

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018626.D
 Acq On : 18 Jun 2024 12:44
 Operator : SY/MD
 Sample : P2917-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROAD

Quant Time: Jun 19 02:01:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	36762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	62931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	50941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	16362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	18674	50.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.900%
35) Dibromofluoromethane	7.704	113	20346	53.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.000%
50) Toluene-d8	10.173	98	71852	48.670	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.477	95	17795	38.172	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.340%

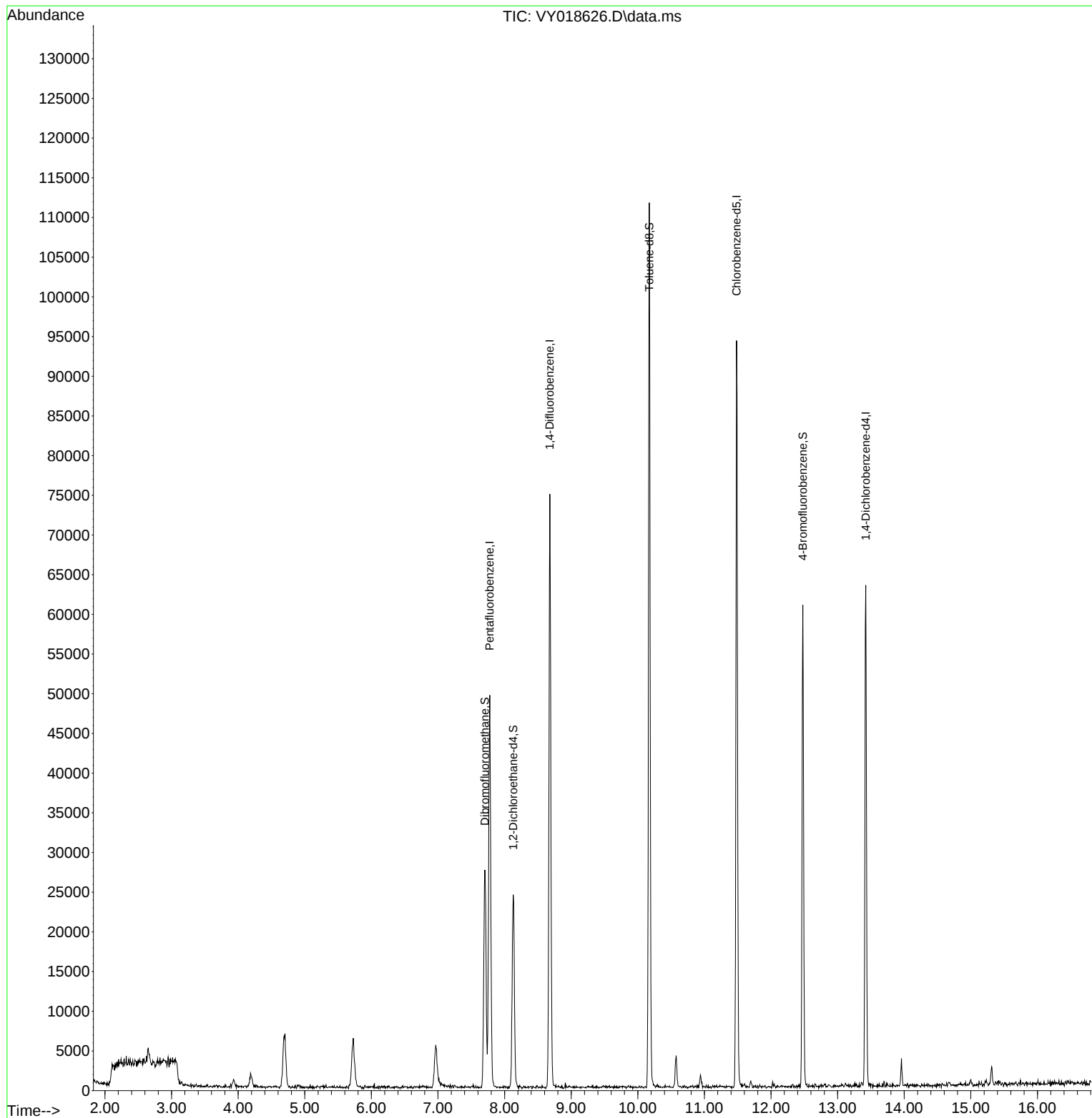
Target Compounds	Qvalue

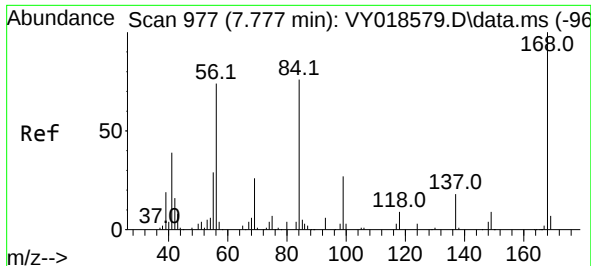
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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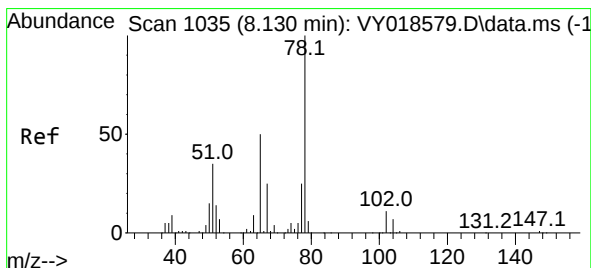
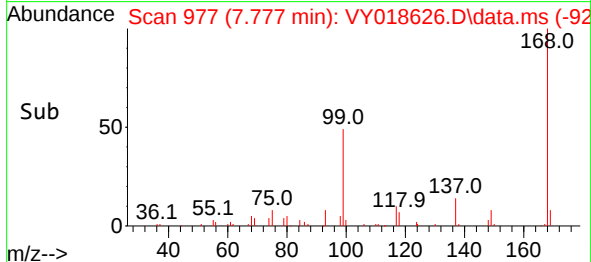
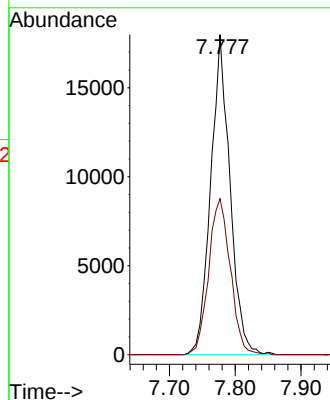
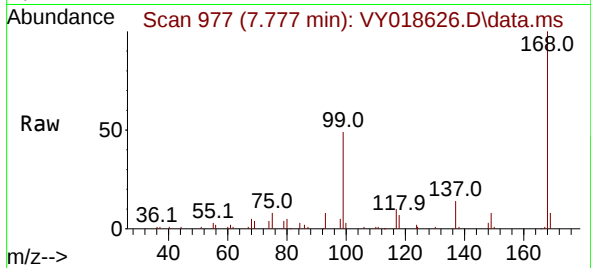




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

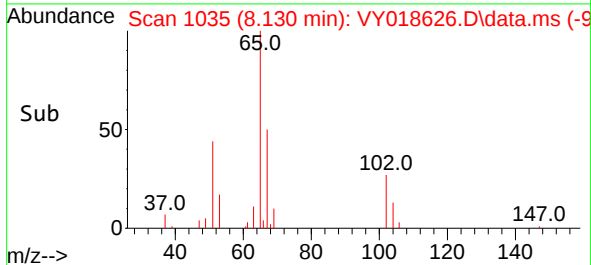
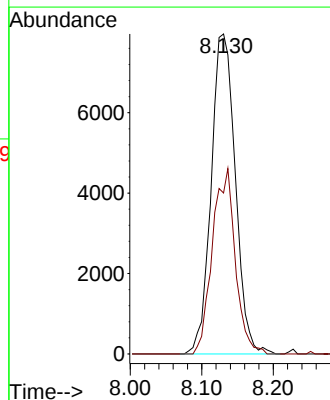
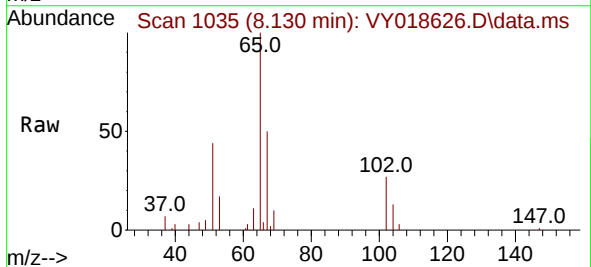
Instrument :
MSVOA_Y
ClientSampleId :
ROAD

