

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019913.D
 Acq On : 16 Oct 2024 14:20
 Operator : SY/MD
 Sample : P4400-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-101424

Quant Time: Oct 16 16:00:50 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	156359	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	305982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	251190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	76961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	96754	50.256	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.520%
35) Dibromofluoromethane	7.640	113	98950	49.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.020%
50) Toluene-d8	10.109	98	364264	48.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.408	95	99258	36.841	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.680%

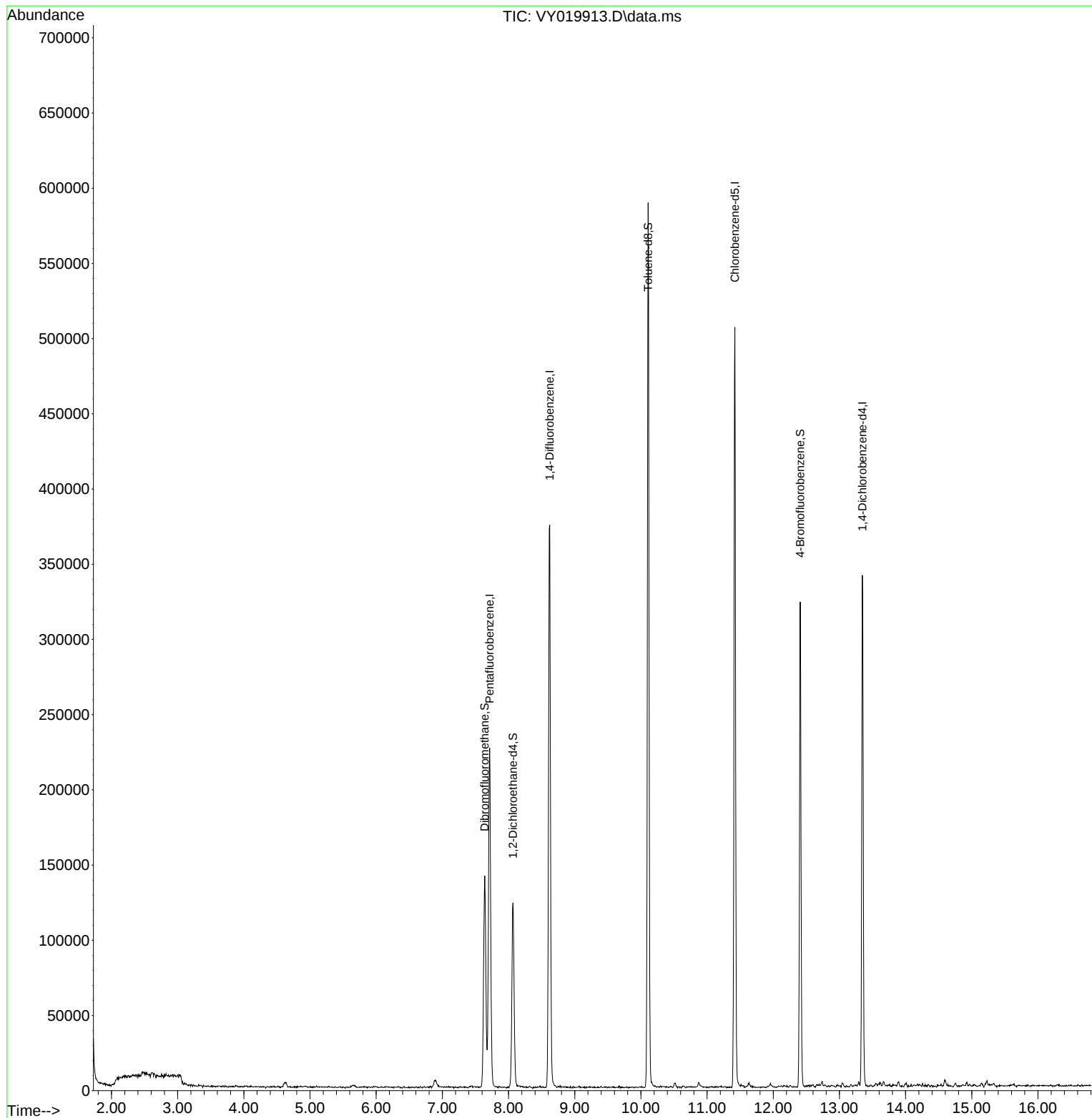
Target Compounds	Qvalue

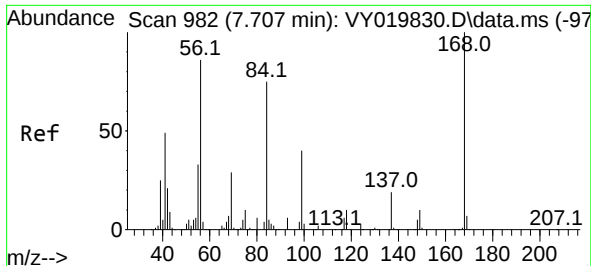
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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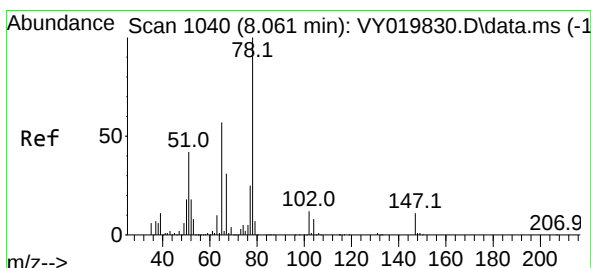
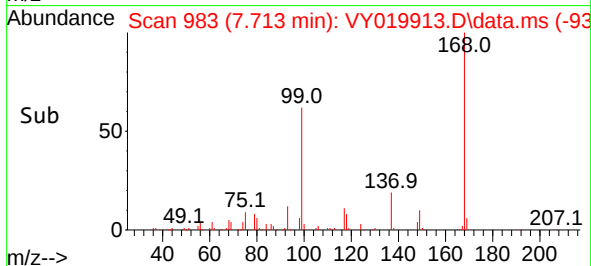
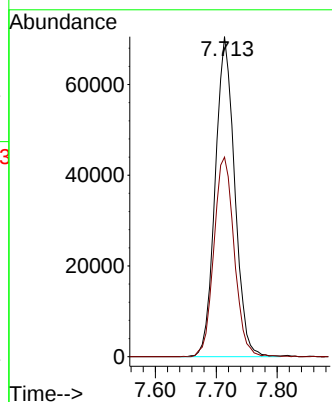
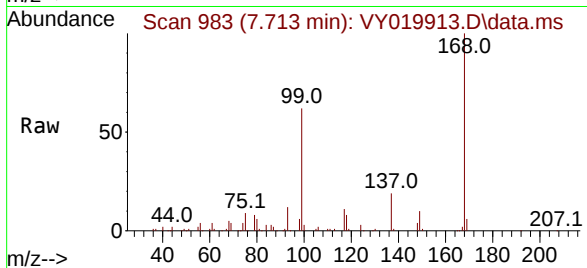




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019913.D
Acq: 16 Oct 2024 14:20

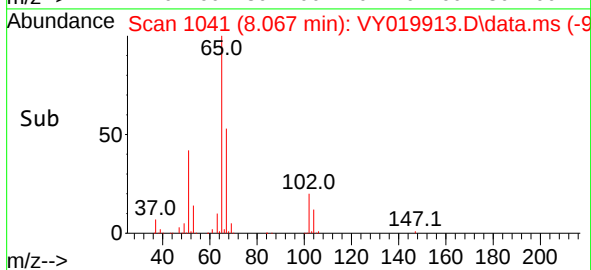
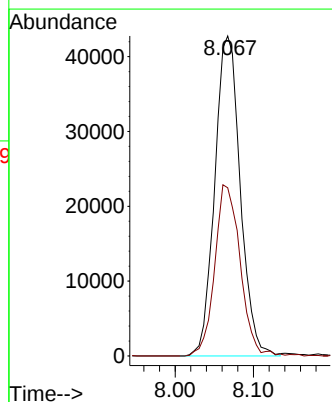
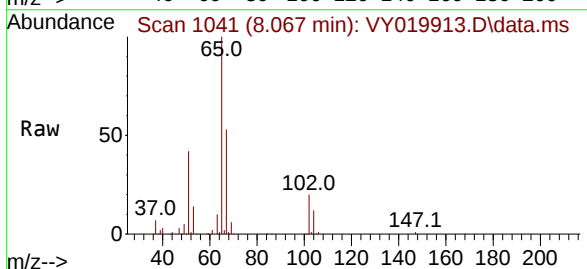
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-101424

