

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012050.D
 Acq On : 03 Jan 2023 16:32
 Operator : KP/MD
 Sample : N6241-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-2-122922

Quant Time: Jan 04 01:19:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	21538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	34006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	28368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11298	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	11892	54.804	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.600%
35) Dibromofluoromethane	7.716	113	10801	52.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.520%
50) Toluene-d8	10.179	98	40113	48.293	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.483	95	10095	36.137	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.280%

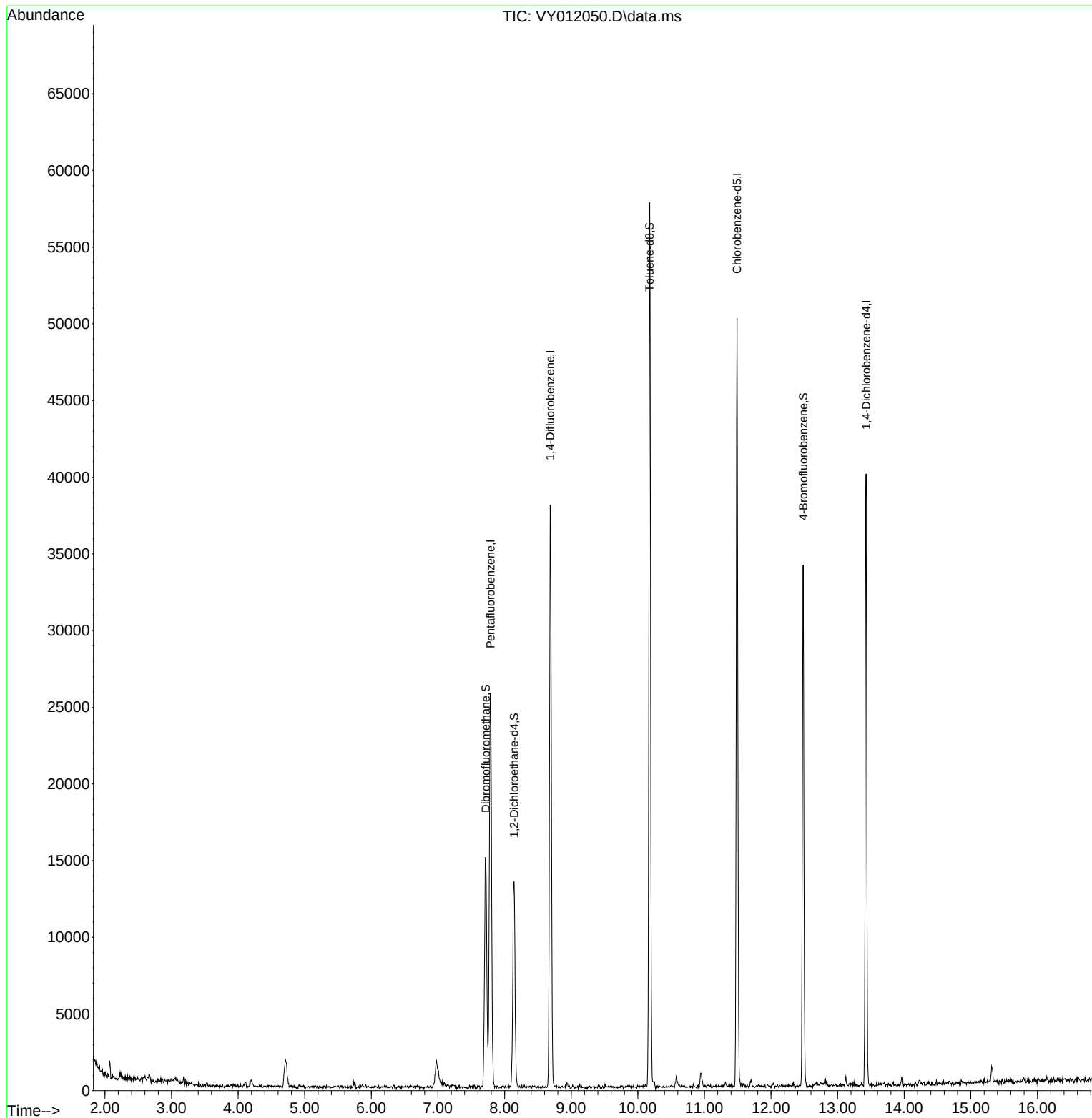
Target Compounds	Qvalue

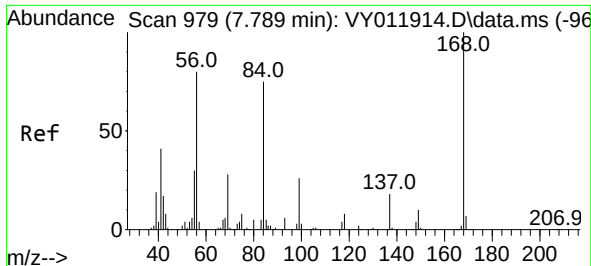
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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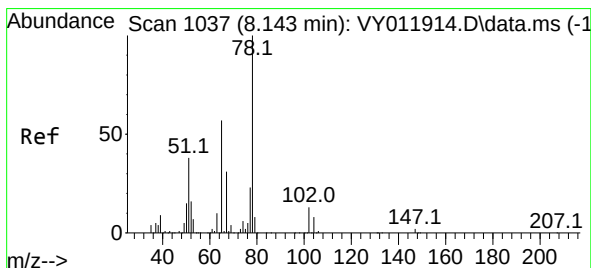
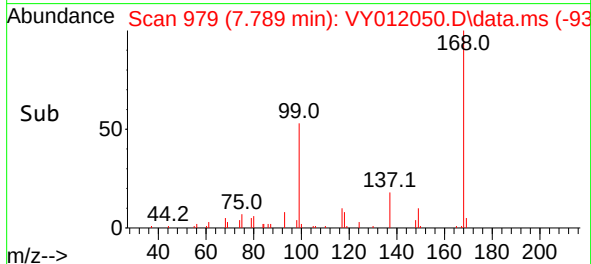
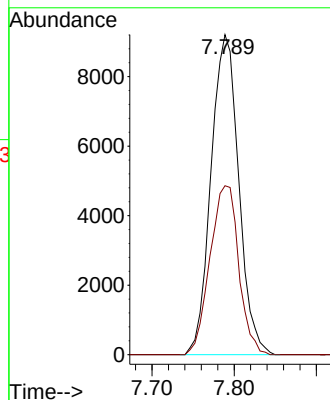
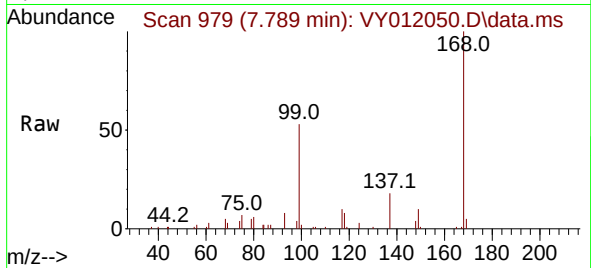




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

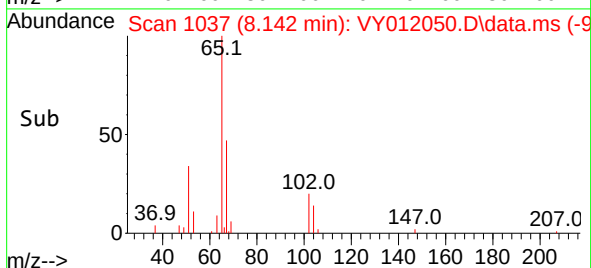
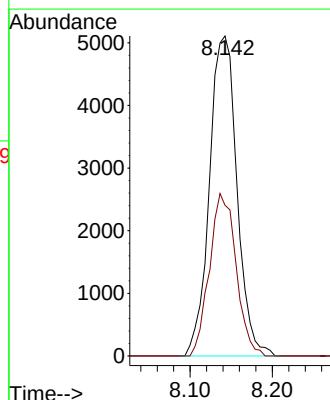
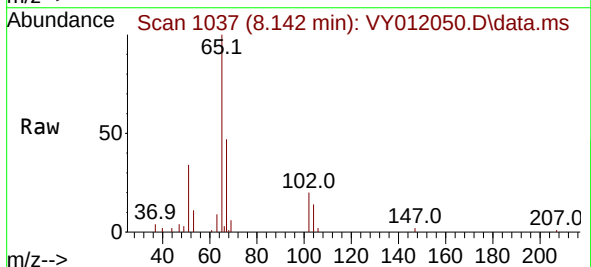
Instrument :
MSVOA_Y
ClientSampleId :
SU-2-122922

