

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018839.D
 Acq On : 16 Jul 2024 18:36
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 17 01:59:44 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	7.777	168	3889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	5685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	4227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	2009	52.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.000%
35) Dibromofluoromethane	7.704	113	1679	47.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.300%
50) Toluene-d8	10.173	98	5985	44.367	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.740%
62) 4-Bromofluorobenzene	12.489	95	1016	22.054	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	44.100%

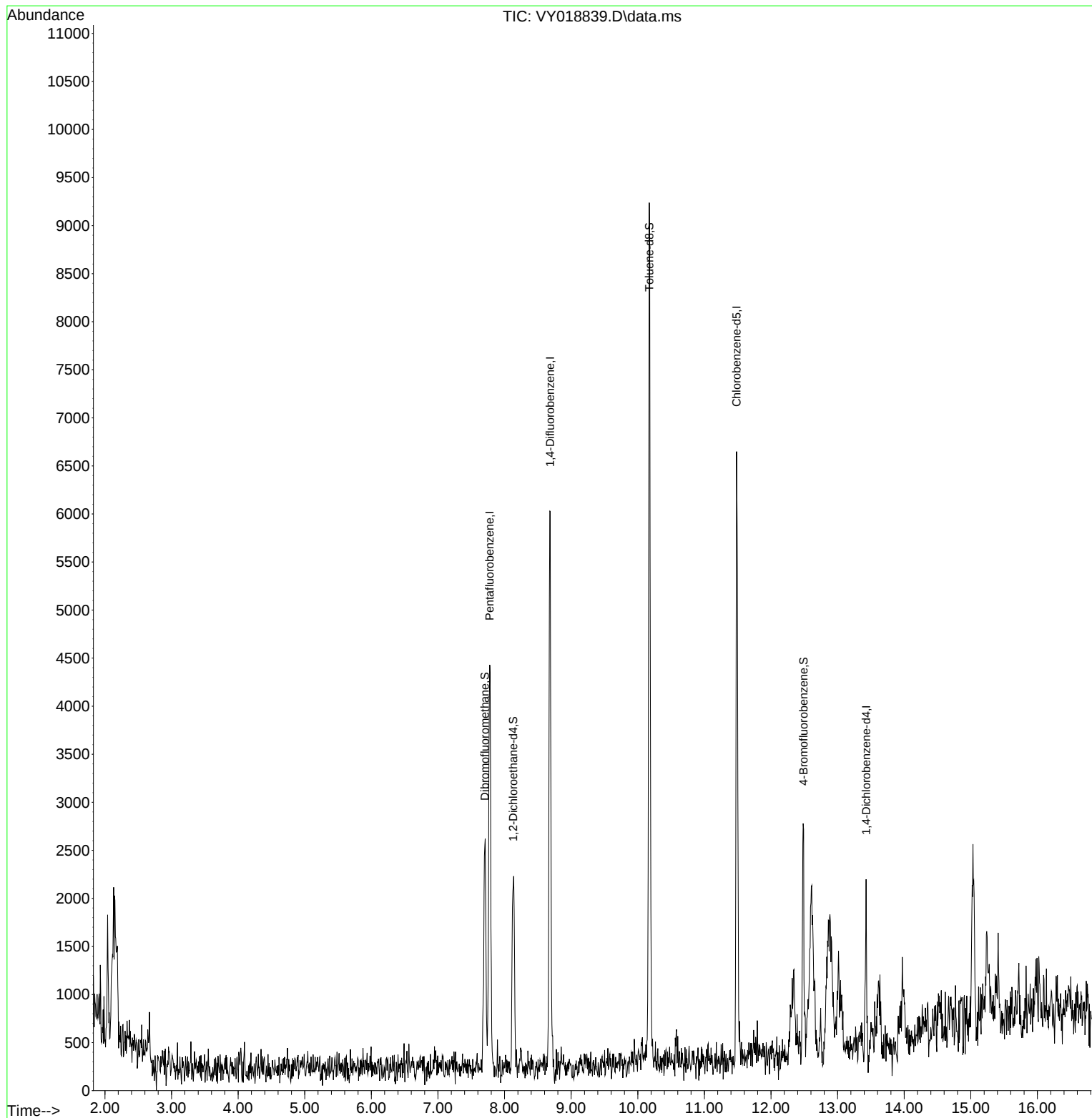
Target Compounds	Qvalue

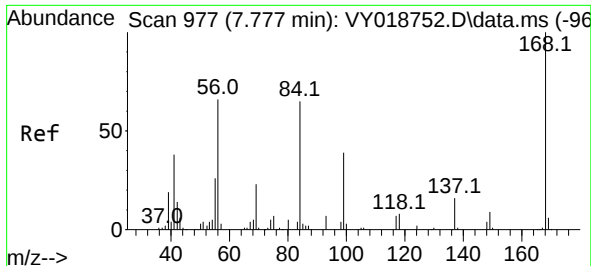
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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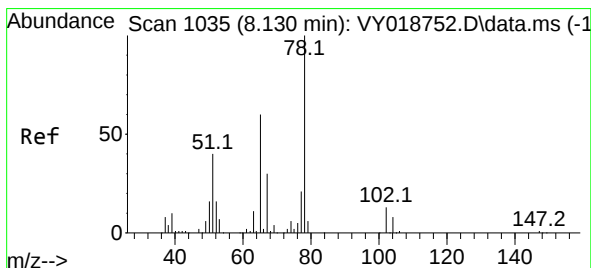
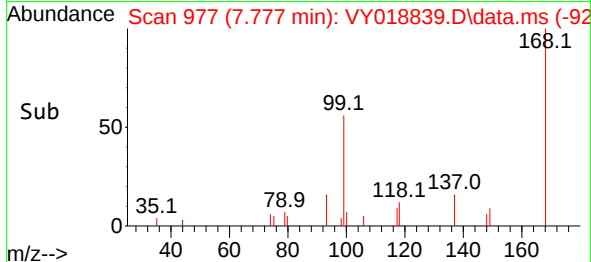
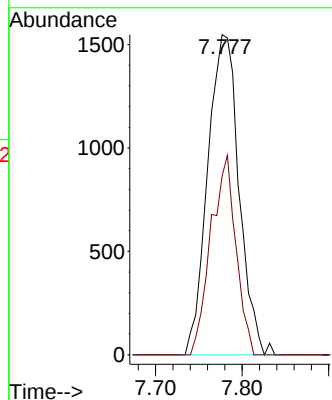
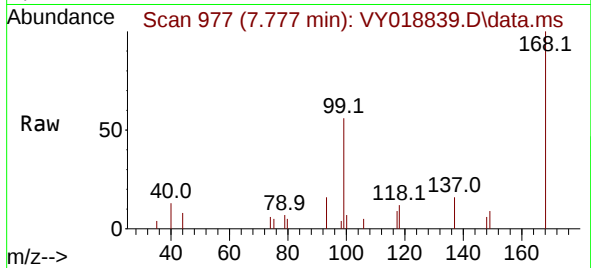




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

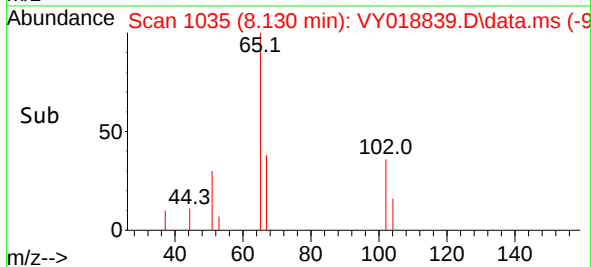
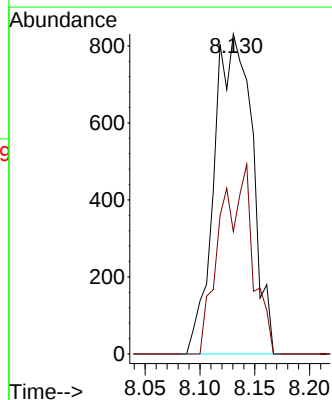
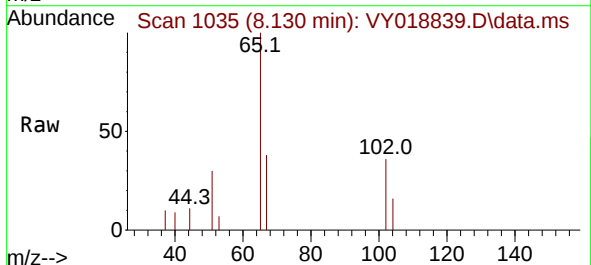
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

