

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018913.D
 Acq On : 25 Jul 2024 12:21
 Operator : SY/MD
 Sample : VY0725SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBL01

Quant Time: Jul 26 06:05:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	96091	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	153147	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.563	117	133333	50.000	ug/l	0.08
72) 1,4-Dichlorobenzene-d4	13.532	152	63064	50.000	ug/l	0.11

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	50590	53.503	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.000%
35) Dibromofluoromethane	7.728	113	52369	54.597	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.200%
50) Toluene-d8	10.228	98	177267	48.780	ug/l	0.05
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.569	95	59292	47.777	ug/l	0.09
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.560%

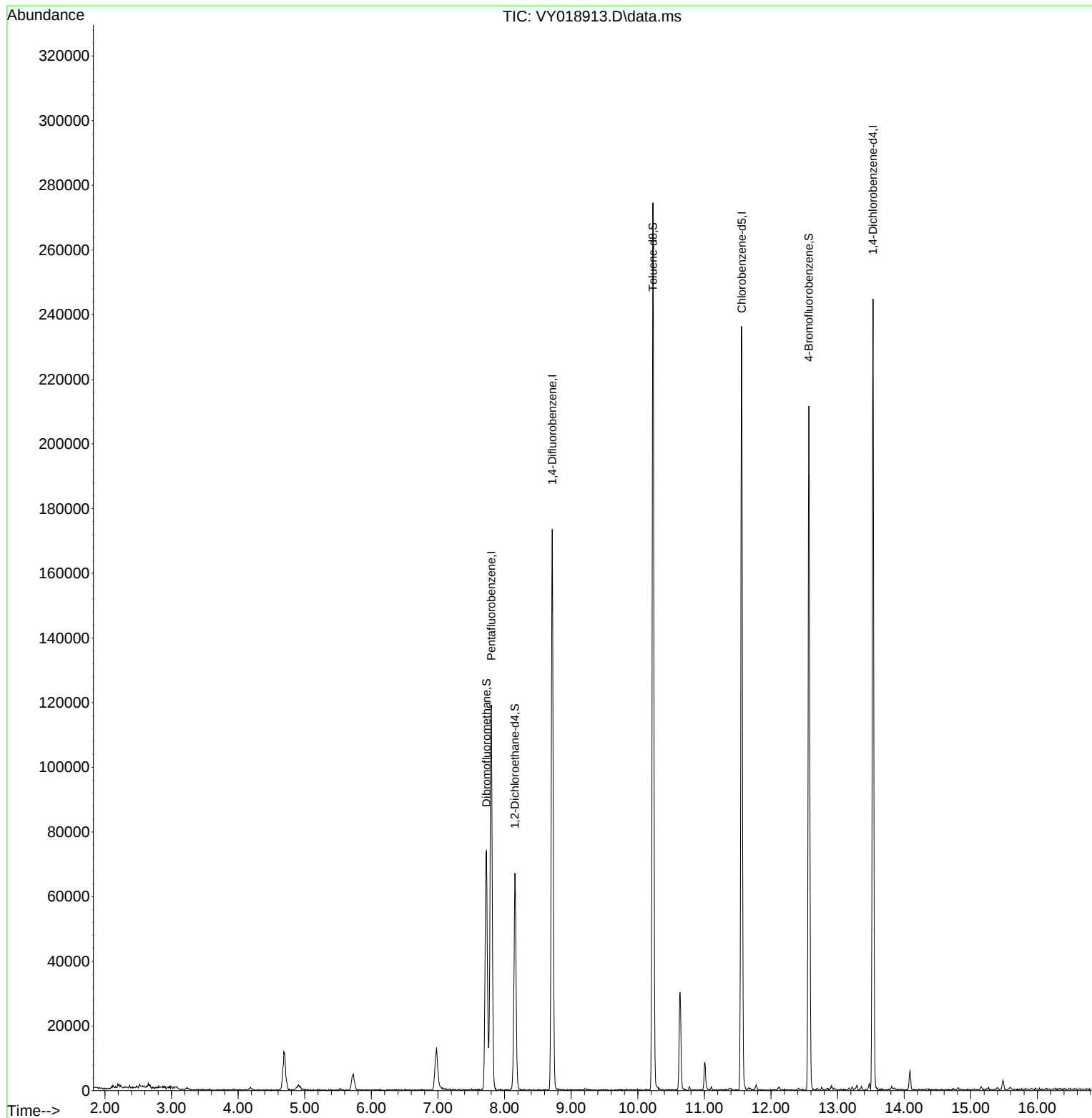
Target Compounds	Qvalue

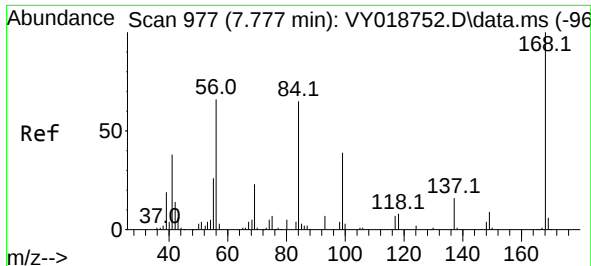
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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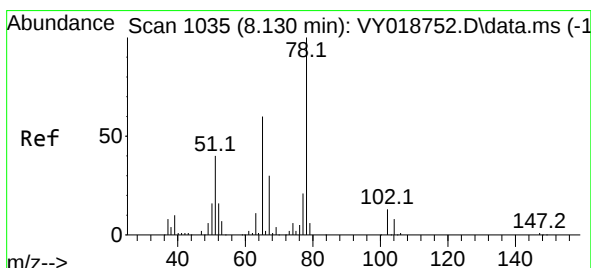
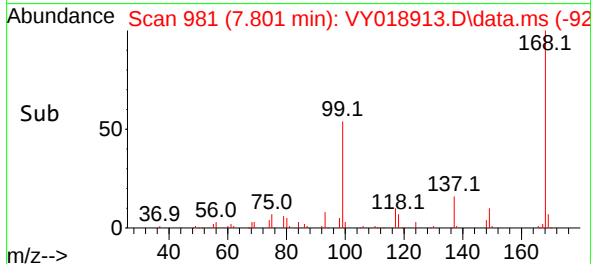
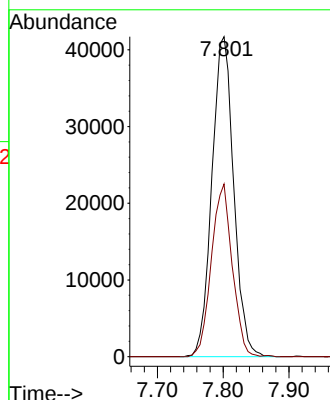
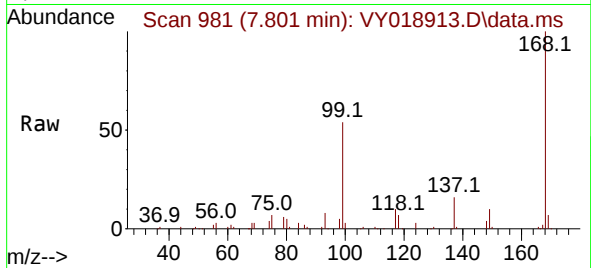




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

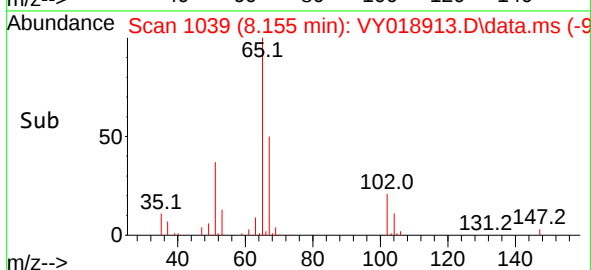
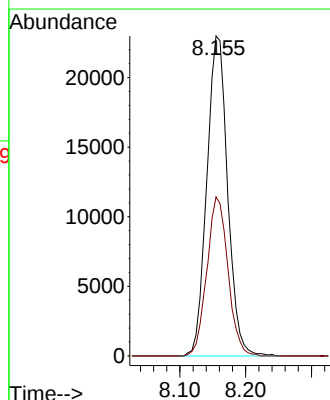
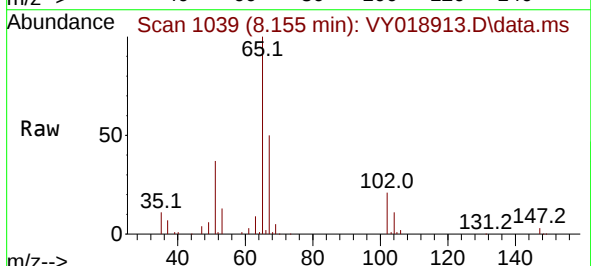
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

