

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019858.D
 Acq On : 10 Oct 2024 16:51
 Operator : SY/MD
 Sample : P4364-12
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-4.5-5.0

Quant Time: Oct 11 01:45:35 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	163866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	325456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	288079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	95874	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122560	60.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.480%
35) Dibromofluoromethane	7.634	113	112864	52.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.100%
50) Toluene-d8	10.109	98	392649	49.508	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.020%
62) 4-Bromofluorobenzene	12.401	95	117796	41.106	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.220%

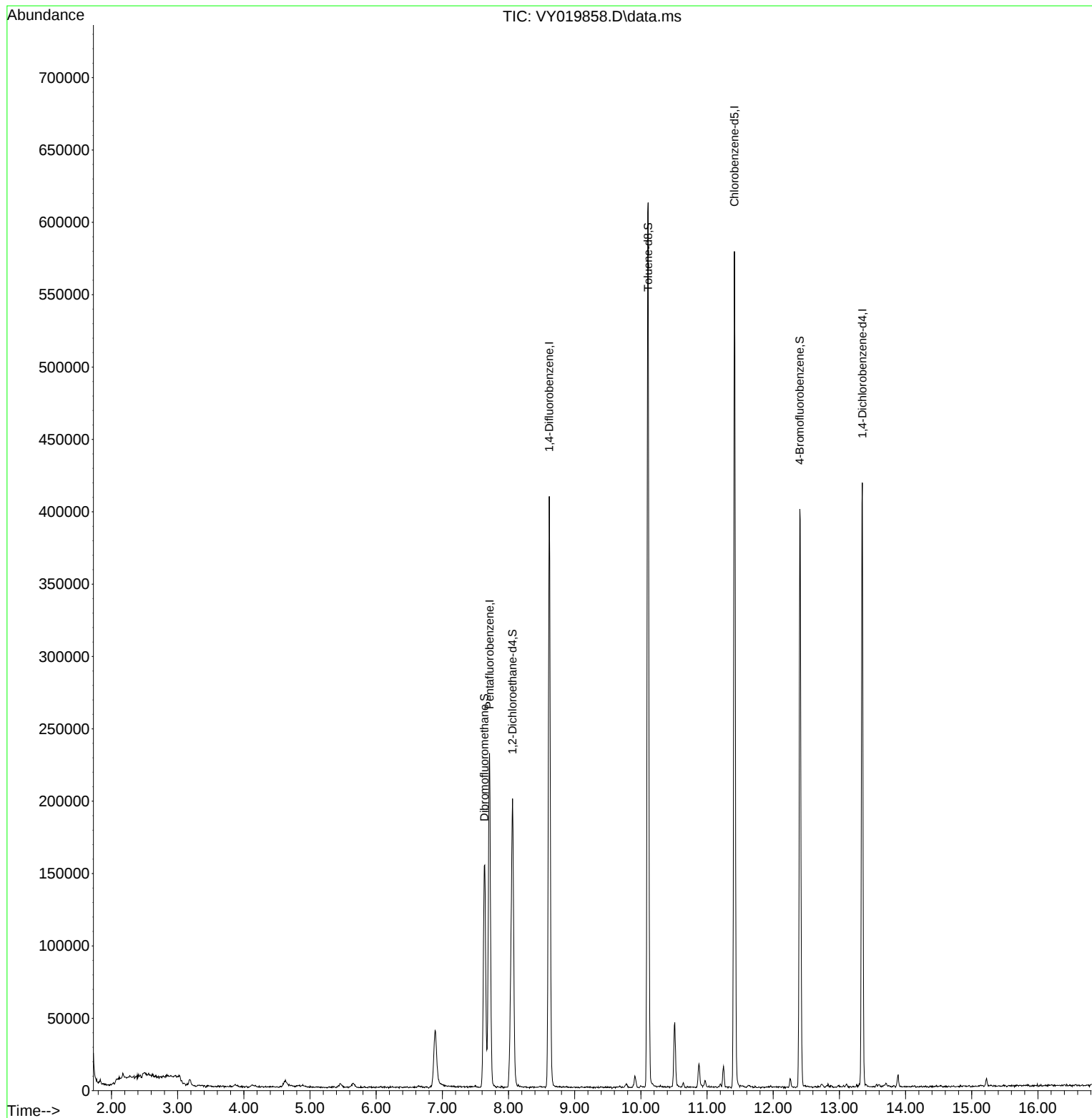
Target Compounds	Qvalue

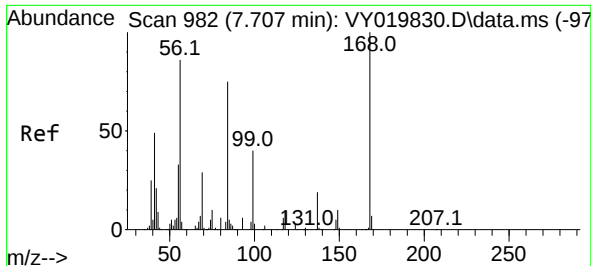
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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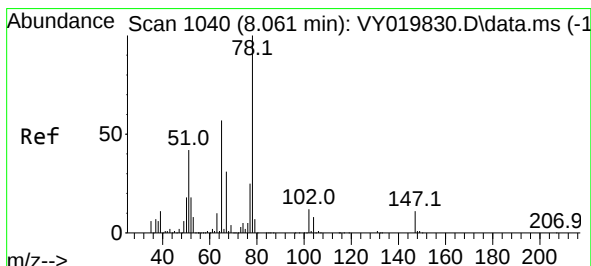
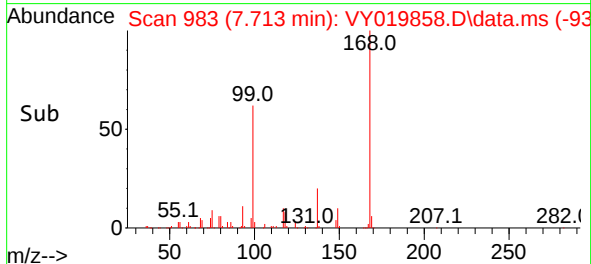
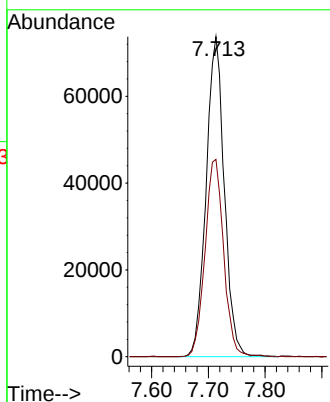
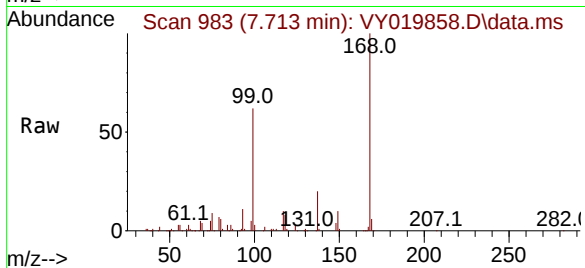




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019858.D
Acq: 10 Oct 2024 16:51

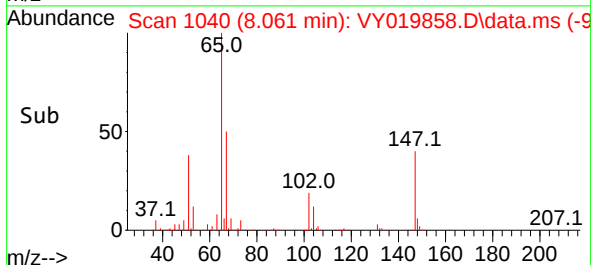
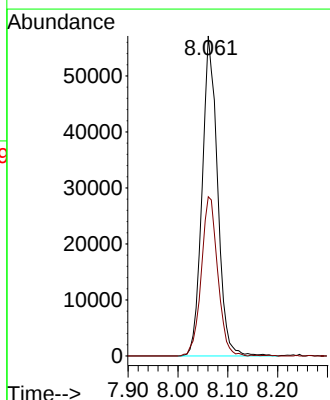
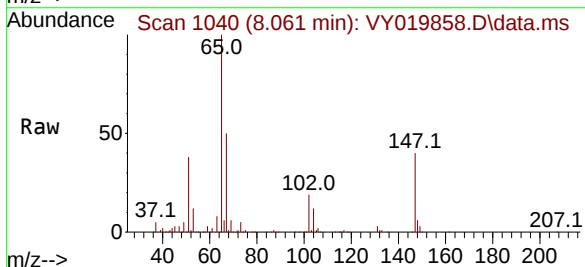
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-4.5-5.0