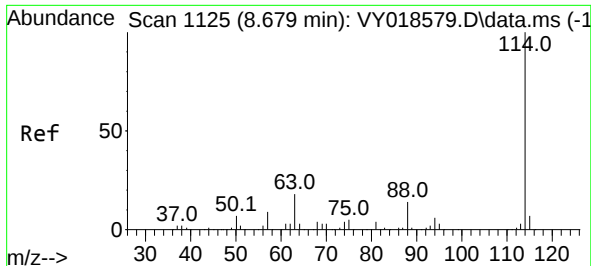
Tgt Ion:168 Resp: 36762
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.454 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

Tgt Ion: 65 Resp: 18674
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018626.D

Acq: 18 Jun 2024 12:44

Instrument :

MSVOA_Y

ClientSampleId :

ROAD

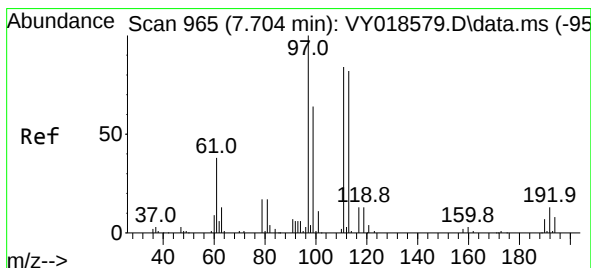
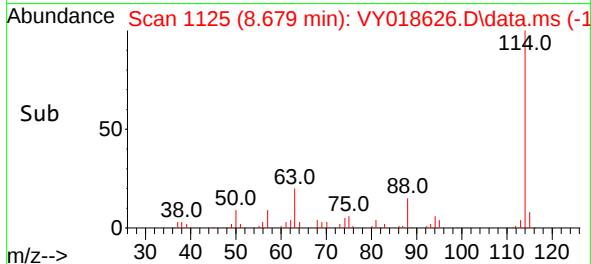
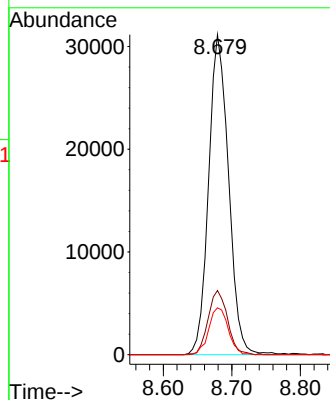
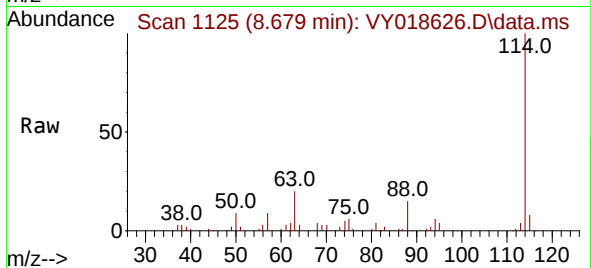
Tgt Ion:114 Resp: 62931

Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.000 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018626.D

Acq: 18 Jun 2024 12:44

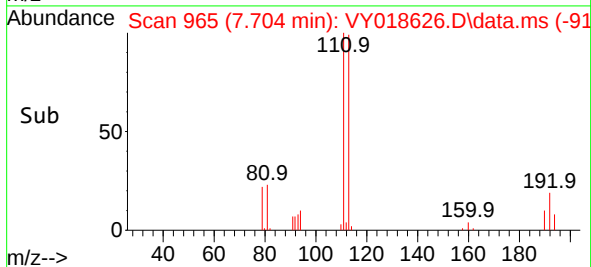
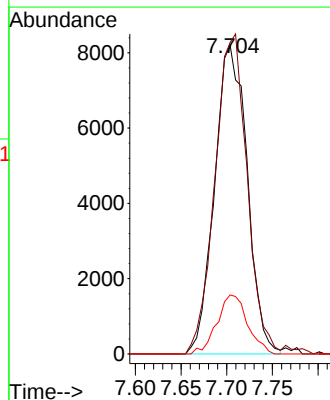
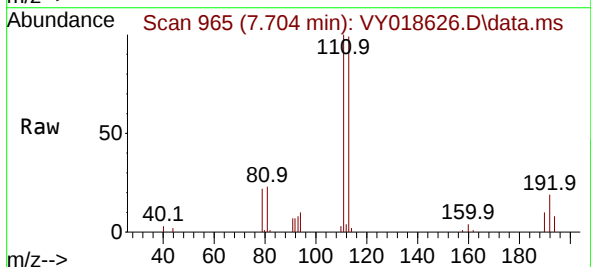
Tgt Ion:113 Resp: 20346