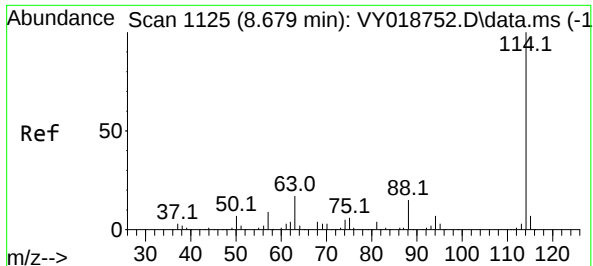
Tgt Ion:168 Resp: 3889
Ion Ratio Lower Upper
168 100
99 55.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.497 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

Tgt Ion: 65 Resp: 2009
Ion Ratio Lower Upper
65 100
67 25.9 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: VY018839.D

Acq: 16 Jul 2024 18:36

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

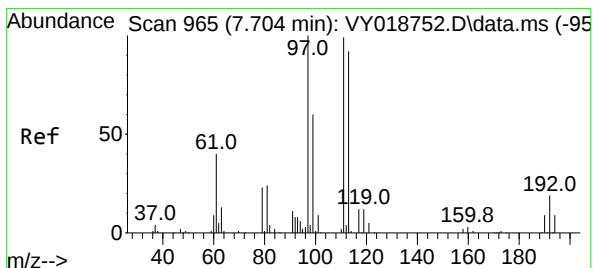
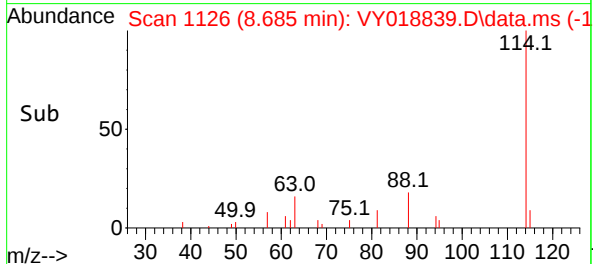
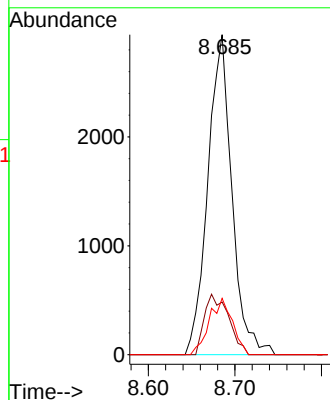
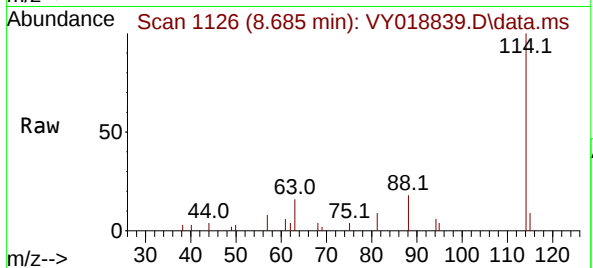
Tgt Ion:114 Resp: 5685

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 17.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.155 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018839.D

