

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015980.D
 Acq On : 16 Oct 2023 12:49
 Operator : SY/MD
 Sample : 04878-05RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 283RE

Quant Time: Oct 17 05:42:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	57398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	94127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	86999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	40327	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	37410	57.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.220%
35) Dibromofluoromethane	7.728	113	32154	54.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.520%
50) Toluene-d8	10.191	98	109452	49.321	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.489	95	37015	46.842	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.680%

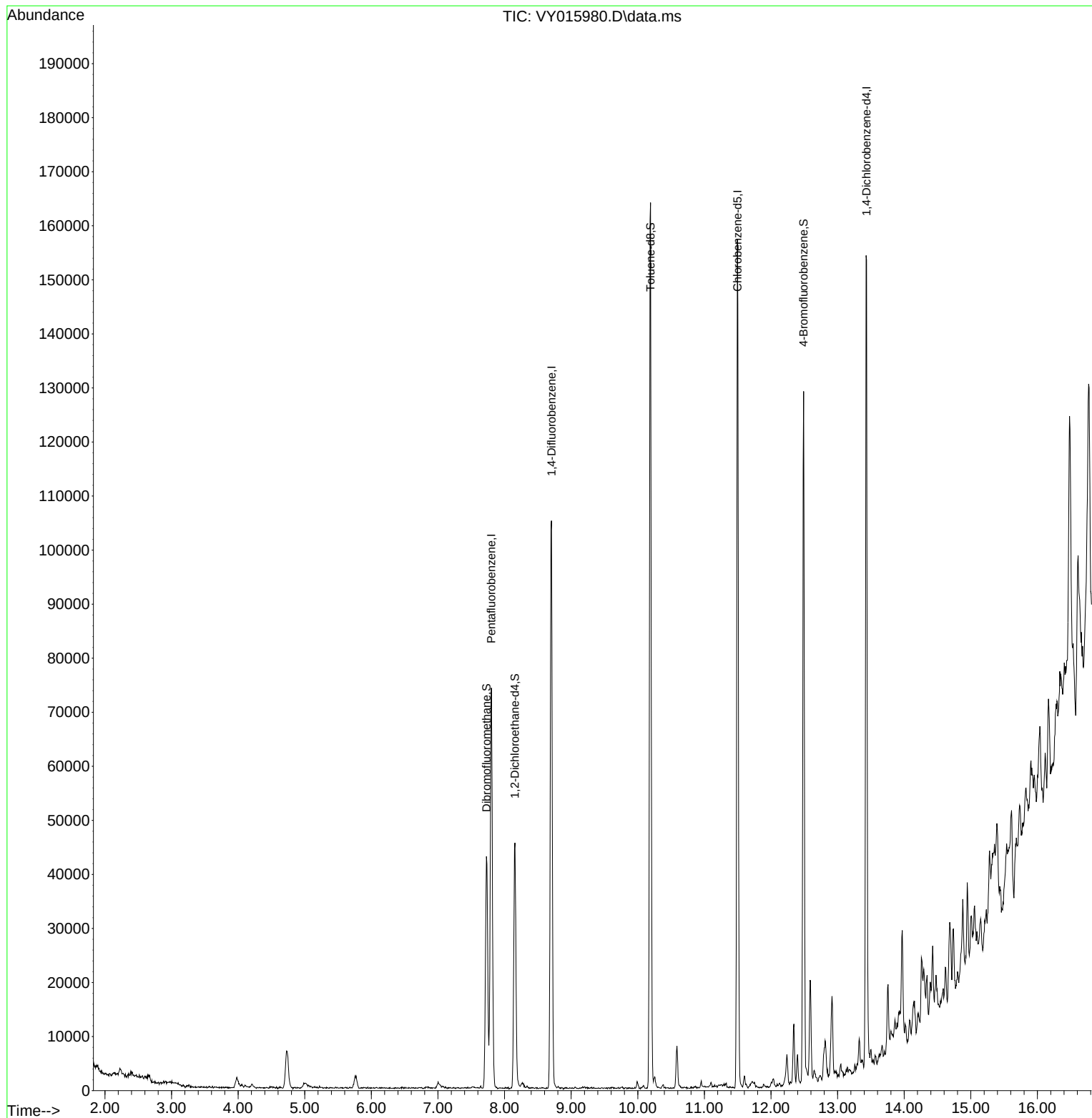
Target Compounds	Qvalue

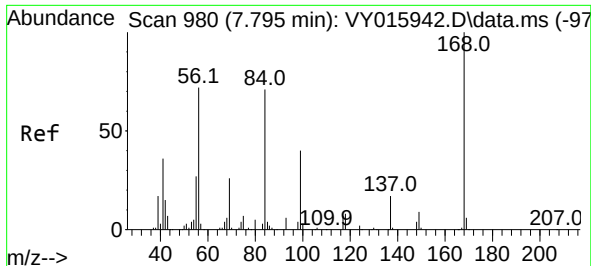
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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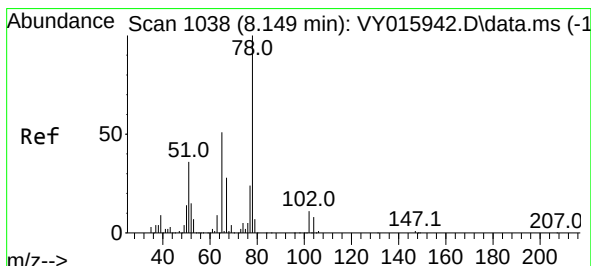
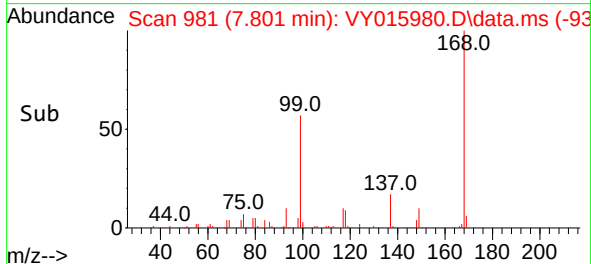
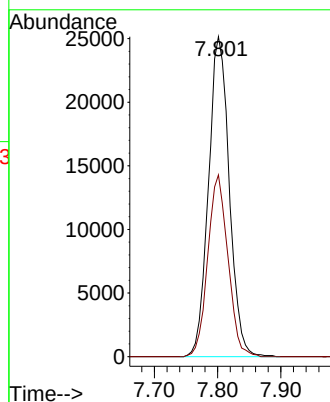
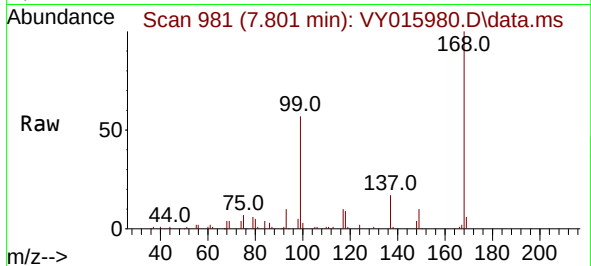




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

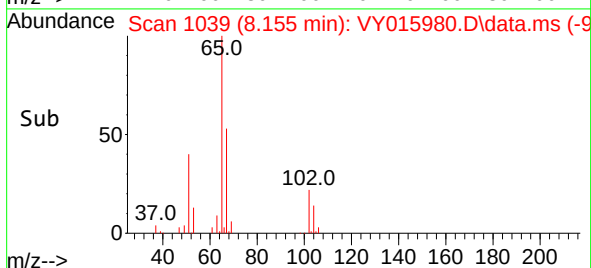
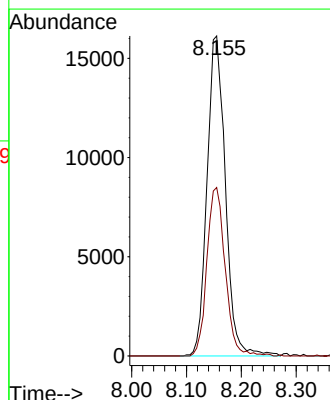
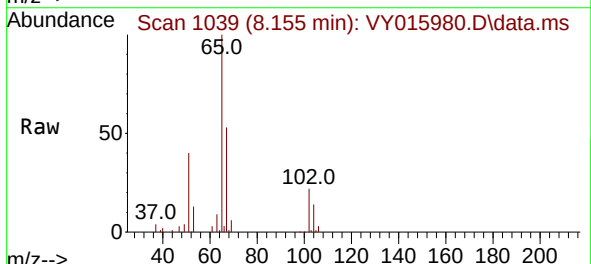
Instrument :
MSVOA_Y
ClientSampleId :
283RE