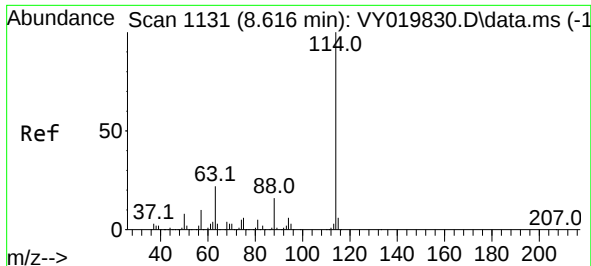
Tgt Ion:168 Resp: 163866
Ion Ratio Lower Upper
168 100
99 61.6 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 60.743 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019858.D
Acq: 10 Oct 2024 16:51

Tgt Ion: 65 Resp: 122560
Ion Ratio Lower Upper
65 100
67 52.9 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: VY019858.D

Acq: 10 Oct 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-4.5-5.0

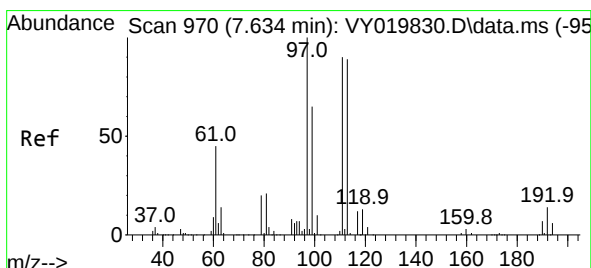
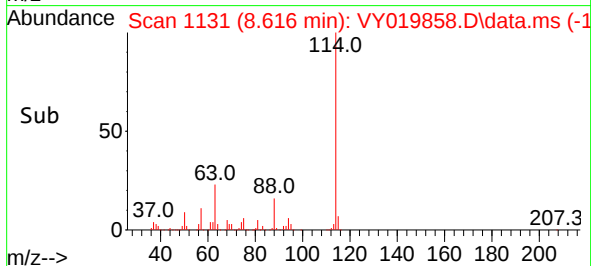
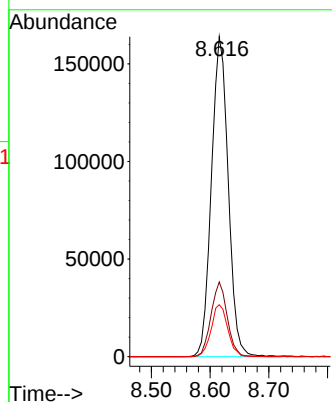
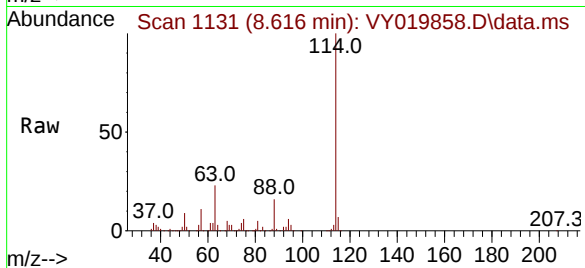
Tgt Ion:114 Resp: 325456

Ion Ratio Lower Upper

114 100

63 23.4 0.0 43.8

88 16.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 52.552 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019858.D

Acq: 10 Oct 2024 16:51

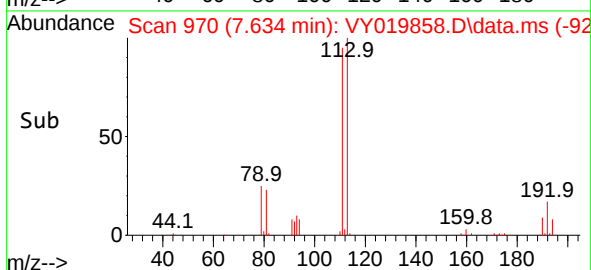
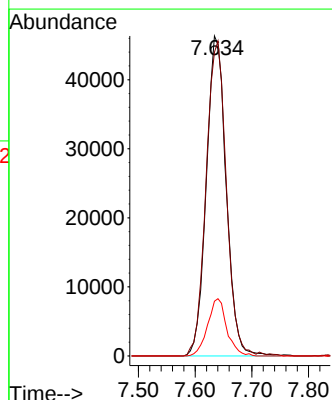
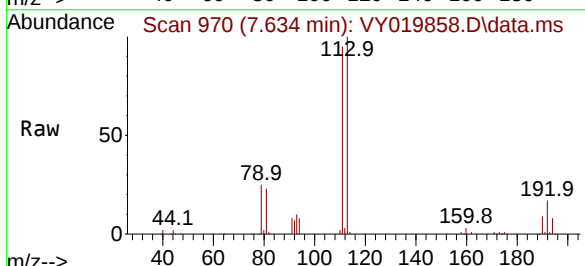
Tgt Ion:113 Resp: 112864

