

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012324.D
 Acq On : 23 Jan 2023 19:18
 Operator : KP/MD
 Sample : 01253-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-012023

Quant Time: Jan 24 01:30:39 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	126165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	209744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96063	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	83330	82.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	164.440%#
35) Dibromofluoromethane	7.722	113	64148	56.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.780%
50) Toluene-d8	10.179	98	256392	67.104	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	134.200%
62) 4-Bromofluorobenzene	12.483	95	85640	53.874	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.740%

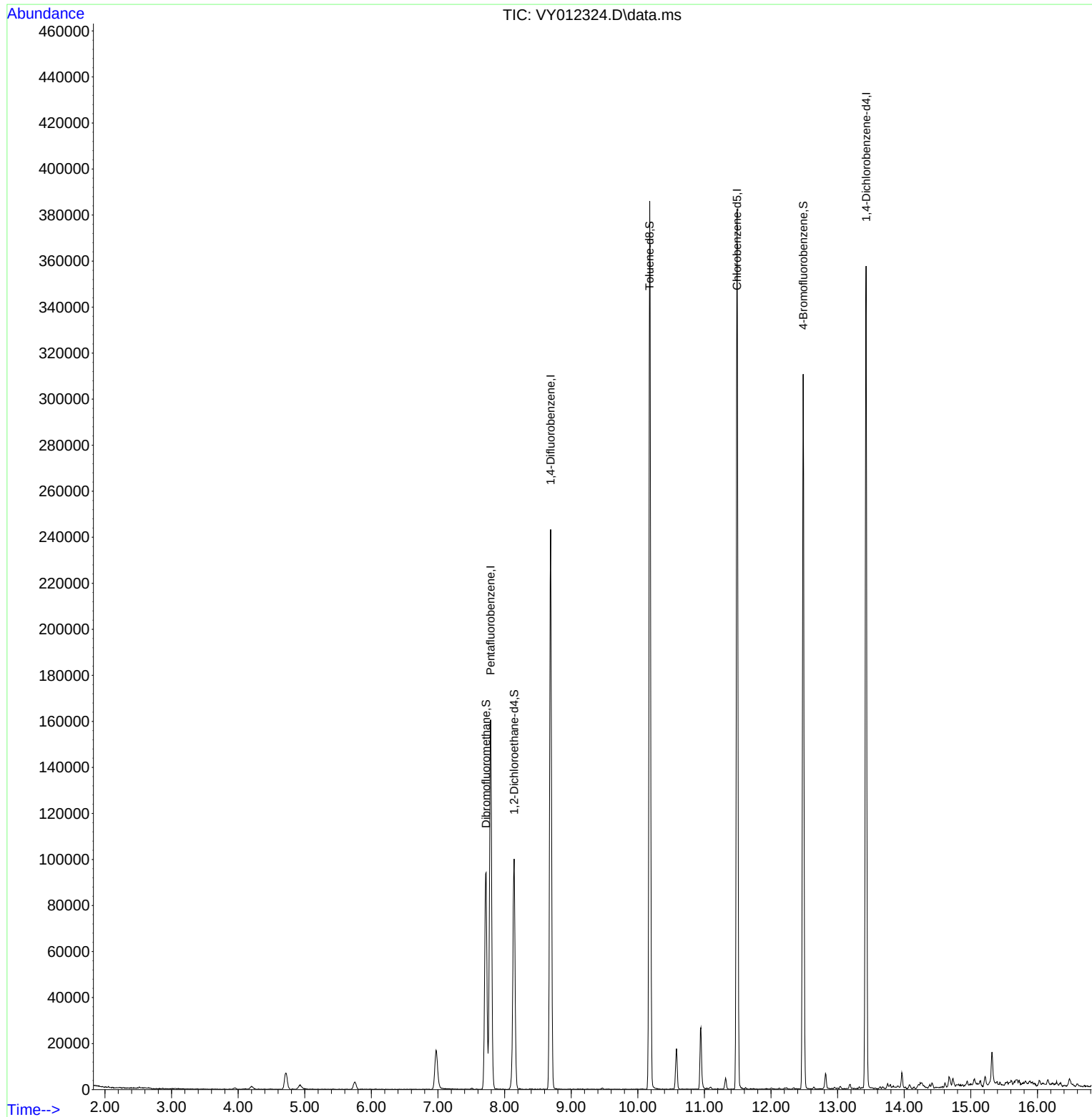
Target Compounds	Qvalue

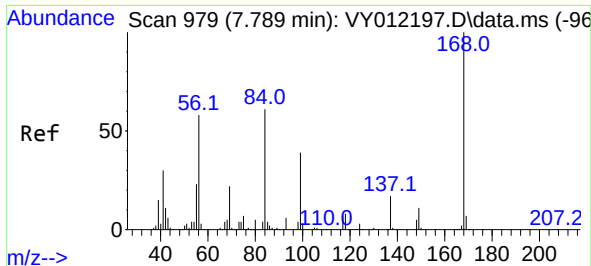
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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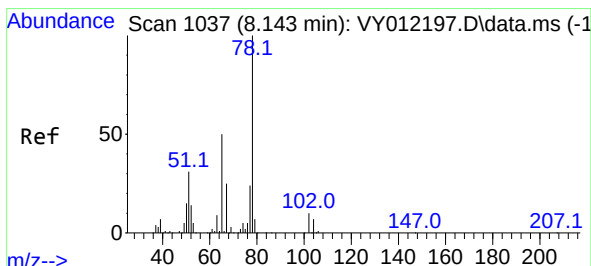
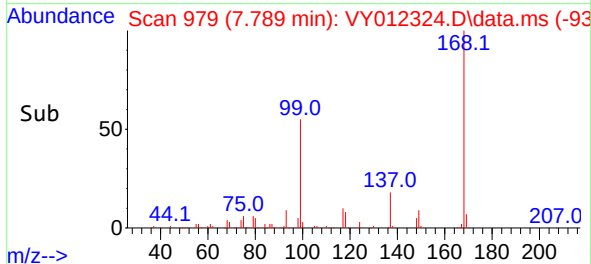
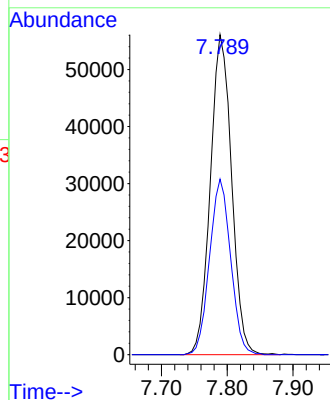
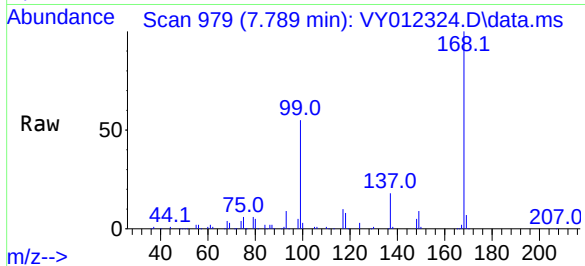




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

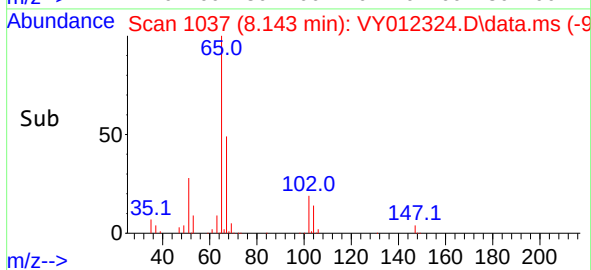
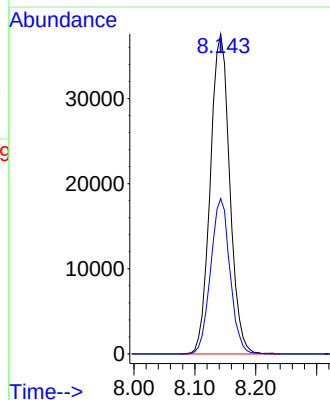
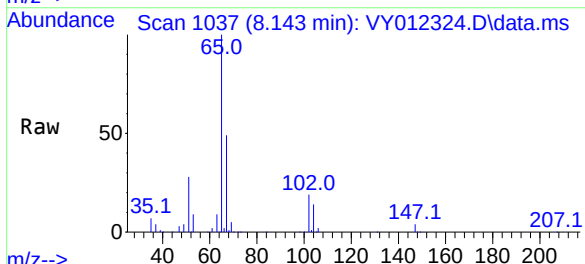
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-012023

