

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014988.D
 Acq On : 08 Aug 2023 16:23
 Operator : SY/MD
 Sample : 03919-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-36

Quant Time: Aug 09 01:02:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

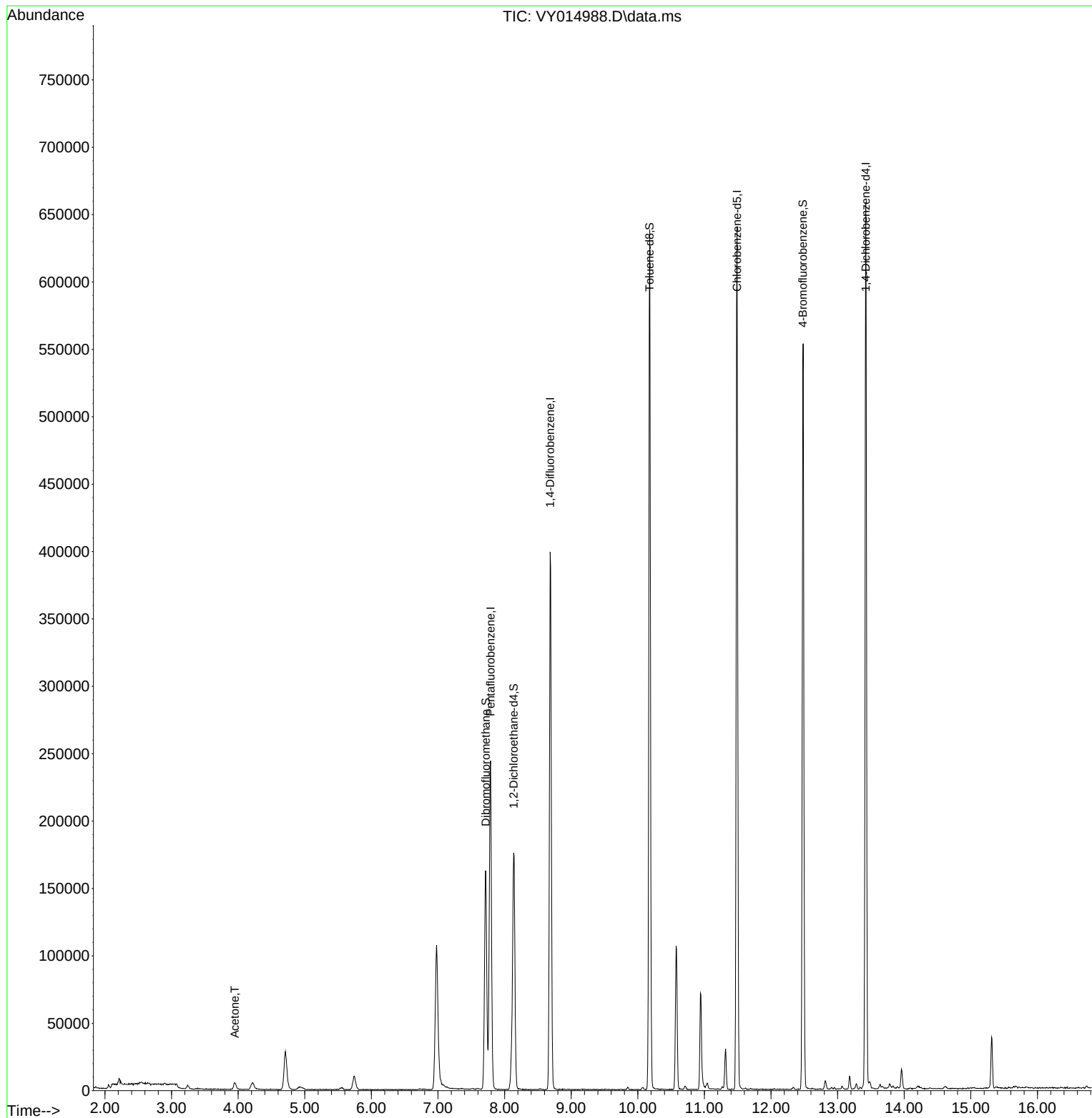
Internal Standards						
1) Pentafluorobenzene	7.789	168	189466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	349740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	343399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130253	56.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.440%
35) Dibromofluoromethane	7.716	113	112608	50.350	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.700%
50) Toluene-d8	10.179	98	414498	48.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.477	95	156435	51.850	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.700%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	8864	12.378	ug/l #	86

