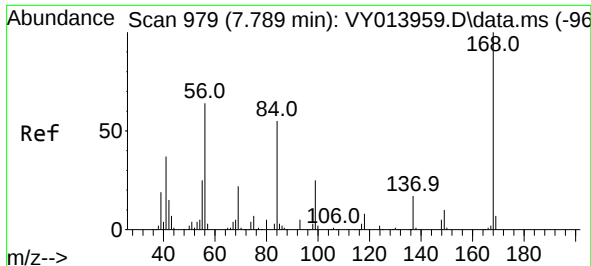
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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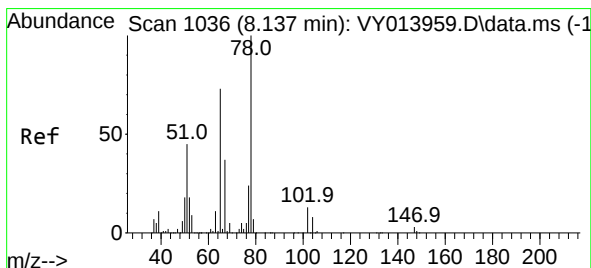
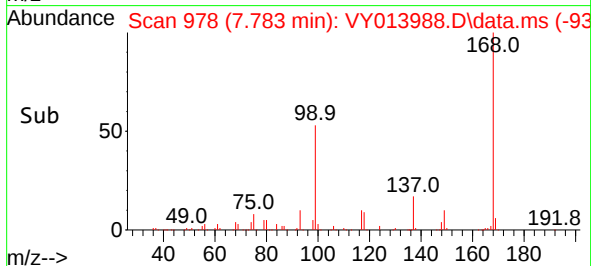
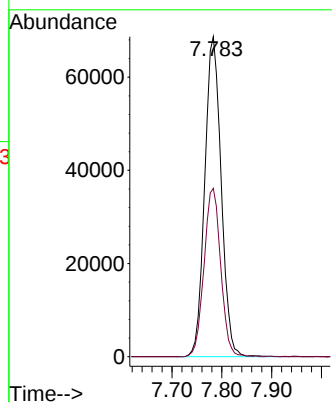
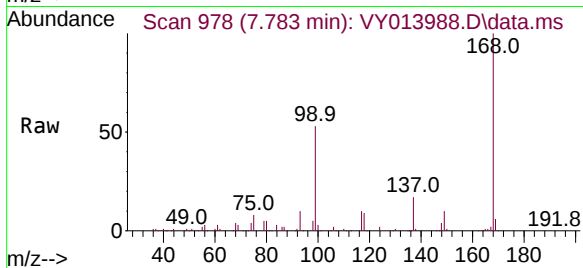




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

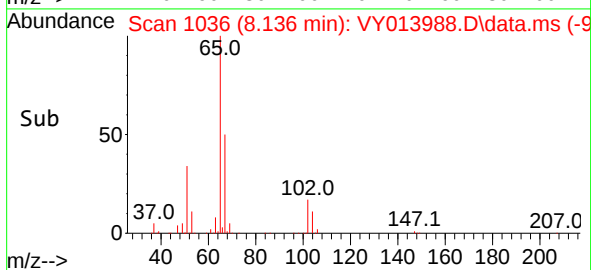
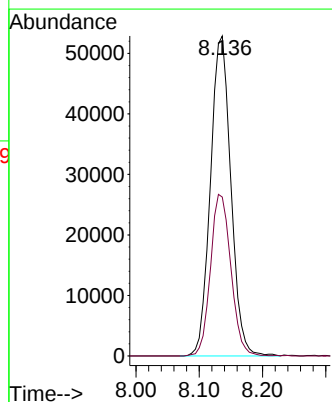
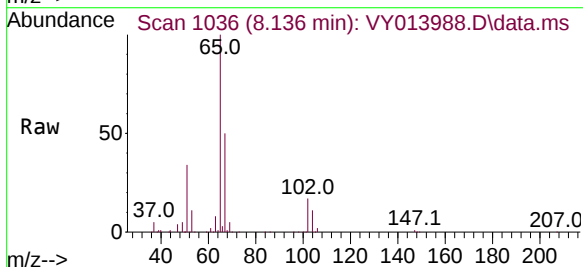
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1644

