

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011358.D
 Acq On : 08 Nov 2022 13:44
 Operator : KP/MD
 Sample : N5479-02
 Misc : 6.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TUL-ROS-1104

Quant Time: Nov 08 14:06:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	7134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	14854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	16023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8379	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	6408	83.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	167.980%#
35) Dibromofluoromethane	7.716	113	3865	40.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.000%
50) Toluene-d8	10.179	98	18165	49.023	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.477	95	9128	70.959	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	141.920%

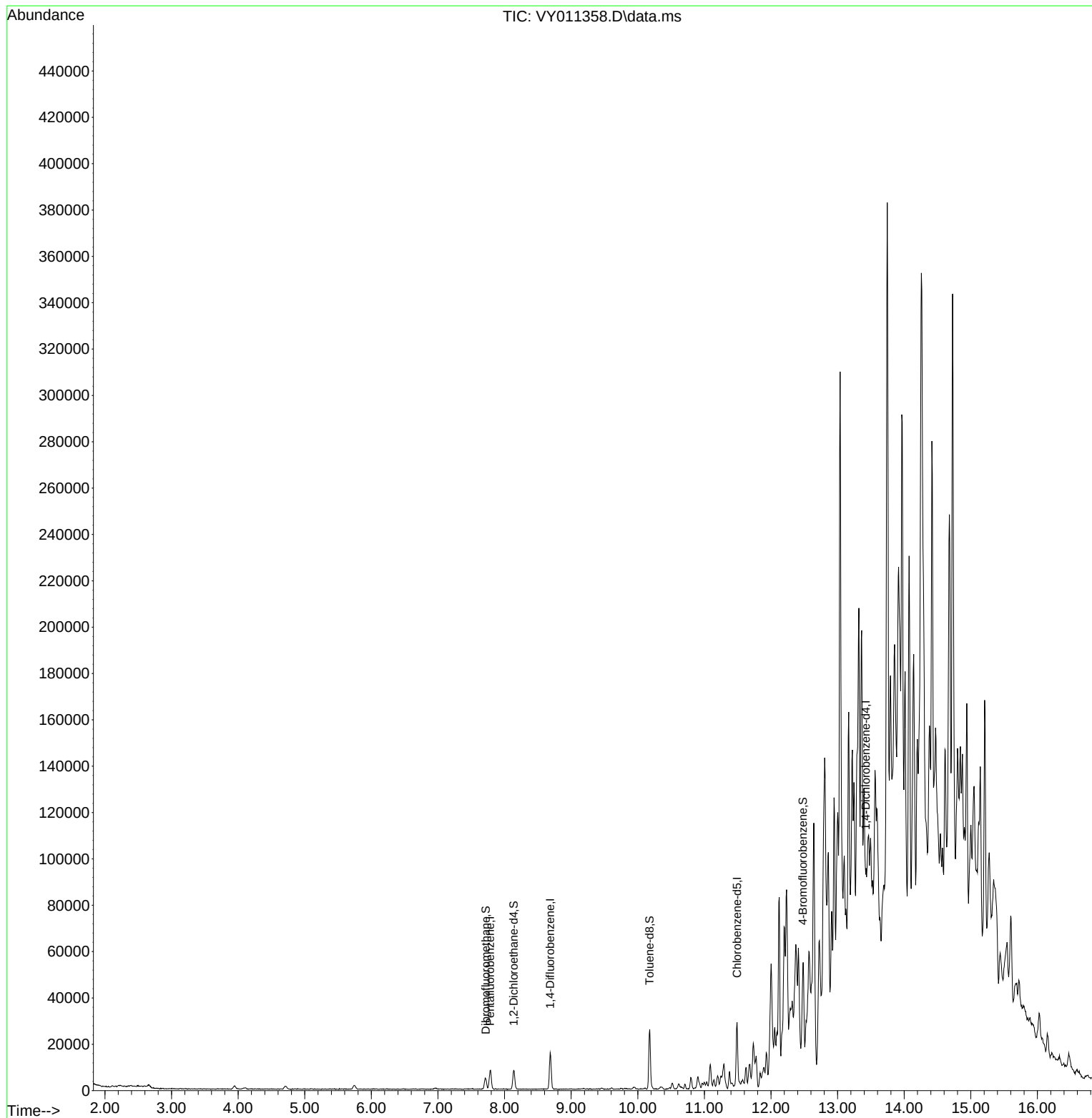
Target Compounds	Qvalue

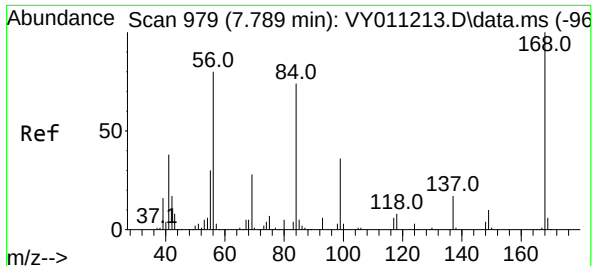
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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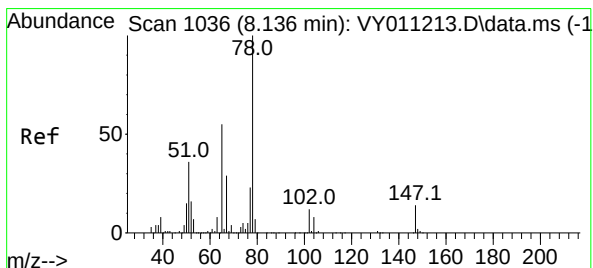
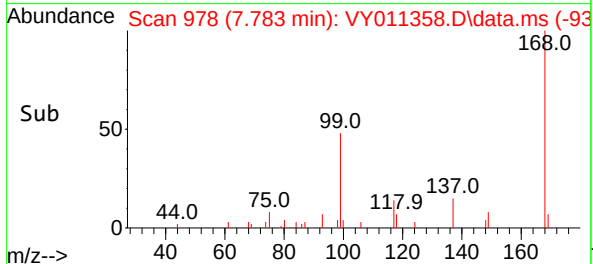
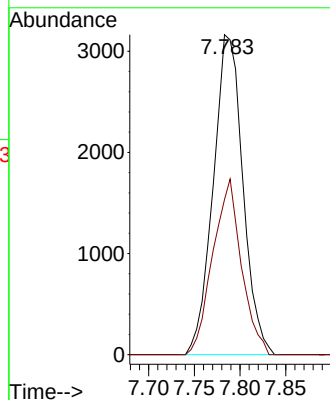
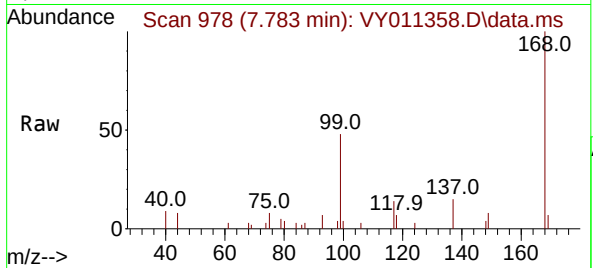




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011358.D
Acq: 08 Nov 2022 13:44

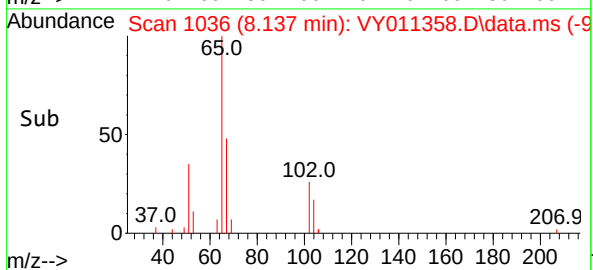
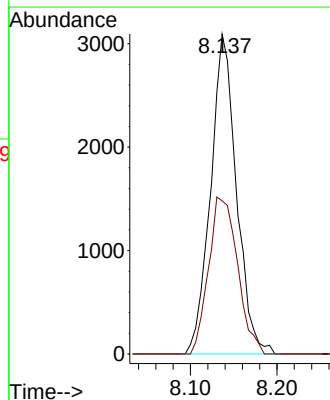
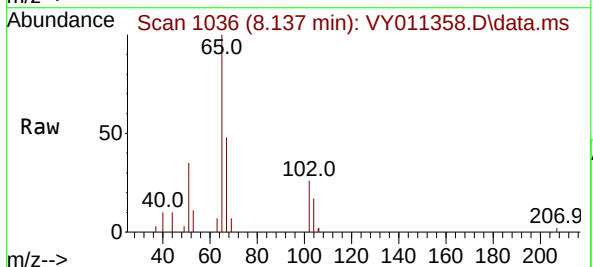
Instrument :
MSVOA_Y
ClientSampleId :
TUL-ROS-1104

