

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021376.D
 Acq On : 28 Feb 2025 10:59
 Operator : SY/MD
 Sample : VY0228SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBL01

Quant Time: Feb 28 22:18:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	105534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	180558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	159029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	59388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	62494	52.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.400%
35) Dibromofluoromethane	7.634	113	61564	52.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.020%
50) Toluene-d8	10.109	98	215695	47.148	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.408	95	62690	40.717	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.440%

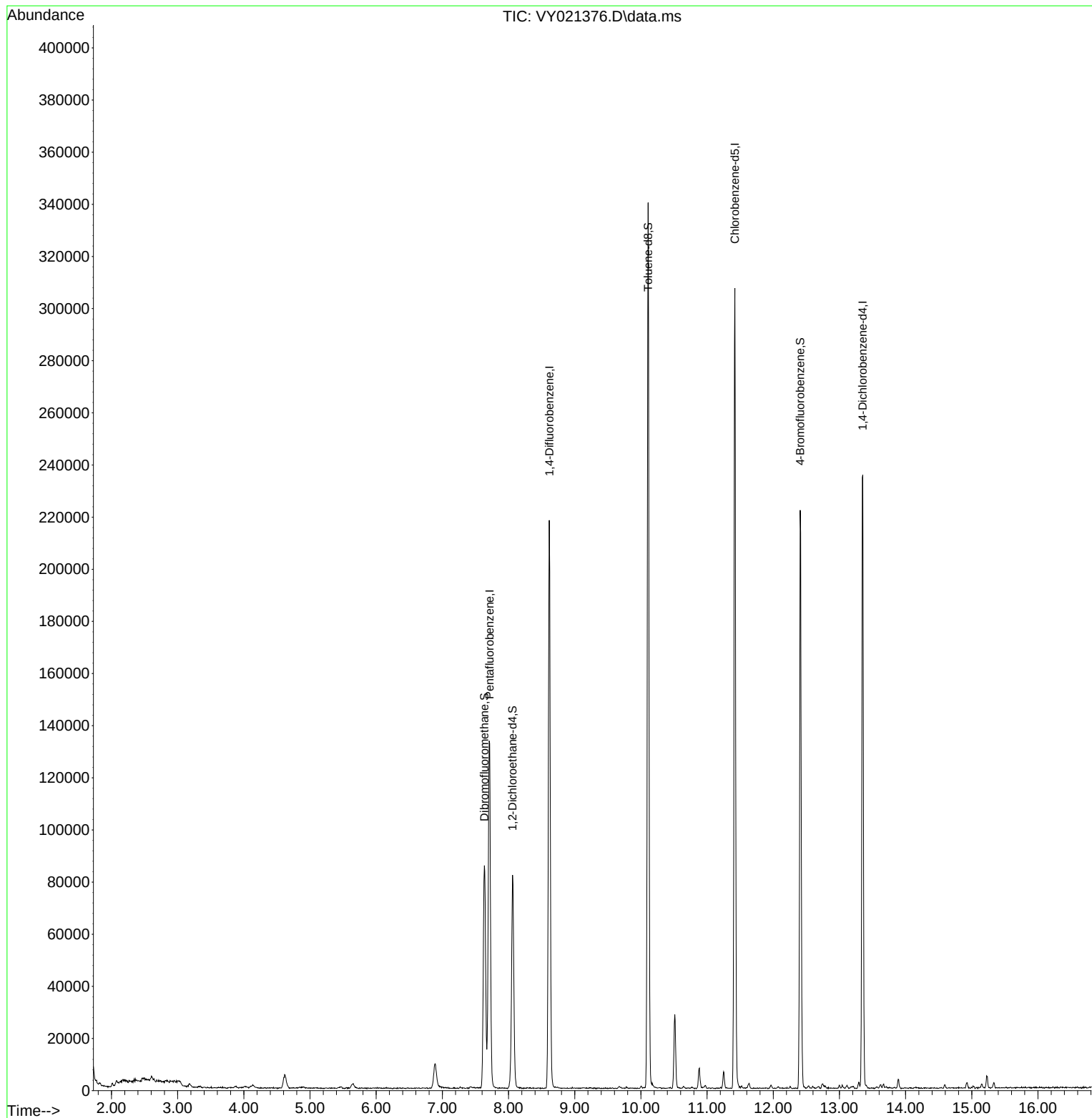
Target Compounds	Qvalue

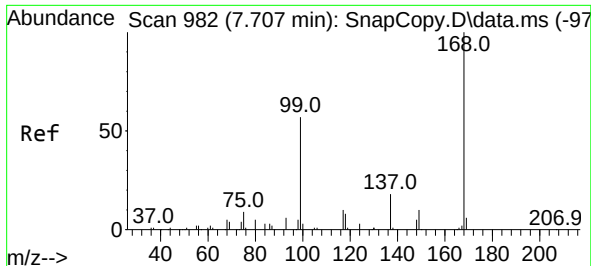
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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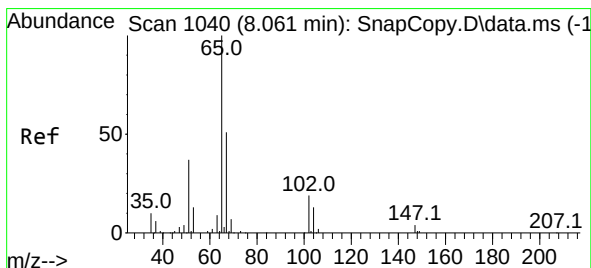
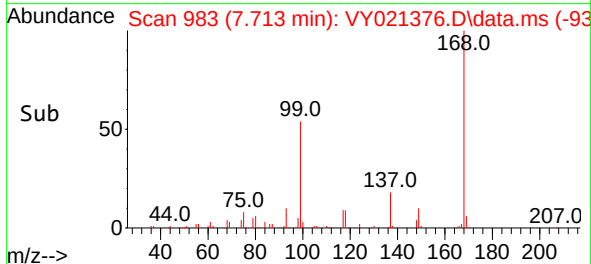
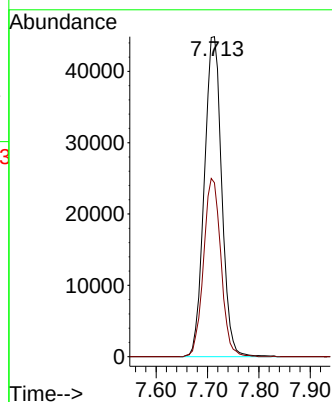
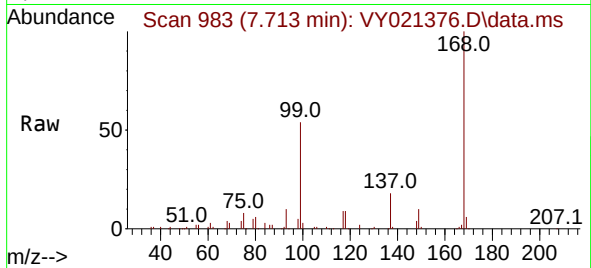




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

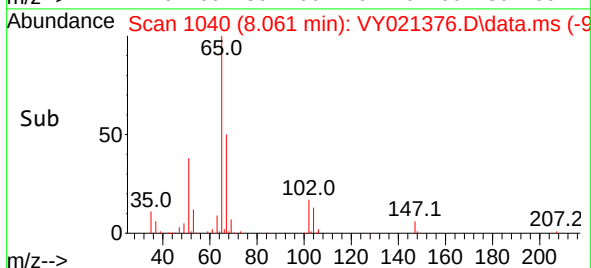
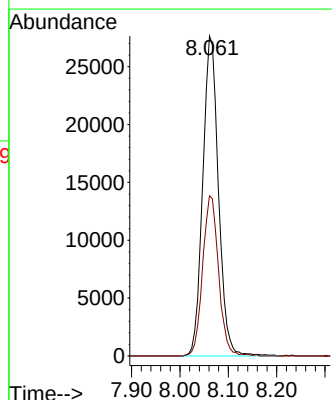
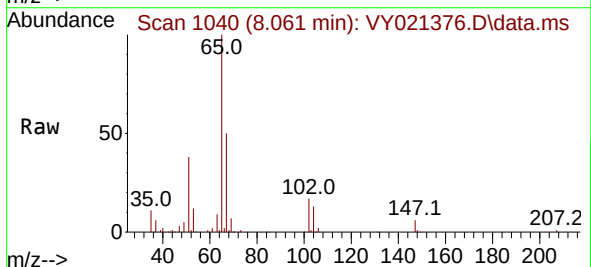
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

