

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121224\
 Data File : VY020591.D
 Acq On : 12 Dec 2024 10:36
 Operator : SY/MD
 Sample : VY1212SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBL01

Quant Time: Dec 13 05:39:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	176348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	285275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	218993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	76065	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	107354	59.858	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.720%
35) Dibromofluoromethane	7.634	113	88790	49.439	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.880%
50) Toluene-d8	10.109	98	335847	49.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.407	95	90438	37.812	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	75.620%

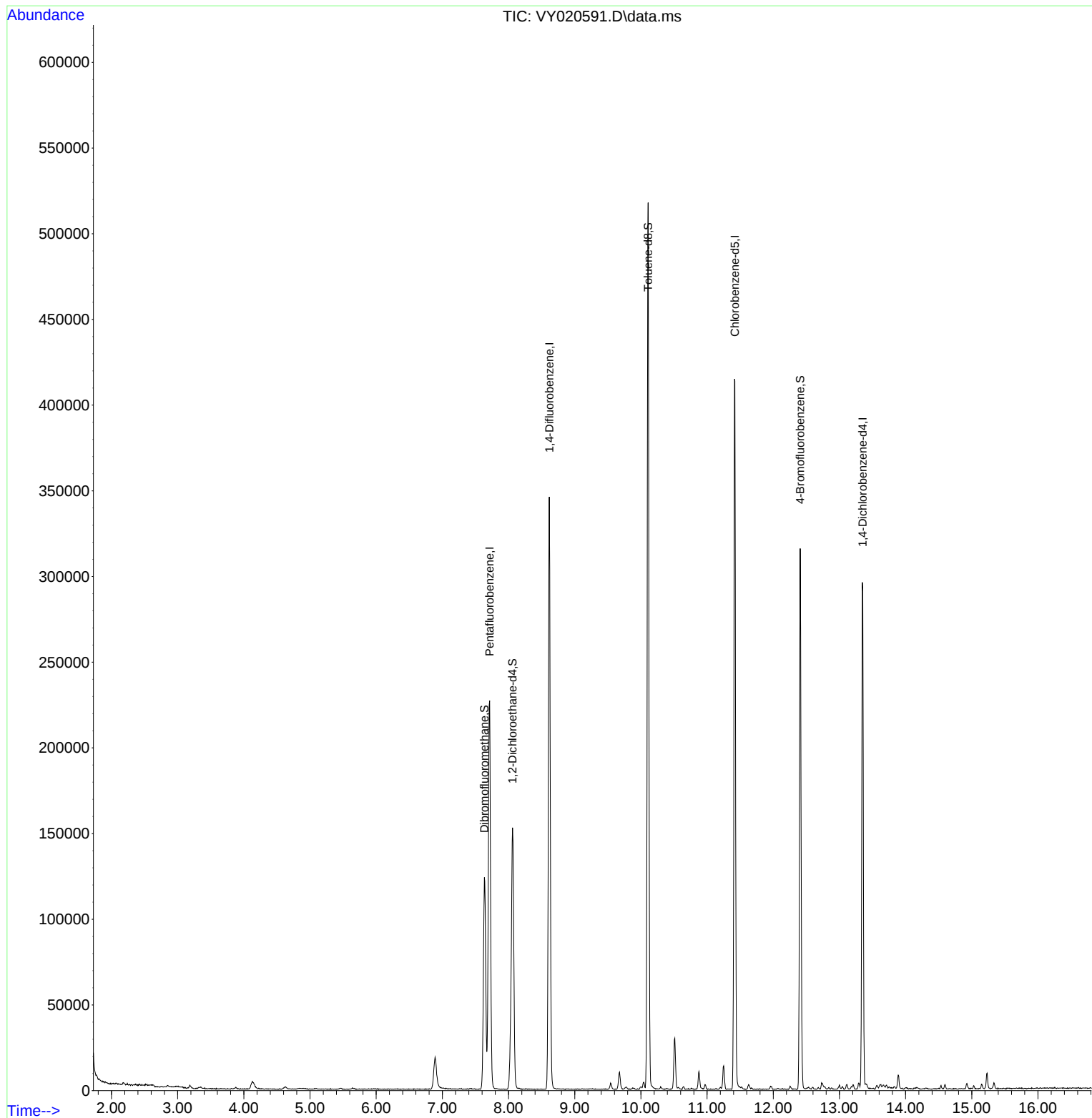
Target Compounds	Qvalue

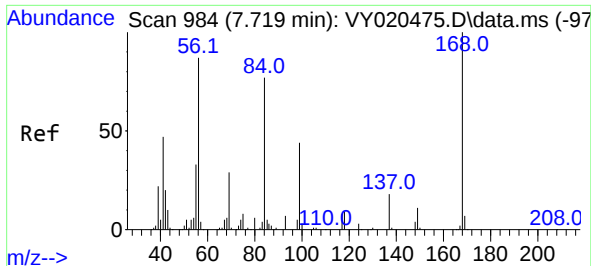
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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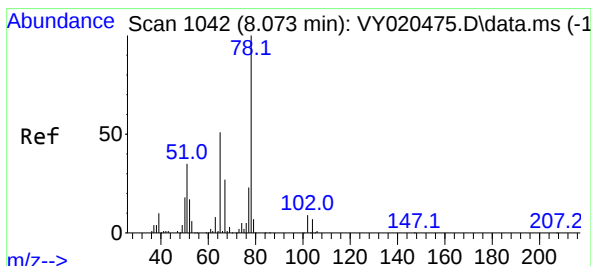
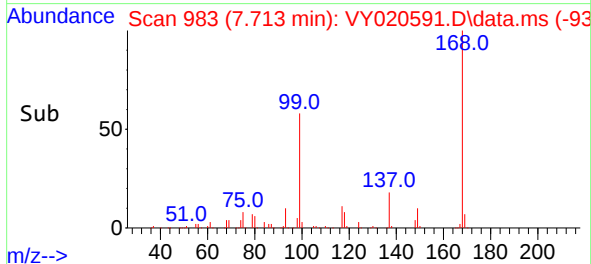
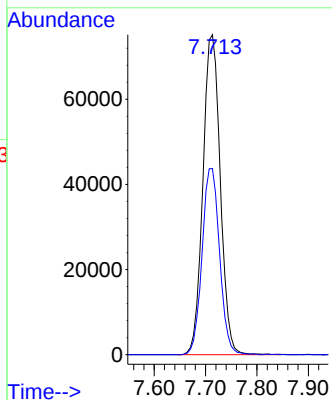
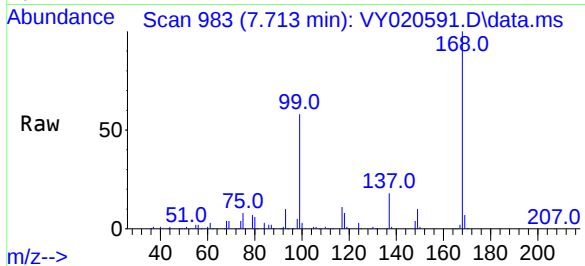




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020591.D
Acq: 12 Dec 2024 10:36

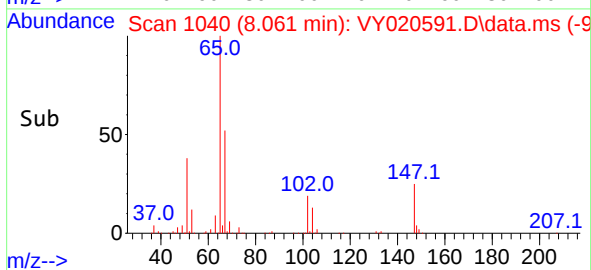
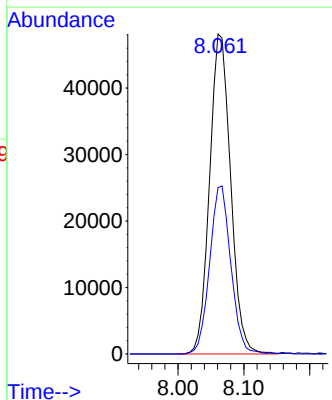
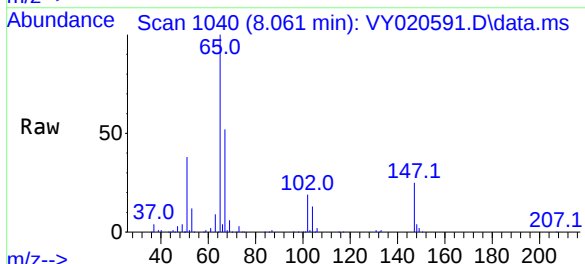
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBL01

