

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019914.D
 Acq On : 16 Oct 2024 14:44
 Operator : SY/MD
 Sample : P4410-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-101524

Quant Time: Oct 17 01:52:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	224722	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	453828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	407871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144539	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	161735	58.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.900%
35) Dibromofluoromethane	7.634	113	149087	49.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.560%
50) Toluene-d8	10.109	98	556374	50.308	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.620%
62) 4-Bromofluorobenzene	12.407	95	171666	42.959	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.920%

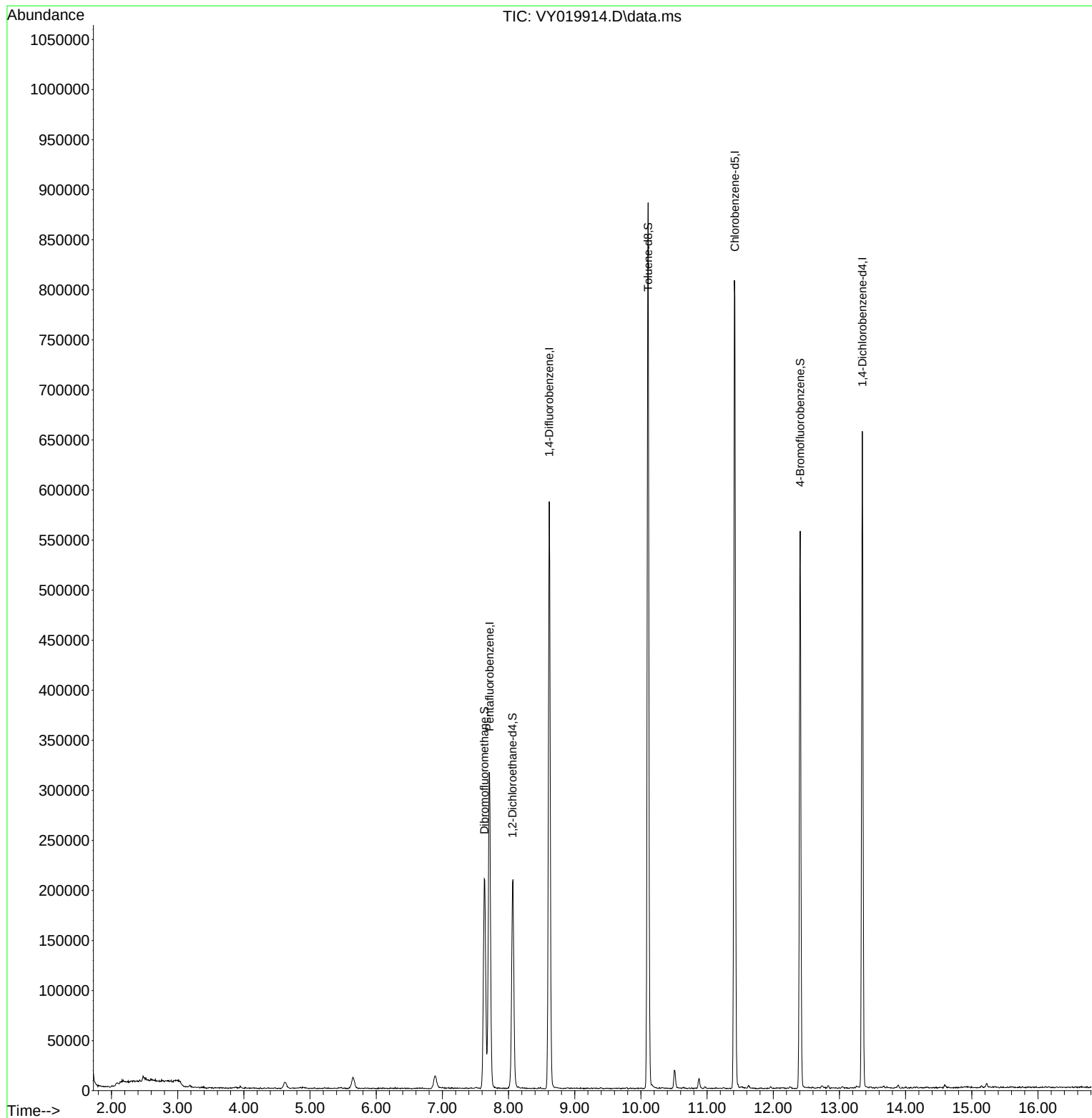
Target Compounds	Qvalue

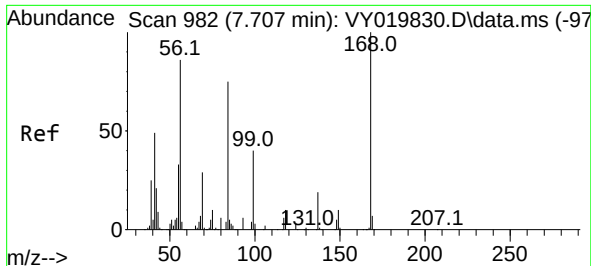
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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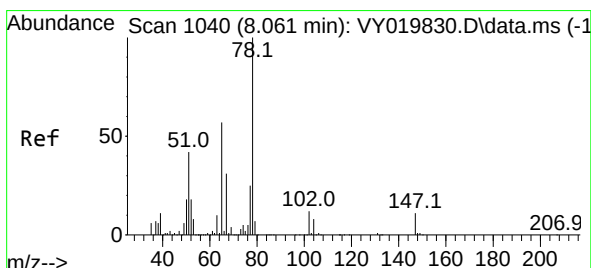
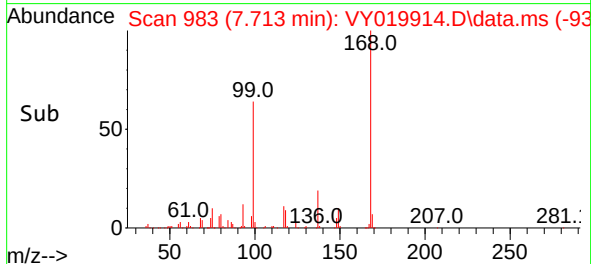
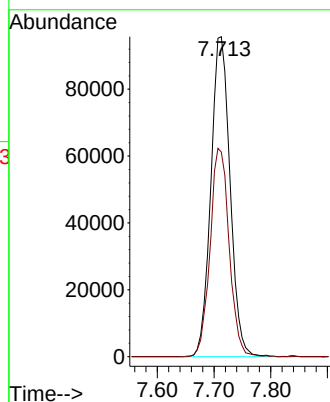
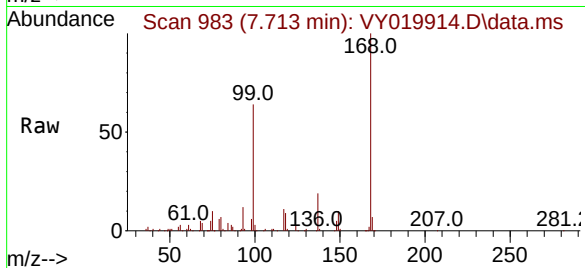




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

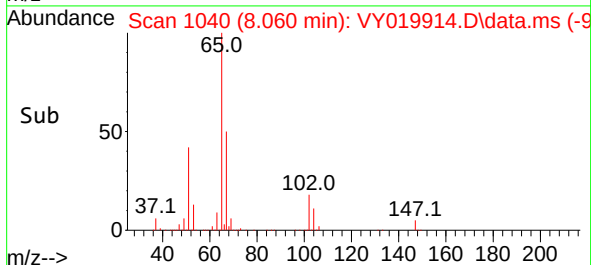
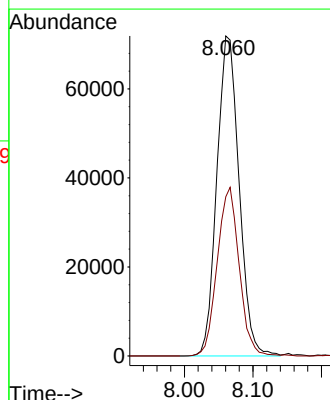
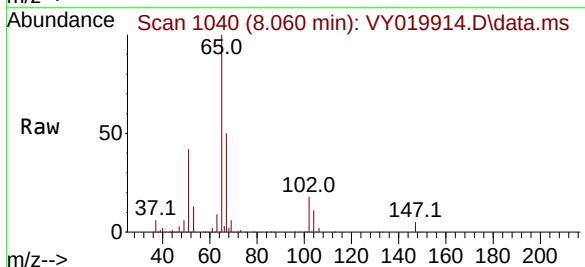
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-101524