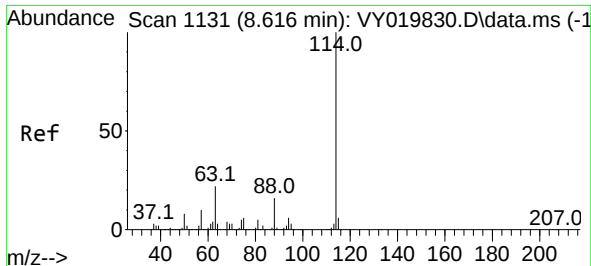
Tgt Ion:168 Resp: 156359
Ion Ratio Lower Upper
168 100
99 62.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 50.256 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY019913.D
Acq: 16 Oct 2024 14:20

Tgt Ion: 65 Resp: 96754
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1131

Delta R.T. 0.007 min

Lab File: VY019913.D

Acq: 16 Oct 2024 14:20

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-101424

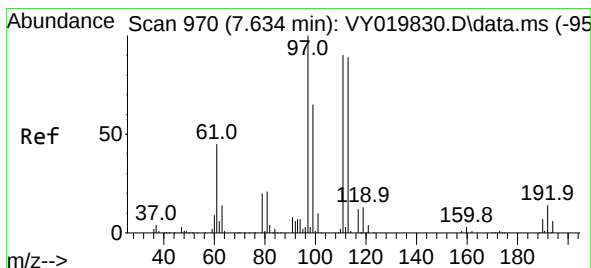
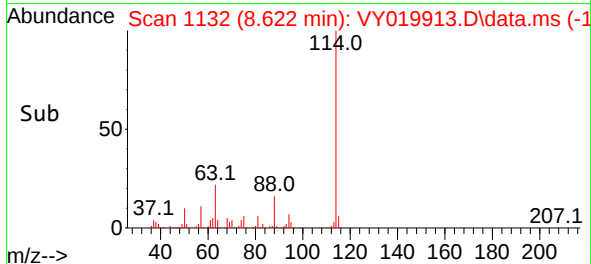
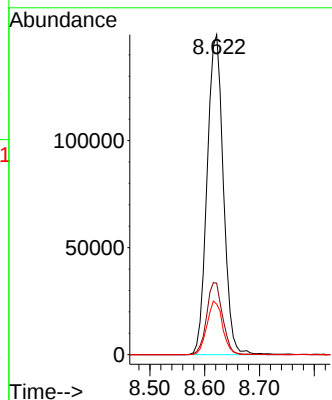
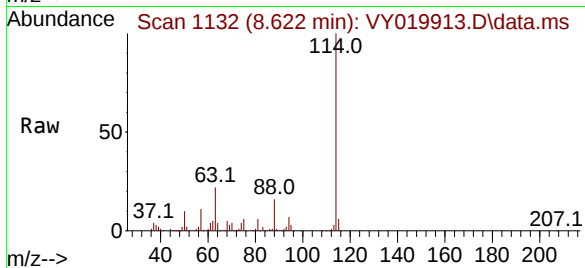
Tgt Ion:114 Resp: 305982

Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.0

88 15.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.006 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.007 min

Lab File: VY019913.D

Acq: 16 Oct 2024 14:20

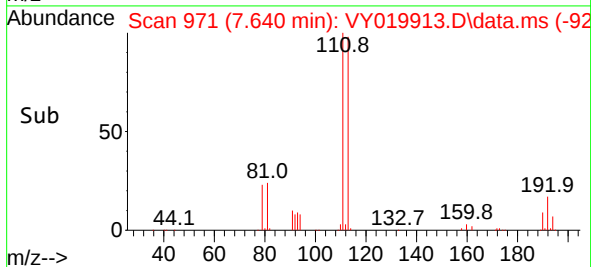
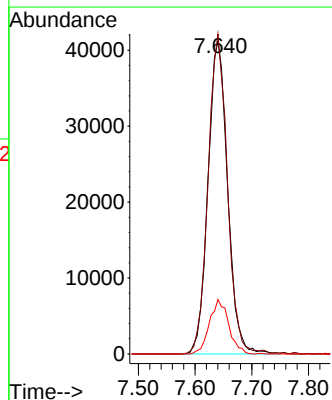
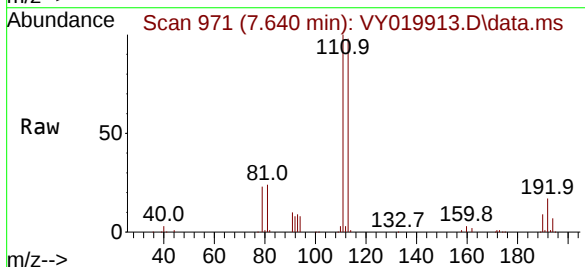
Tgt Ion:113 Resp: 98950