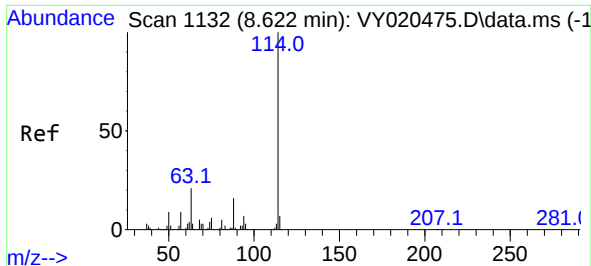
Tgt Ion:168 Resp: 176348
Ion Ratio Lower Upper
168 100
99 58.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 59.858 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020591.D
Acq: 12 Dec 2024 10:36

Tgt Ion: 65 Resp: 107354
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020591.D

Acq: 12 Dec 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBL01

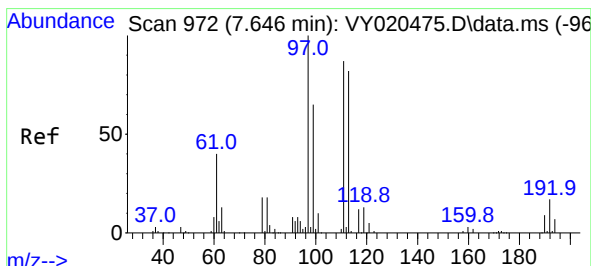
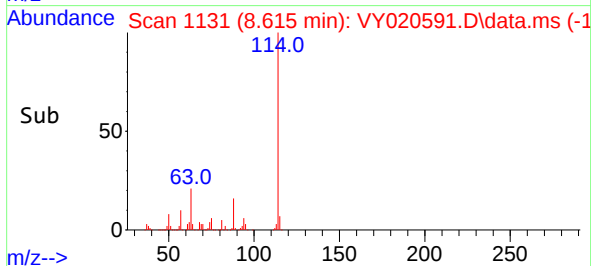
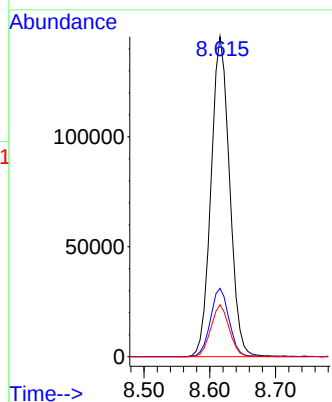
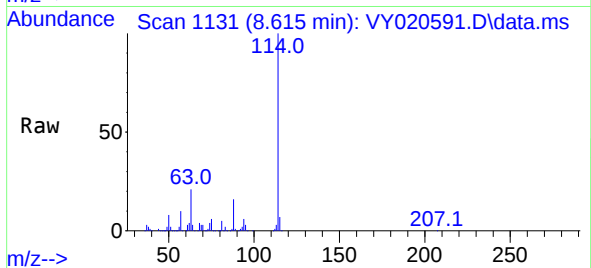
Tgt Ion:114 Resp: 285275

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.8

88 16.2 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.439 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.012 min

Lab File: VY020591.D

Acq: 12 Dec 2024 10:36

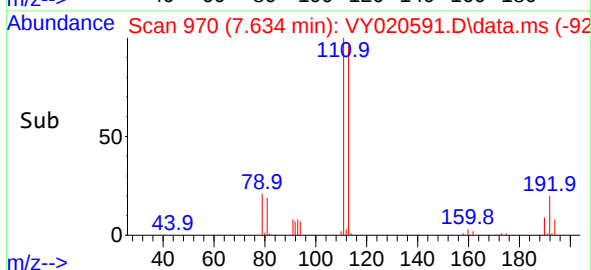
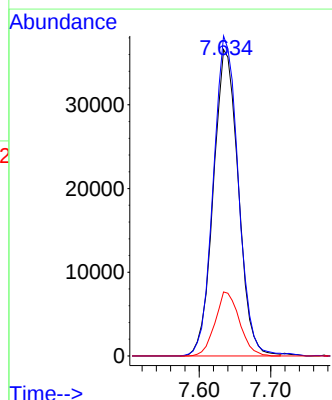
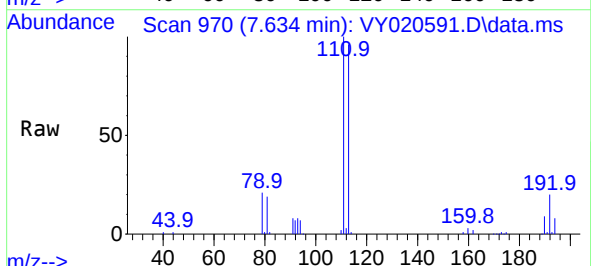
Tgt Ion:113 Resp: 88790

