

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
 Data File : VY018726.D
 Acq On : 28 Jun 2024 11:06
 Operator : SY/MD
 Sample : VY0628SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0628SBL01

Quant Time: Jul 01 01:43:51 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	7.776	168	120637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	194289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73274	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	57102	47.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.020%
35) Dibromofluoromethane	7.709	113	66256	50.326	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.660%
50) Toluene-d8	10.178	98	251252	49.626	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.477	95	72877	45.585	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.160%

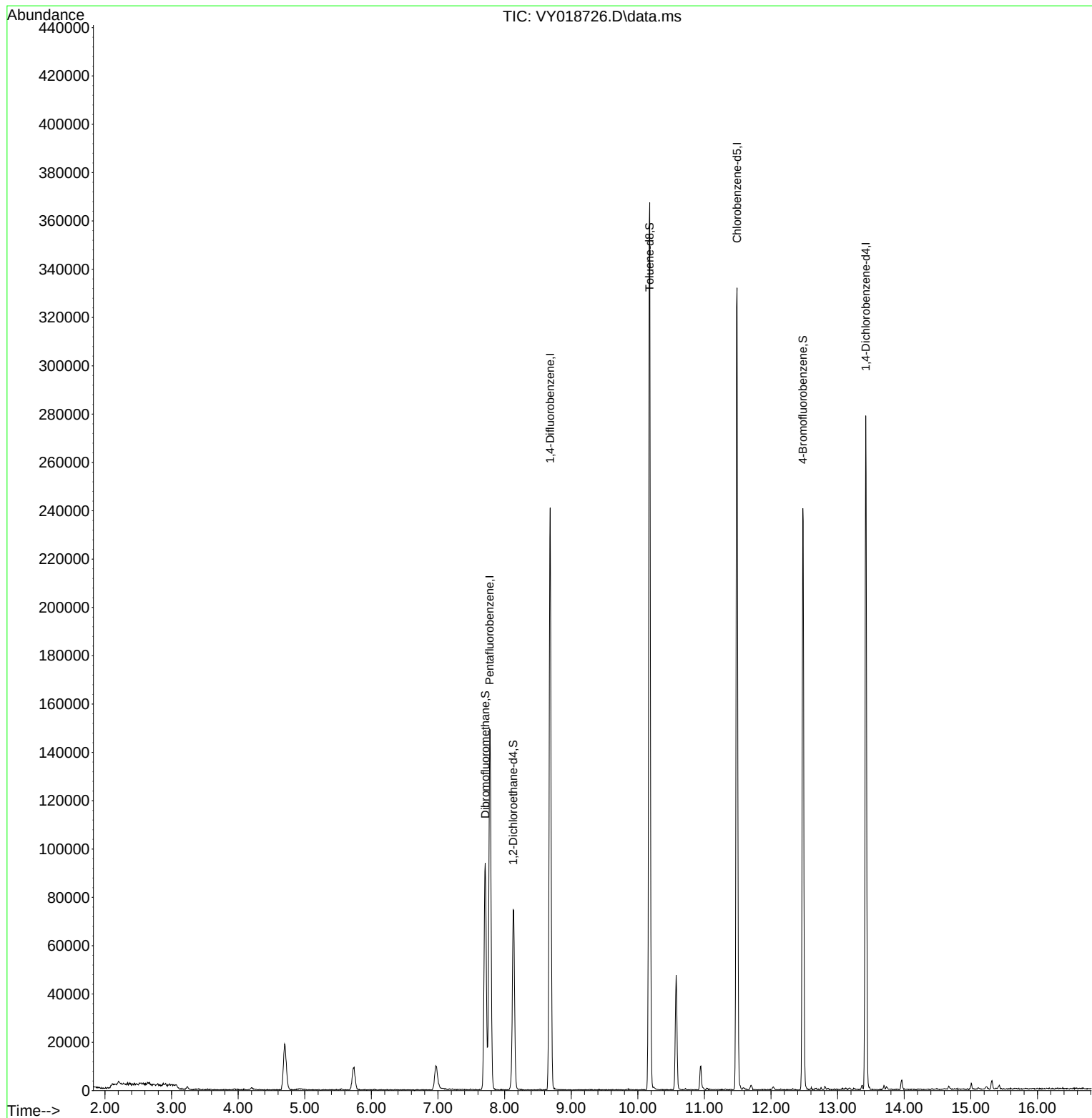
Target Compounds	Qvalue

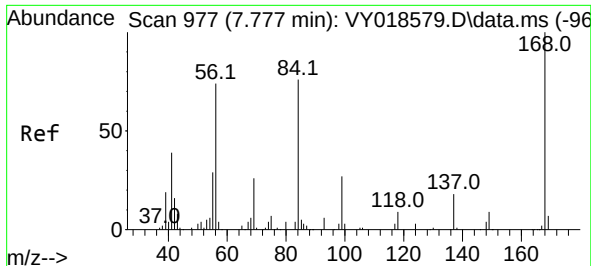
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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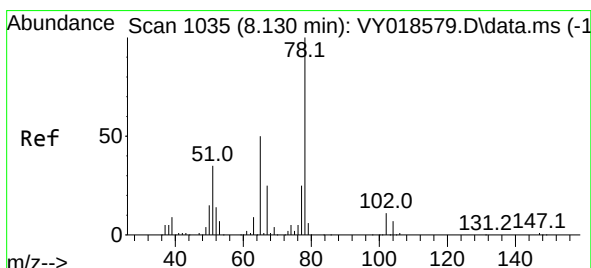
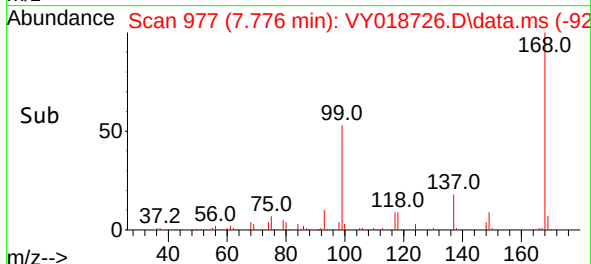
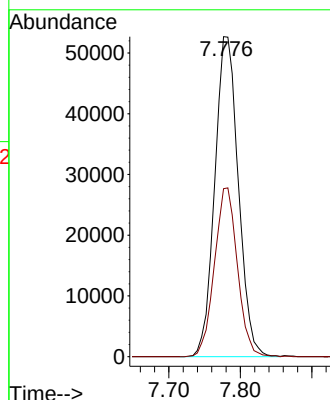
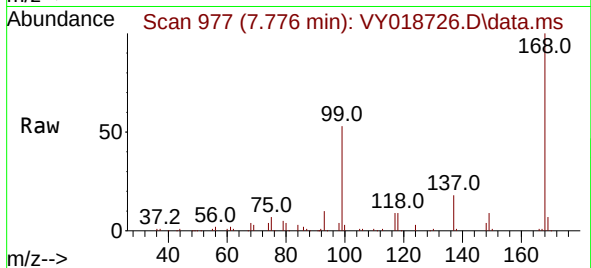




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018726.D
Acq: 28 Jun 2024 11:06

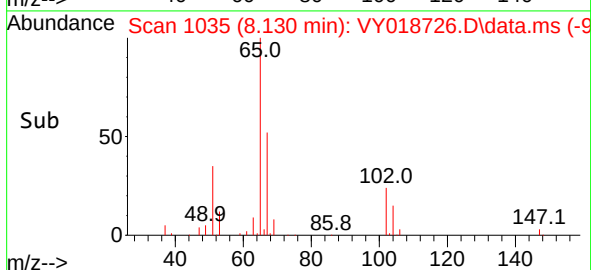
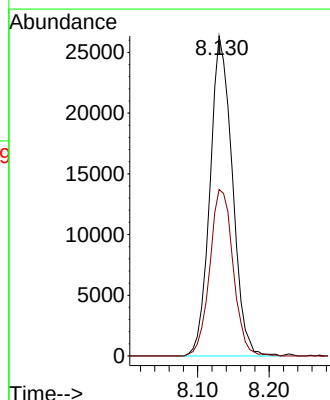
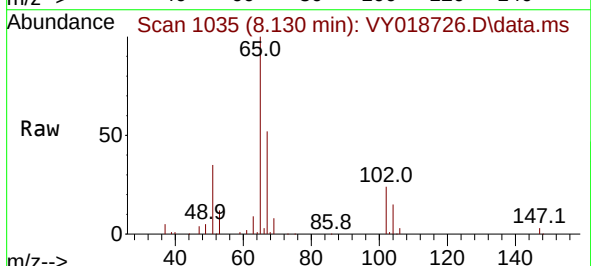
Instrument :
MSVOA_Y
ClientSampleId :
VY0628SBL01