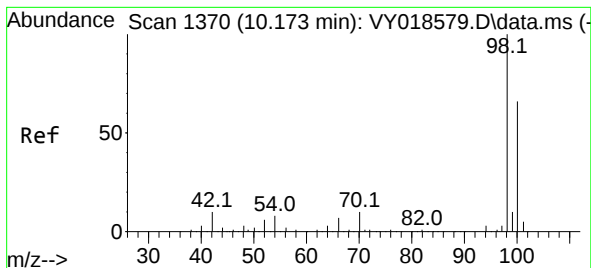
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 17.9 15.9 23.9

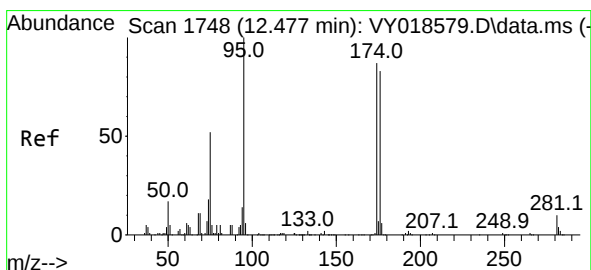
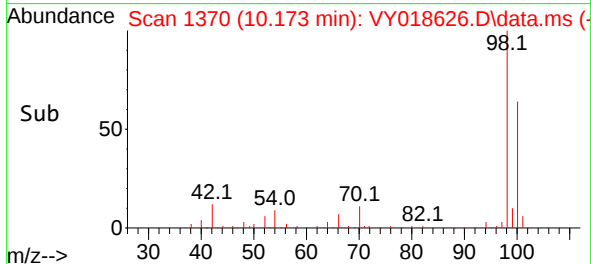
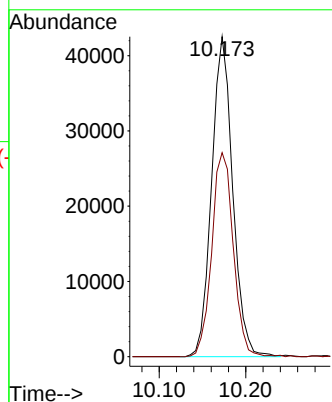
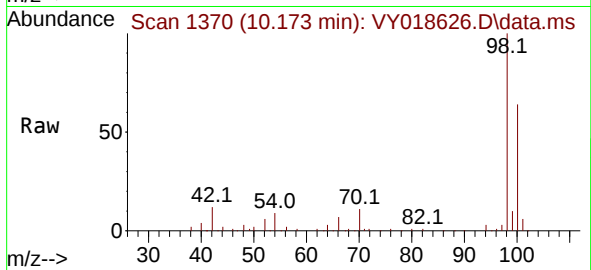




#50
Toluene-d8
Concen: 48.670 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

