

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019859.D
 Acq On : 10 Oct 2024 17:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Oct 11 01:45:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	288065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	580909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	513386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	184804	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	178482	50.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.640%
35) Dibromofluoromethane	7.640	113	184763	48.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.400%
50) Toluene-d8	10.103	98	705657	49.848	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.402	95	213410	41.722	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.440%

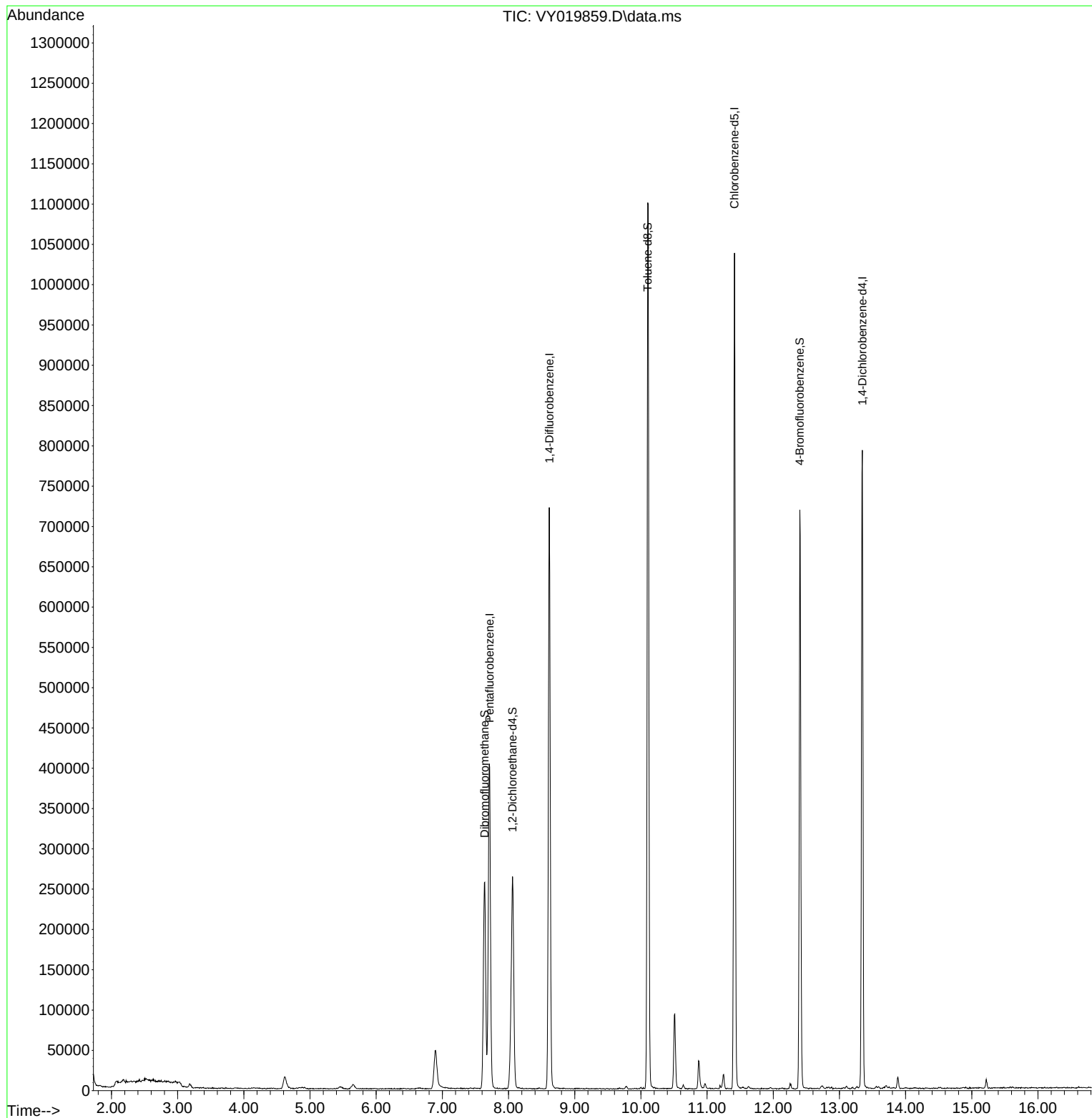
Target Compounds	Qvalue

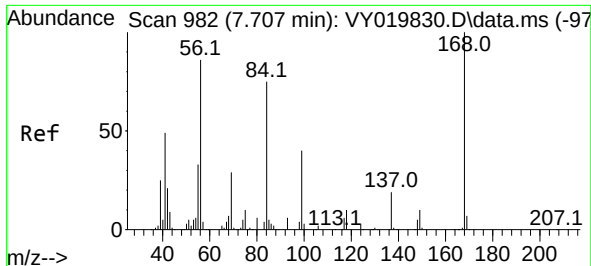
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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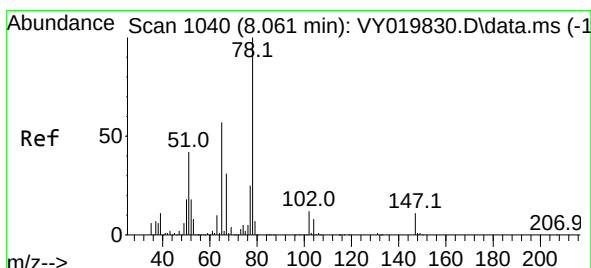
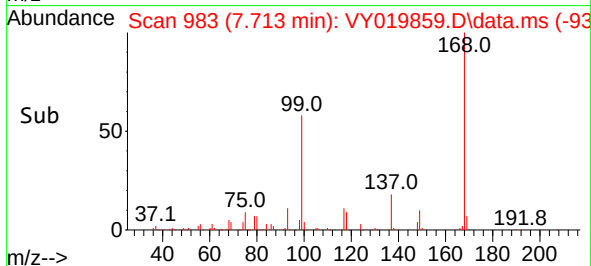
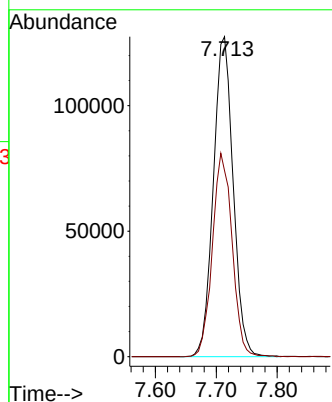
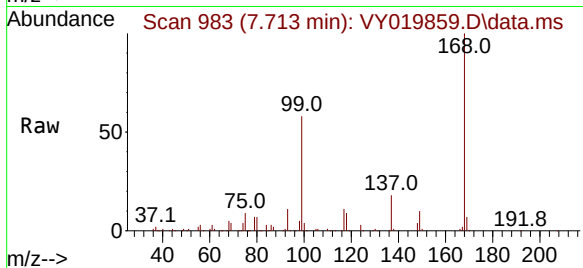




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

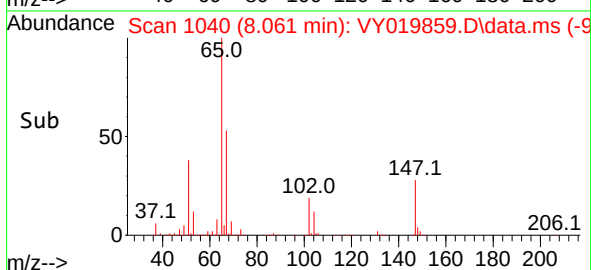
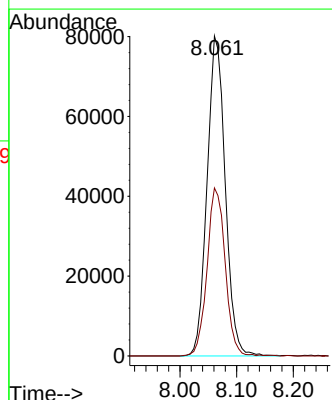
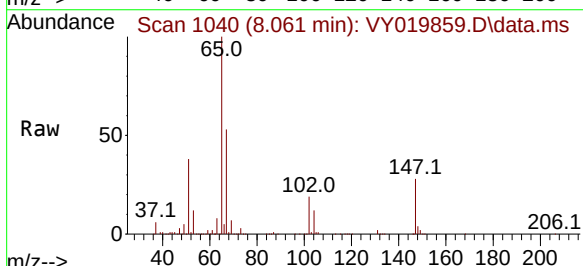
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

