

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013737.D
 Acq On : 15 May 2023 15:16
 Operator : KP/MD
 Sample : 02743-05
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-COMP

Quant Time: May 16 01:32:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	133433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	218905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96782	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	93246	63.748	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.500%
35) Dibromofluoromethane	7.716	113	81341	56.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.920%
50) Toluene-d8	10.179	98	282908	55.686	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.380%
62) 4-Bromofluorobenzene	12.477	95	90093	52.602	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.200%

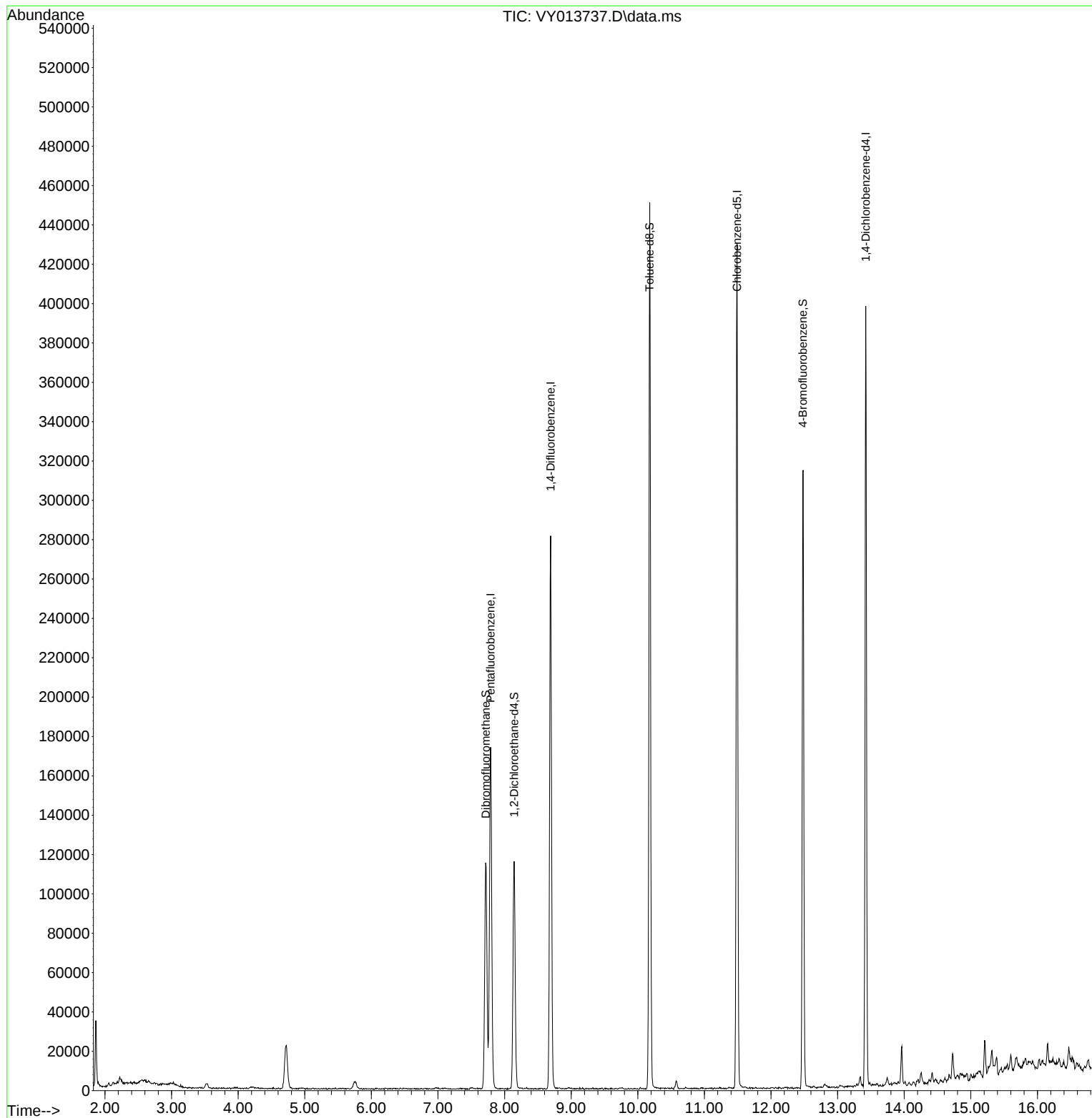
Target Compounds	Qvalue

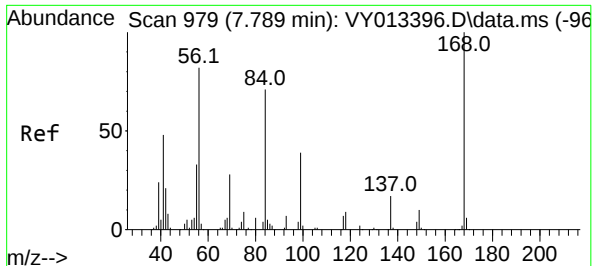
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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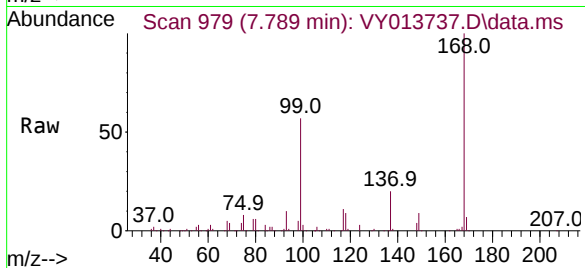
Quant Time: May 16 01:32:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
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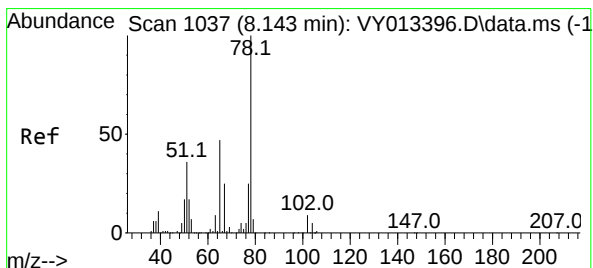
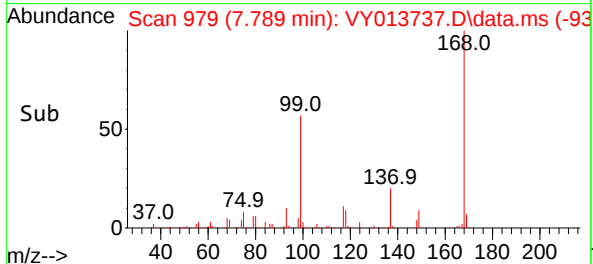
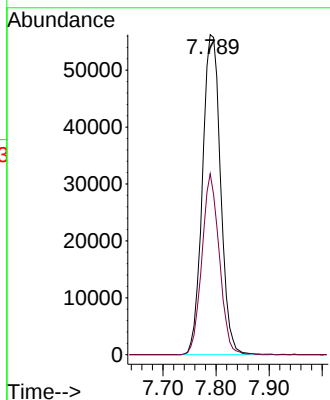


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP

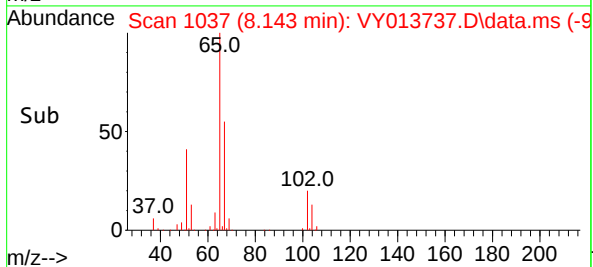
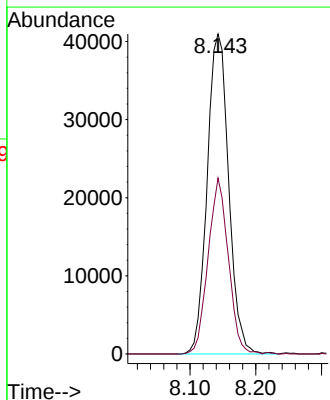
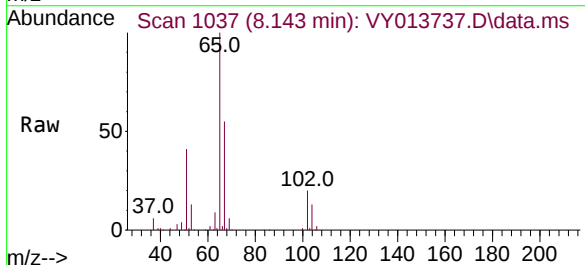


