

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012622.D
 Acq On : 15 Feb 2023 18:22
 Operator : KP/MD
 Sample : 01562-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-3-021523

Quant Time: Feb 16 01:02:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1025	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	1506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	243	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	513	39.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.720%
35) Dibromofluoromethane	7.722	113	130	11.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	23.700%#
50) Toluene-d8	10.185	98	1686	36.933	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.860%
62) 4-Bromofluorobenzene	12.483	95	371	23.300	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	46.600%

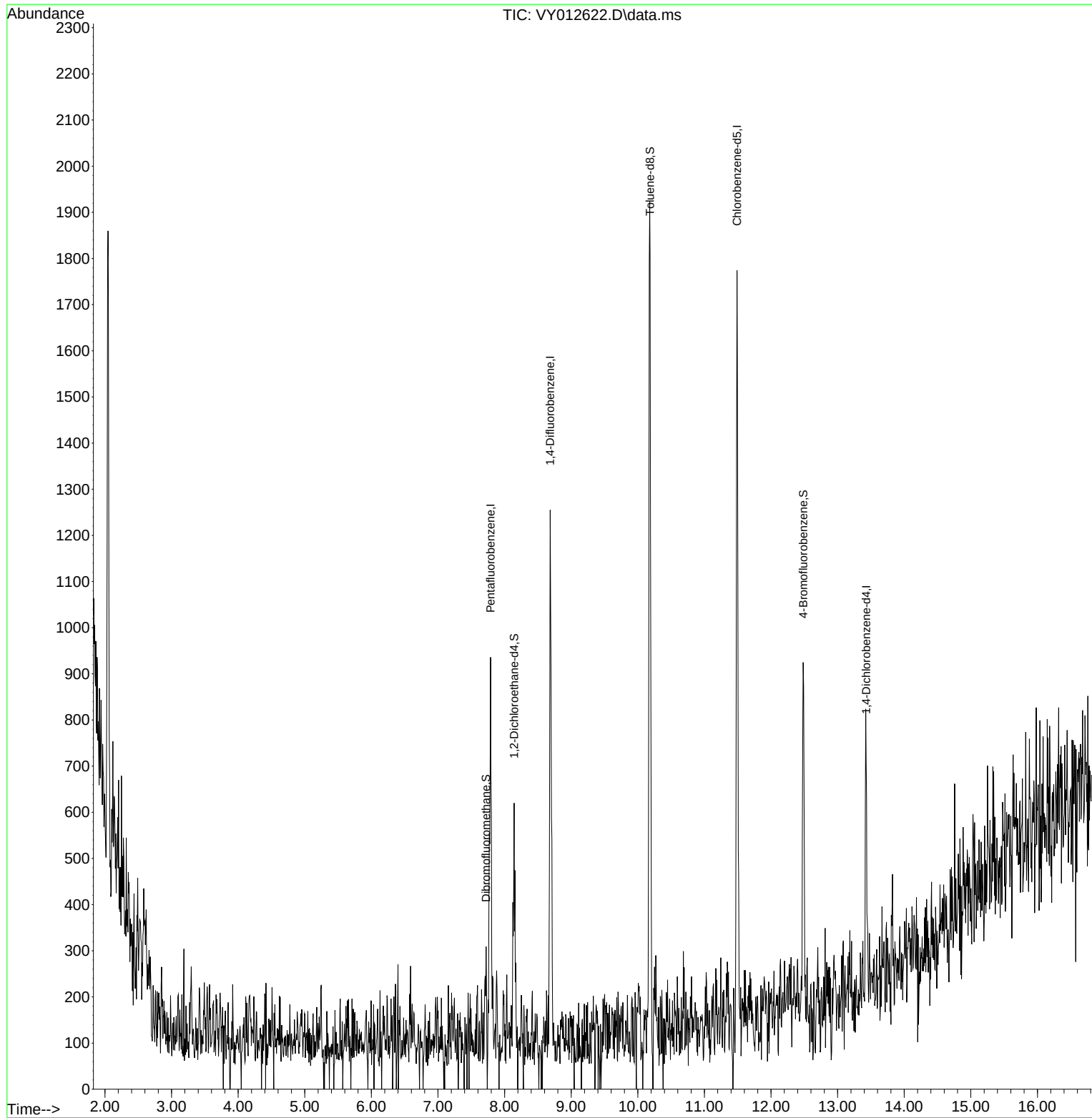
Target Compounds	Qvalue

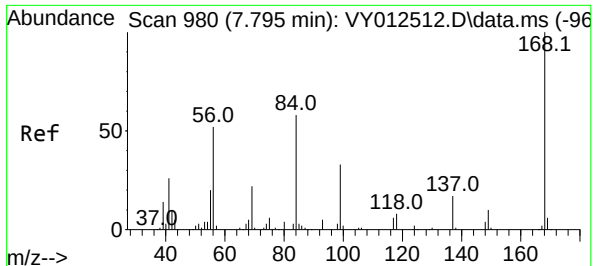
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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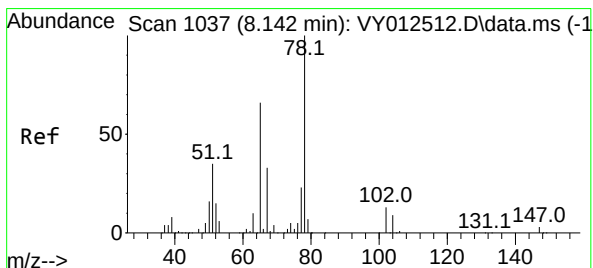
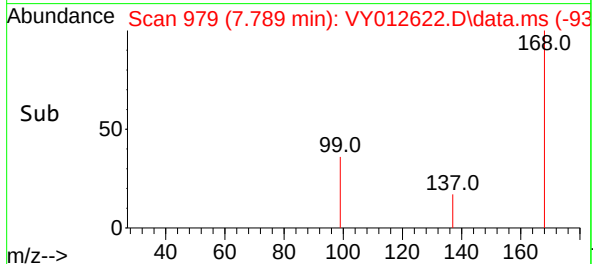
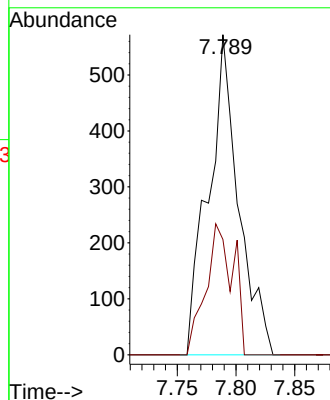
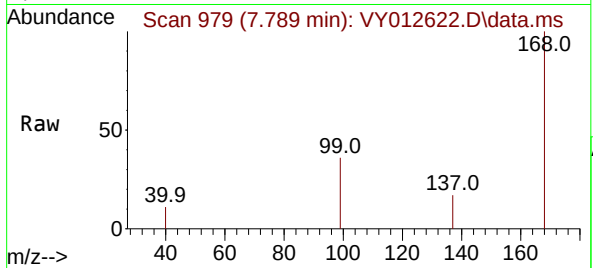




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012622.D
Acq: 15 Feb 2023 18:22

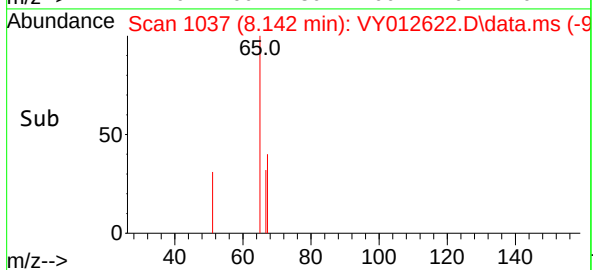
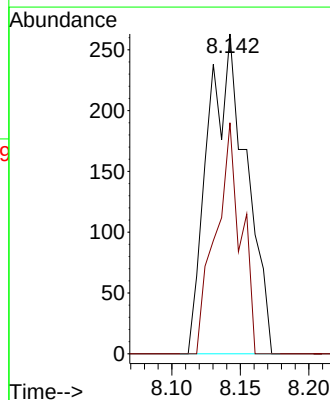
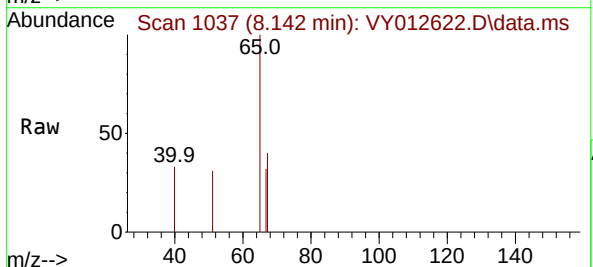
Instrument :
MSVOA_Y
ClientSampleId :
BU-3-021523