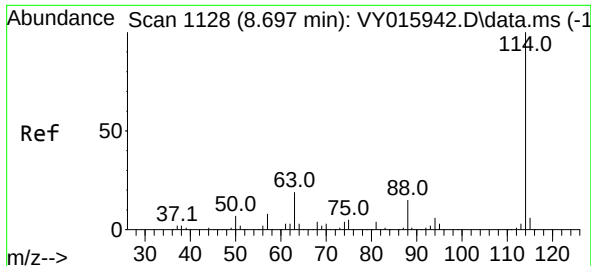
Tgt Ion:168 Resp: 57398
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.108 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Tgt Ion: 65 Resp: 37410
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY015980.D

Acq: 16 Oct 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

283RE

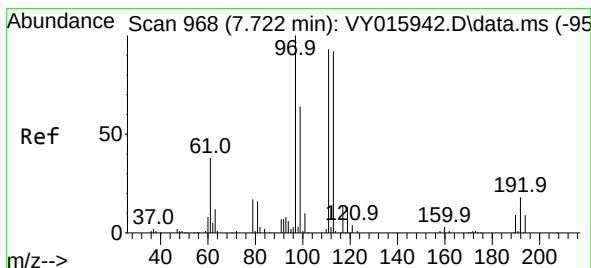
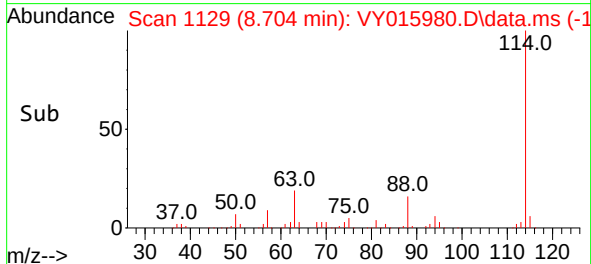
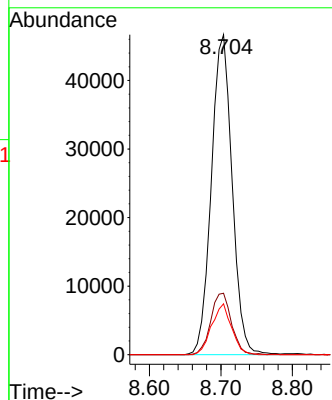
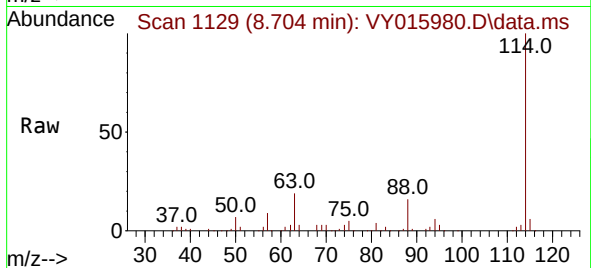
Tgt Ion:114 Resp: 94127

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.261 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY015980.D

Acq: 16 Oct 2023 12:49

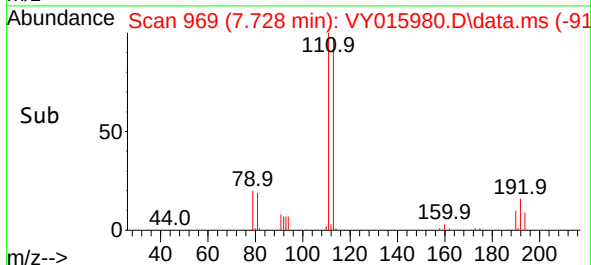
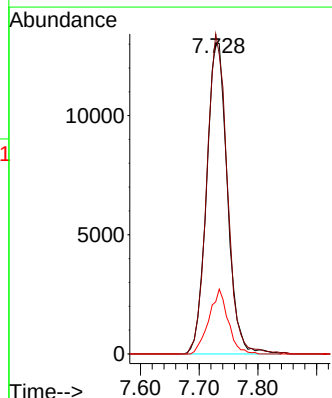
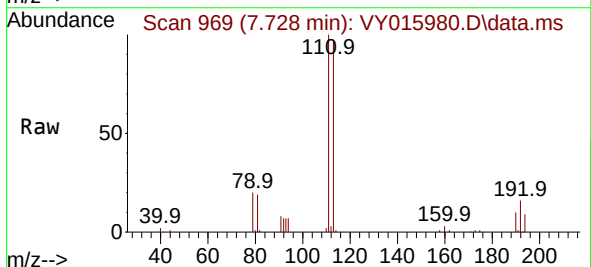
Tgt Ion:113 Resp: 32154