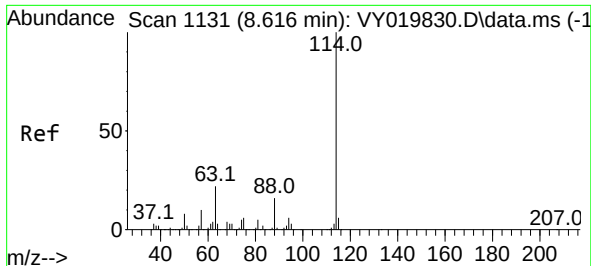
Tgt Ion:168 Resp: 224722
Ion Ratio Lower Upper
168 100
99 64.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.452 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

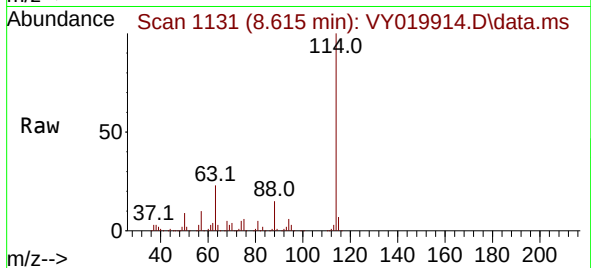
Tgt Ion: 65 Resp: 161735
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6



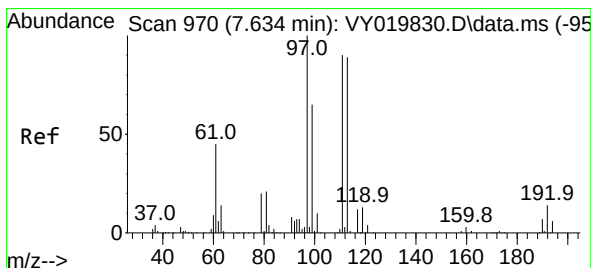
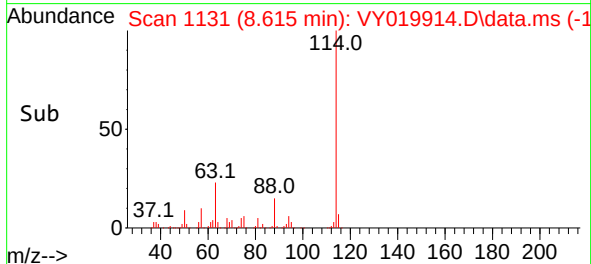
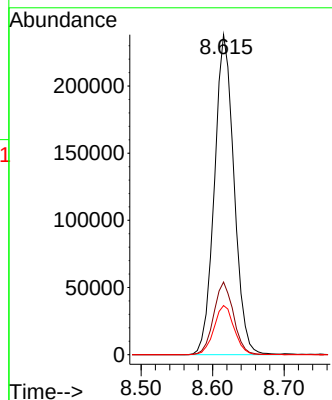


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

Instrument :
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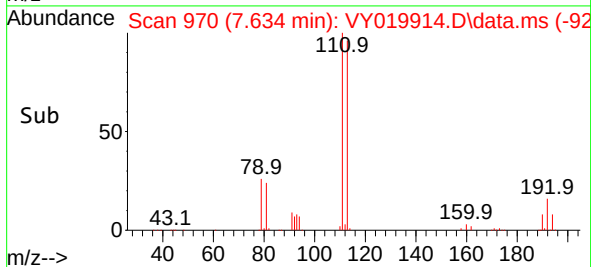
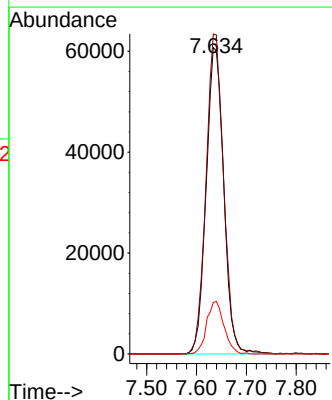
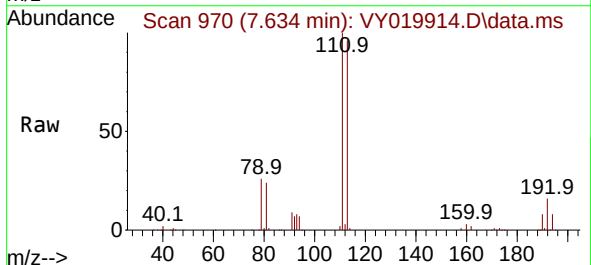