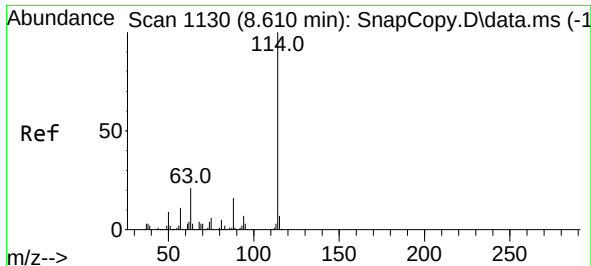
Tgt Ion:168 Resp: 105534
Ion Ratio Lower Upper
168 100
99 54.4 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 52.201 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Tgt Ion: 65 Resp: 62494
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.6

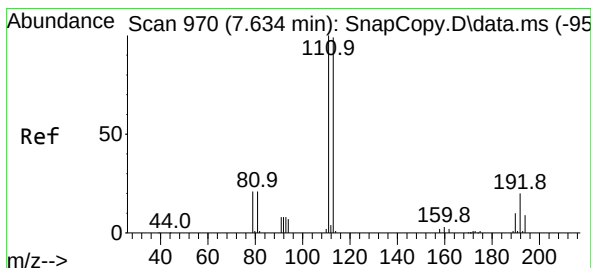
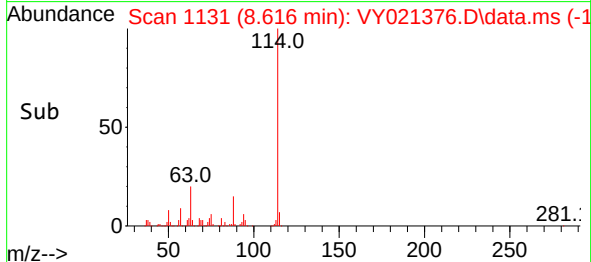
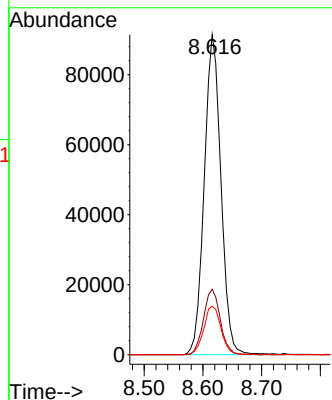
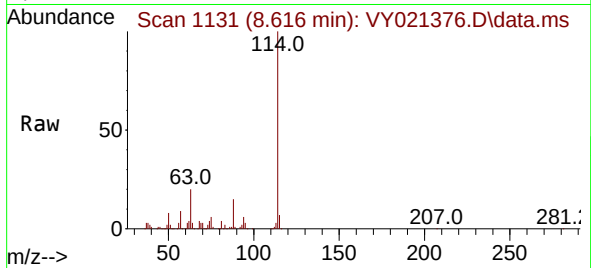




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

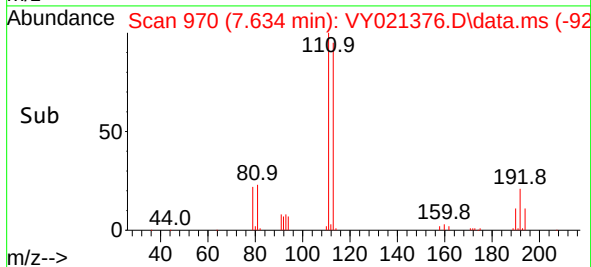
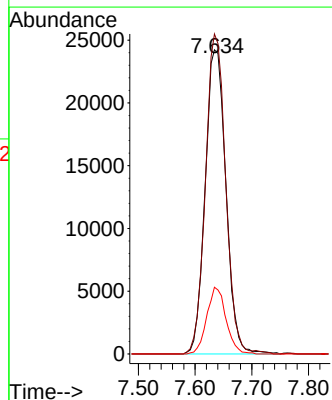
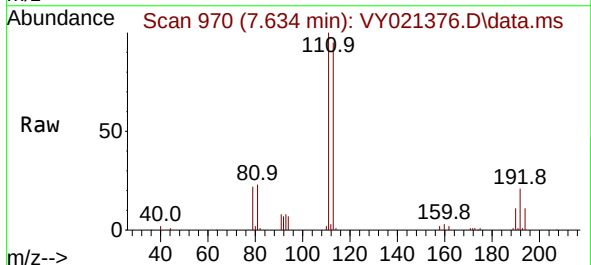
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