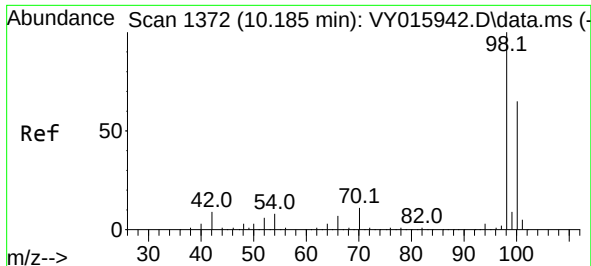
Ion Ratio Lower Upper

113 100

111 101.2 81.3 121.9

192 19.2 16.9 25.3

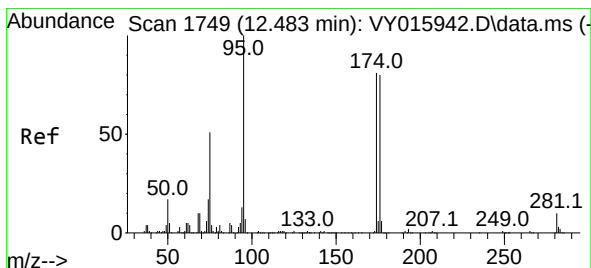
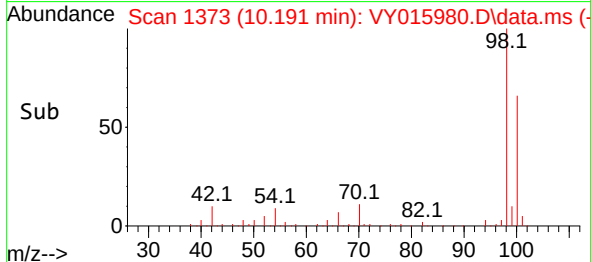
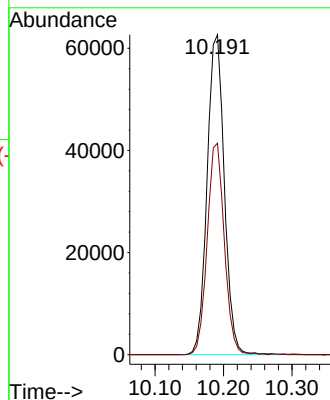
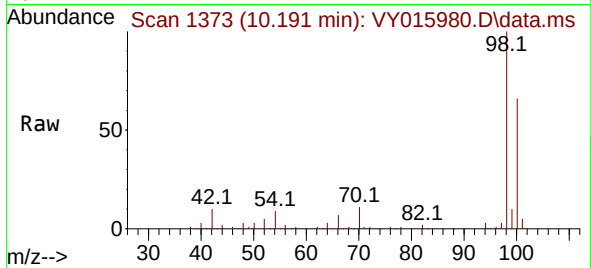




#50
Toluene-d8
Concen: 49.321 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