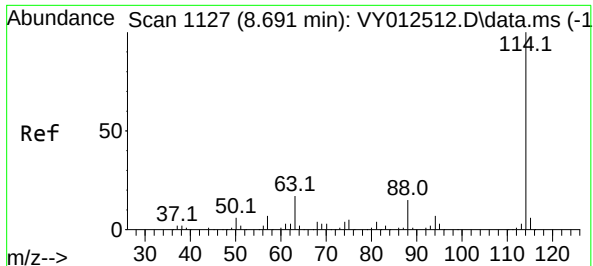
Tgt Ion:168 Resp: 1025
Ion Ratio Lower Upper
168 100
99 36.0 40.8 61.2#



#33
1,2-Dichloroethane-d4
Concen: 39.358 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012622.D
Acq: 15 Feb 2023 18:22

Tgt Ion: 65 Resp: 513
Ion Ratio Lower Upper
65 100
67 47.6 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012622.D

Acq: 15 Feb 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

BU-3-021523

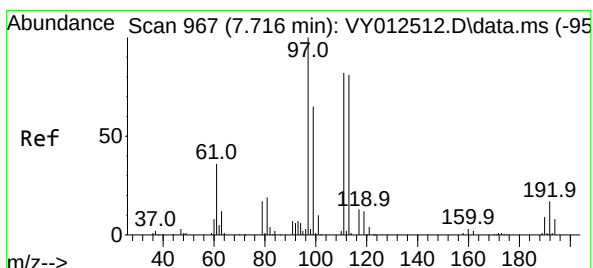
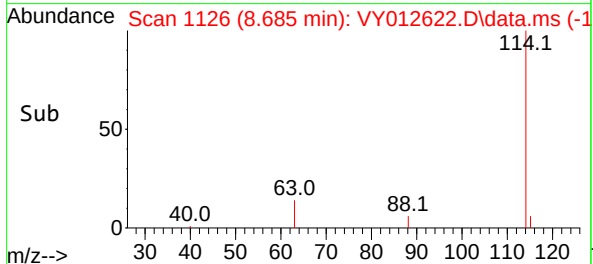
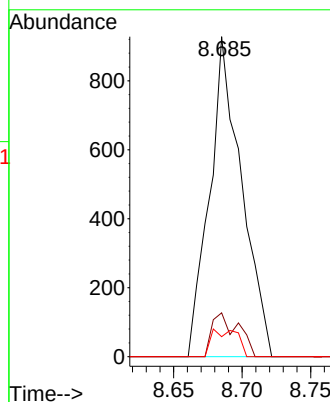
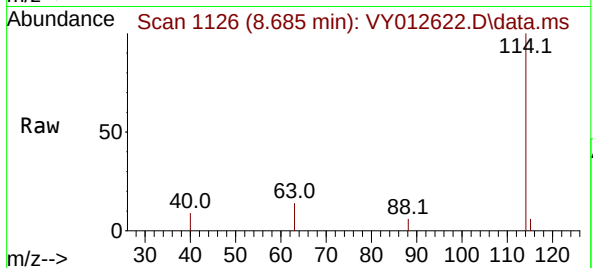
Tgt Ion:114 Resp: 1506

Ion Ratio Lower Upper

114 100

63 13.7 0.0 33.6

88 6.3 0.0 29.8



#35

Dibromofluoromethane

Concen: 11.853 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012622.D

Acq: 15 Feb 2023 18:22

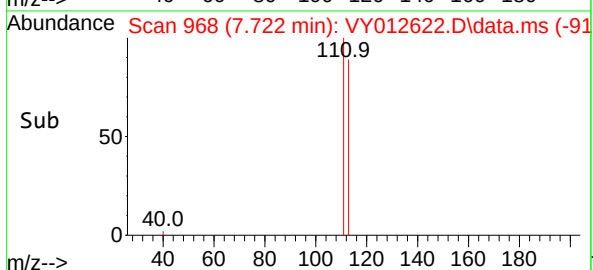
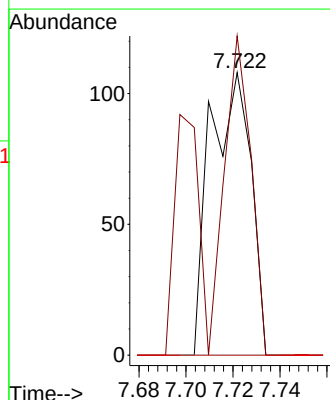
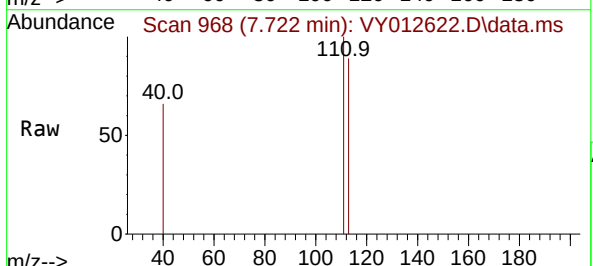
Tgt Ion:113 Resp: 130