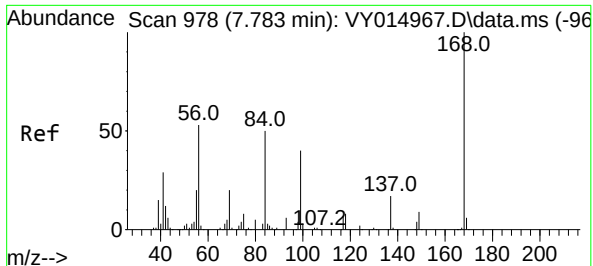
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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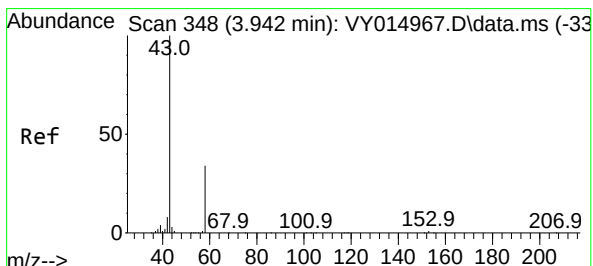
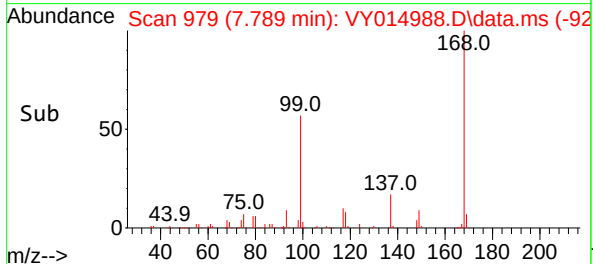
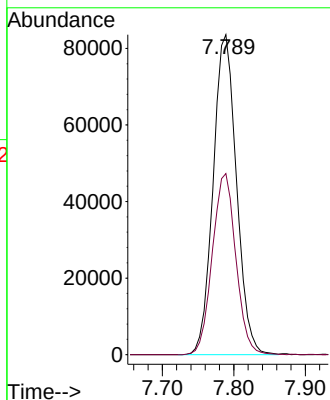
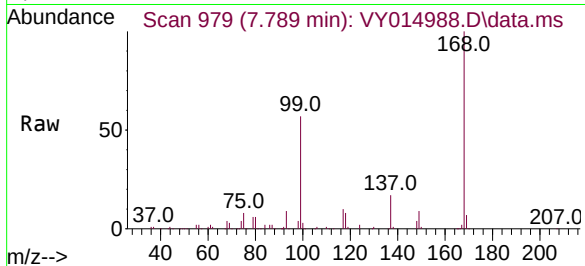




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

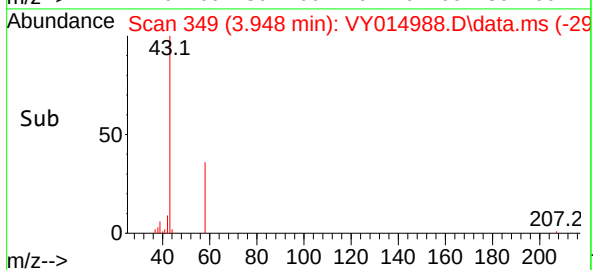
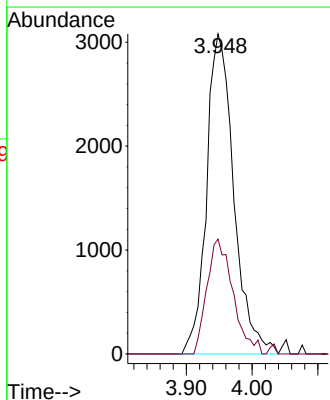
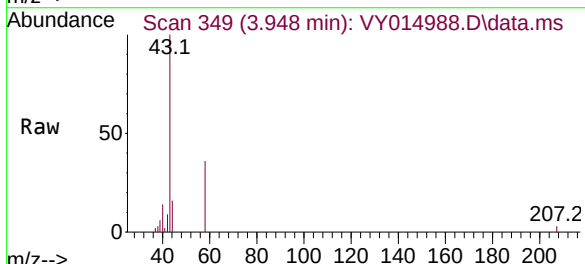
Instrument :
MSVOA_Y
ClientSampleId :
TP-36