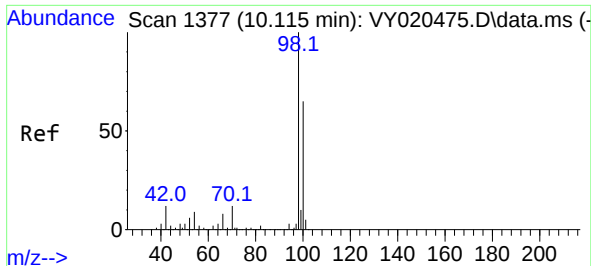
Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 20.3 15.1 22.7

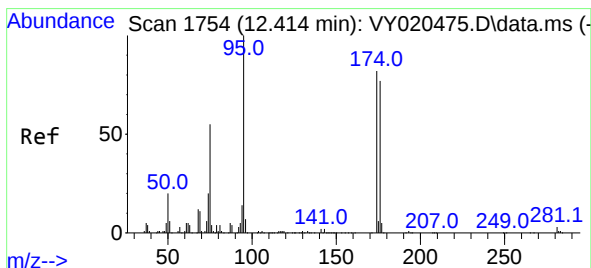
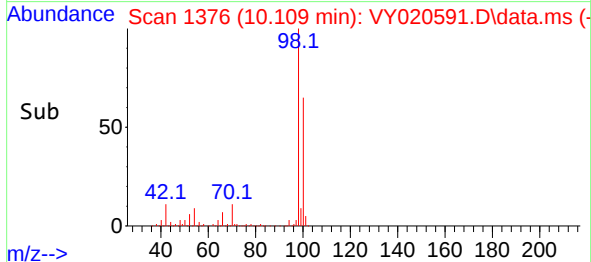
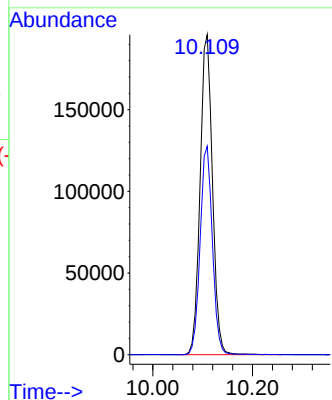
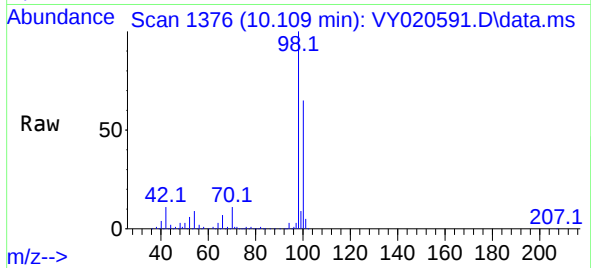




#50
Toluene-d8
Concen: 49.110 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020591.D
Acq: 12 Dec 2024 10:36