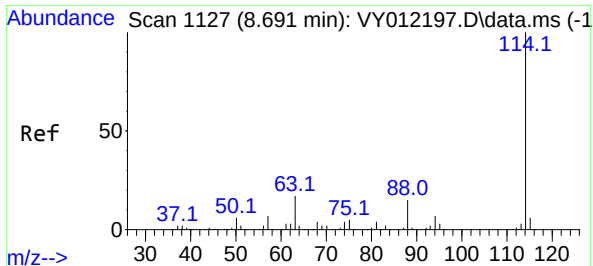
Tgt Ion:168 Resp: 126165
Ion Ratio Lower Upper
168 100
99 54.8 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 82.217 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

Tgt Ion: 65 Resp: 83330
Ion Ratio Lower Upper
65 100
67 48.2 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: VY012324.D

Acq: 23 Jan 2023 19:18

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-012023

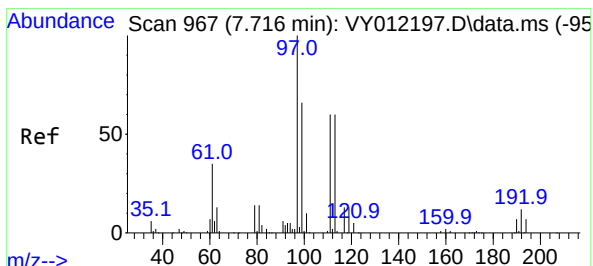
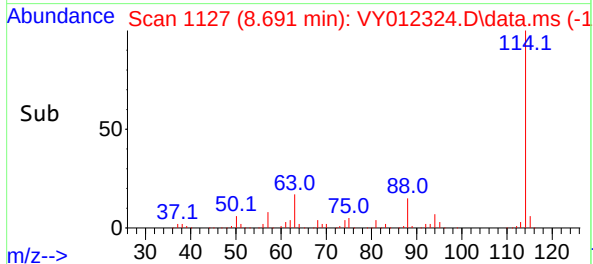
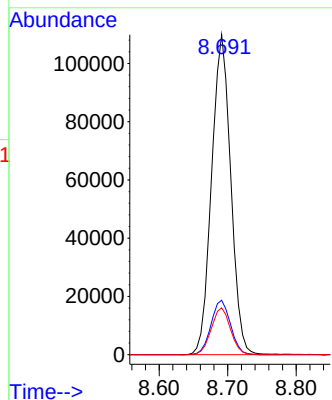
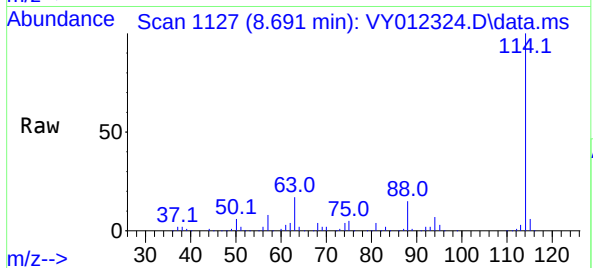
Tgt Ion:114 Resp: 212965

Ion Ratio Lower Upper

114 100

63 17.0 0.0 39.6

88 14.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.886 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012324.D

Acq: 23 Jan 2023 19:18

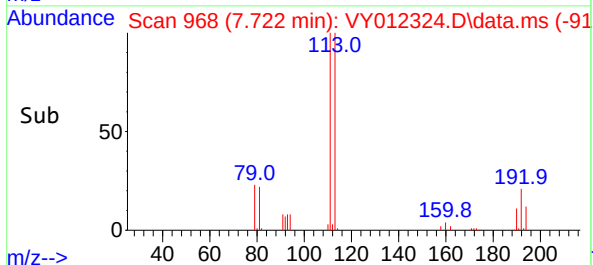
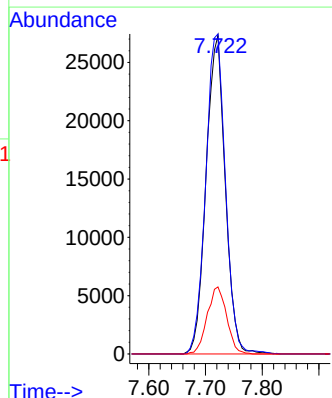
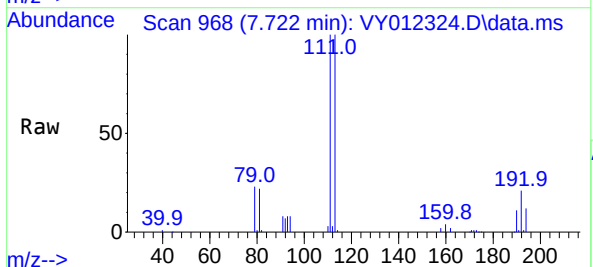
Tgt Ion:113 Resp: 64148