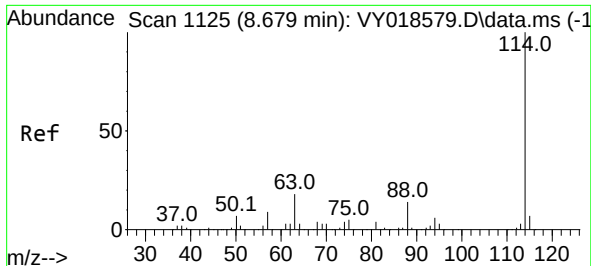
Tgt Ion:168 Resp: 120637
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.014 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018726.D
Acq: 28 Jun 2024 11:06

Tgt Ion: 65 Resp: 57102
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY018726.D

Acq: 28 Jun 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0628SBL01

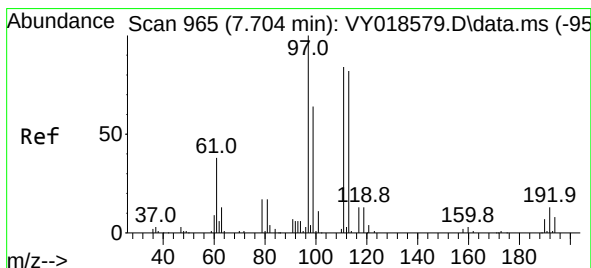
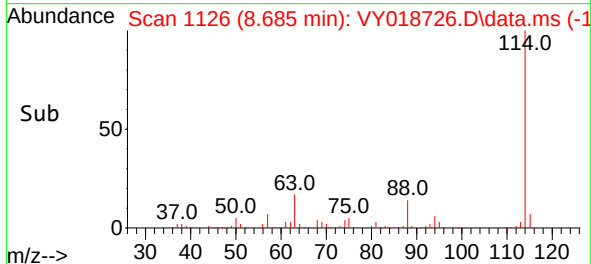
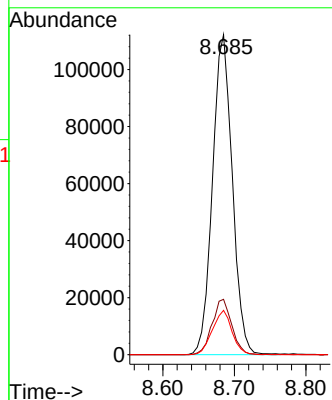
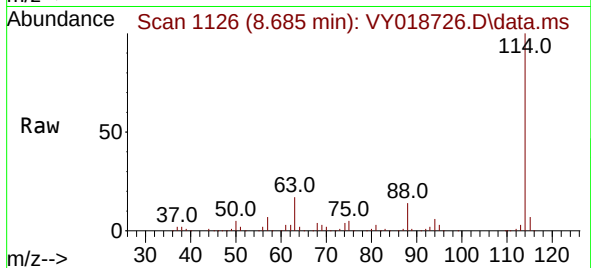
Tgt Ion:114 Resp: 215818

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.326 ug/l

RT: 7.709 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018726.D

Acq: 28 Jun 2024 11:06

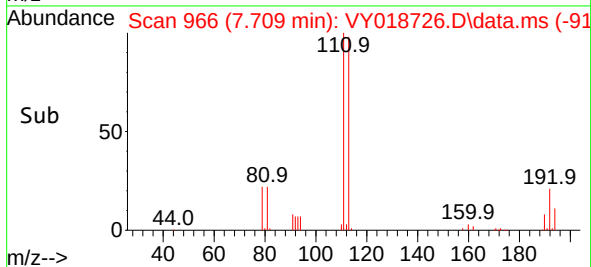
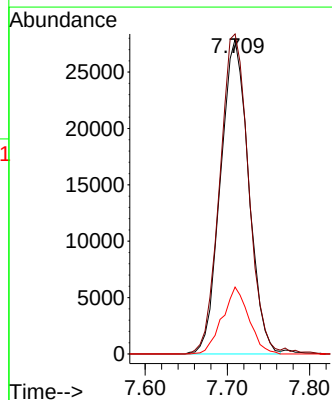
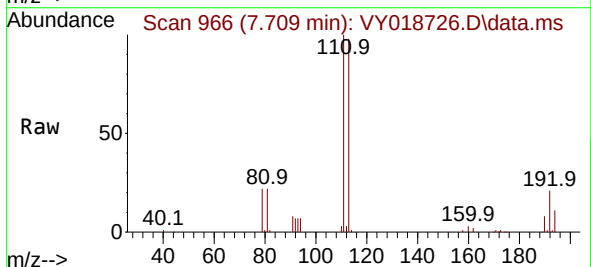
Tgt Ion:113 Resp: 66256