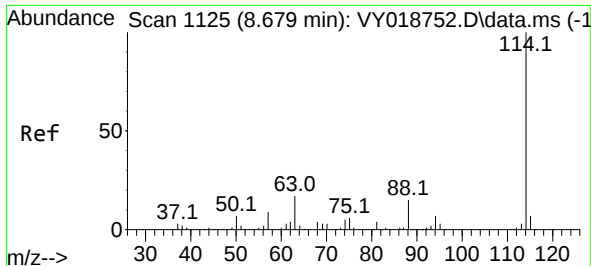
Tgt Ion:168 Resp: 96091
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.503 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.025 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

Tgt Ion: 65 Resp: 50590
Ion Ratio Lower Upper
65 100
67 50.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.037 min

Lab File: VY018913.D

Acq: 25 Jul 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBL01

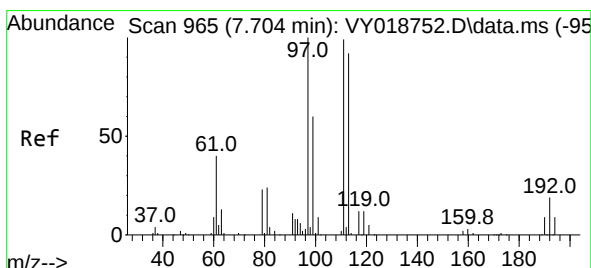
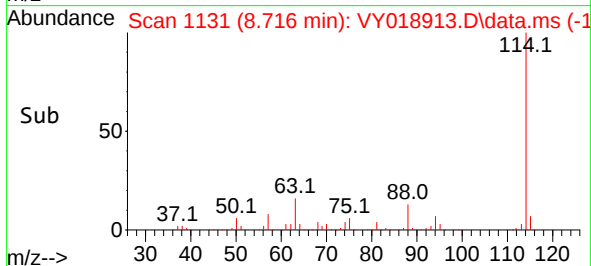
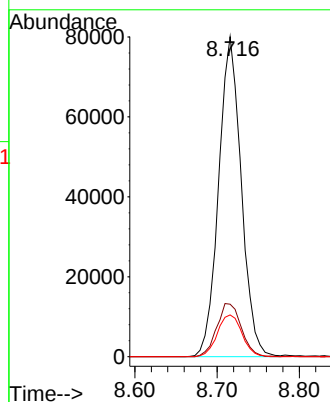
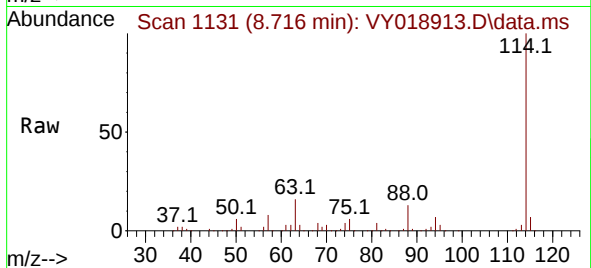
Tgt Ion:114 Resp: 153147

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.597 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.025 min

Lab File: VY018913.D

Acq: 25 Jul 2024 12:21

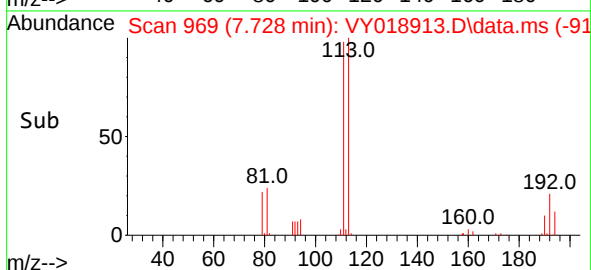
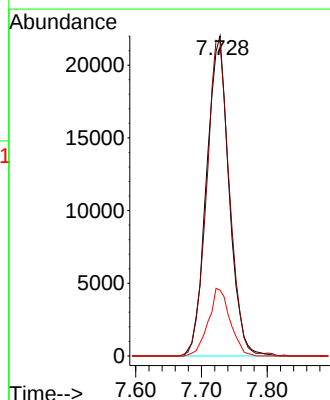
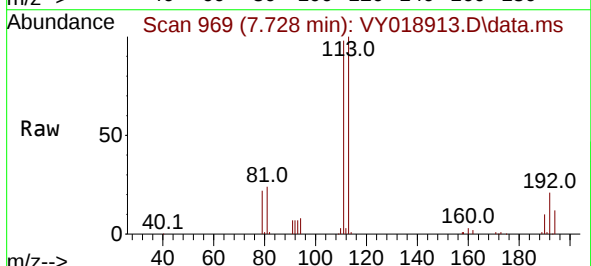
Tgt Ion:113 Resp: 52369