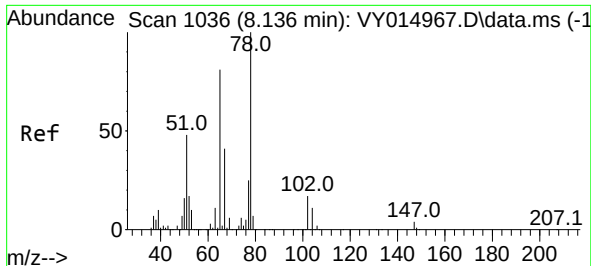
Tgt Ion:168 Resp: 189466
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0



#16
Acetone
Concen: 12.378 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

Tgt Ion: 43 Resp: 8864
Ion Ratio Lower Upper
43 100
58 35.9 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 56.721 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY014988.D

Acq: 08 Aug 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

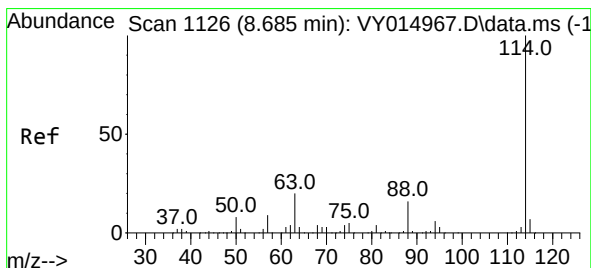
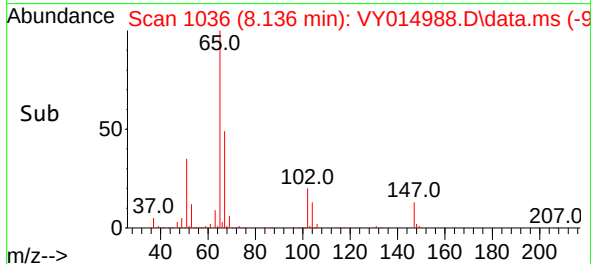
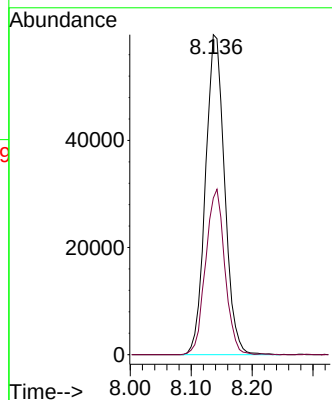
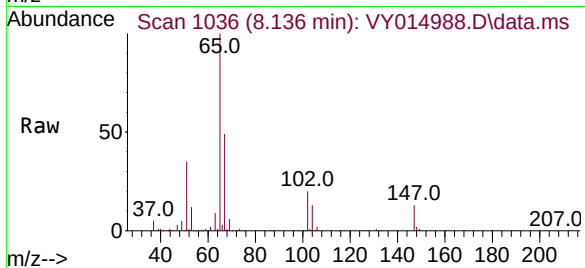
TP-36