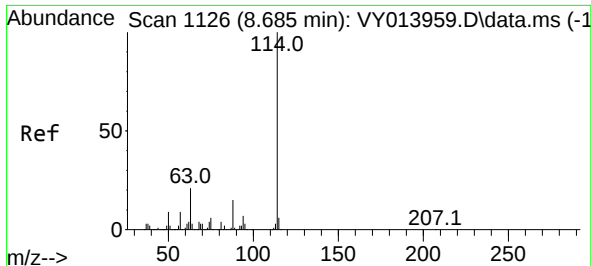
Tgt Ion:168 Resp: 157116
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.077 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

Tgt Ion: 65 Resp: 118711
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013988.D

Acq: 02 Jun 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

ORA-1644

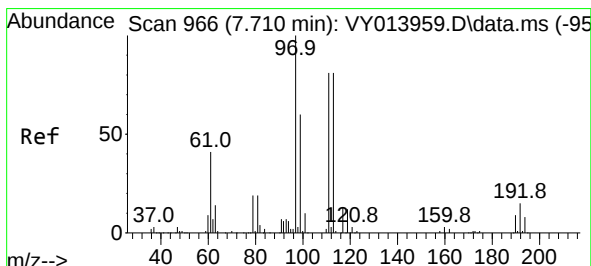
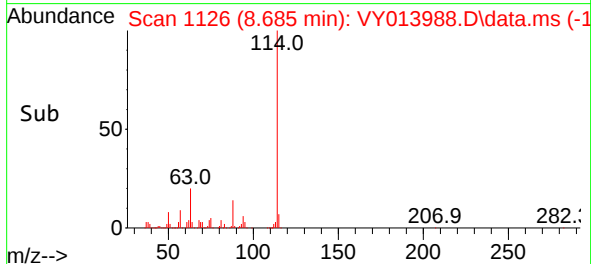
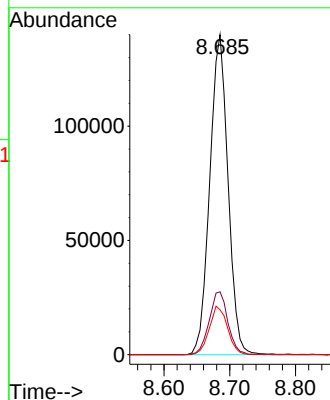
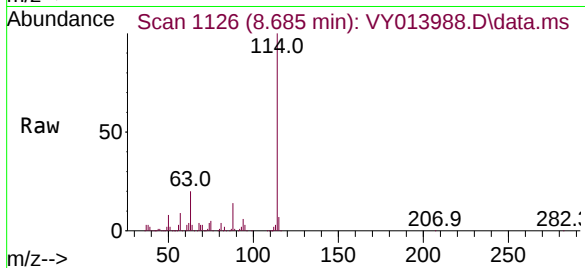
Tgt Ion:114 Resp: 270027

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.997 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY013988.D

Acq: 02 Jun 2023 14:33

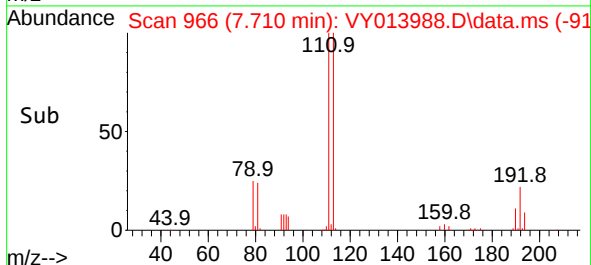
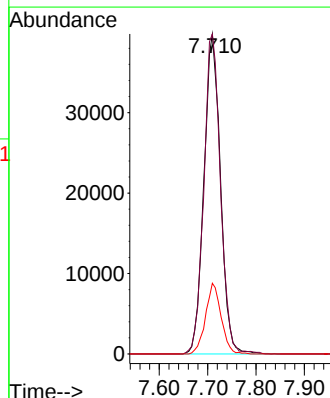
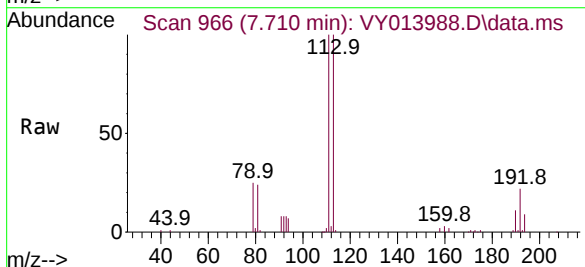
Tgt Ion:113 Resp: 94378

