

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012413.D
 Acq On : 31 Jan 2023 12:29
 Operator : KP/MD
 Sample : VY0131SBL07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBL07

Quant Time: Feb 01 01:22:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	145528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	207218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101313	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62311	51.798	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.600%
35) Dibromofluoromethane	7.716	113	56455	46.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.900%
50) Toluene-d8	10.179	98	190873	45.419	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.840%
62) 4-Bromofluorobenzene	12.483	95	68475	40.398	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.800%

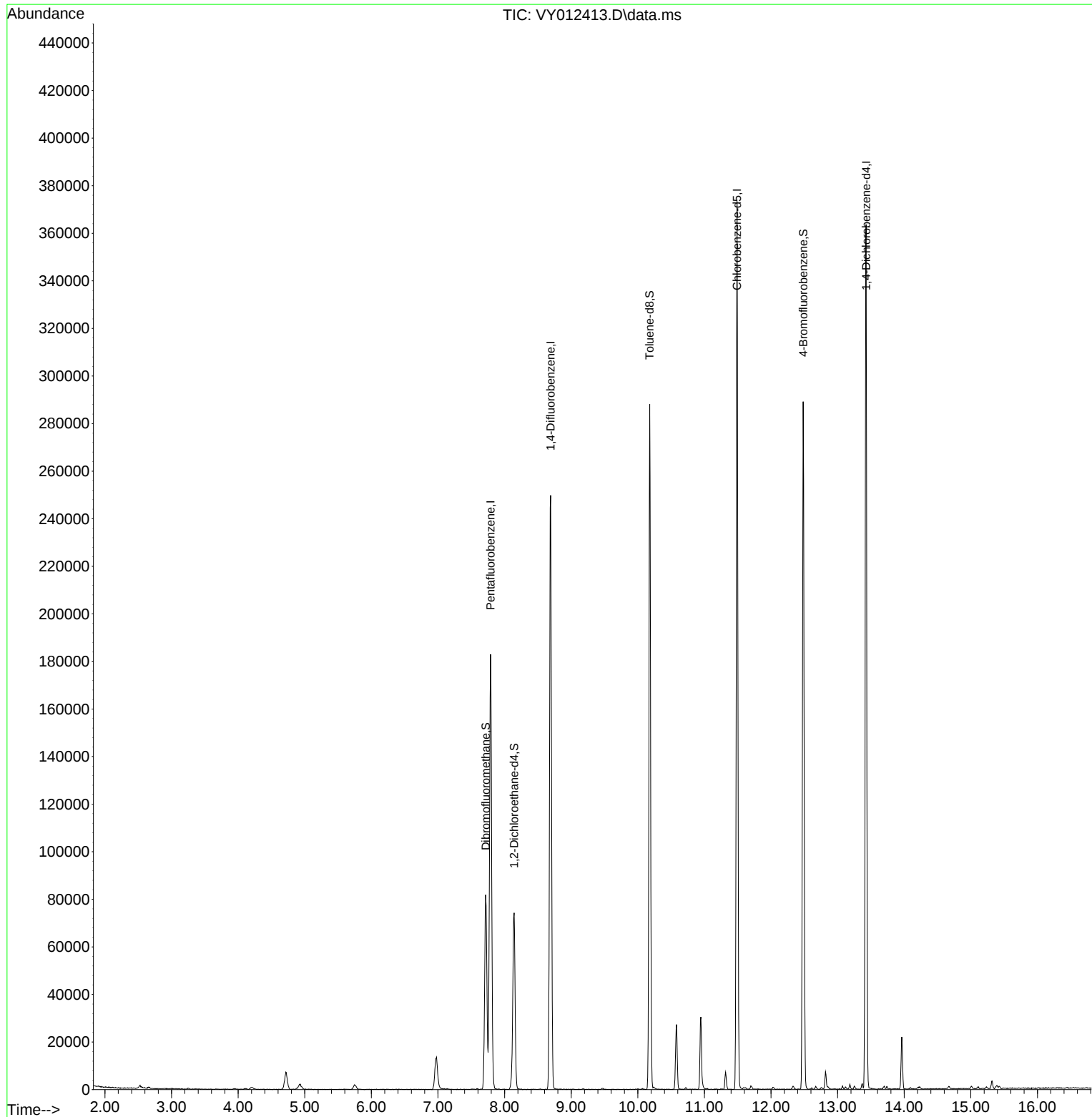
Target Compounds	Qvalue

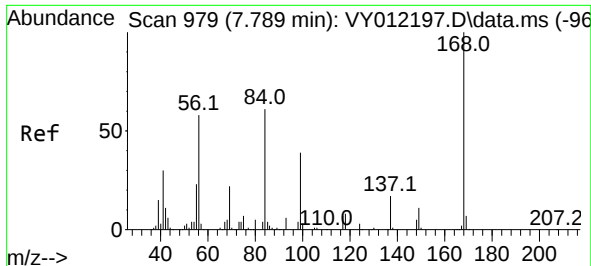
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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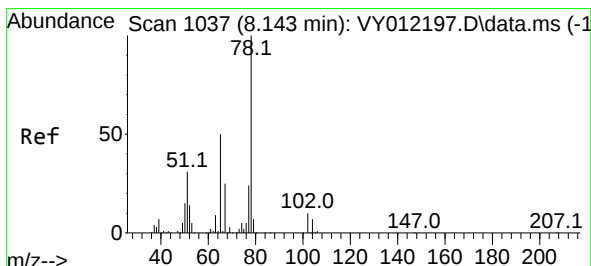
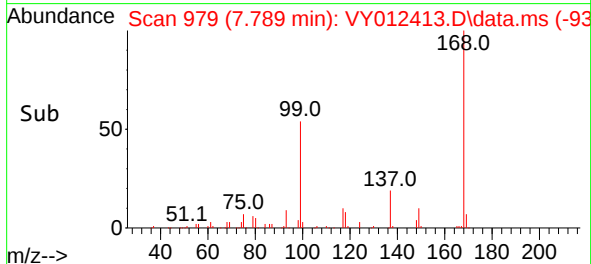
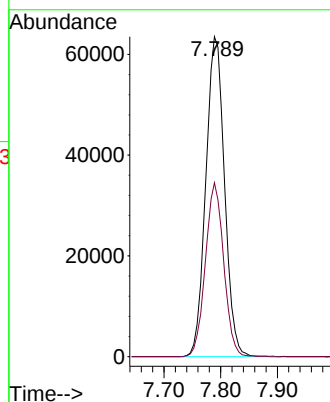
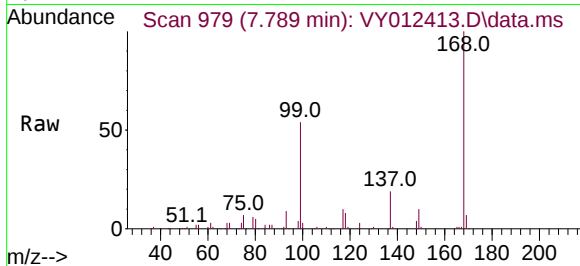




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012413.D
Acq: 31 Jan 2023 12:29

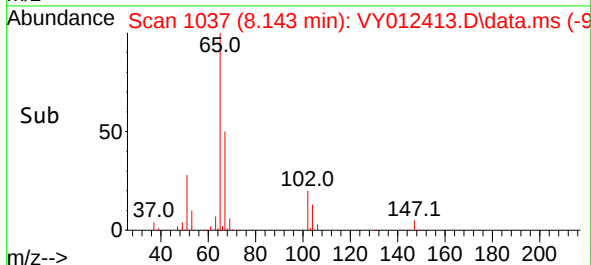
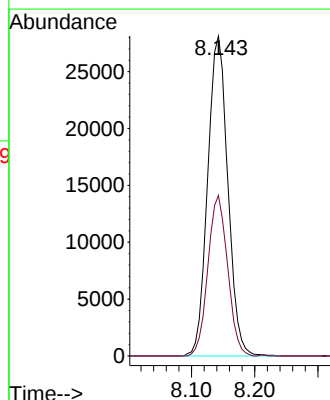
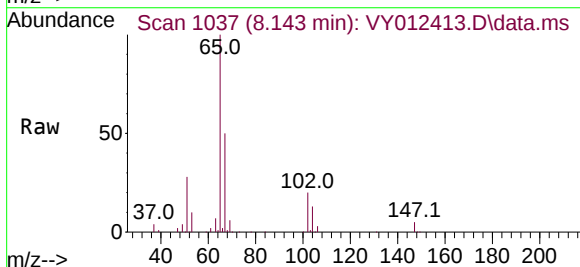
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL07