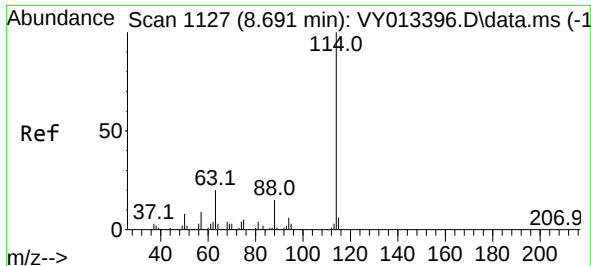
Tgt Ion:168 Resp: 133433
Ion Ratio Lower Upper
168 100
99 56.5 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 63.748 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

Tgt Ion: 65 Resp: 93246
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013737.D

Acq: 15 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

RO-COMP

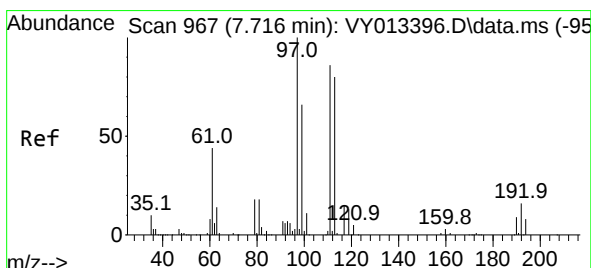
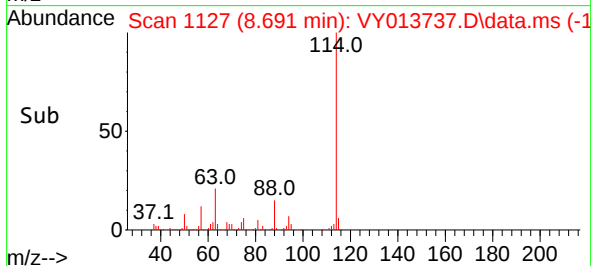
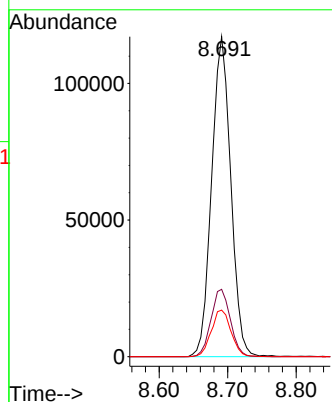
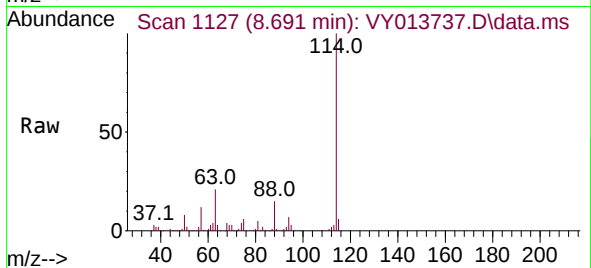
Tgt Ion:114 Resp: 227062

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.6

88 14.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 56.957 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013737.D

