

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018686.D
 Acq On : 25 Jun 2024 14:17
 Operator : SY/MD
 Sample : P3021-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS20-008RE

Quant Time: Jun 26 02:36:41 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	66177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	105095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	84223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	27972	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24802	37.225	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.460%
35) Dibromofluoromethane	7.710	113	31428	49.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.173	98	117870	47.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.477	95	28406	36.487	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.980%

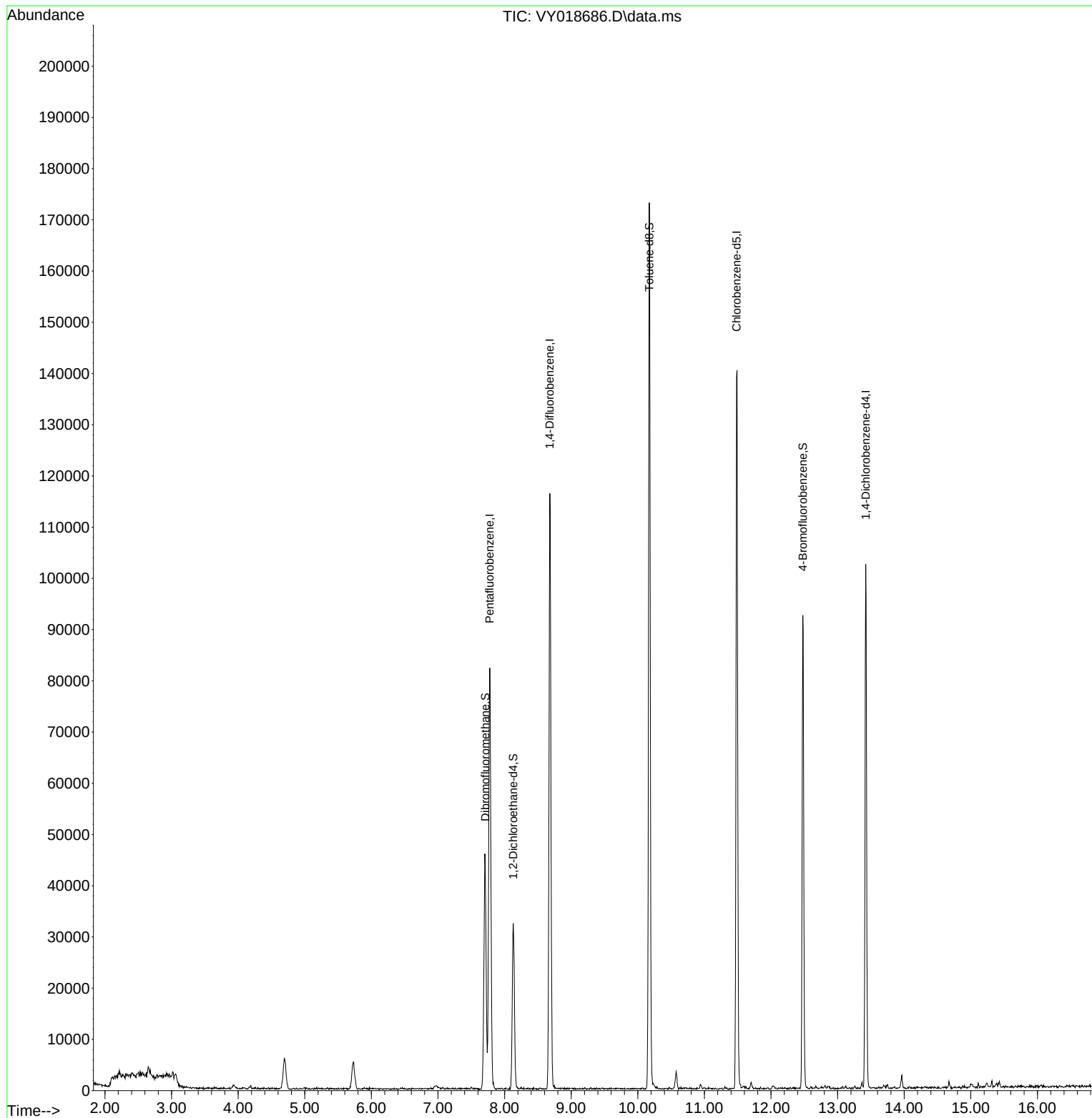
Target Compounds	Qvalue

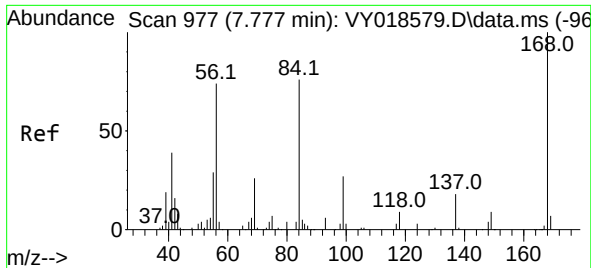
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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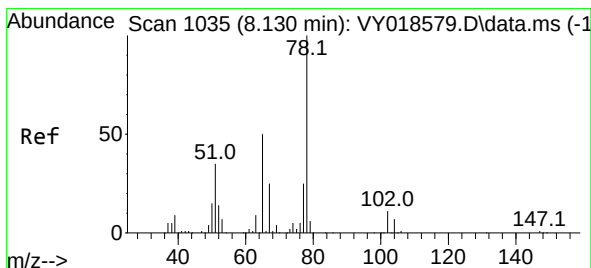
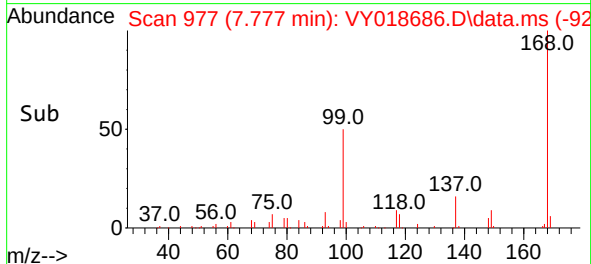
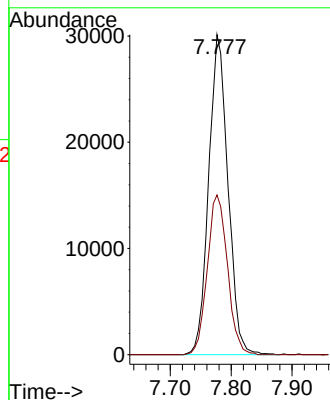
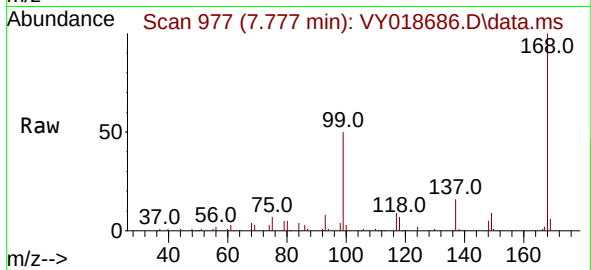




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

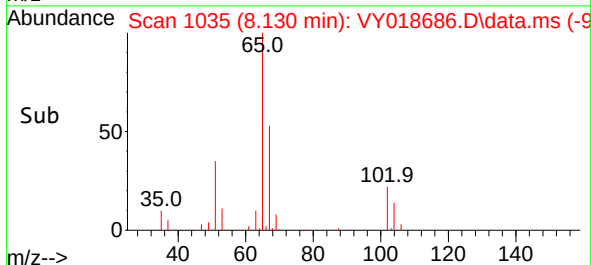
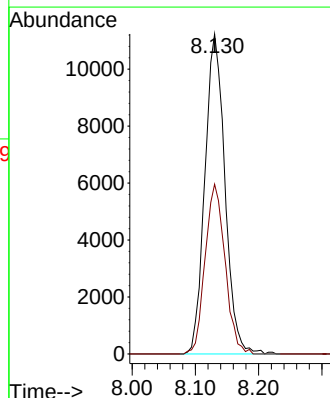
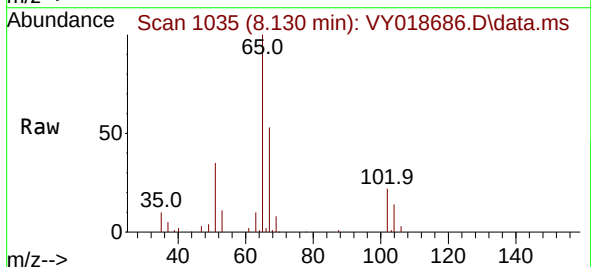
Instrument :
MSVOA_Y
ClientSampleId :
ARS20-008RE