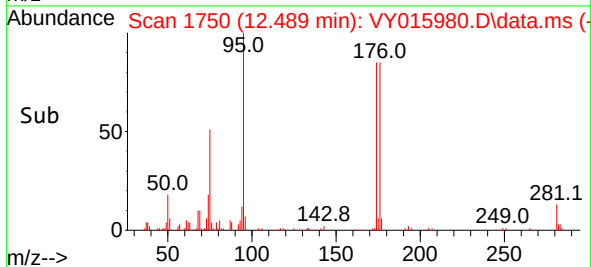
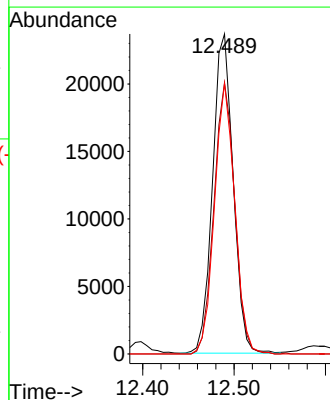
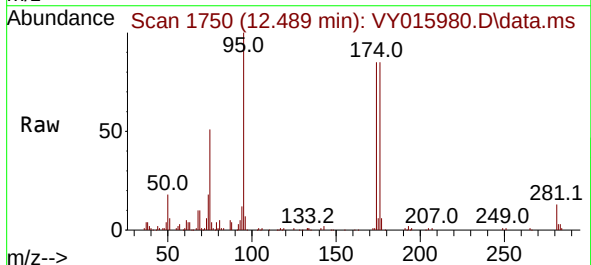
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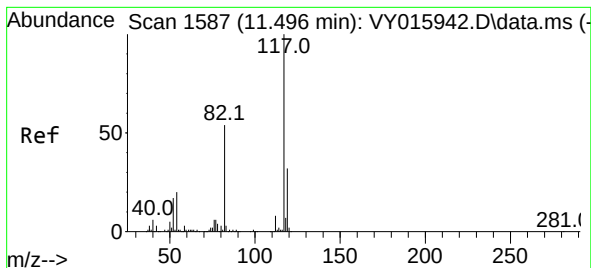
Tgt Ion: 98 Resp: 109452
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.842 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015980.D
Acq: 16 Oct 2023 12:49

Tgt Ion: 95 Resp: 37015
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 83.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015980.D

Acq: 16 Oct 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

283RE

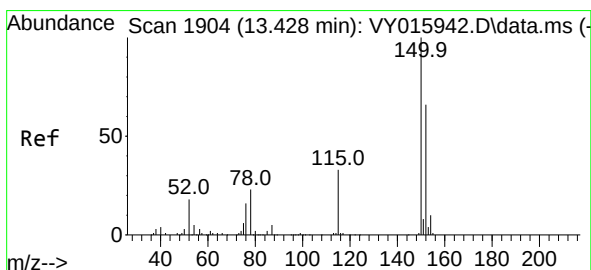
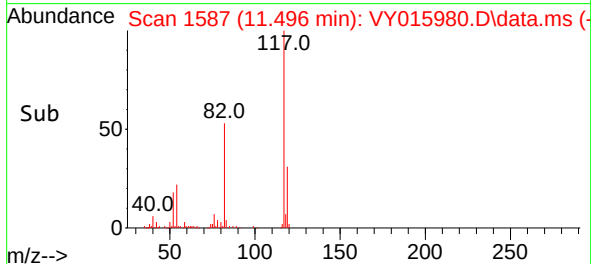
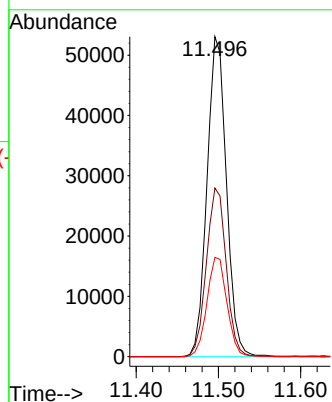
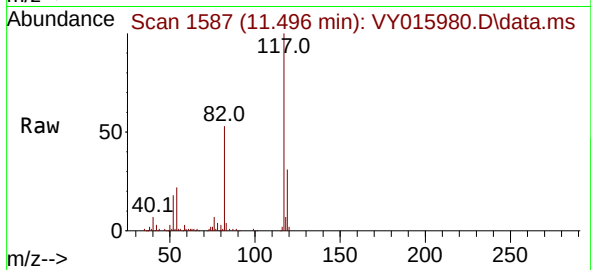
Tgt Ion:117 Resp: 86999

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 31.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY015980.D

Acq: 16 Oct 2023 12:49

Tgt Ion:152 Resp: 40327

Ion Ratio Lower Upper

152 100

115 59.3 28.8 86.5

150 158.4 0.0 348.8