Acq: 15 May 2023 15:16

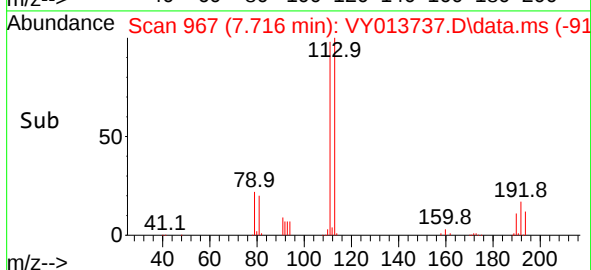
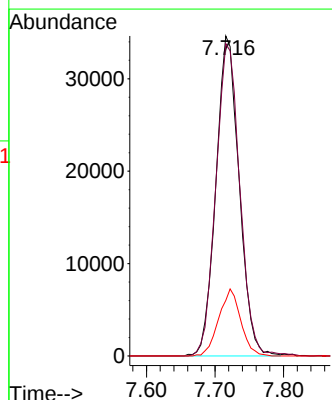
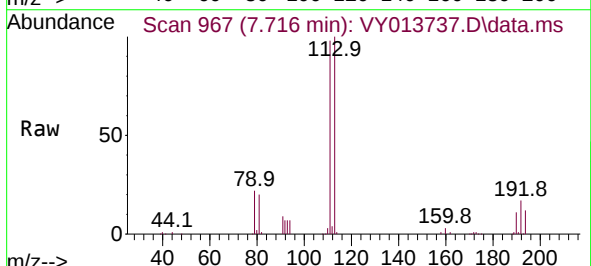
Tgt Ion:113 Resp: 81341

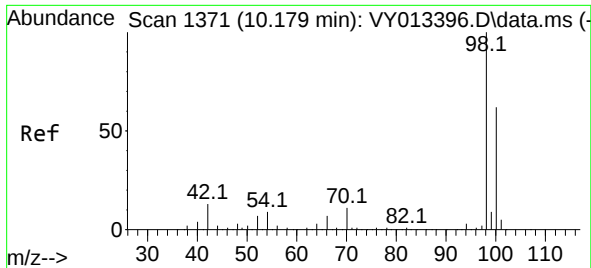
Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.2

192 19.8 16.7 25.1

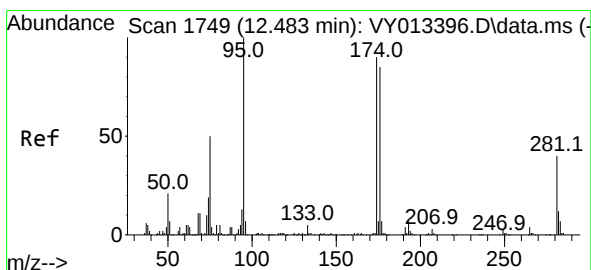
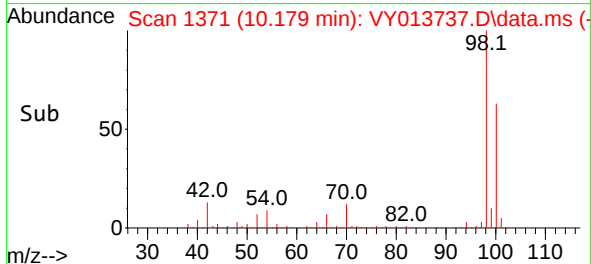
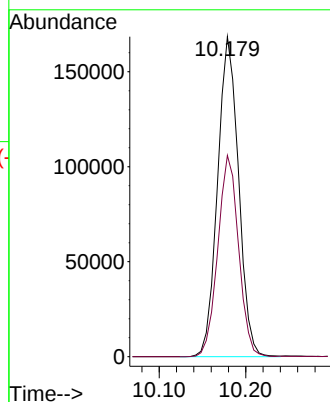
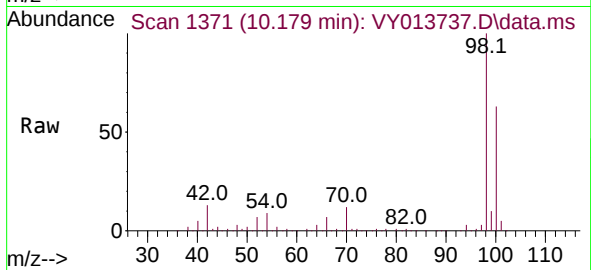




#50
Toluene-d8
Concen: 55.686 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