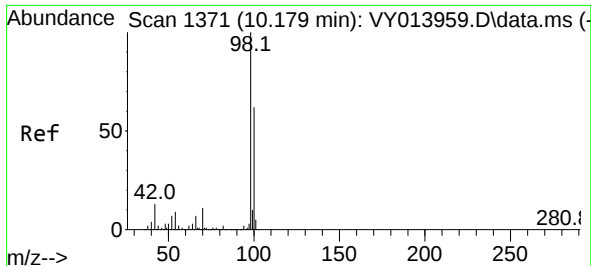
Ion Ratio Lower Upper

113 100

111 100.5 81.3 121.9

192 20.8 16.9 25.3

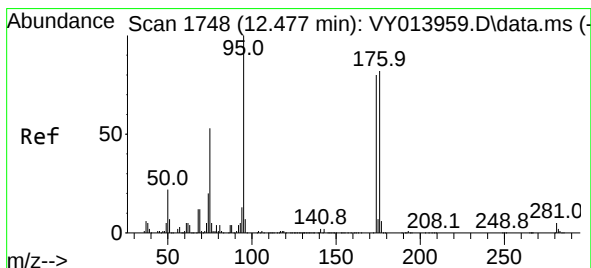
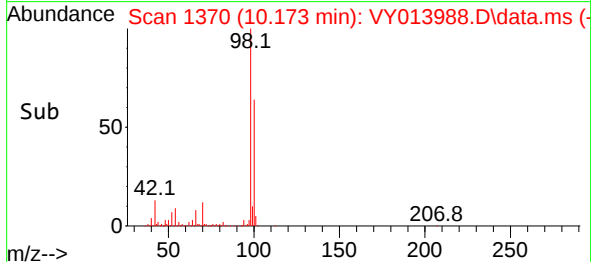
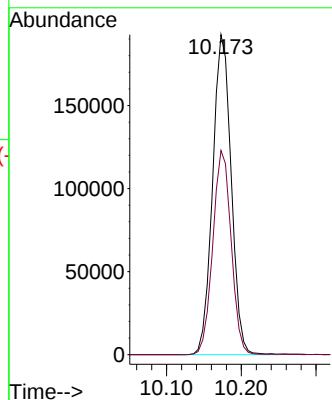
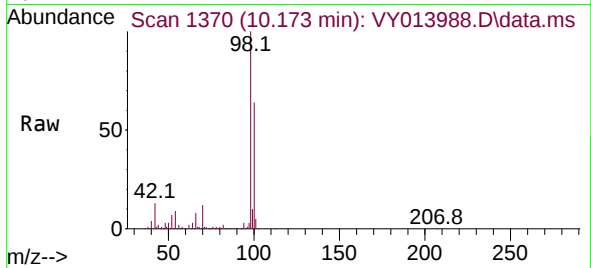




#50
Toluene-d8
Concen: 50.727 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