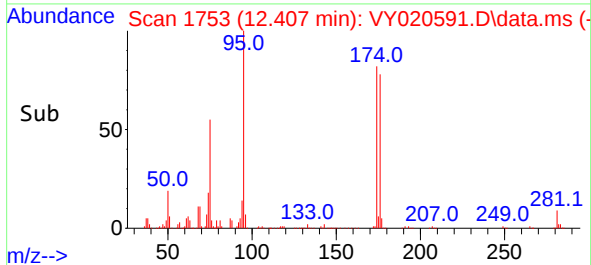
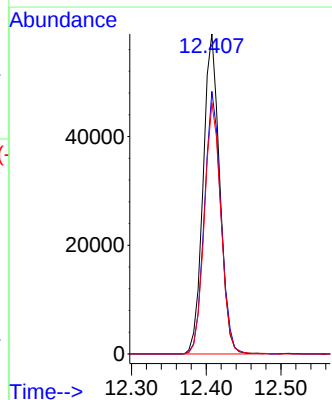
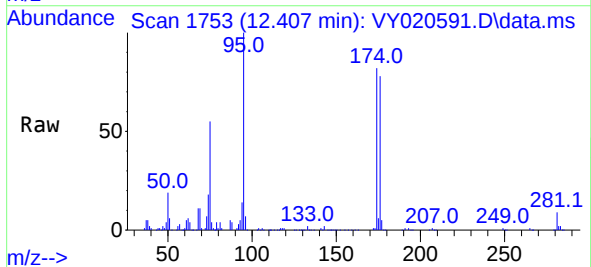
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBL01

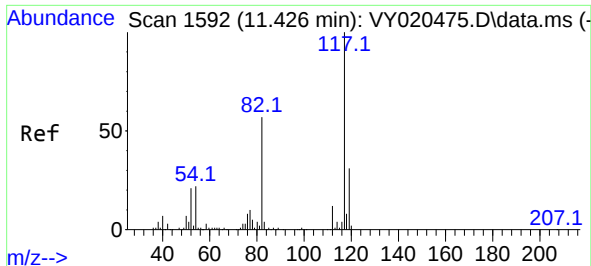
Tgt Ion: 98 Resp: 335847
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 37.812 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020591.D
Acq: 12 Dec 2024 10:36

Tgt Ion: 95 Resp: 90438
Ion Ratio Lower Upper
95 100
174 81.7 0.0 156.8
176 78.4 0.0 152.0

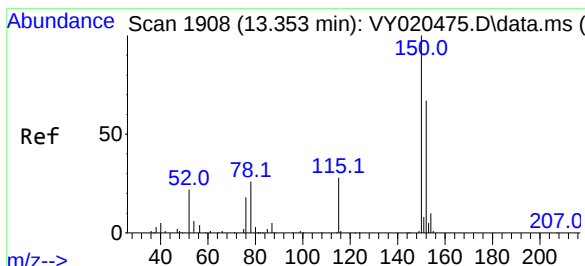
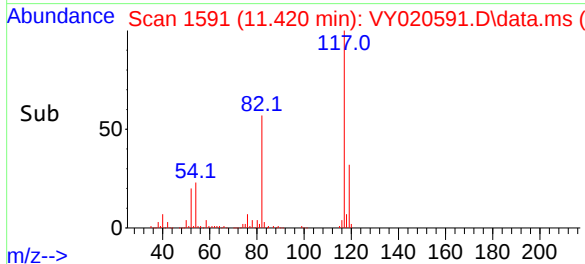
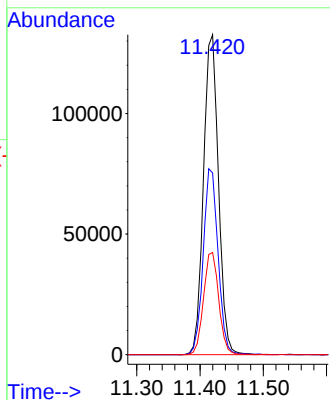
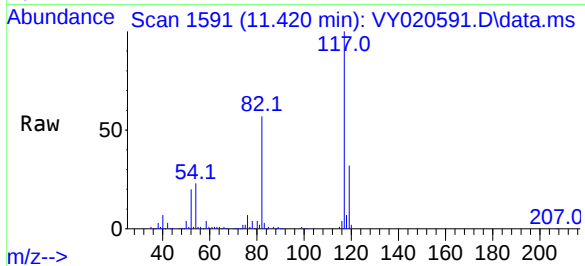




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020591.D
Acq: 12 Dec 2024 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBL01

Tgt Ion:117 Resp: 218993
Ion Ratio Lower Upper
117 100
82 56.8 48.2 72.4
119 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY020591.D
Acq: 12 Dec 2024 10:36

Tgt Ion:152 Resp: 76065
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.0
150 155.5 0.0 348.2