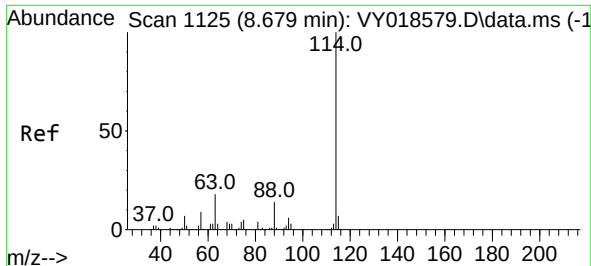
Tgt Ion:168 Resp: 66177
Ion Ratio Lower Upper
168 100
99 49.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 37.225 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

Tgt Ion: 65 Resp: 24802
Ion Ratio Lower Upper
65 100
67 52.7 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: VY018686.D

Acq: 25 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ARS20-008RE

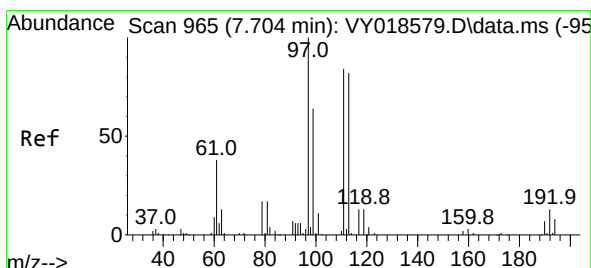
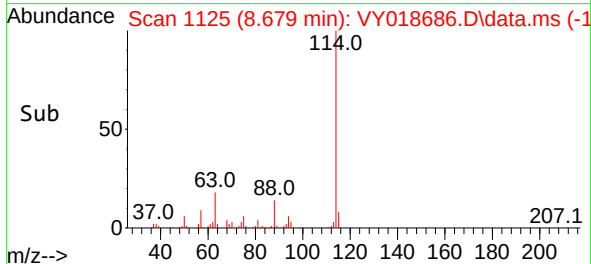
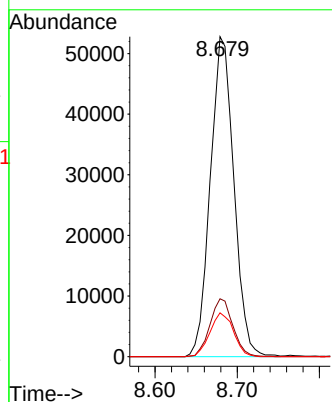
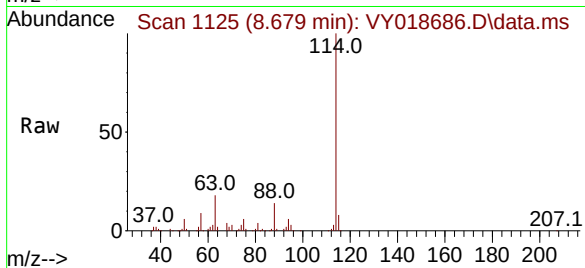
Tgt Ion:114 Resp: 105095

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.022 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018686.D

Acq: 25 Jun 2024 14:17

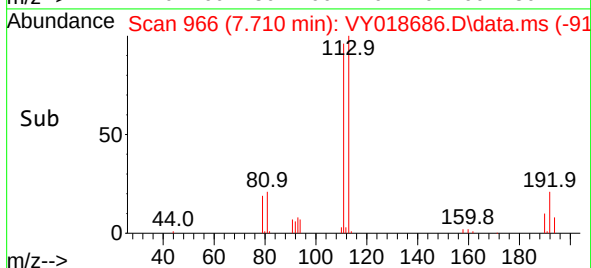
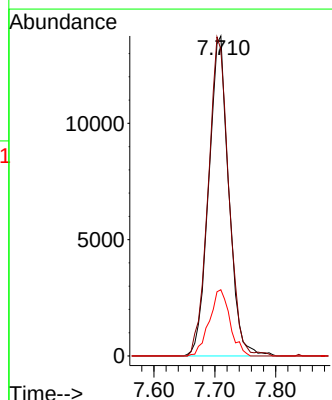
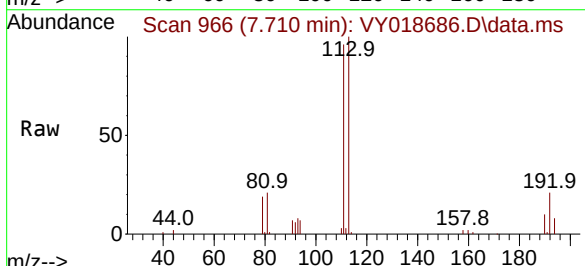
Tgt Ion:113 Resp: 31428