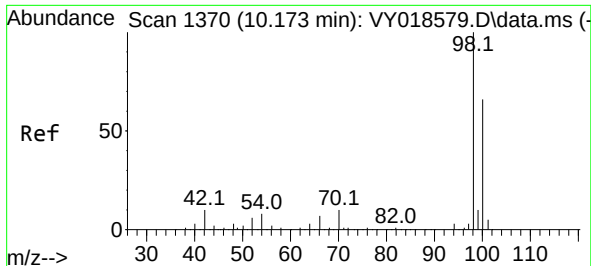
Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

192 20.1 15.9 23.9

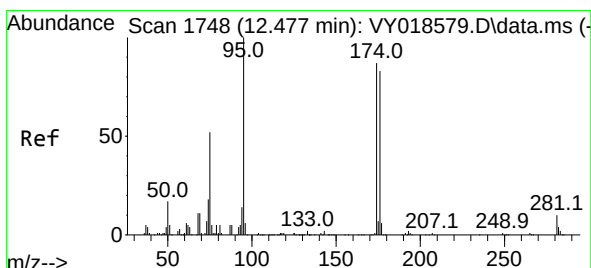
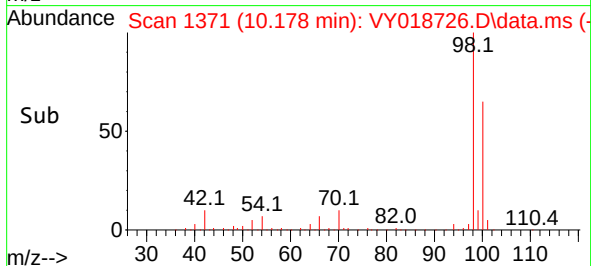
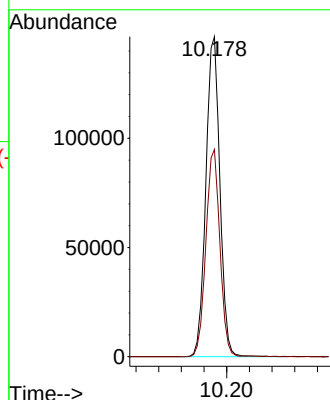
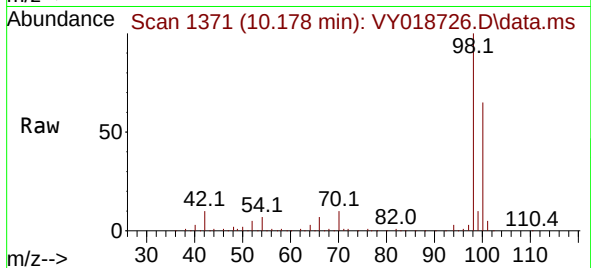




#50
Toluene-d8
Concen: 49.626 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018726.D
Acq: 28 Jun 2024 11:06

