

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013074.D
 Acq On : 24 Mar 2023 13:23
 Operator : KP/MD
 Sample : 02064-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-032323

Quant Time: Mar 25 03:32:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	6806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2589	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4051	59.948	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.900%
35) Dibromofluoromethane	7.716	113	3749	64.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.680%
50) Toluene-d8	10.179	98	11236	53.160	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.320%
62) 4-Bromofluorobenzene	12.483	95	2839	39.796	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.600%

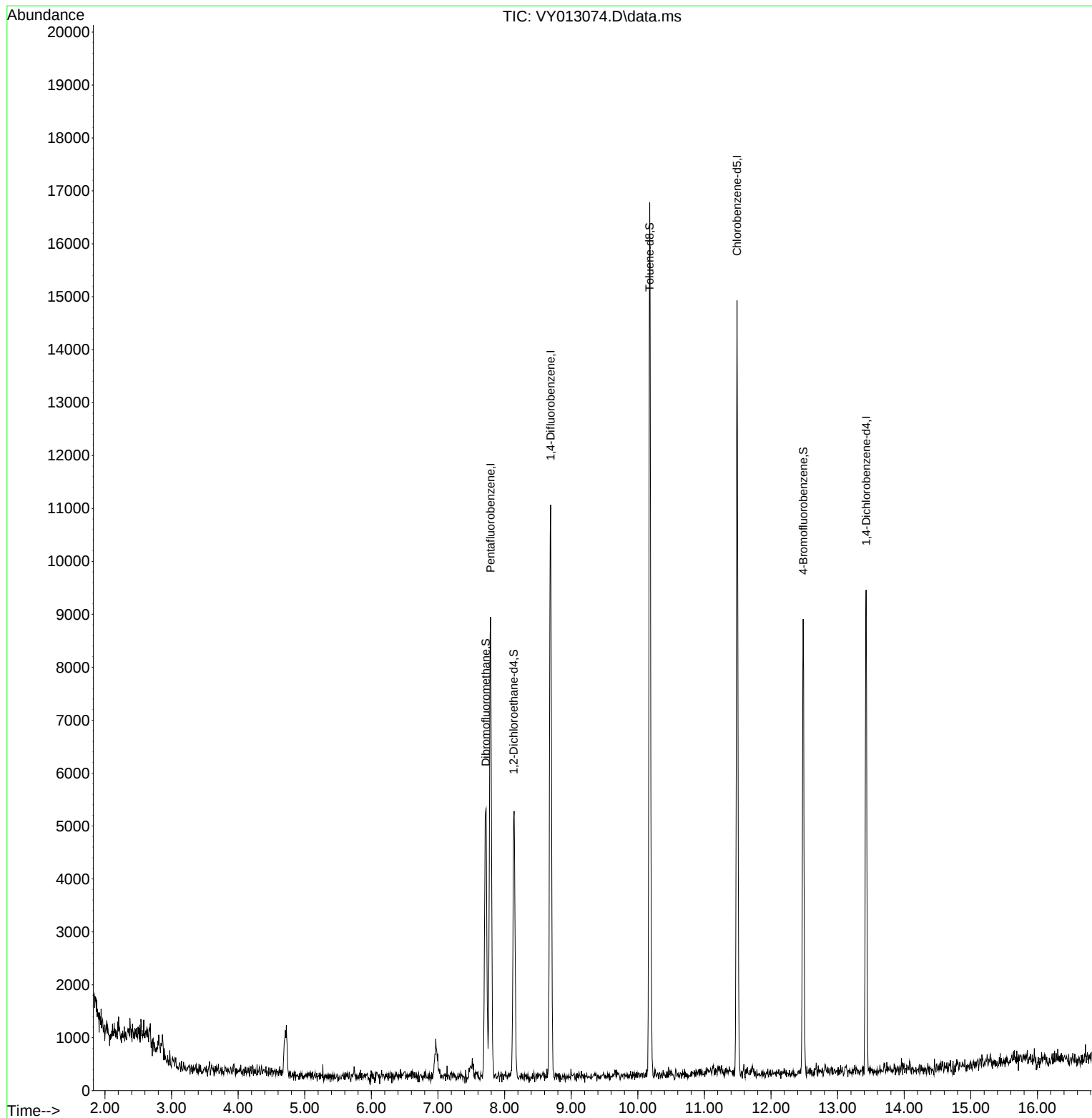
Target Compounds	Qvalue

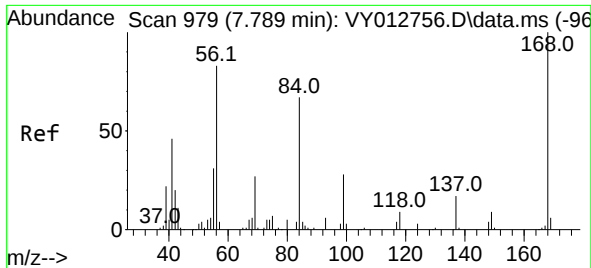
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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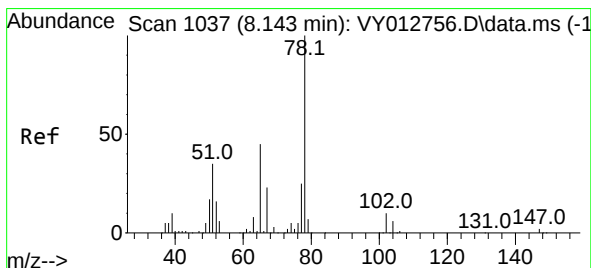
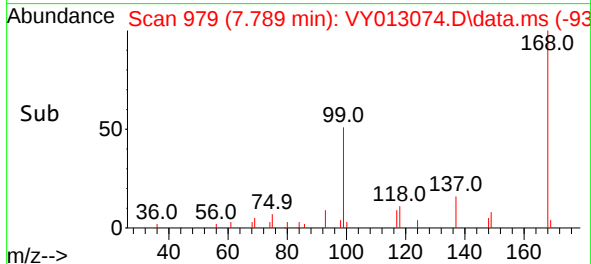
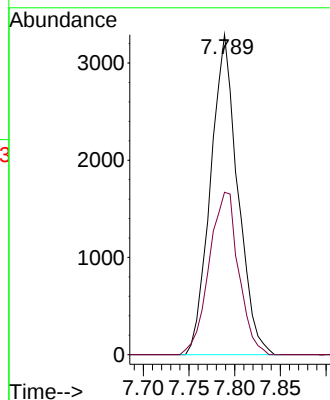
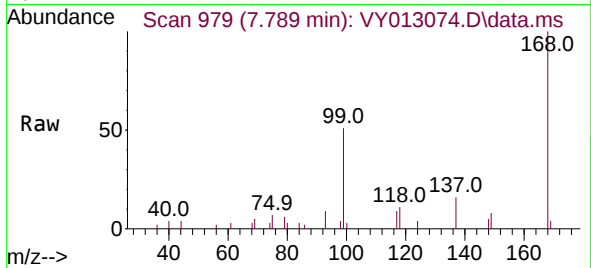




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

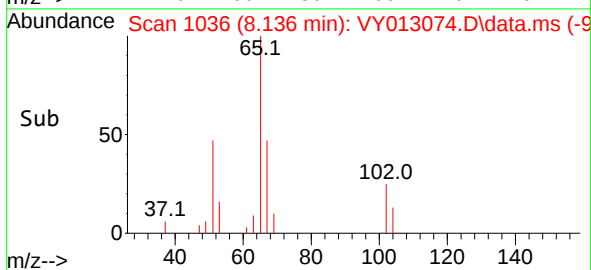
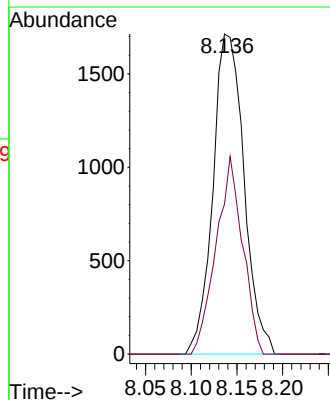
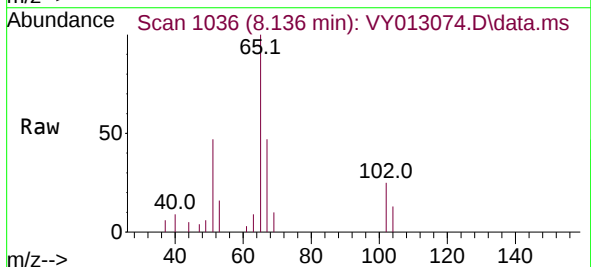
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-032323