Tgt Ion: 65 Resp: 130253

Ion Ratio Lower Upper

65 100

67 52.0 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: VY014988.D

Acq: 08 Aug 2023 16:23

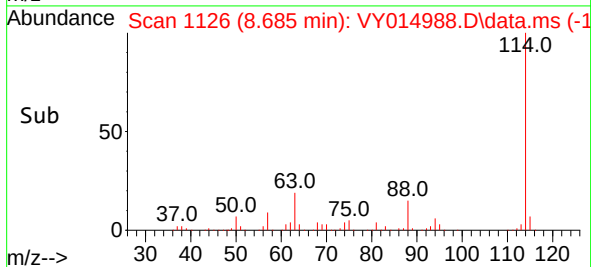
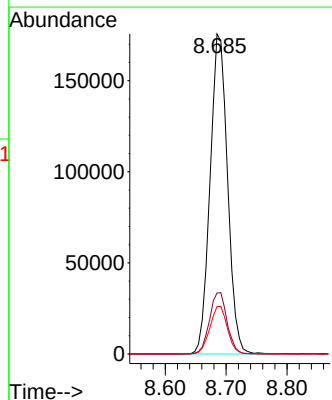
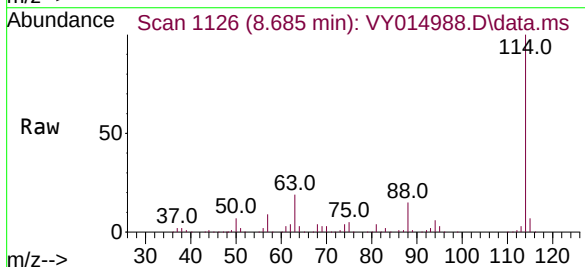
Tgt Ion: 114 Resp: 349740

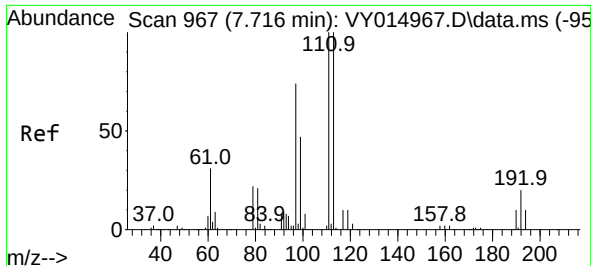
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.8 0.0 30.6

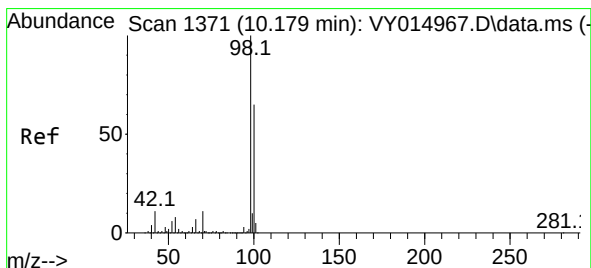
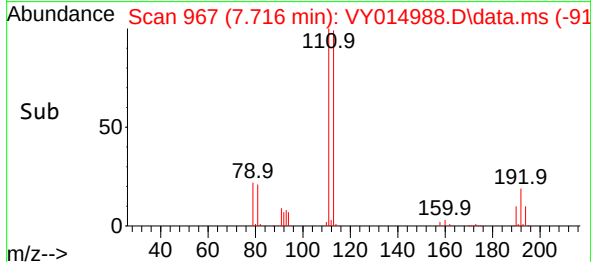
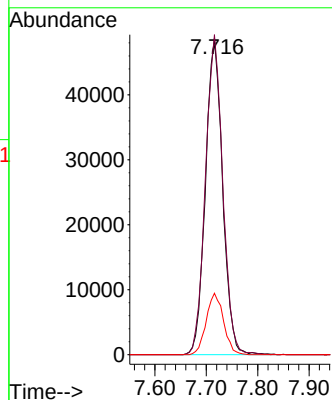
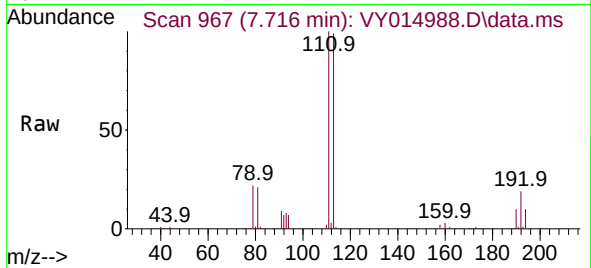