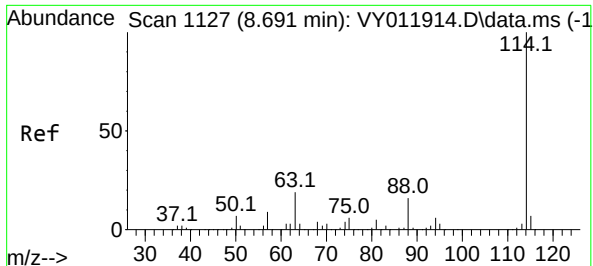
Tgt Ion:168 Resp: 21538
Ion Ratio Lower Upper
168 100
99 52.8 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 54.804 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

Tgt Ion: 65 Resp: 11892
Ion Ratio Lower Upper
65 100
67 49.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012050.D

Acq: 03 Jan 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

SU-2-122922

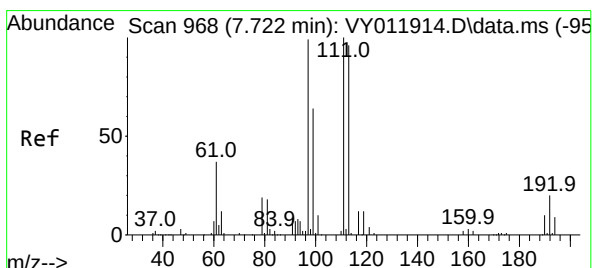
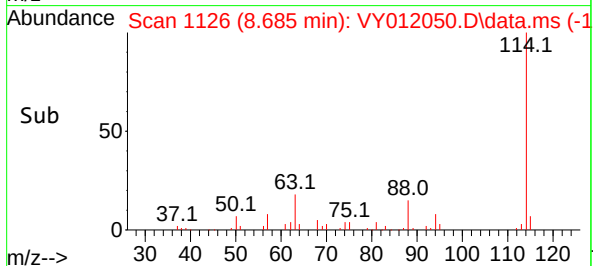
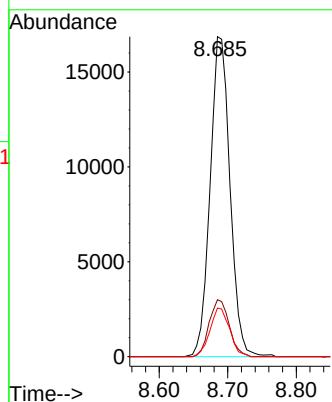
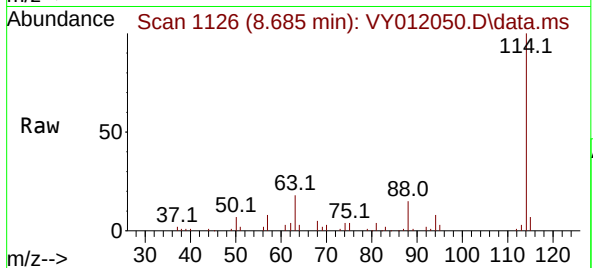
Tgt Ion:114 Resp: 34006

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.758 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012050.D

Acq: 03 Jan 2023 16:32

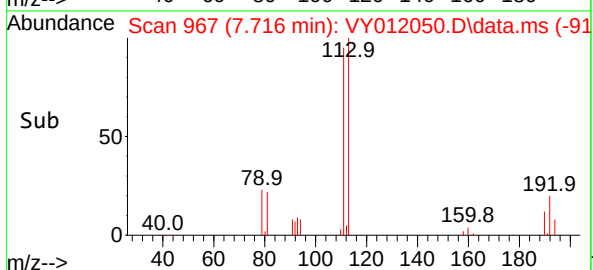
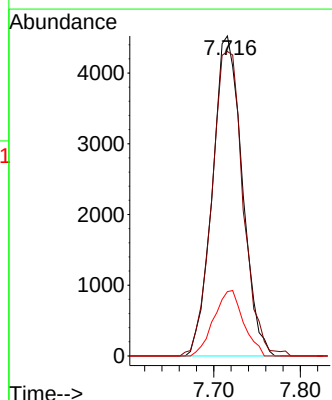
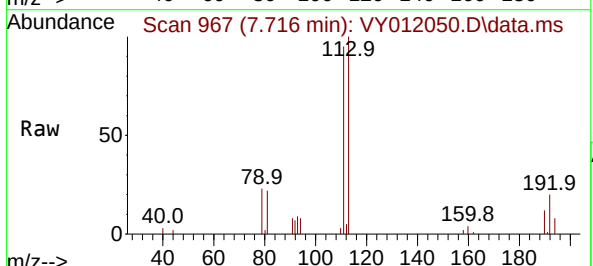
Tgt Ion:113 Resp: 10801