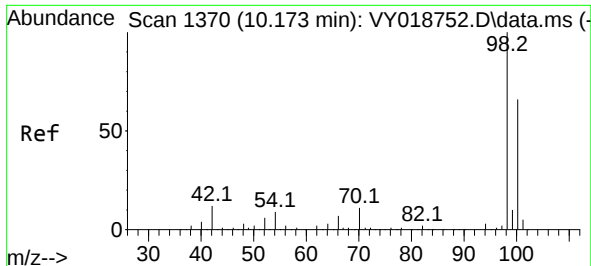
Ion Ratio Lower Upper

113 100

111 99.6 82.2 123.4

192 20.4 15.9 23.9

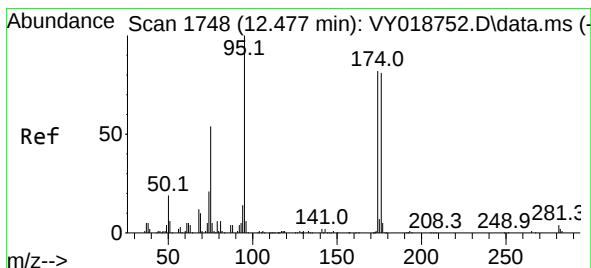
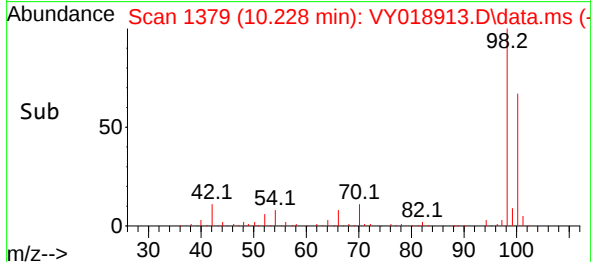
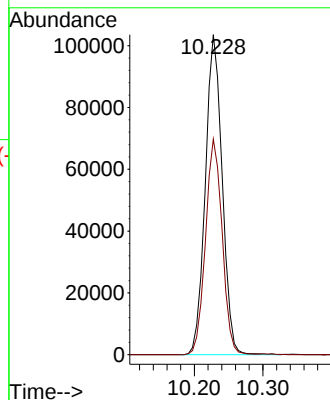
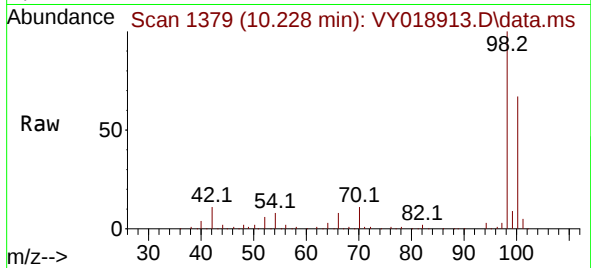




#50
Toluene-d8
Concen: 48.780 ug/l
RT: 10.228 min Scan# 11
Delta R.T. 0.055 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