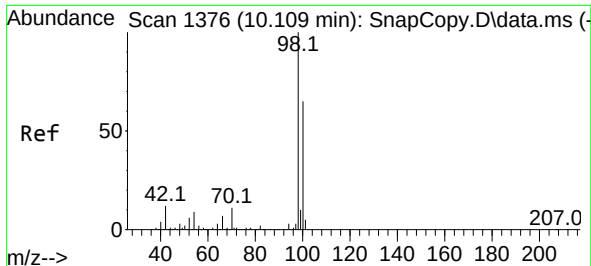
Tgt Ion:114 Resp: 180558
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.2
88 15.2 0.0 29.8



#35
Dibromofluoromethane
Concen: 52.007 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Tgt Ion:113 Resp: 61564
Ion Ratio Lower Upper
113 100
111 102.4 81.0 121.6
192 20.3 15.8 23.8

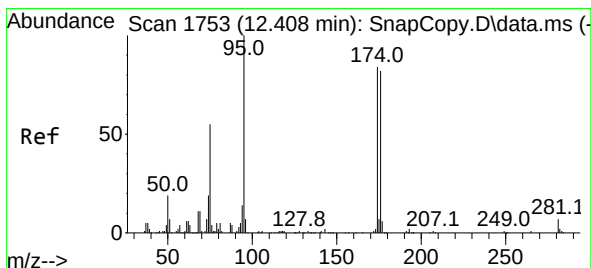
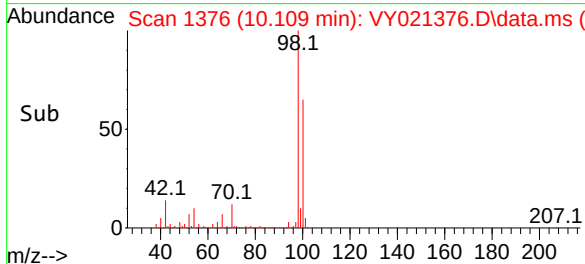
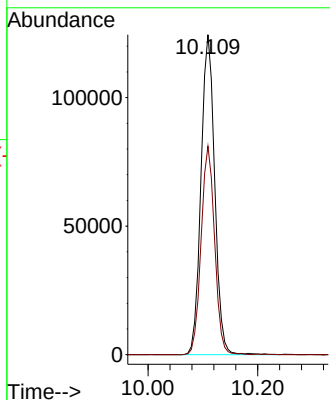
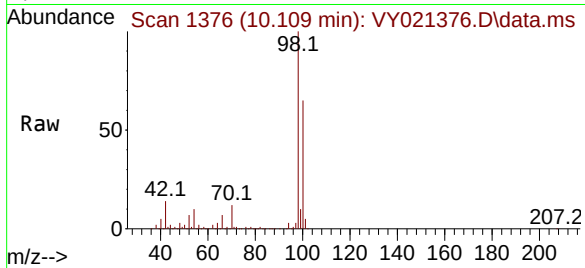




#50
Toluene-d8
Concen: 47.148 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