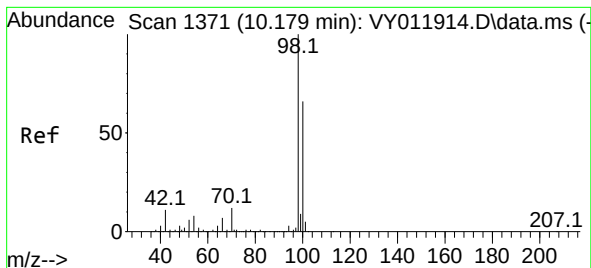
Ion Ratio Lower Upper

113 100

111 99.5 83.0 124.4

192 20.3 16.0 24.0

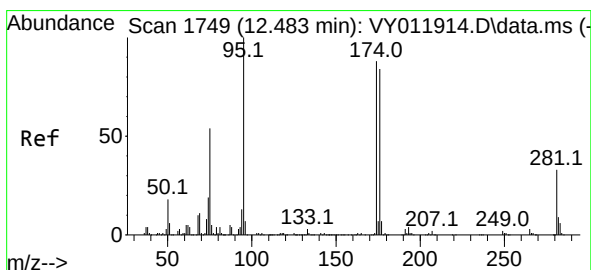
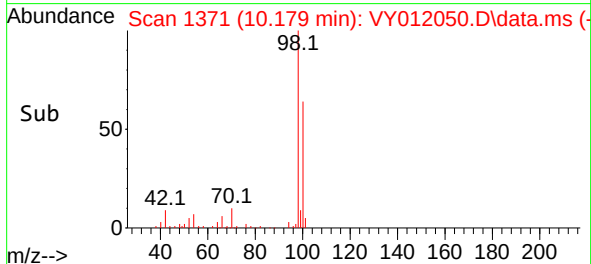
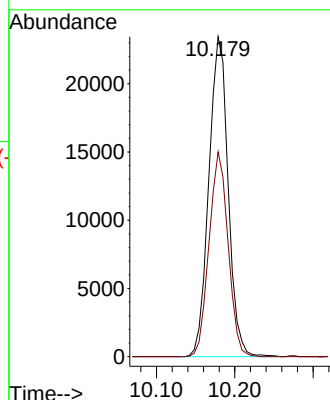
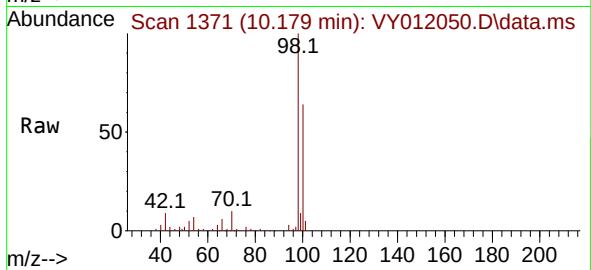




#50
Toluene-d8
Concen: 48.293 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