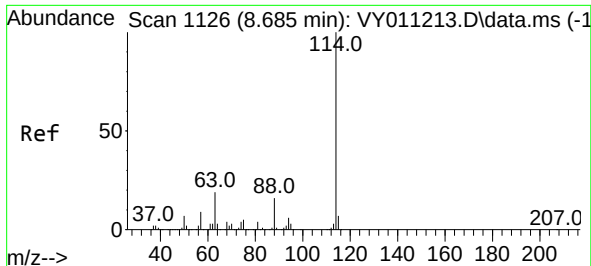
Tgt Ion:168 Resp: 7134
Ion Ratio Lower Upper
168 100
99 48.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 83.986 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011358.D
Acq: 08 Nov 2022 13:44

Tgt Ion: 65 Resp: 6408
Ion Ratio Lower Upper
65 100
67 54.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011358.D

Acq: 08 Nov 2022 13:44

Instrument :

MSVOA_Y

ClientSampleId :

TUL-ROS-1104

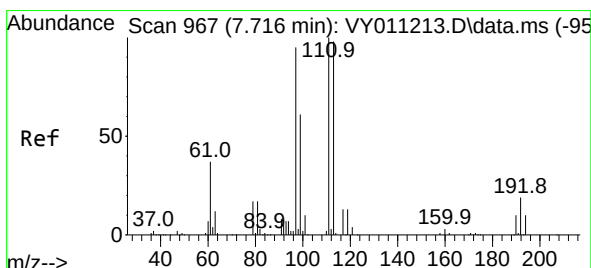
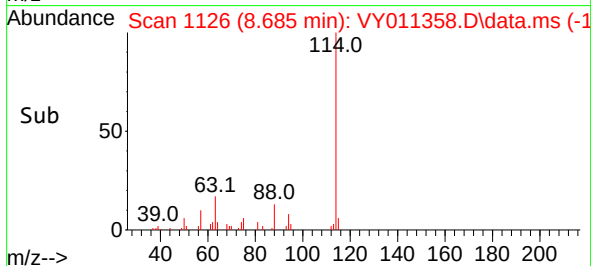
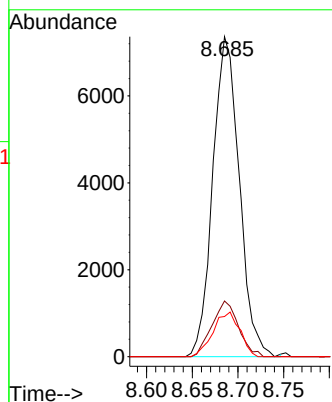
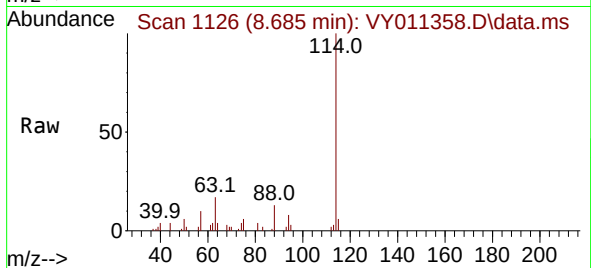
Tgt Ion:114 Resp: 14854

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 12.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.498 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011358.D

Acq: 08 Nov 2022 13:44

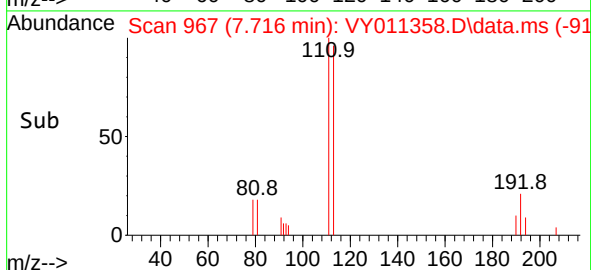
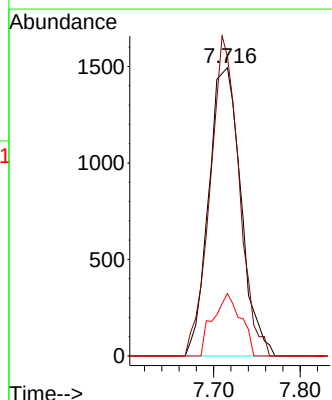
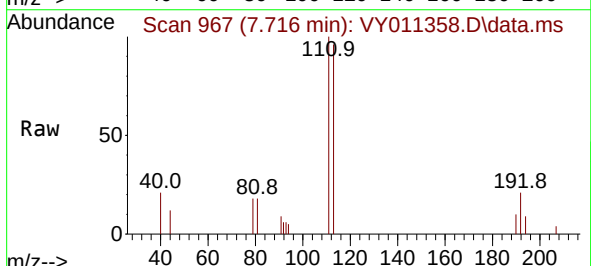
Tgt Ion:113 Resp: 3865