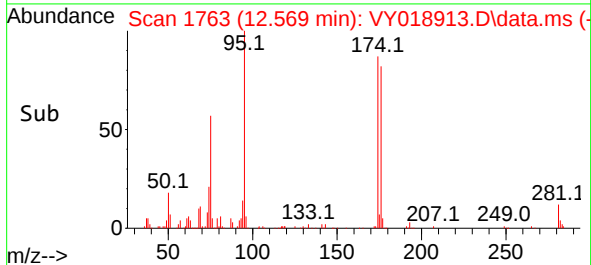
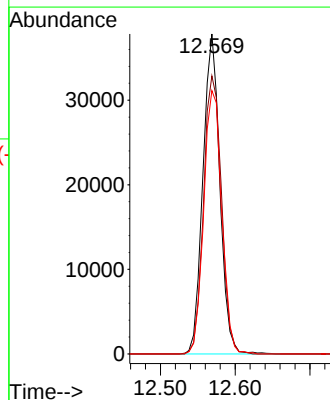
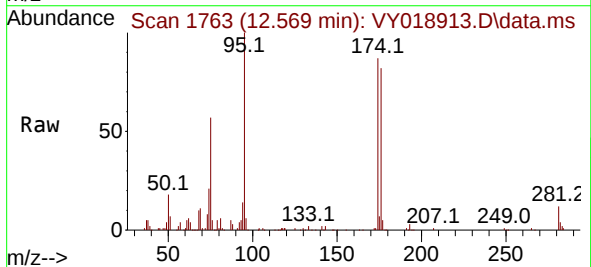
Instrument :
MSVOA_Y
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VY0725SBL01

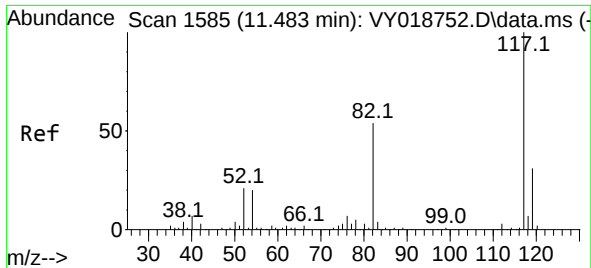
Tgt Ion: 98 Resp: 177267
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.777 ug/l
RT: 12.569 min Scan# 1763
Delta R.T. 0.092 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

Tgt Ion: 95 Resp: 59292
Ion Ratio Lower Upper
95 100
174 92.3 0.0 175.6
176 87.9 0.0 171.4

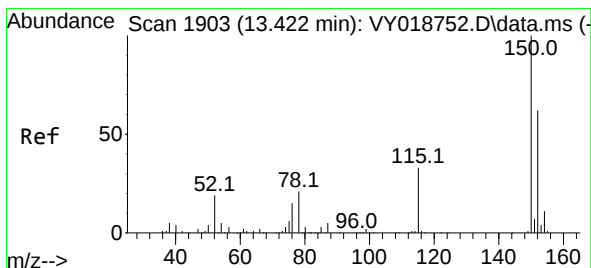
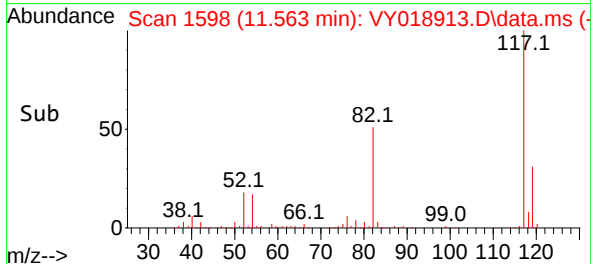
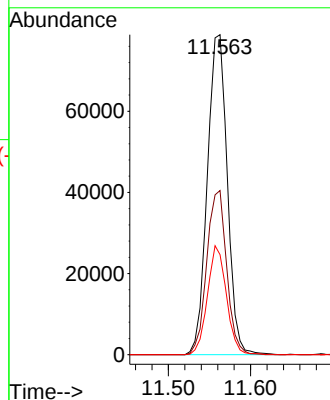
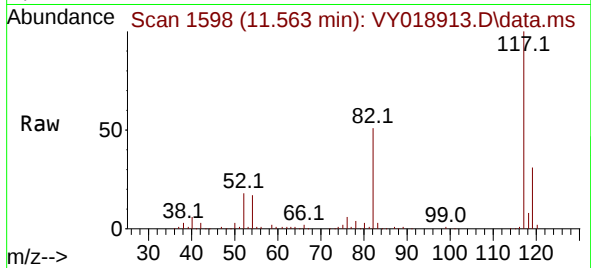




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.563 min Scan# 11
Delta R.T. 0.079 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

Tgt Ion:117 Resp: 133333
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.532 min Scan# 1921
Delta R.T. 0.110 min
Lab File: VY018913.D
Acq: 25 Jul 2024 12:21

Tgt Ion:152 Resp: 63064
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 152.3 0.0 345.6