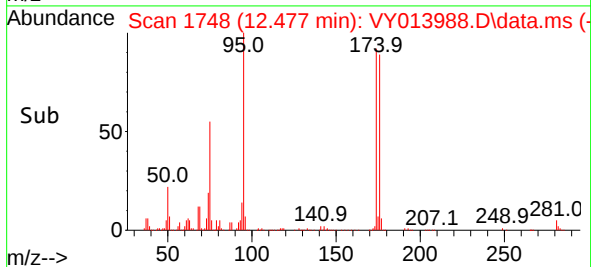
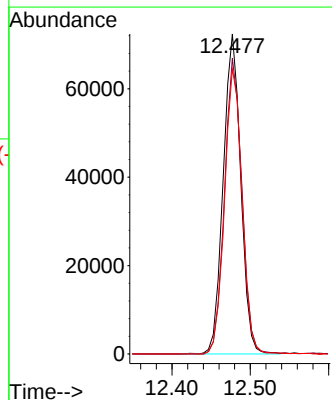
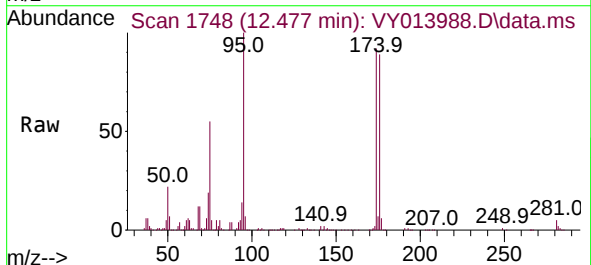
Instrument :
MSVOA_Y
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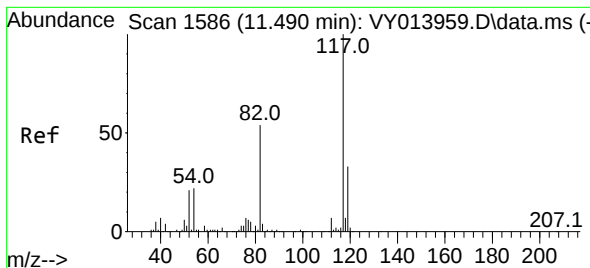
Tgt Ion: 98 Resp: 332047
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.370 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013988.D
Acq: 02 Jun 2023 14:33

Tgt Ion: 95 Resp: 112404
Ion Ratio Lower Upper
95 100
174 92.1 0.0 178.2
176 89.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013988.D

Acq: 02 Jun 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

ORA-1644

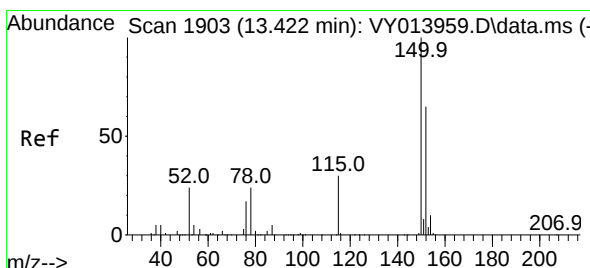
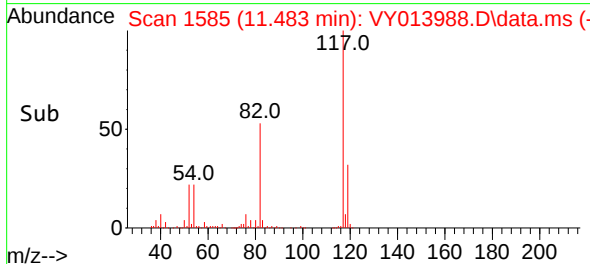
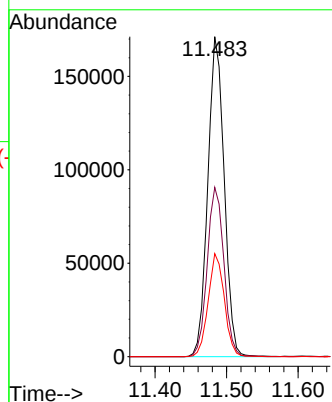
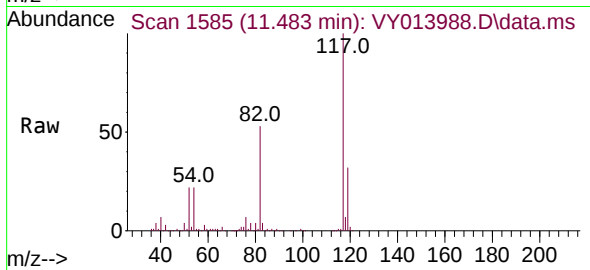
Tgt Ion:117 Resp: 272653

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013988.D

Acq: 02 Jun 2023 14:33

Tgt Ion:152 Resp: 125359

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 157.7 0.0 348.8