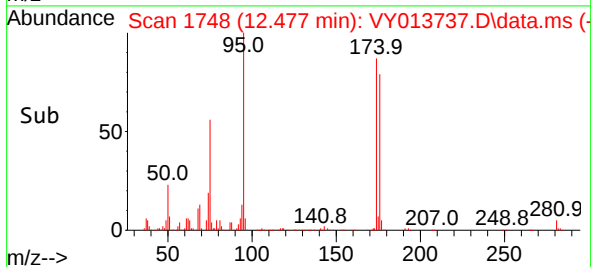
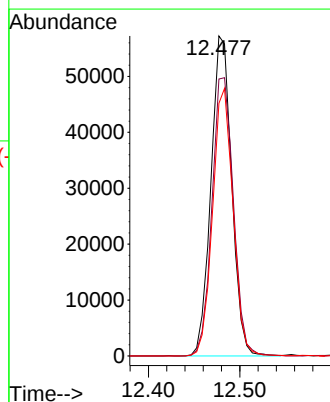
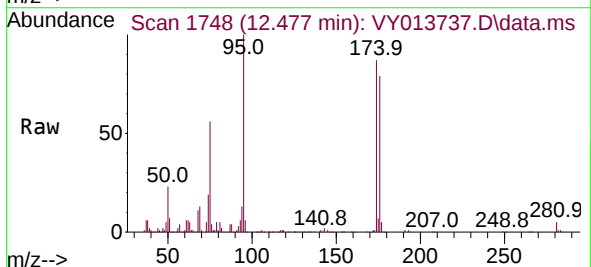
Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP

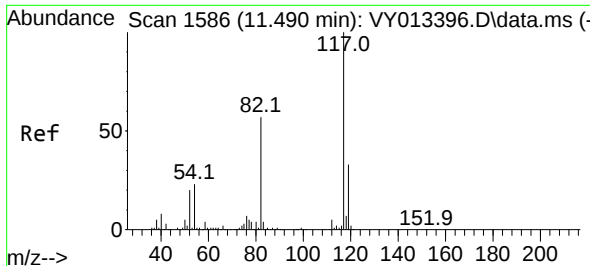
Tgt Ion: 98 Resp: 282908
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.602 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

Tgt Ion: 95 Resp: 90093
Ion Ratio Lower Upper
95 100
174 89.9 0.0 182.0
176 82.7 0.0 175.4

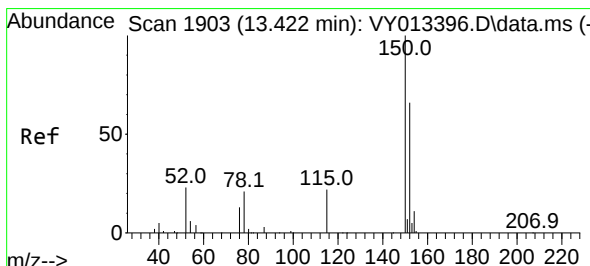
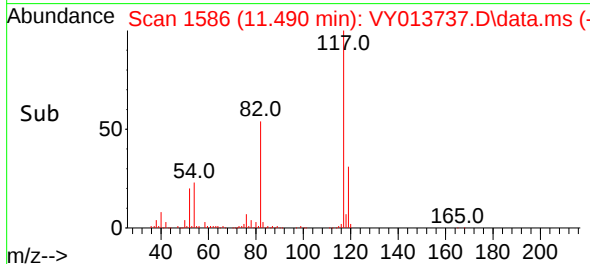
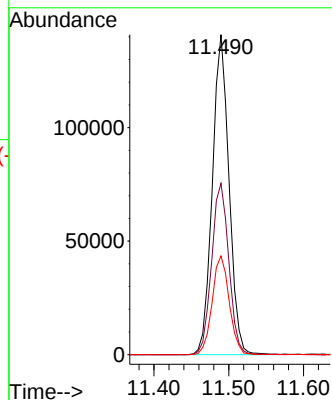
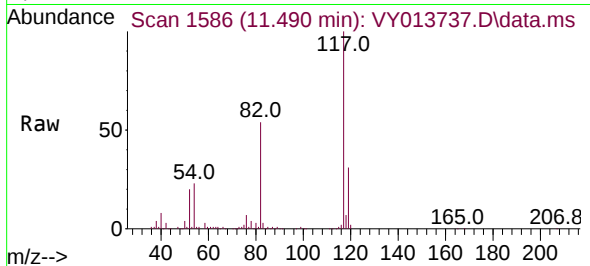




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP

Tgt Ion:117 Resp: 218905
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.6
119 30.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

Tgt Ion:152 Resp: 96782
Ion Ratio Lower Upper
152 100
115 58.3 28.1 84.2
150 157.6 0.0 352.0