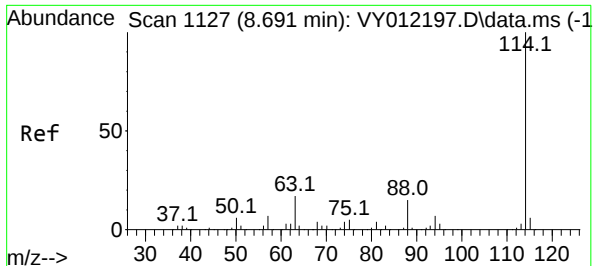
Tgt Ion:168 Resp: 145528
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 51.798 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012413.D
Acq: 31 Jan 2023 12:29

Tgt Ion: 65 Resp: 62311
Ion Ratio Lower Upper
65 100
67 49.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012413.D

Acq: 31 Jan 2023 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBL07

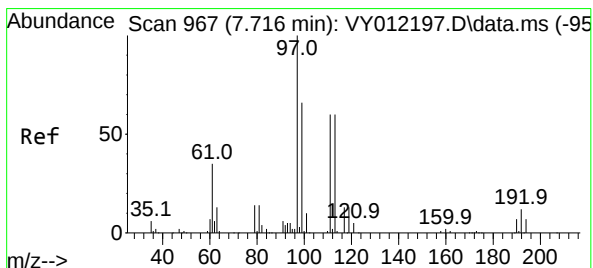
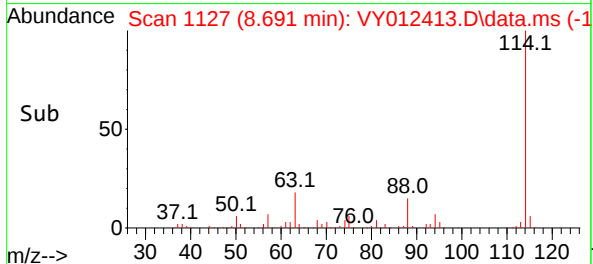
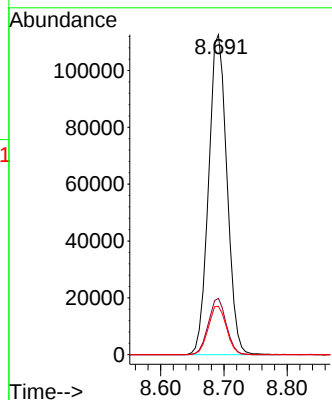
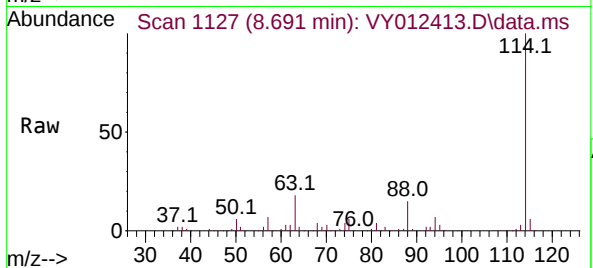
Tgt Ion:114 Resp: 227083

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.952 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012413.D

Acq: 31 Jan 2023 12:29

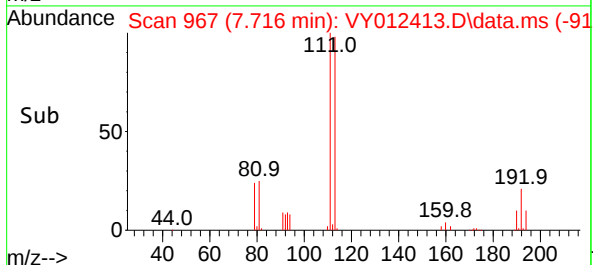
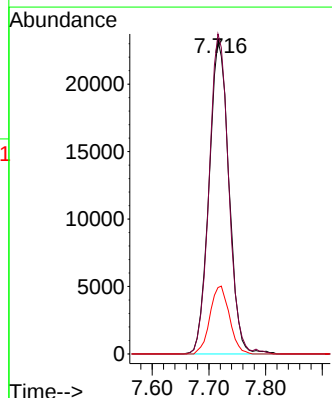
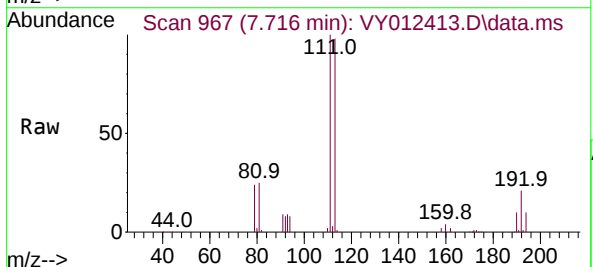
Tgt Ion:113 Resp: 56455