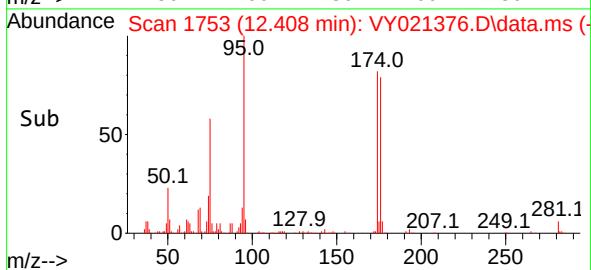
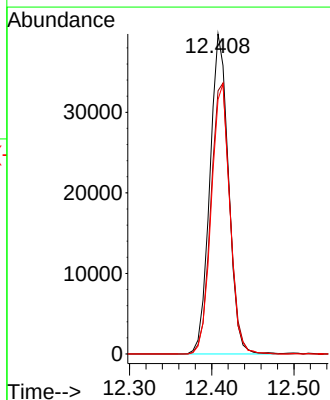
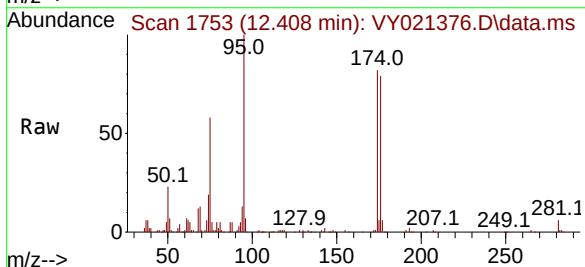
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

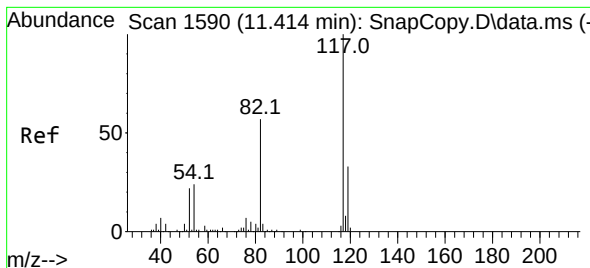
Tgt Ion: 98 Resp: 215695
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.717 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Tgt Ion: 95 Resp: 62690
Ion Ratio Lower Upper
95 100
174 86.5 0.0 168.0
176 83.6 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021376.D

Acq: 28 Feb 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBL01

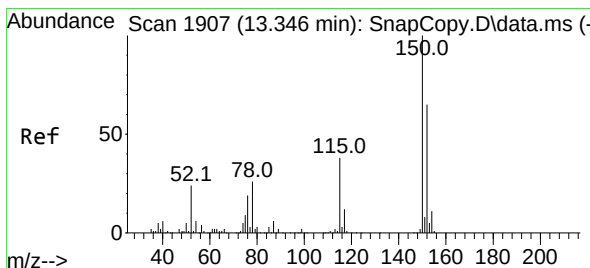
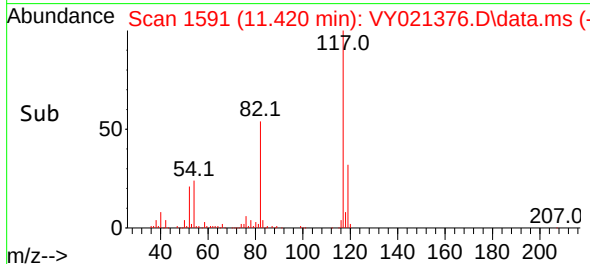
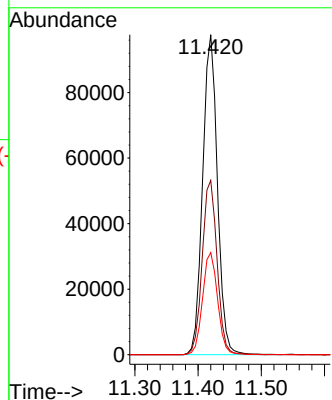
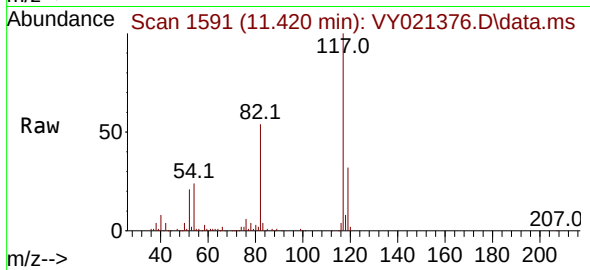
Tgt Ion:117 Resp: 159029

Ion Ratio Lower Upper

117 100

82 54.5 46.2 69.4

119 31.9 24.9 37.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021376.D

Acq: 28 Feb 2025 10:59

Tgt Ion:152 Resp: 59388

Ion Ratio Lower Upper

152 100

115 57.1 29.3 88.0

150 156.4 0.0 347.4