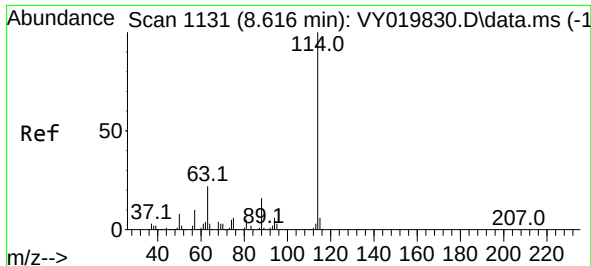
Tgt Ion:168 Resp: 288065
Ion Ratio Lower Upper
168 100
99 58.2 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 50.320 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

Tgt Ion: 65 Resp: 178482
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.0

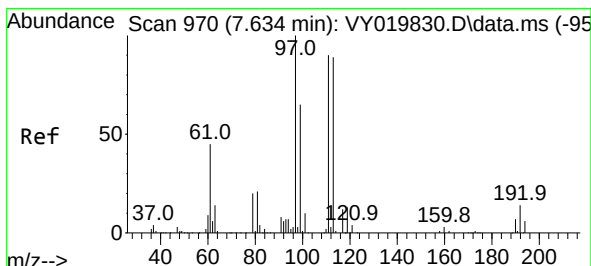
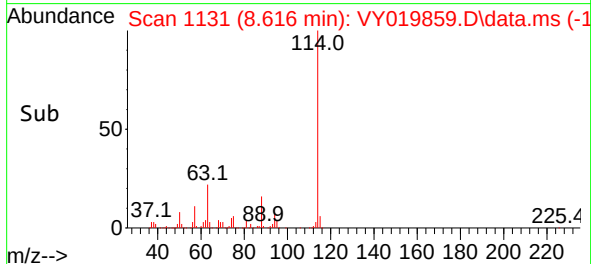
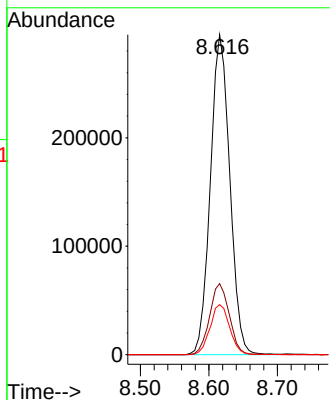
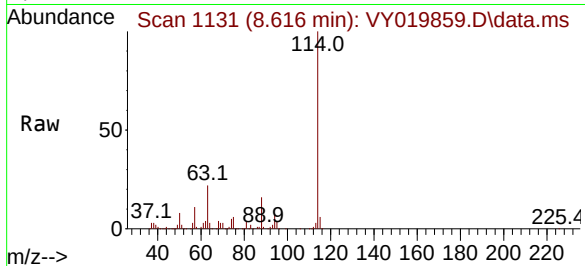




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

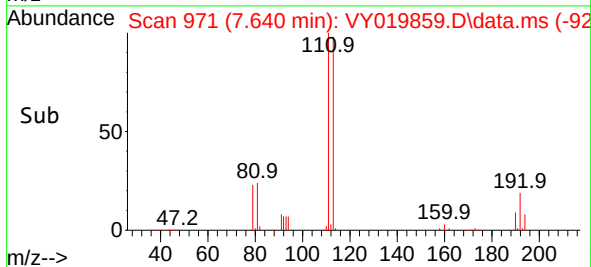
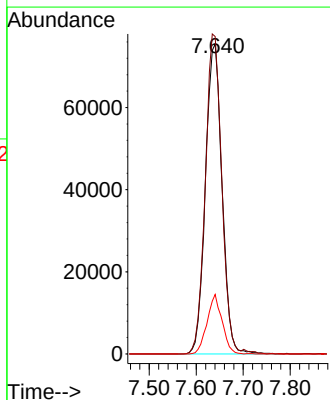
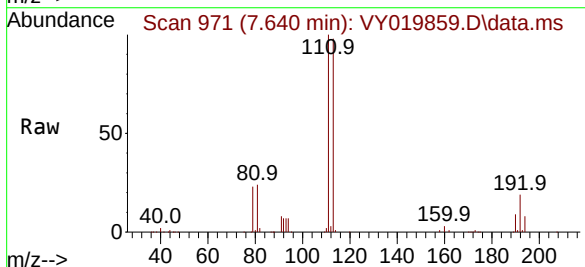
Instrument :
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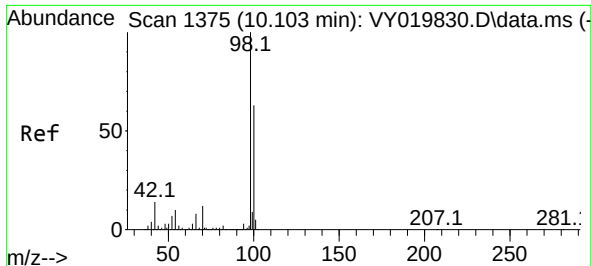
Tgt Ion:114 Resp: 580909
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.8
88 15.6 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.199 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