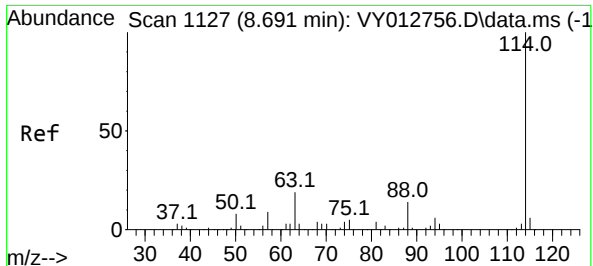
Tgt Ion:168 Resp: 6806
Ion Ratio Lower Upper
168 100
99 50.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 59.948 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

Tgt Ion: 65 Resp: 4051
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013074.D

Acq: 24 Mar 2023 13:23

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-032323

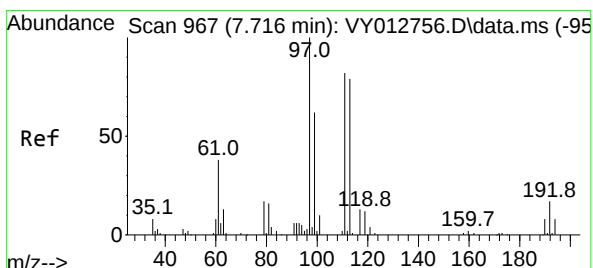
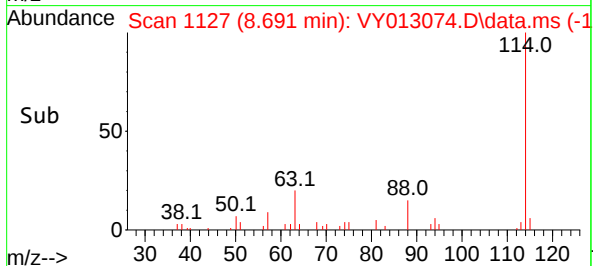
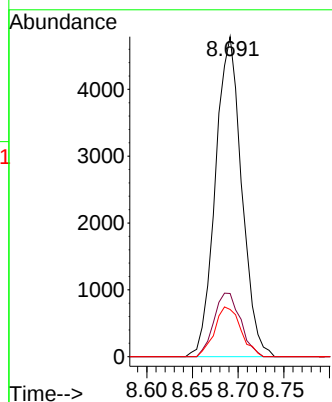
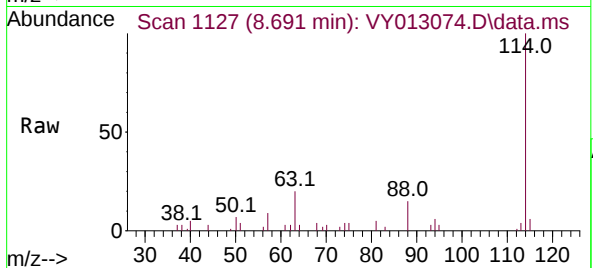
Tgt Ion:114 Resp: 9580