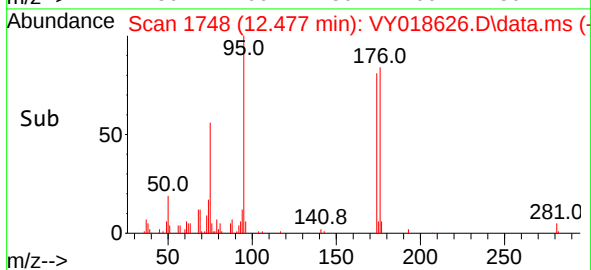
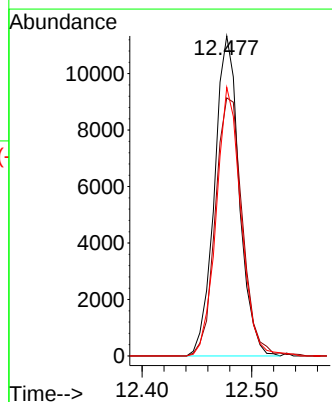
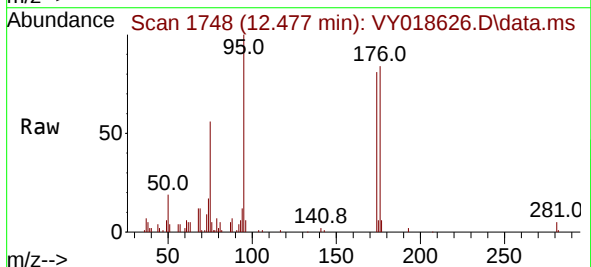
Instrument :
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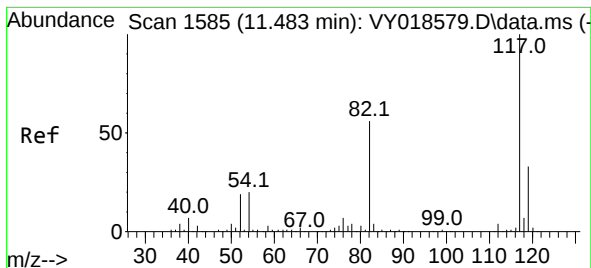
Tgt Ion: 98 Resp: 71852
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.172 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

Tgt Ion: 95 Resp: 17795
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.6
176 84.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018626.D

Acq: 18 Jun 2024 12:44

Instrument :

MSVOA_Y

ClientSampleId :

ROAD

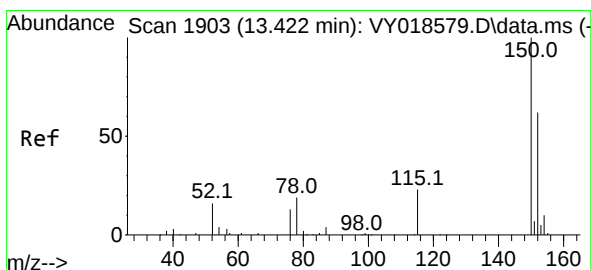
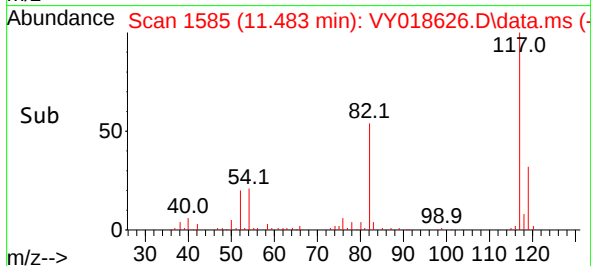
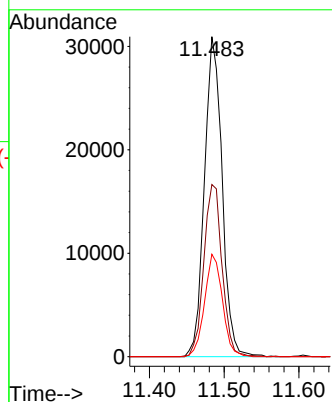
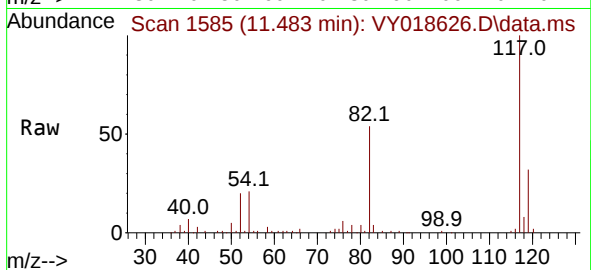
Tgt Ion:117 Resp: 50941

Ion Ratio Lower Upper

117 100

82 53.8 42.4 63.6

119 32.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018626.D

Acq: 18 Jun 2024 12:44

Tgt Ion:152 Resp: 16362

Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 158.0 0.0 345.6