Tgt Ion:113 Resp: 184763
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 17.3 13.6 20.4

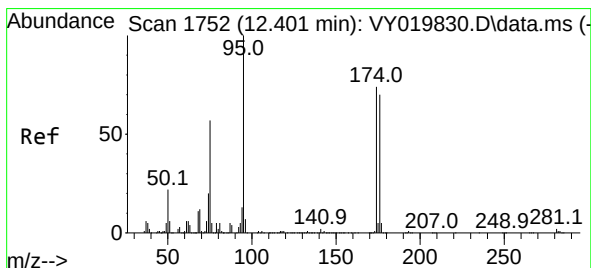
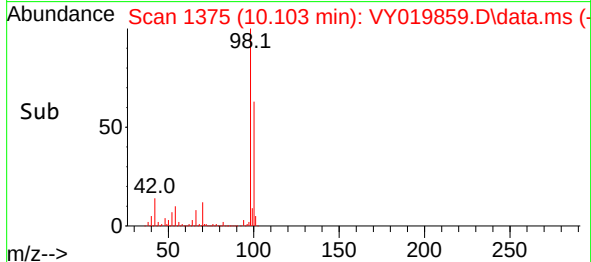
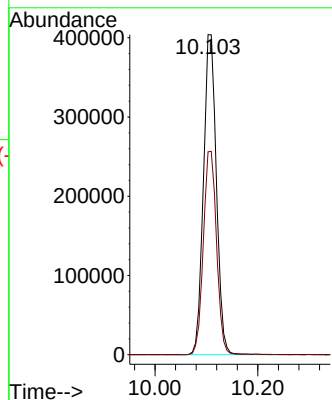
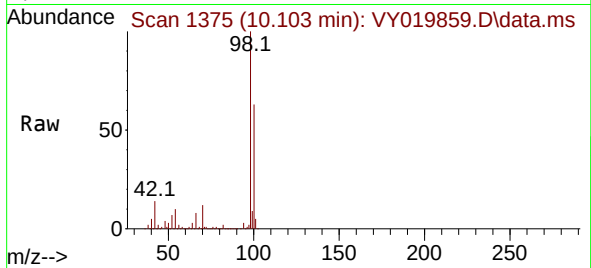




#50
Toluene-d8
Concen: 49.848 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