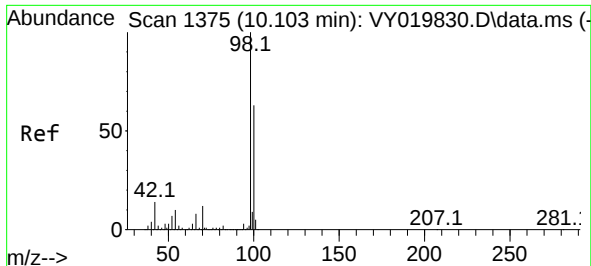
Ion Ratio Lower Upper

113 100

111 100.2 82.9 124.3

192 17.2 13.6 20.4

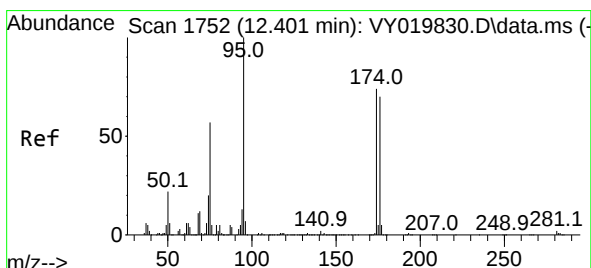
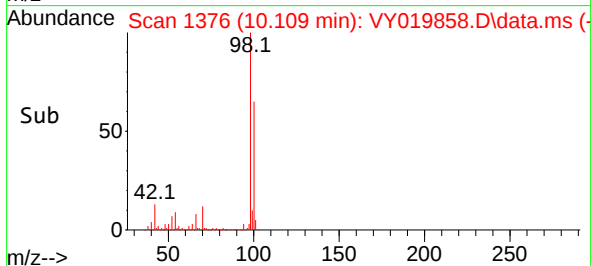
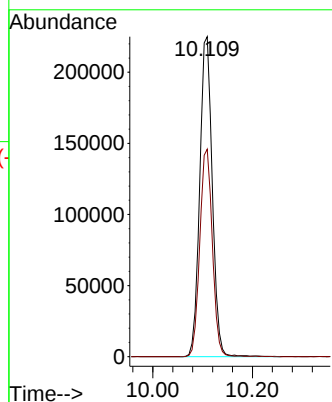
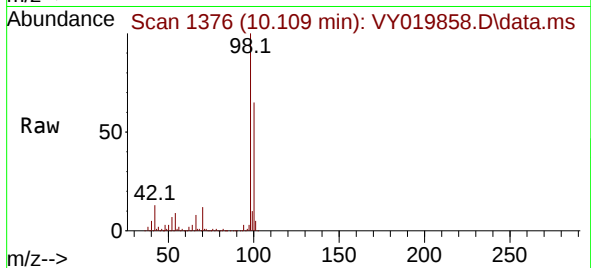




#50
Toluene-d8
Concen: 49.508 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY019858.D
Acq: 10 Oct 2024 16:51