Acq: 16 Jul 2024 18:36

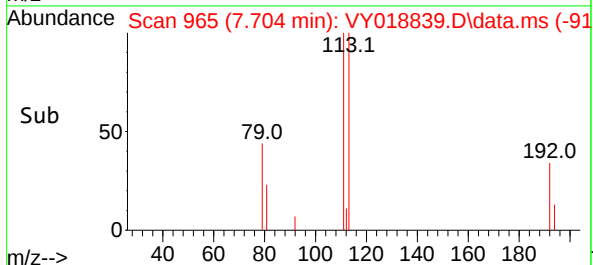
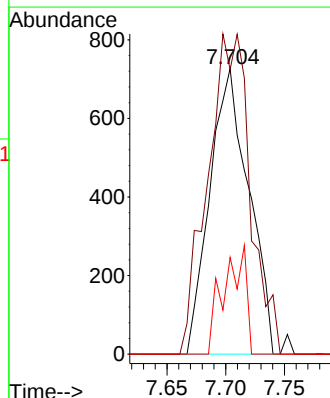
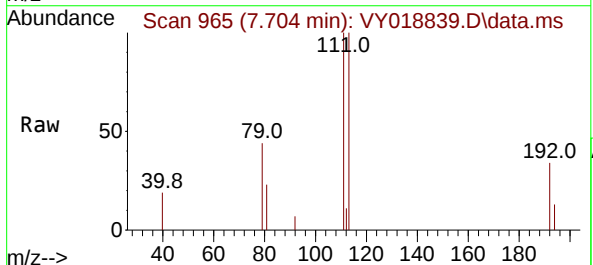
Tgt Ion:113 Resp: 1679

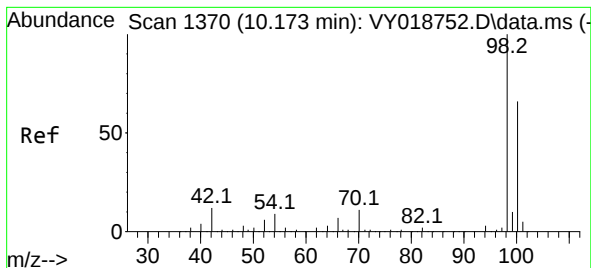
Ion Ratio Lower Upper

113 100

111 122.6 82.2 123.4

192 21.7 15.9 23.9

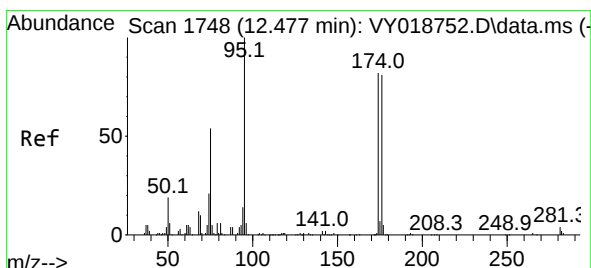
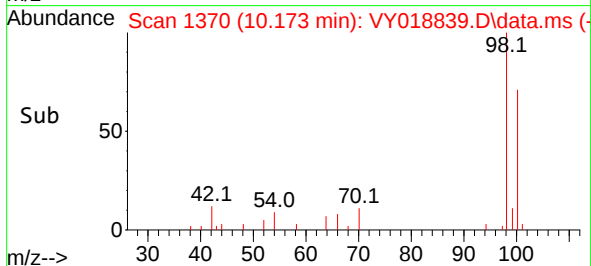
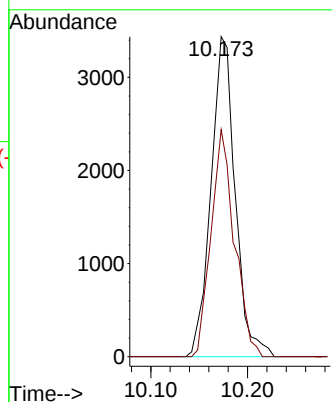
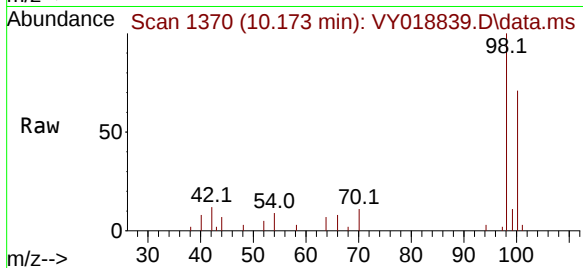




#50
Toluene-d8
Concen: 44.367 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