#35
Dibromofluoromethane
Concen: 50.350 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

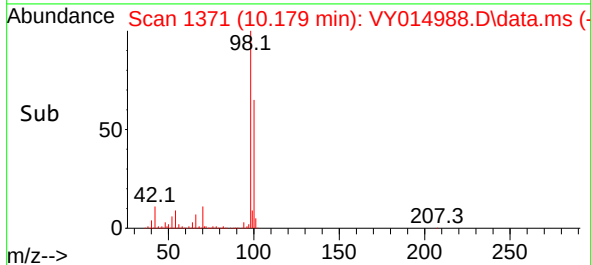
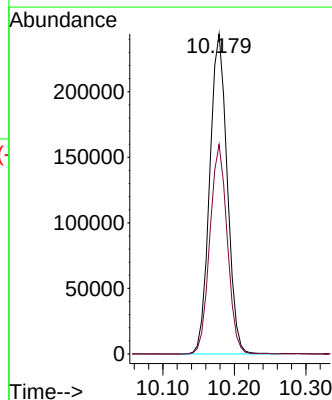
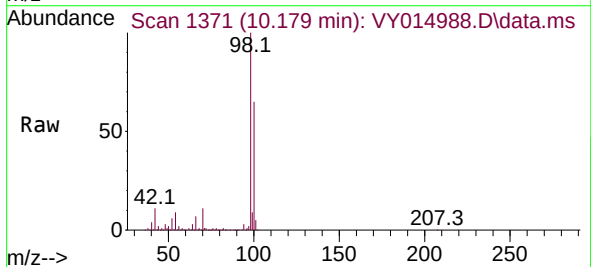
Instrument :
MSVOA_Y
ClientSampleId :
TP-36

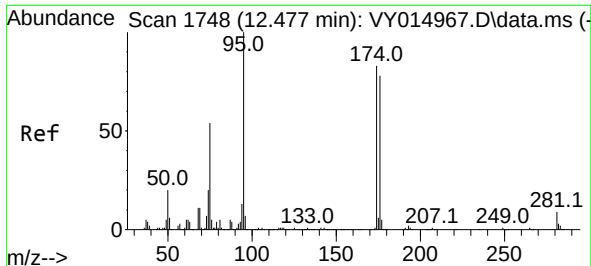
Tgt Ion:113 Resp: 112608
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 48.692 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

Tgt Ion: 98 Resp: 414498
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 51.850 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014988.D

Acq: 08 Aug 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

TP-36

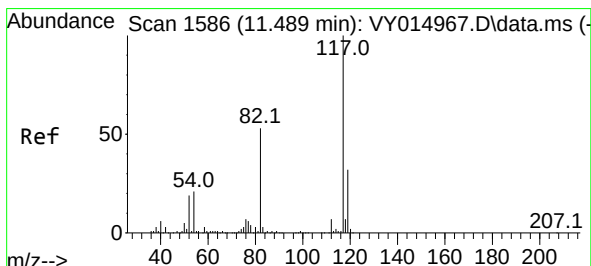
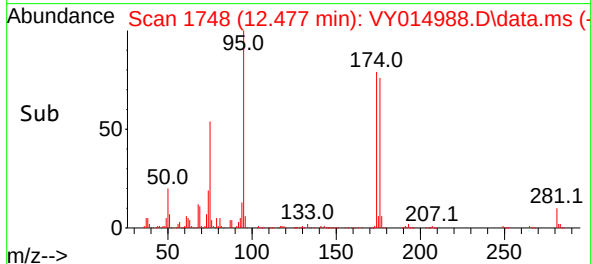
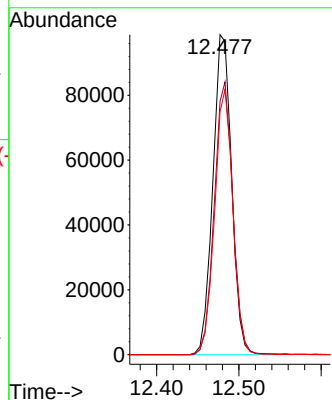
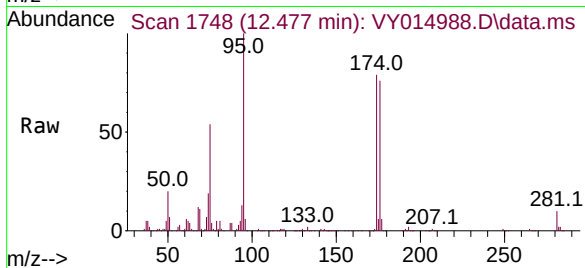
Tgt Ion: 95 Resp: 156435