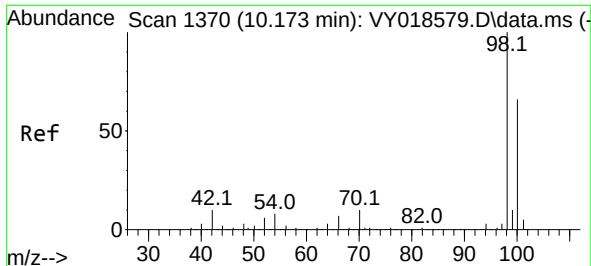
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 21.4 15.9 23.9

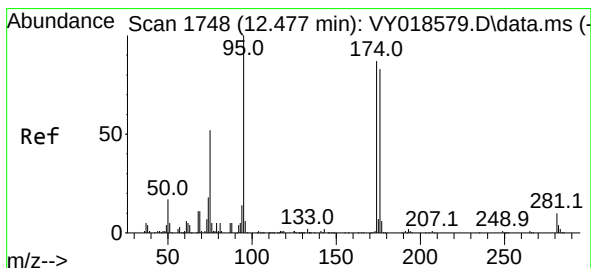
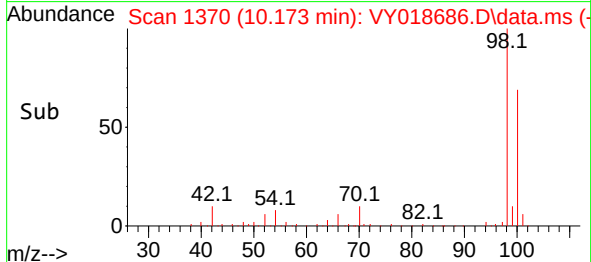
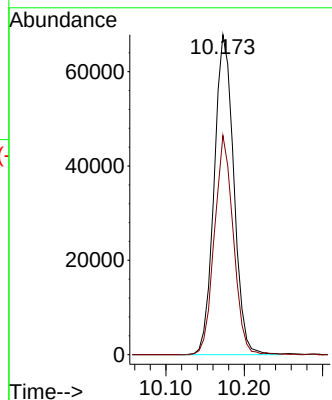
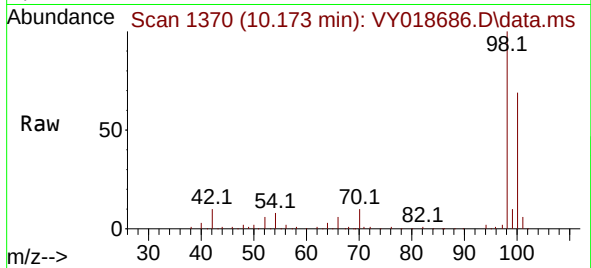




#50
Toluene-d8
Concen: 47.809 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