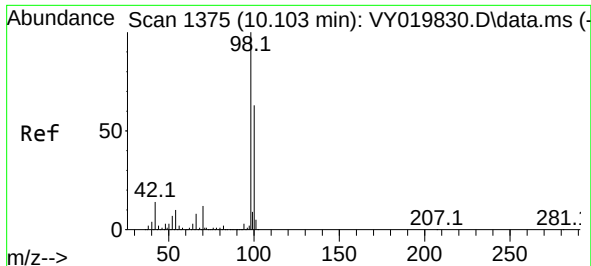
Tgt Ion:114 Resp: 453828
Ion Ratio Lower Upper
114 100
63 22.7 0.0 35.0
88 15.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.783 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

Tgt Ion:113 Resp: 149087
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 16.9 15.9 23.9

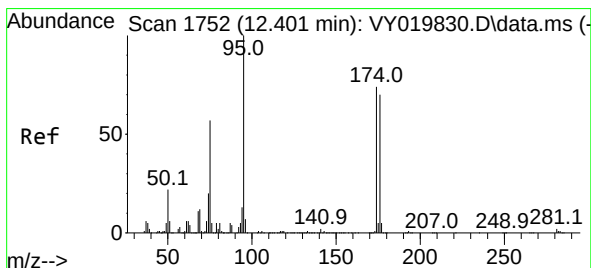
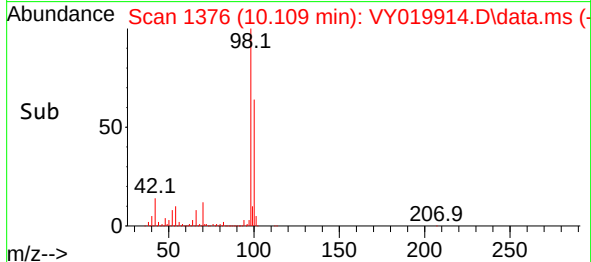
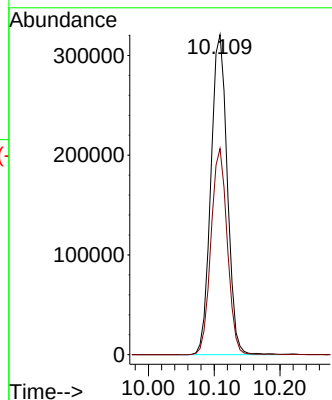
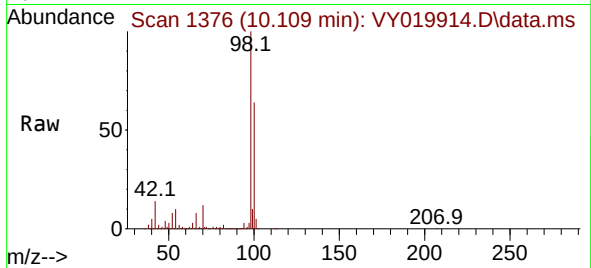




#50
Toluene-d8
Concen: 50.308 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