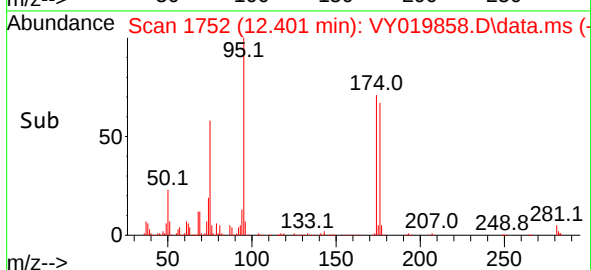
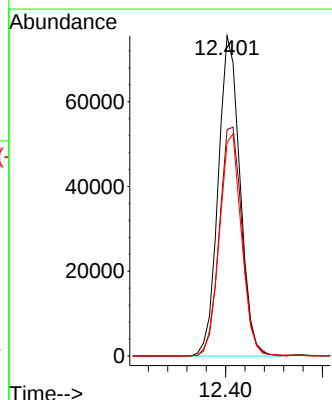
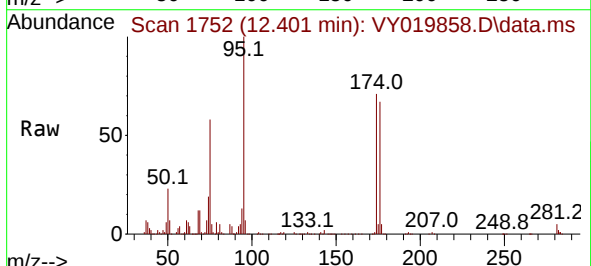
Instrument :
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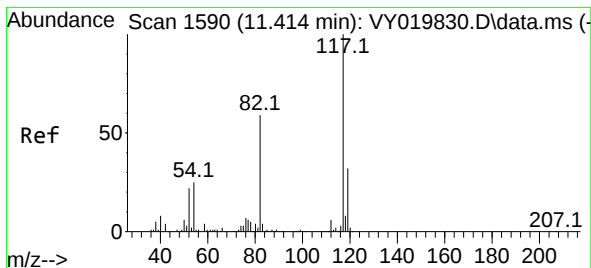
Tgt Ion: 98 Resp: 392649
Ion Ratio Lower Upper
98 100
100 64.9 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 41.106 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019858.D
Acq: 10 Oct 2024 16:51

Tgt Ion: 95 Resp: 117796
Ion Ratio Lower Upper
95 100
174 74.9 0.0 148.0
176 70.6 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: VY019858.D

Acq: 10 Oct 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-4.5-5.0

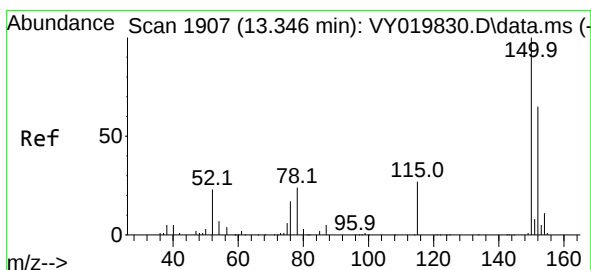
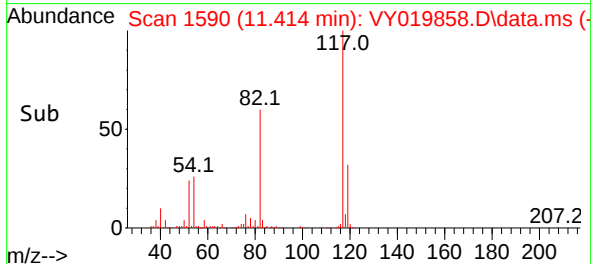
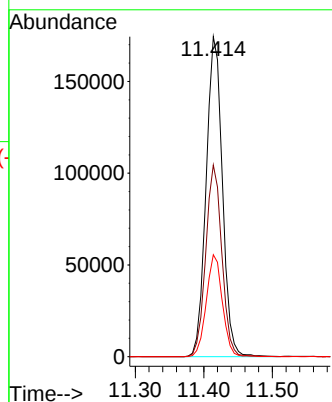
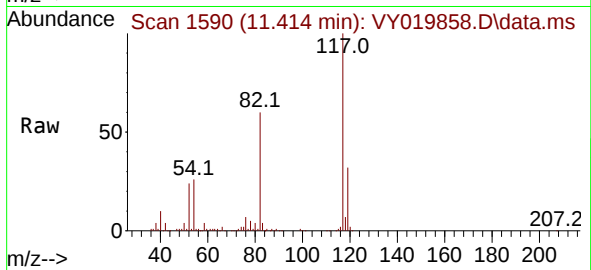
Tgt Ion:117 Resp: 288079

Ion Ratio Lower Upper

117 100

82 59.9 46.9 70.3

119 31.8 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019858.D

Acq: 10 Oct 2024 16:51

Tgt Ion:152 Resp: 95874

Ion Ratio Lower Upper

152 100

115 61.9 30.8 92.3

150 159.5 0.0 352.8