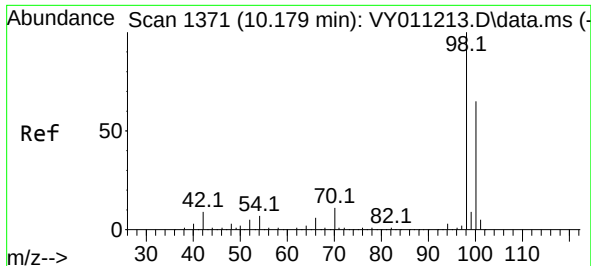
Ion Ratio Lower Upper

113 100

111 99.5 82.6 124.0

192 18.6 17.6 26.4

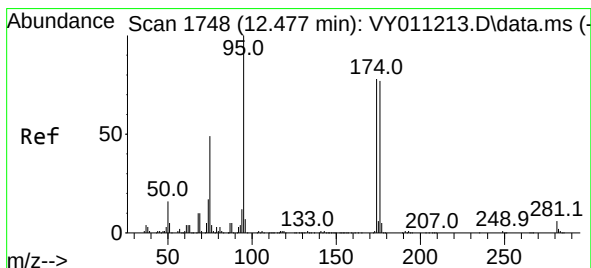
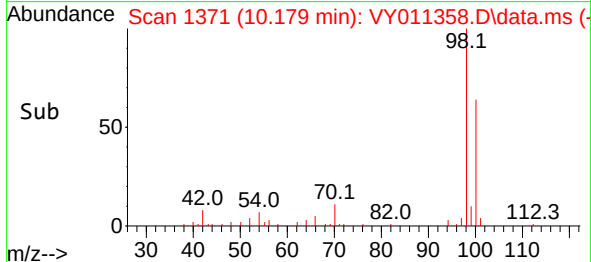
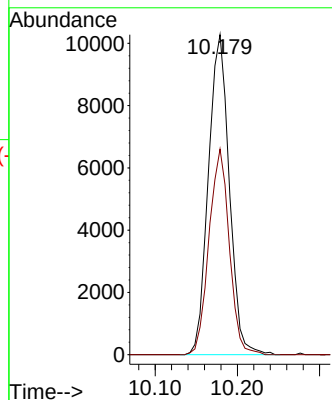
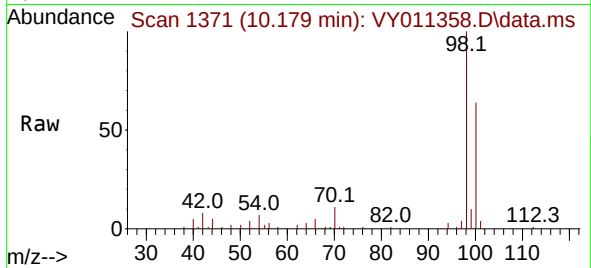




#50
Toluene-d8
Concen: 49.023 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011358.D
Acq: 08 Nov 2022 13:44