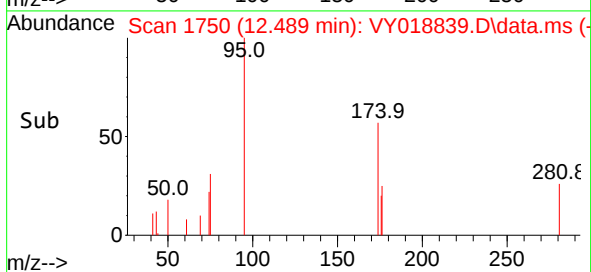
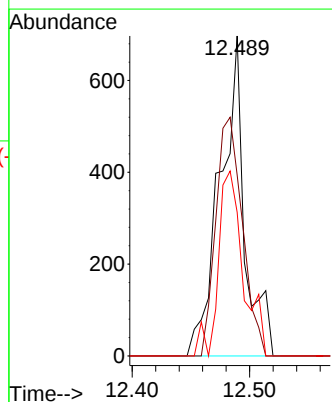
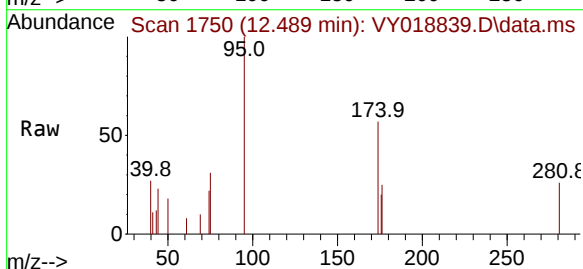
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

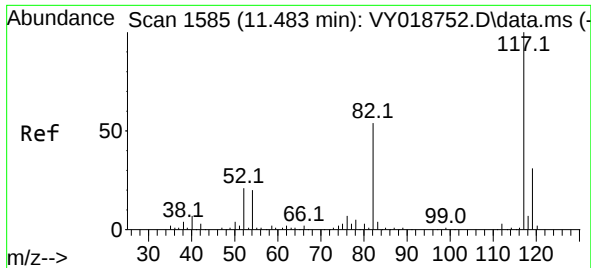
Tgt Ion: 98 Resp: 5985
Ion Ratio Lower Upper
98 100
100 68.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 22.054 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

Tgt Ion: 95 Resp: 1016
Ion Ratio Lower Upper
95 100
174 80.4 0.0 175.6
176 58.2 0.0 171.4

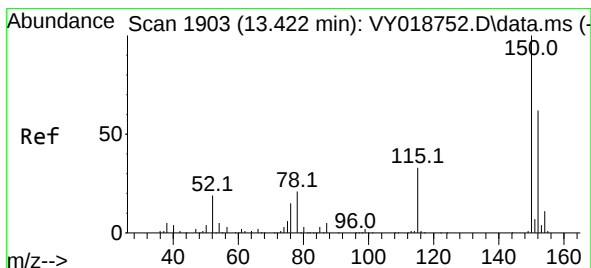
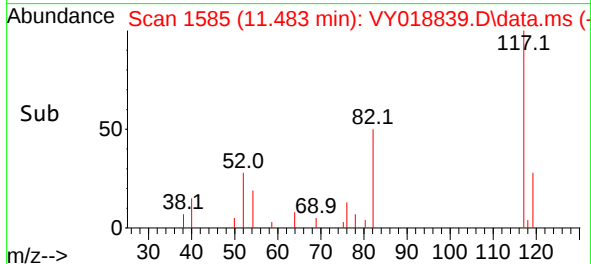
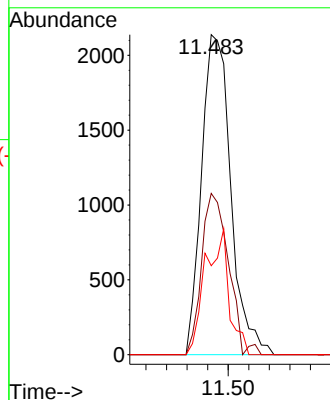
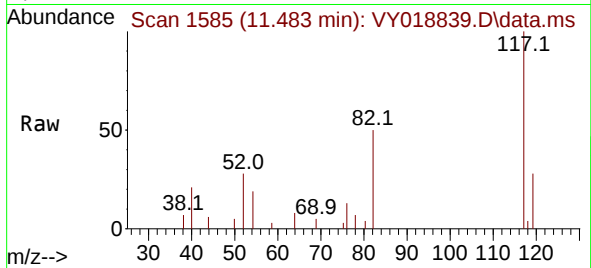




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 4227
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 27.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

Tgt Ion:152 Resp: 571
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 117.7 0.0 345.6