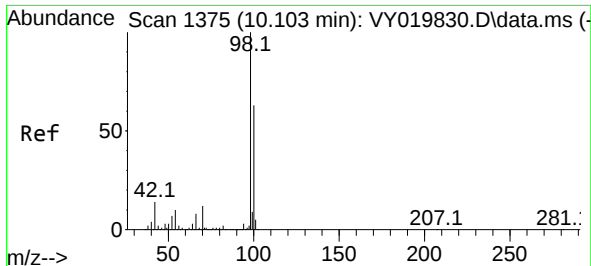
Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.4

192 17.0 15.9 23.9

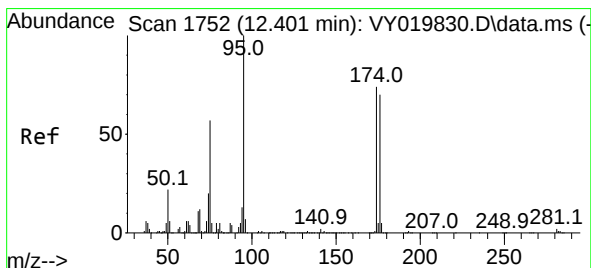
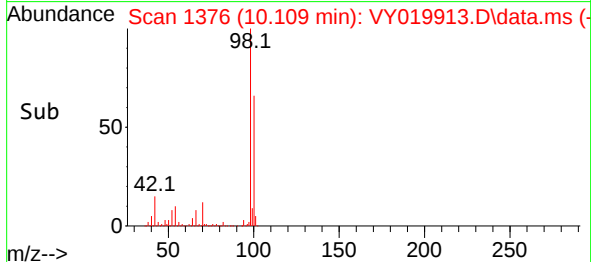
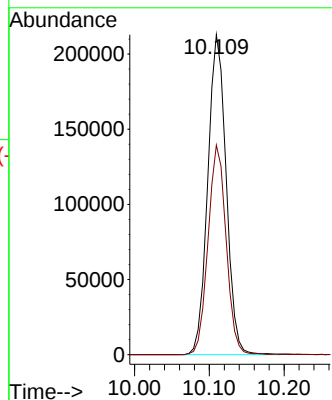
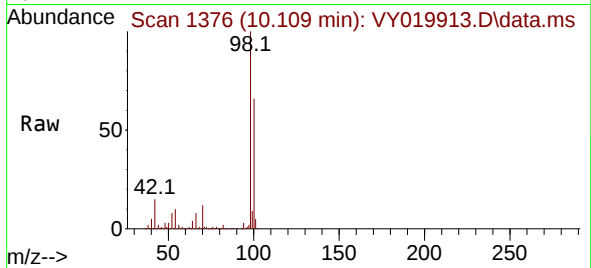




#50
Toluene-d8
Concen: 48.852 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019913.D
Acq: 16 Oct 2024 14:20