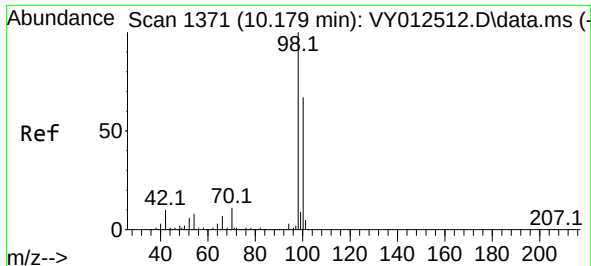
Ion Ratio Lower Upper

113 100

111 73.8 81.9 122.9#

192 0.0 17.5 26.3#

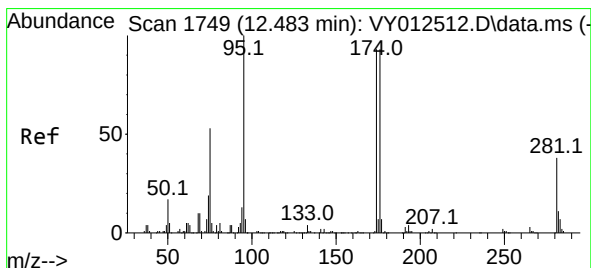
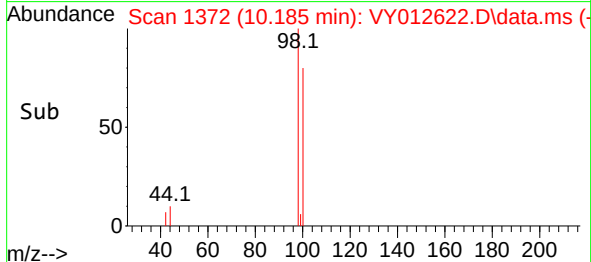
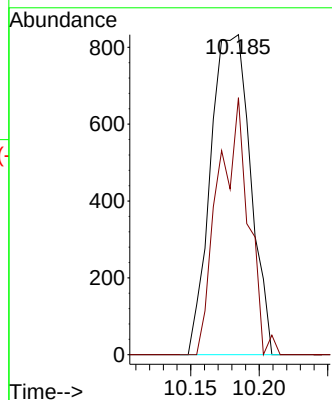
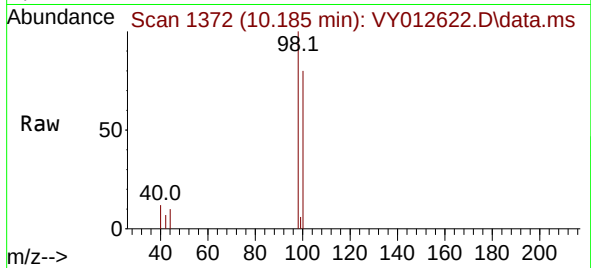




#50
Toluene-d8
Concen: 36.933 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012622.D
Acq: 15 Feb 2023 18:22