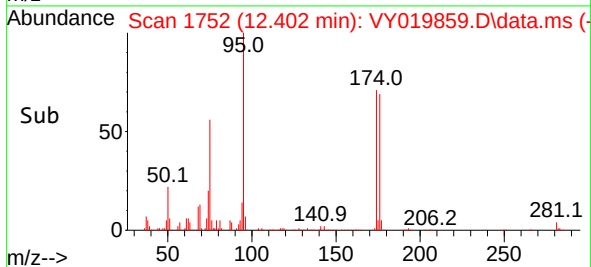
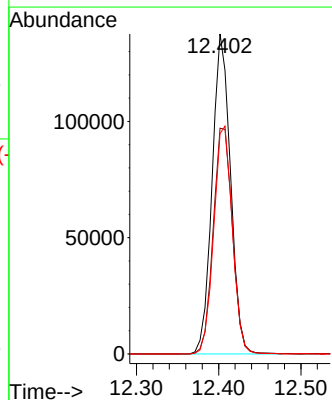
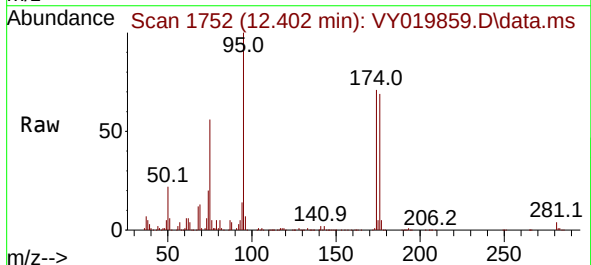
Instrument :
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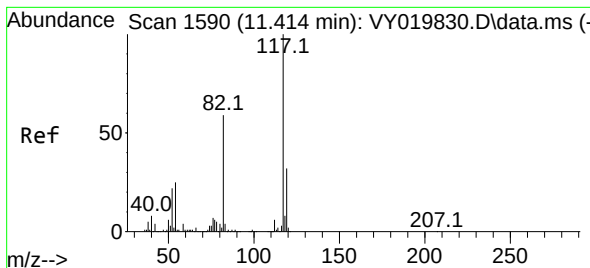
Tgt Ion: 98 Resp: 705657
Ion Ratio Lower Upper
98 100
100 64.7 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 41.722 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019859.D
Acq: 10 Oct 2024 17:14

Tgt Ion: 95 Resp: 213410
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.0
176 72.0 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019859.D

Acq: 10 Oct 2024 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

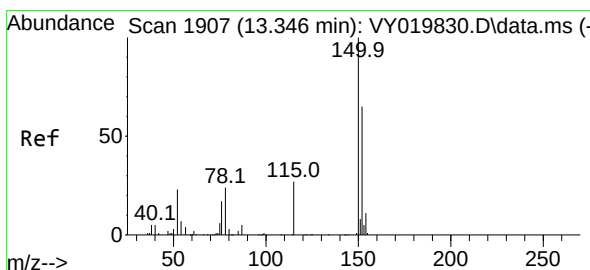
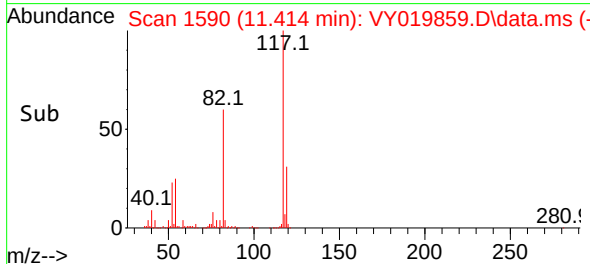
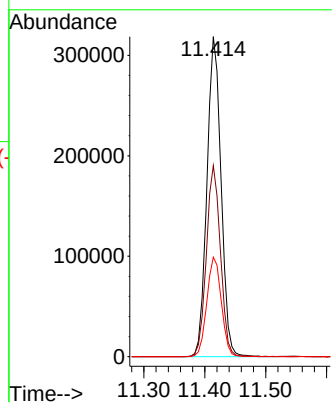
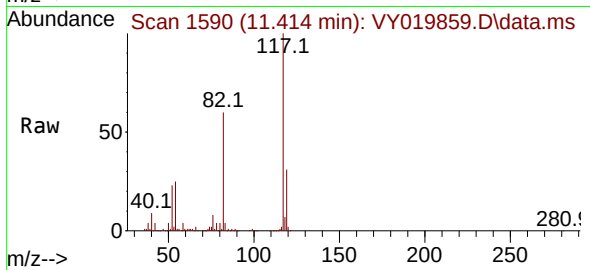
Tgt Ion:117 Resp: 513386

Ion Ratio Lower Upper

117 100

82 59.7 46.9 70.3

119 31.1 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019859.D

Acq: 10 Oct 2024 17:14

Tgt Ion:152 Resp: 184804

Ion Ratio Lower Upper

152 100

115 61.7 30.8 92.3

150 158.1 0.0 352.8