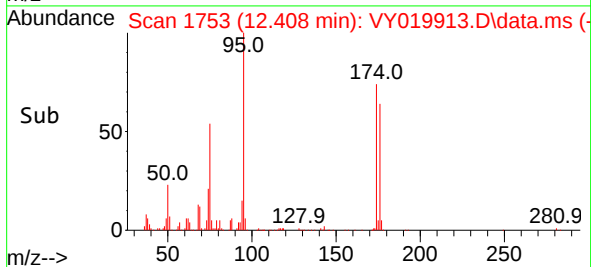
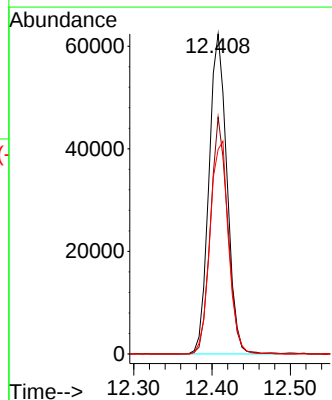
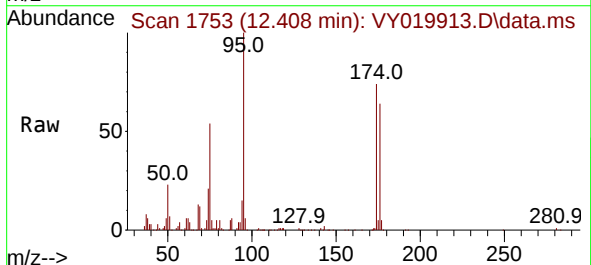
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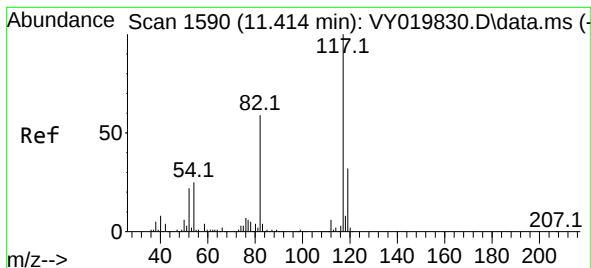
Tgt Ion: 98 Resp: 364264
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.841 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019913.D
Acq: 16 Oct 2024 14:20

Tgt Ion: 95 Resp: 99258
Ion Ratio Lower Upper
95 100
174 71.0 0.0 175.6
176 68.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019913.D

Acq: 16 Oct 2024 14:20

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-101424

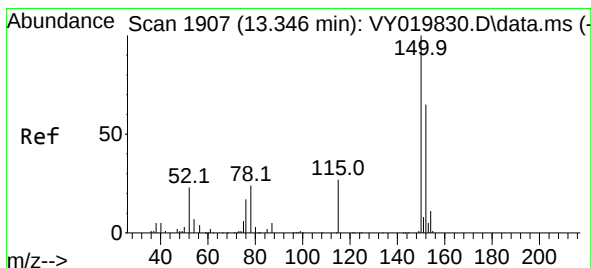
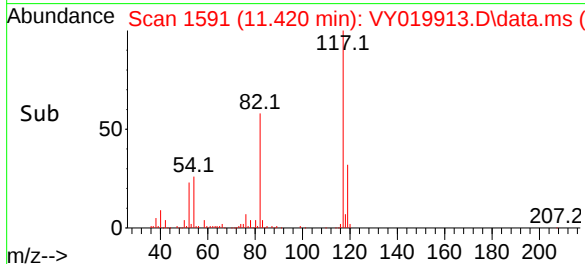
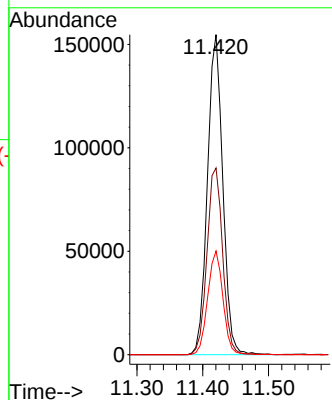
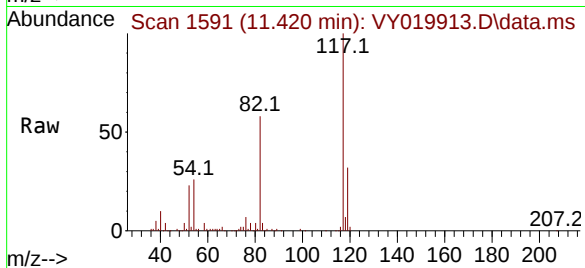
Tgt Ion:117 Resp: 251190

Ion Ratio Lower Upper

117 100

82 58.4 42.4 63.6

119 32.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019913.D

Acq: 16 Oct 2024 14:20

Tgt Ion:152 Resp: 76961

Ion Ratio Lower Upper

152 100

115 62.8 28.2 84.7

150 154.1 0.0 345.6