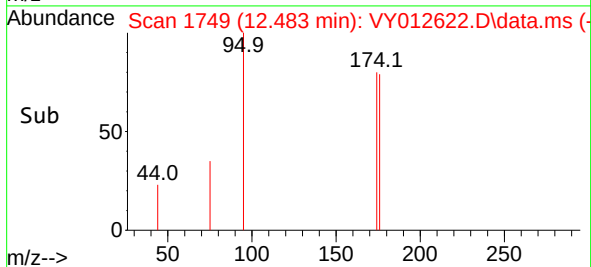
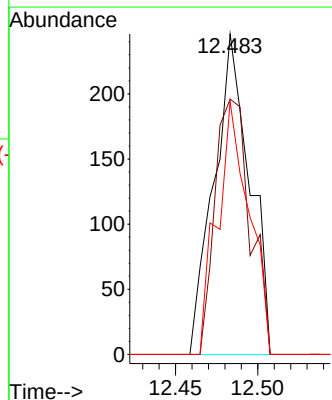
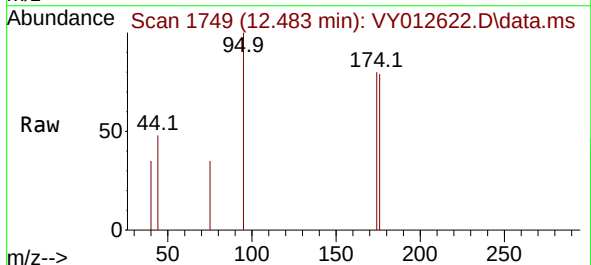
Instrument :
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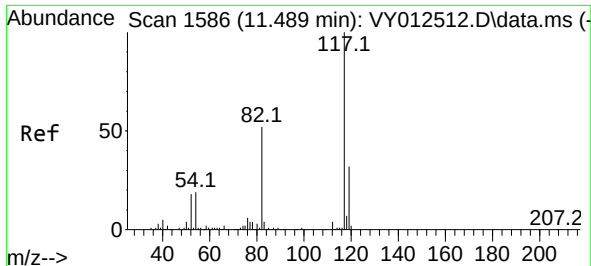
Tgt Ion: 98 Resp: 1686
Ion Ratio Lower Upper
98 100
100 61.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 23.300 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012622.D
Acq: 15 Feb 2023 18:22

Tgt Ion: 95 Resp: 371
Ion Ratio Lower Upper
95 100
174 78.7 0.0 188.0
176 70.9 0.0 183.6

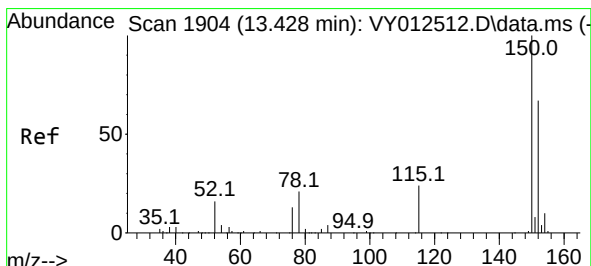
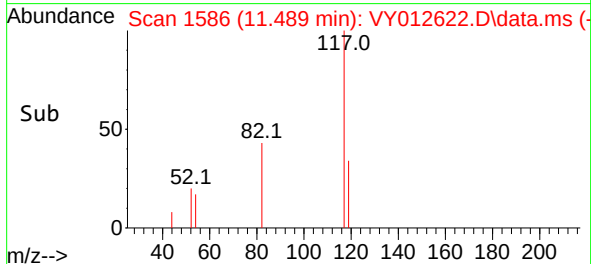
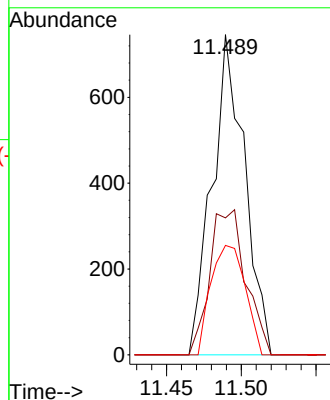
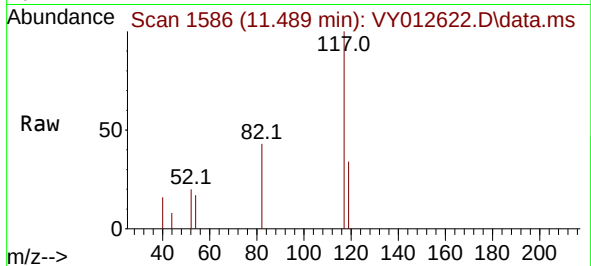




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012622.D
Acq: 15 Feb 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :
BU-3-021523

Tgt Ion:	117	Resp:	1129
Ion	Ratio	Lower	Upper
117	100		
82	42.8	41.7	62.5
119	34.2	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012622.D
Acq: 15 Feb 2023 18:22

Tgt Ion:	152	Resp:	243
Ion	Ratio	Lower	Upper
152	100		
115	59.7	28.1	84.3
150	174.5	0.0	351.0