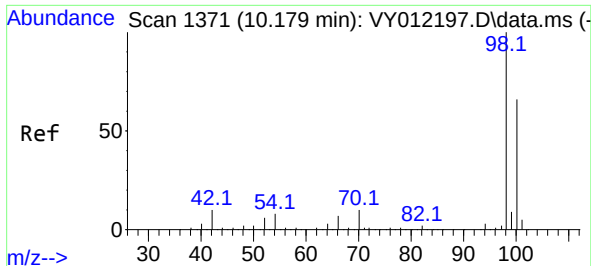
Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.4

192 21.4 16.0 24.0

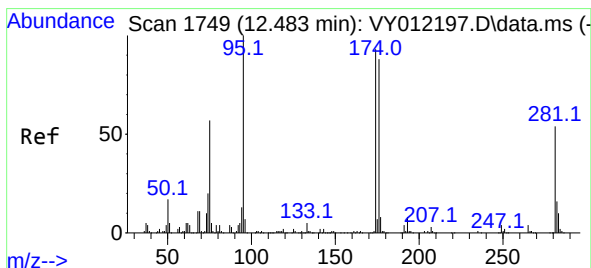
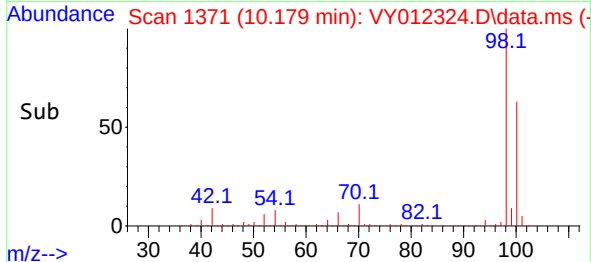
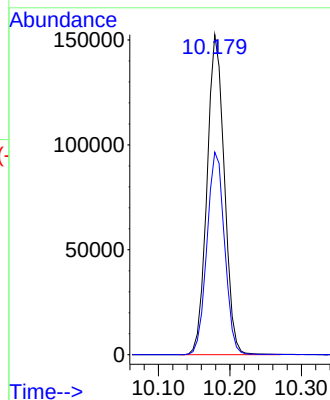
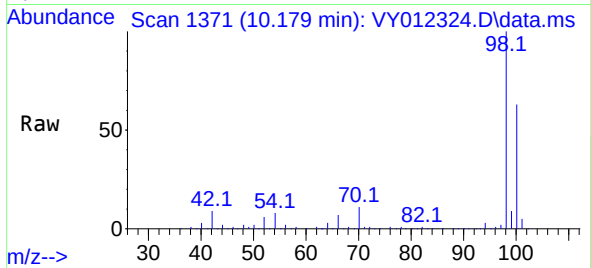




#50
Toluene-d8
Concen: 67.104 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