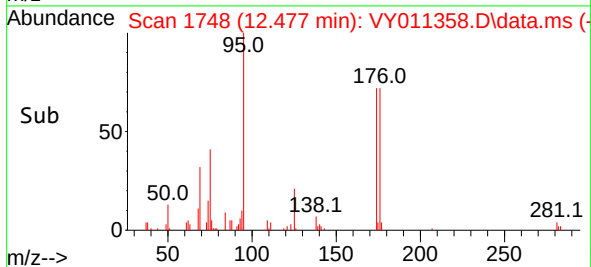
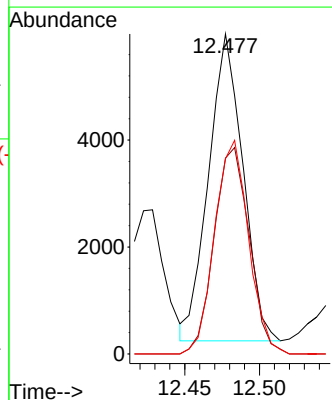
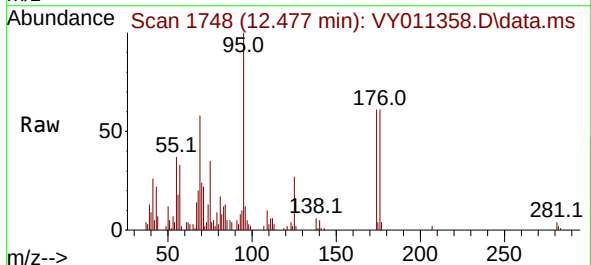
Instrument :
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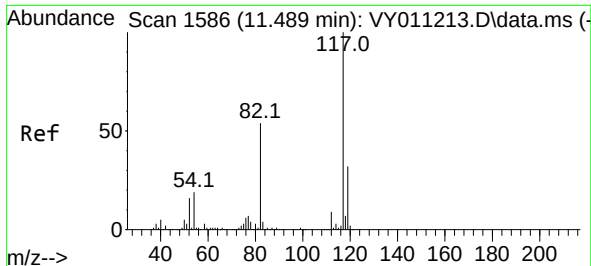
Tgt Ion: 98 Resp: 18165
Ion Ratio Lower Upper
98 100
100 62.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 70.959 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011358.D
Acq: 08 Nov 2022 13:44

Tgt Ion: 95 Resp: 9128
Ion Ratio Lower Upper
95 100
174 69.1 0.0 177.0
176 69.1 0.0 175.8

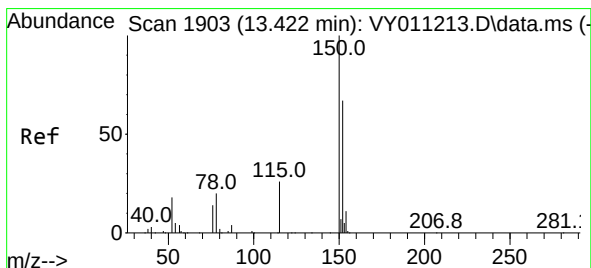
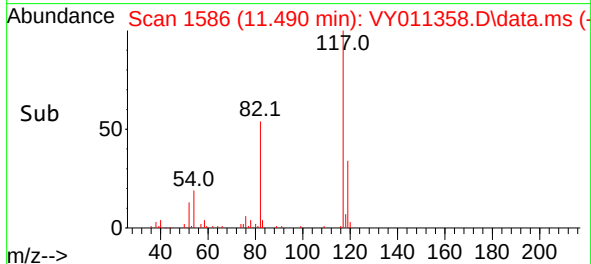
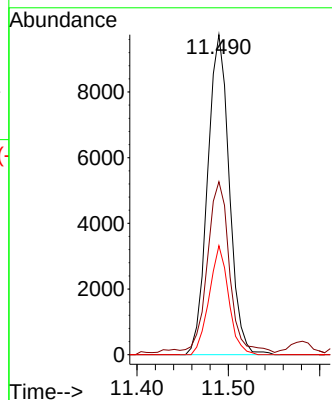
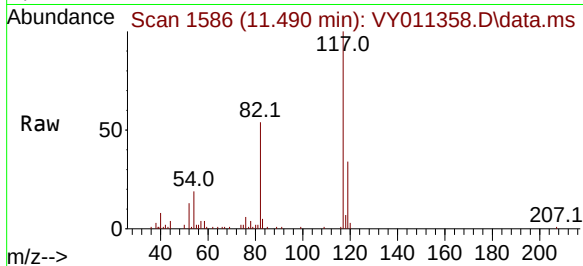




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011358.D
Acq: 08 Nov 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :
TUL-ROS-1104

Tgt Ion:	117	Resp:	16023
Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.0	64.4
119	34.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011358.D
Acq: 08 Nov 2022 13:44

Tgt Ion:	152	Resp:	8379
Ion	Ratio	Lower	Upper
152	100		
115	51.8	28.2	84.7
150	125.1	0.0	347.6