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.7 0.0 28.6



#35

Dibromofluoromethane

Concen: 64.845 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013074.D

Acq: 24 Mar 2023 13:23

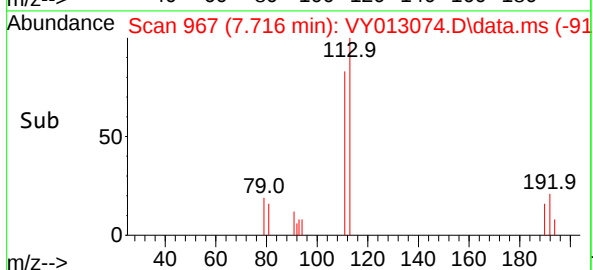
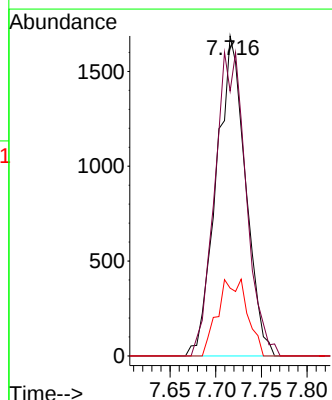
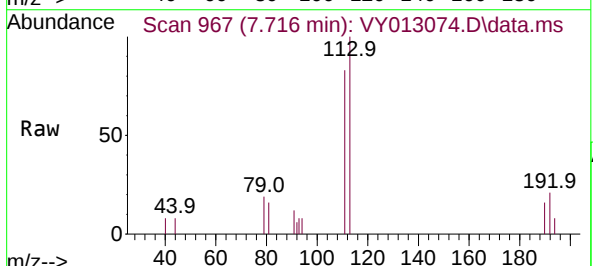
Tgt Ion:113 Resp: 3749

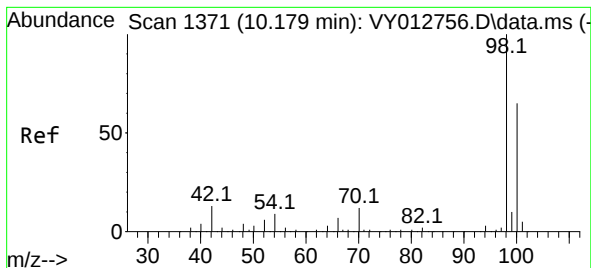
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

192 24.2 16.8 25.2

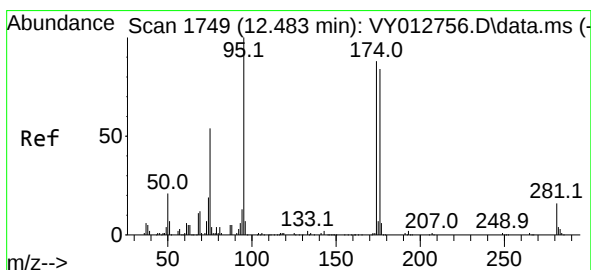
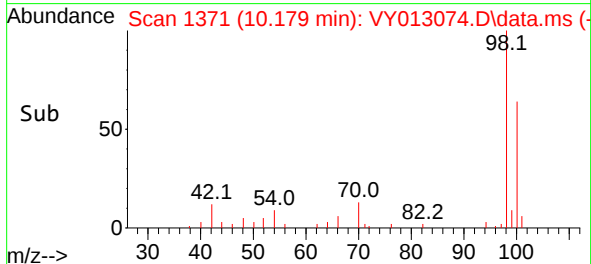
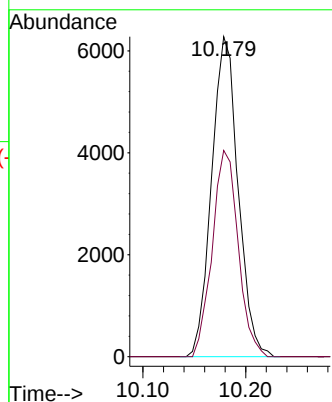
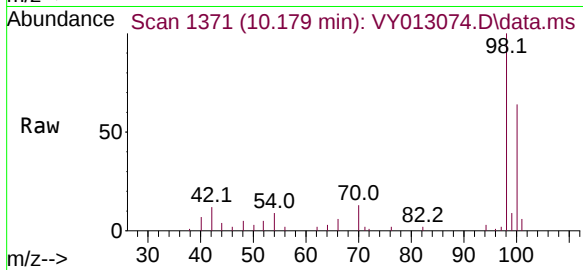




#50
Toluene-d8
Concen: 53.160 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