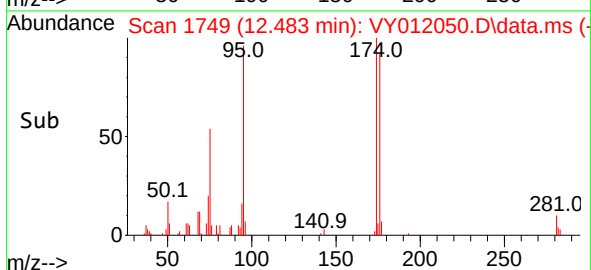
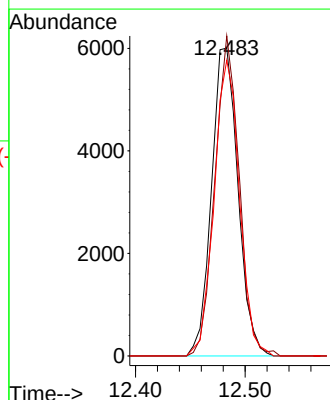
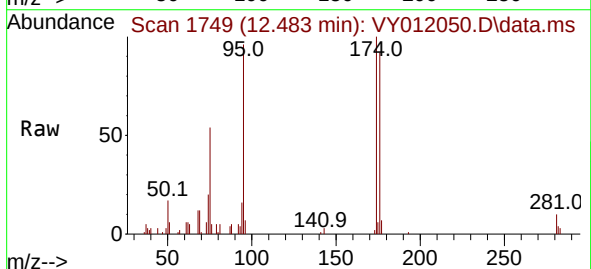
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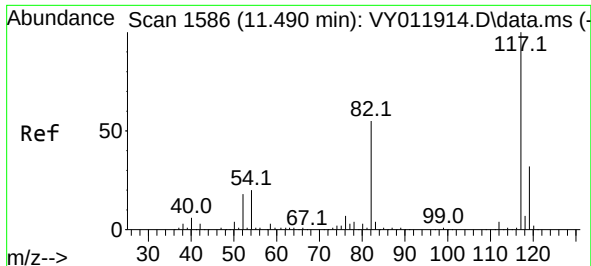
Tgt Ion: 98 Resp: 40113
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 36.137 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

Tgt Ion: 95 Resp: 10095
Ion Ratio Lower Upper
95 100
174 95.0 0.0 172.0
176 92.1 0.0 167.6

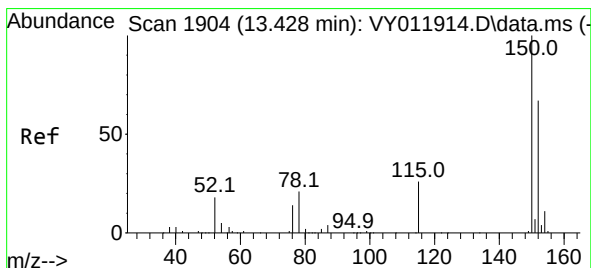
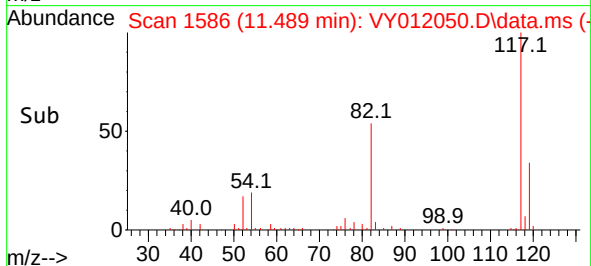
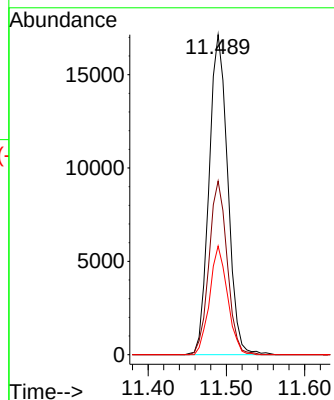
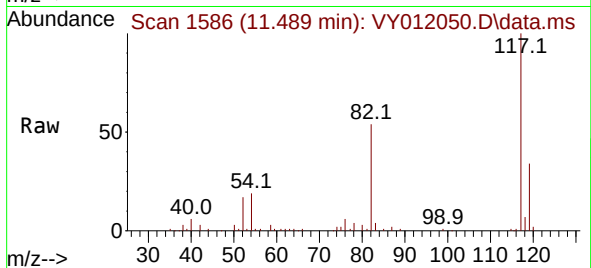




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

Instrument :
MSVOA_Y
ClientSampleId :
SU-2-122922

Tgt Ion:117 Resp: 28368
Ion Ratio Lower Upper
117 100
82 54.3 44.8 67.2
119 34.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012050.D
Acq: 03 Jan 2023 16:32

Tgt Ion:152 Resp: 11298
Ion Ratio Lower Upper
152 100
115 56.5 29.1 87.3
150 156.3 0.0 342.6