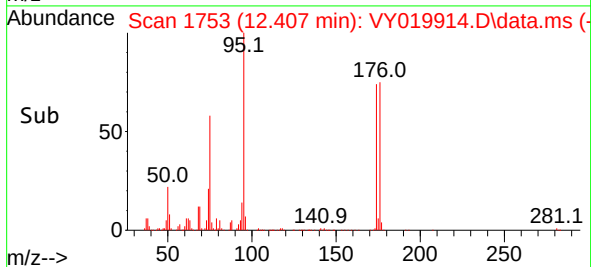
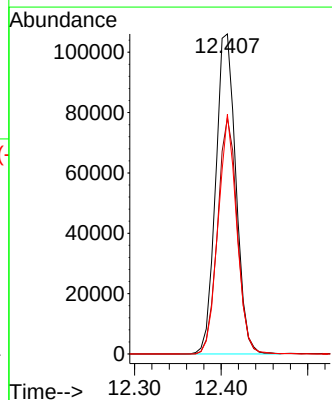
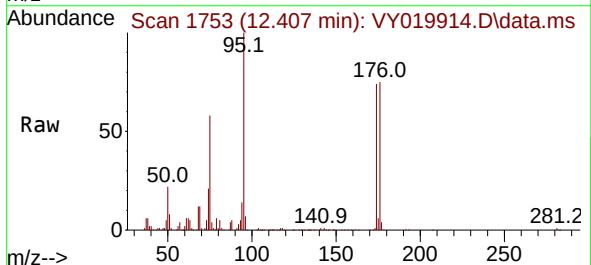
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-101524

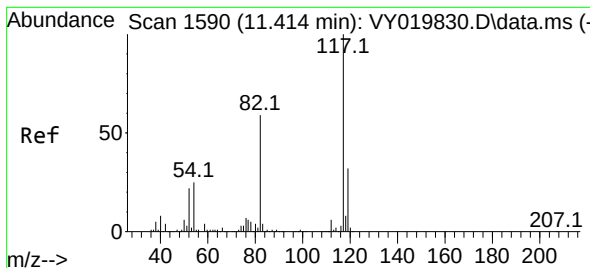
Tgt Ion: 98 Resp: 556374
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.959 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

Tgt Ion: 95 Resp: 171666
Ion Ratio Lower Upper
95 100
174 71.6 0.0 175.6
176 69.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY019914.D

Acq: 16 Oct 2024 14:44

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-101524

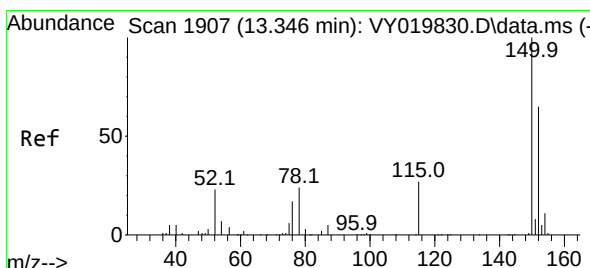
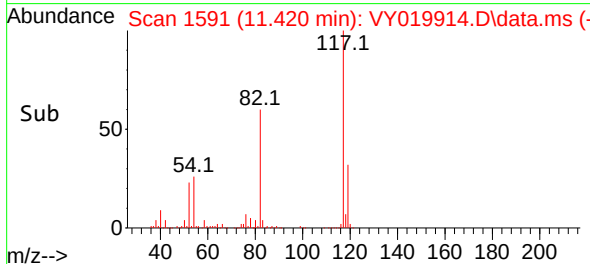
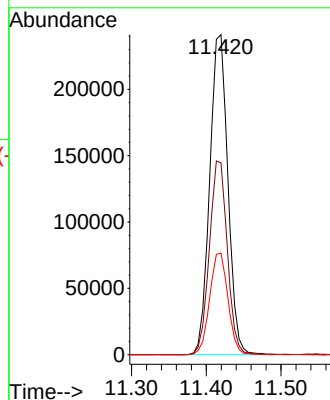
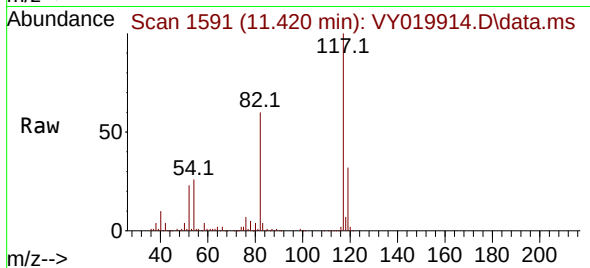
Tgt Ion:117 Resp: 407871

Ion Ratio Lower Upper

117 100

82 60.0 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY019914.D

Acq: 16 Oct 2024 14:44

Tgt Ion:152 Resp: 144539

Ion Ratio Lower Upper

152 100

115 61.2 28.2 84.7

150 157.0 0.0 345.6