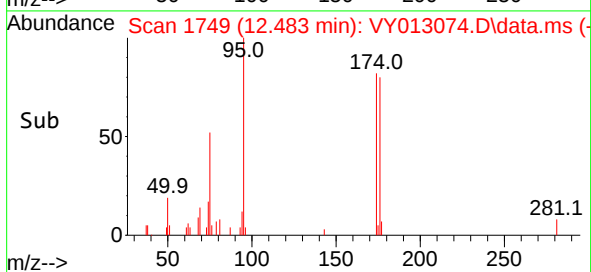
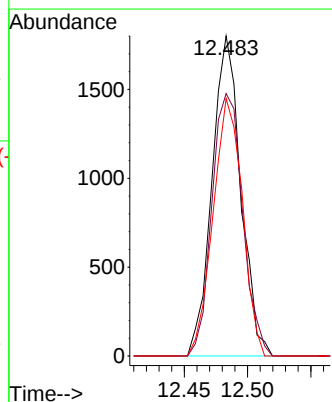
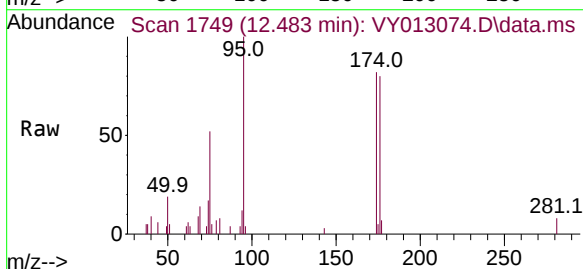
Instrument :
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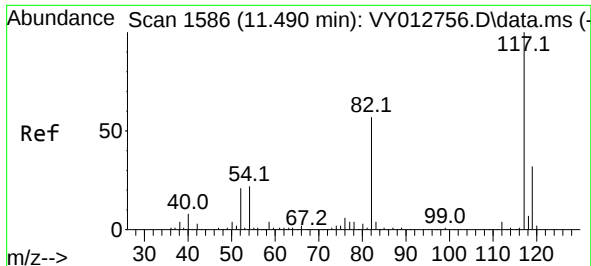
Tgt Ion: 98 Resp: 11236
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 39.796 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

Tgt Ion: 95 Resp: 2839
Ion Ratio Lower Upper
95 100
174 87.7 0.0 176.6
176 82.1 0.0 170.2

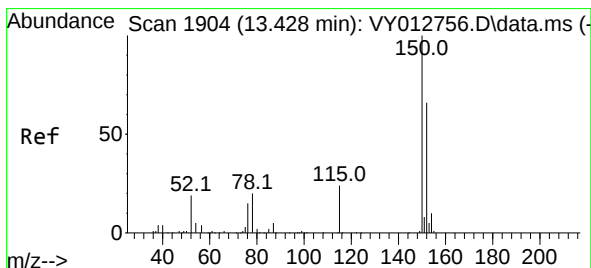
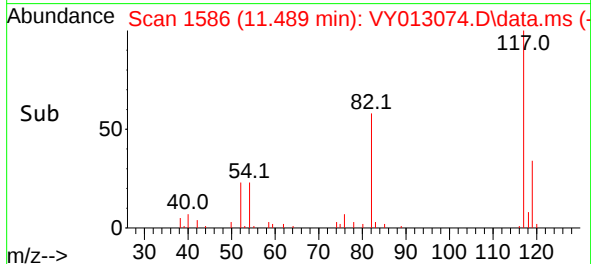
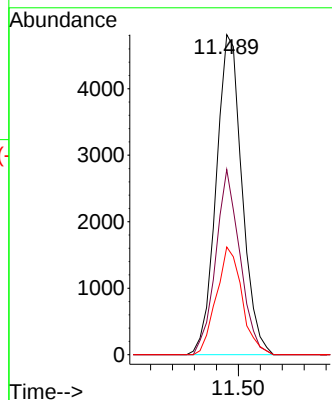
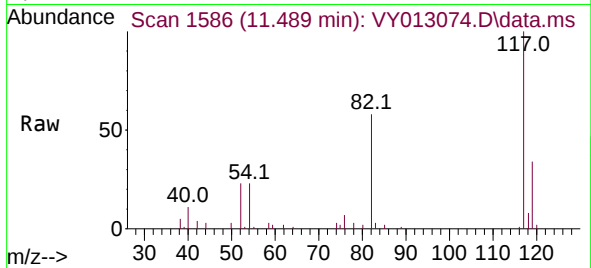




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-032323

Tgt Ion:117	Resp:	7878	
Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.4	68.0
119	33.7	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

Tgt Ion:152	Resp:	2589	
Ion	Ratio	Lower	Upper
152	100		
115	59.1	27.1	81.3
150	163.5	0.0	347.8