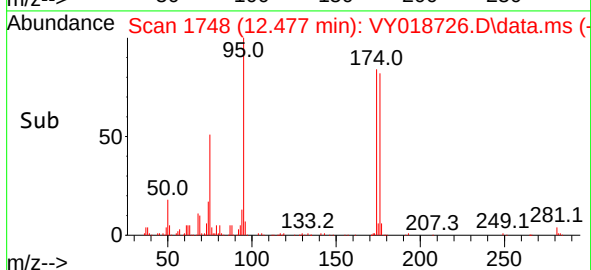
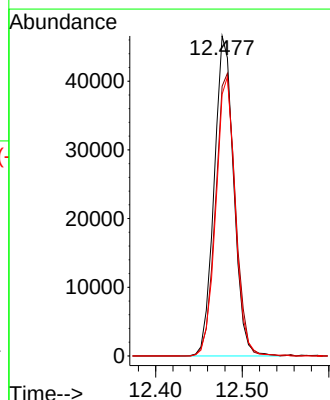
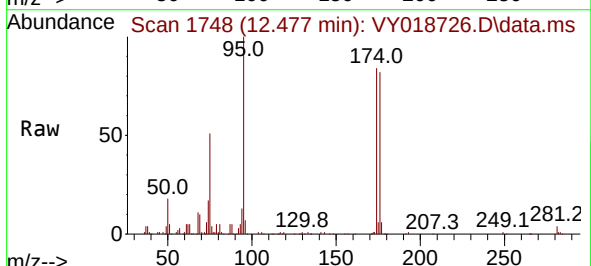
Instrument :
MSVOA_Y
ClientSampleId :
VY0628SBL01

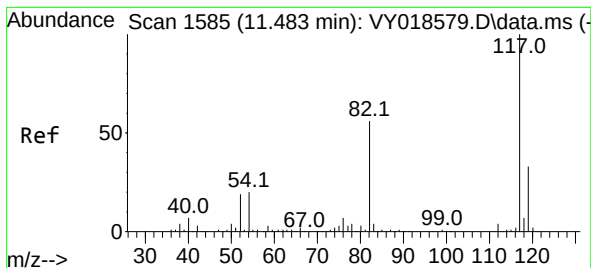
Tgt Ion: 98 Resp: 251252
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.585 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018726.D
Acq: 28 Jun 2024 11:06

Tgt Ion: 95 Resp: 72877
Ion Ratio Lower Upper
95 100
174 90.1 0.0 175.6
176 86.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018726.D

Acq: 28 Jun 2024 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0628SBL01

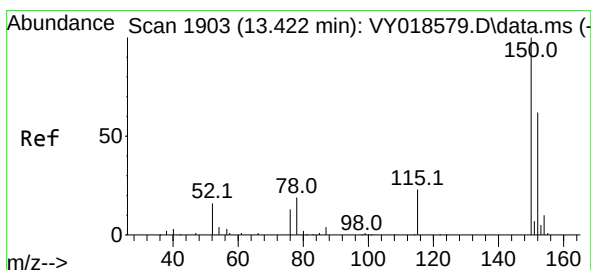
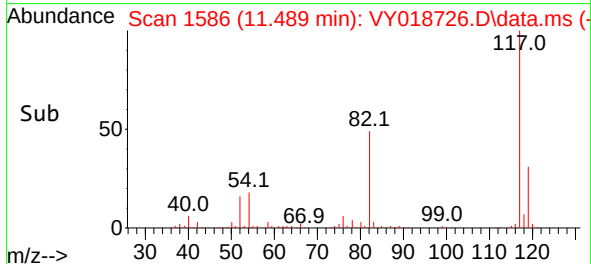
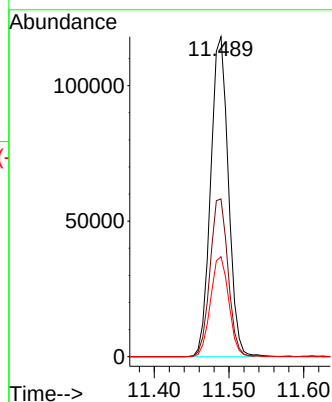
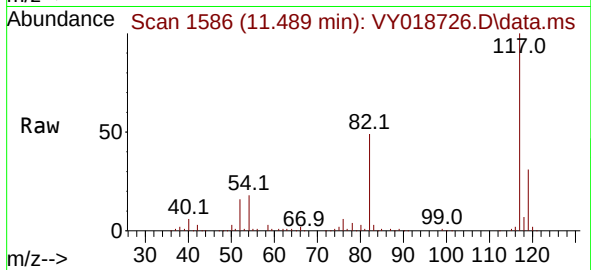
Tgt Ion:117 Resp: 194289

Ion Ratio Lower Upper

117 100

82 49.3 42.4 63.6

119 31.3 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: VY018726.D

Acq: 28 Jun 2024 11:06

Tgt Ion:152 Resp: 73274

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 160.3 0.0 345.6