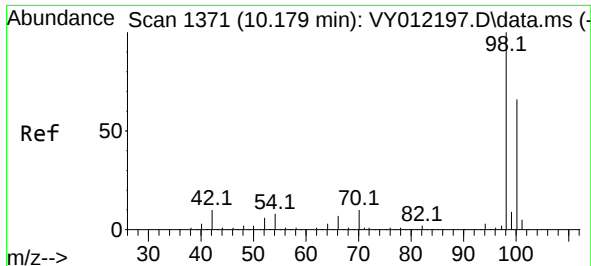
Ion Ratio Lower Upper

113 100

111 100.1 83.0 124.4

192 21.2 16.0 24.0

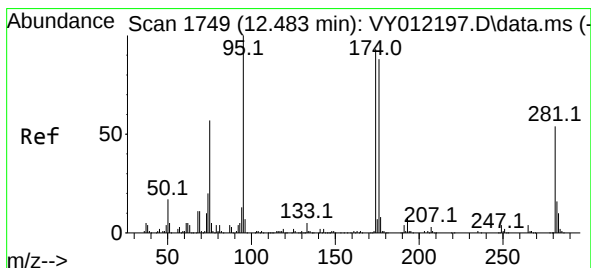
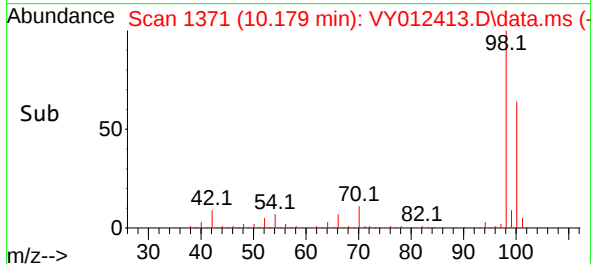
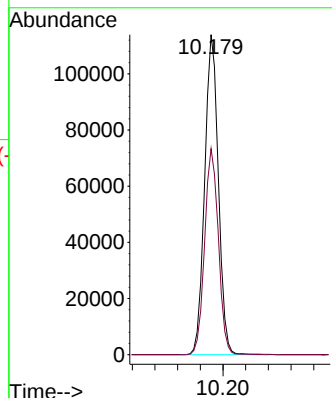
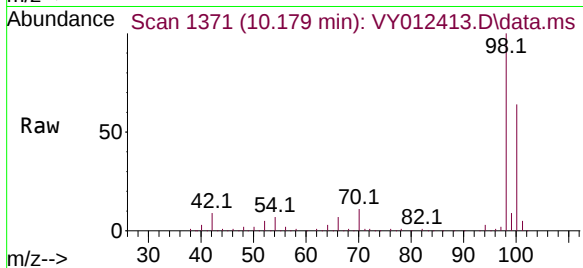




#50
Toluene-d8
Concen: 45.419 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012413.D
Acq: 31 Jan 2023 12:29