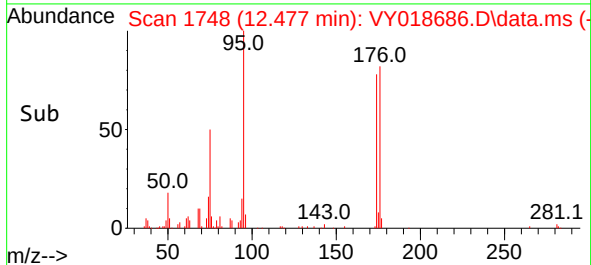
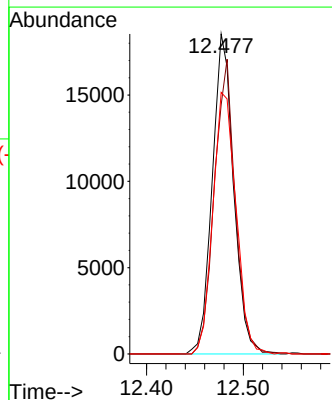
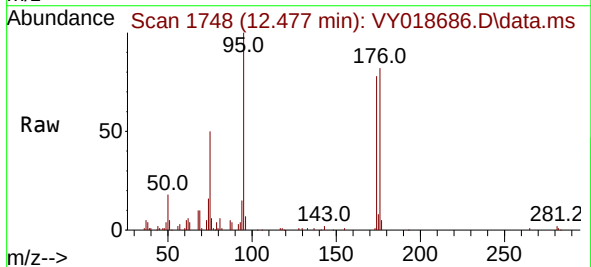
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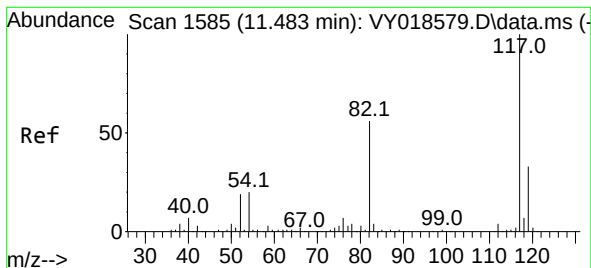
Tgt Ion: 98 Resp: 117870
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.487 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

Tgt Ion: 95 Resp: 28406
Ion Ratio Lower Upper
95 100
174 90.0 0.0 175.6
176 88.7 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: VY018686.D

Acq: 25 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :

ARS20-008RE

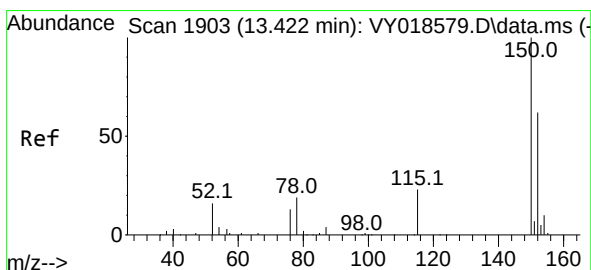
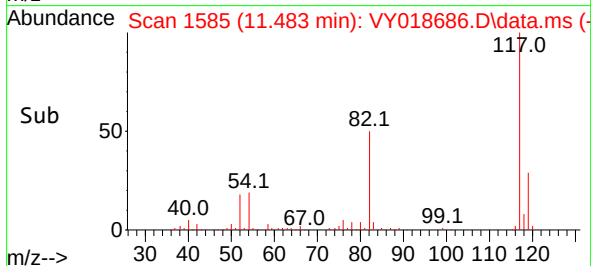
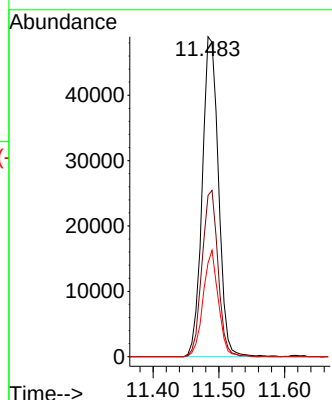
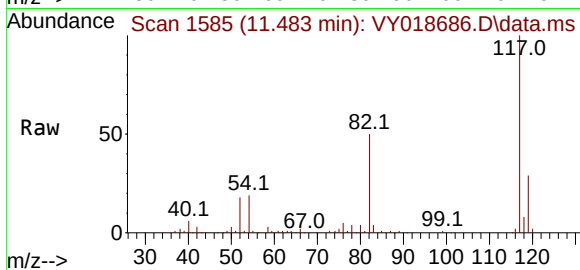
Tgt Ion:117 Resp: 84223

Ion Ratio Lower Upper

117 100

82 50.4 42.4 63.6

119 29.3 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: VY018686.D

Acq: 25 Jun 2024 14:17

Tgt Ion:152 Resp: 27972

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 157.5 0.0 345.6