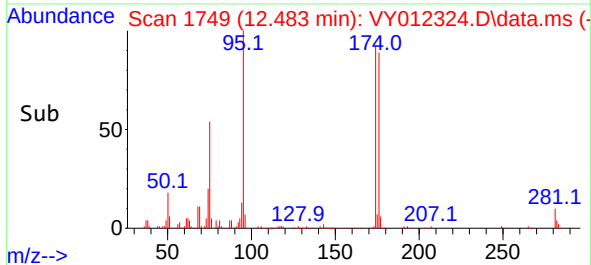
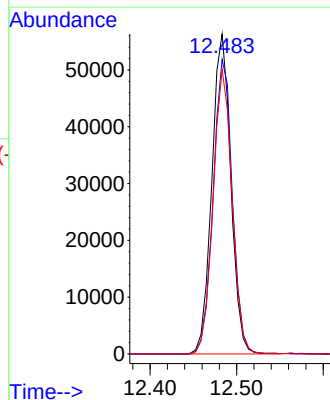
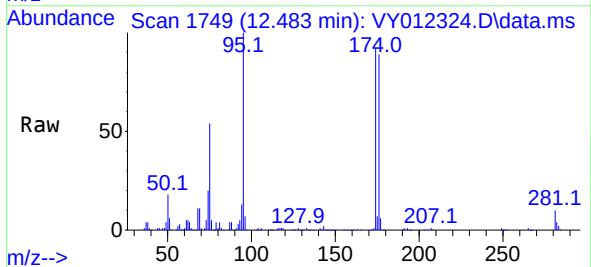
Instrument :
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SU-04-012023

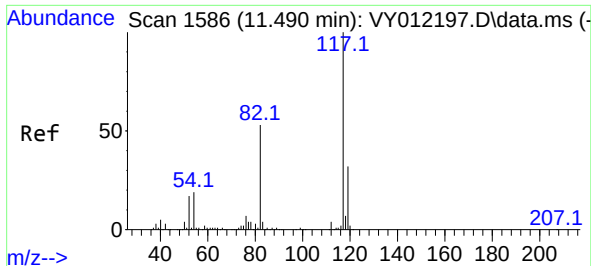
Tgt Ion: 98 Resp: 256392
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.874 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

Tgt Ion: 95 Resp: 85640
Ion Ratio Lower Upper
95 100
174 93.1 0.0 172.0
176 88.9 0.0 167.6

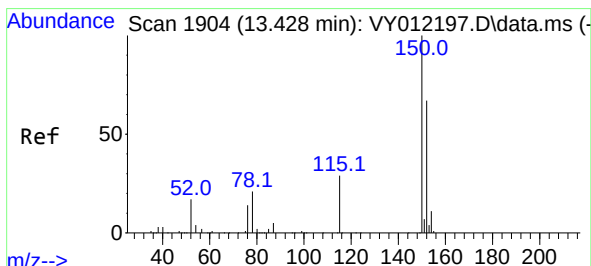
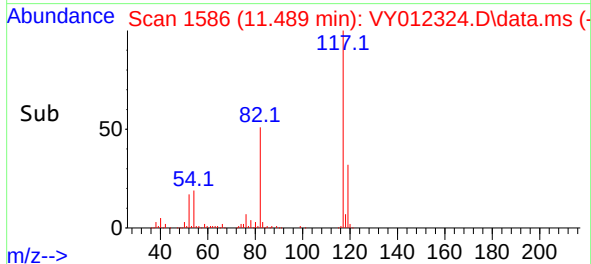
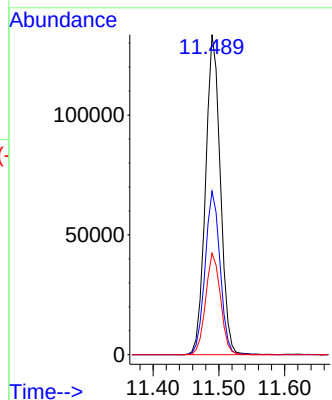
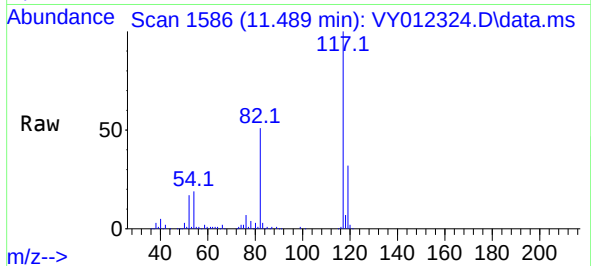




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012324.D
Acq: 23 Jan 2023 19:18

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-012023

Tgt Ion:117 Resp: 209744
Ion Ratio Lower Upper
117 100
82 51.1 44.8 67.2
119 31.7 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: VY012324.D
Acq: 23 Jan 2023 19:18

Tgt Ion:152 Resp: 96063
Ion Ratio Lower Upper
152 100
115 56.2 29.1 87.3
150 156.2 0.0 342.6