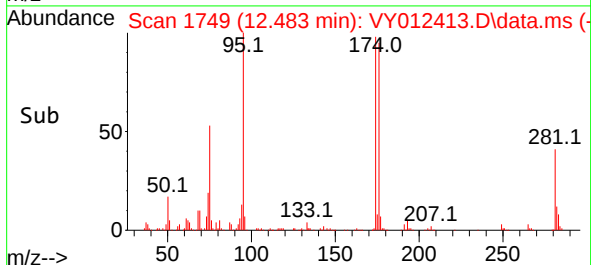
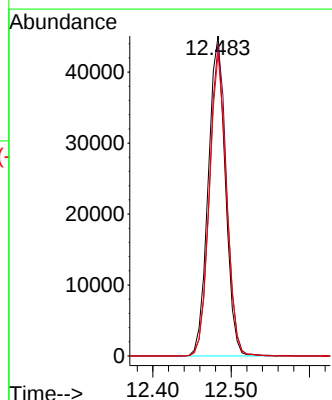
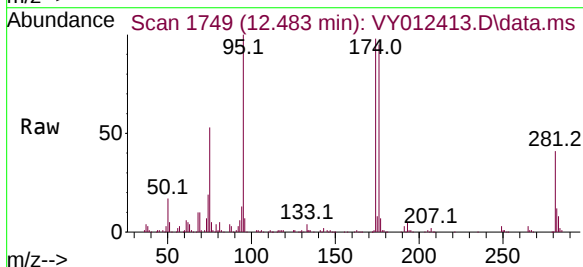
Instrument :
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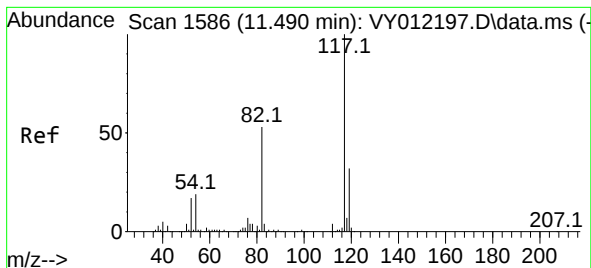
Tgt Ion: 98 Resp: 190873
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 40.398 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012413.D
Acq: 31 Jan 2023 12:29

Tgt Ion: 95 Resp: 68475
Ion Ratio Lower Upper
95 100
174 97.7 0.0 172.0
176 94.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012413.D

Acq: 31 Jan 2023 12:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBL07

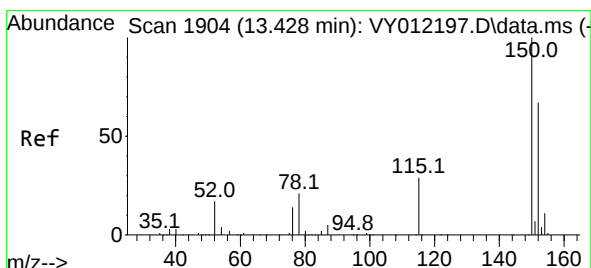
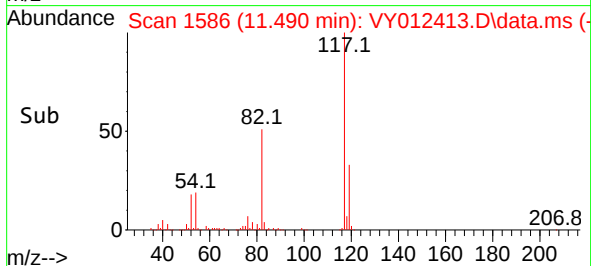
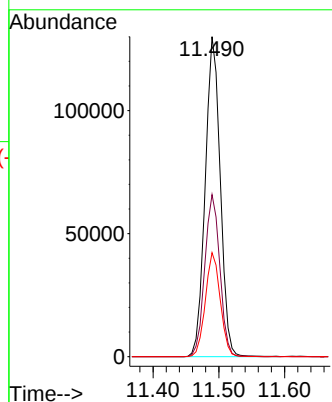
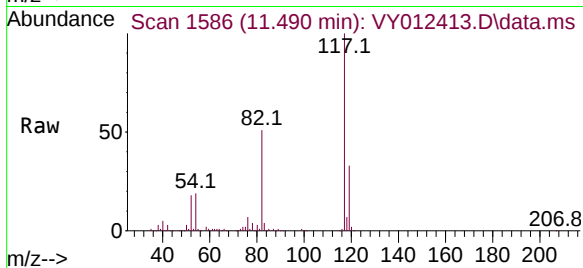
Tgt Ion:117 Resp: 207218

Ion Ratio Lower Upper

117 100

82 50.7 44.8 67.2

119 32.5 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012413.D

Acq: 31 Jan 2023 12:29

Tgt Ion:152 Resp: 101313

Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.3

150 154.5 0.0 342.6