Ion Ratio Lower Upper

95 100

174 84.3 0.0 178.2

176 81.0 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY014988.D

Acq: 08 Aug 2023 16:23

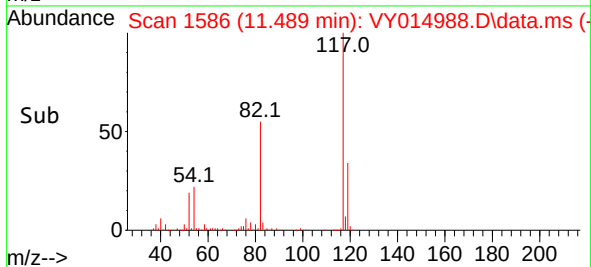
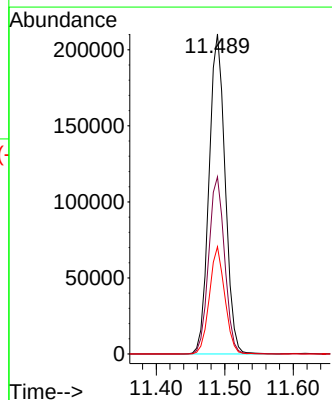
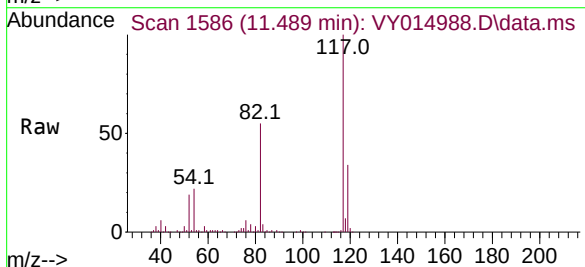
Tgt Ion: 117 Resp: 343399

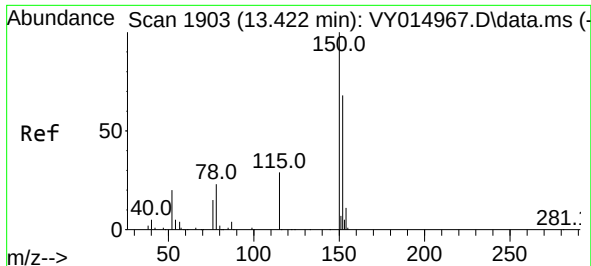
Ion Ratio Lower Upper

117 100

82 55.3 43.4 65.0

119 33.5 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: VY014988.D

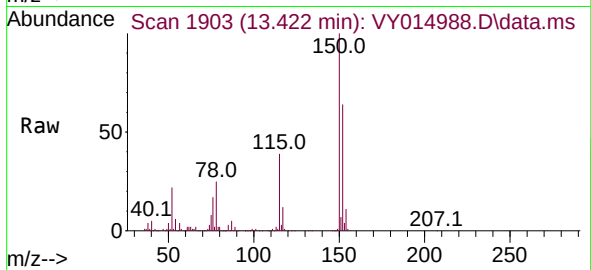
Acq: 08 Aug 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 167559

Ion Ratio Lower Upper

152 100

115 59.7 28.8 86.5

150 155.8 0.0 348.8

