

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011410.D
 Acq On : 11 Nov 2022 12:01
 Operator : KP/MD
 Sample : N5561-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-25

Quant Time: Nov 11 13:33:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	42466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	65175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	59966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	25271	71.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.040%
35) Dibromofluoromethane	7.710	113	23929	65.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.020%
50) Toluene-d8	10.179	98	77662	55.656	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.320%
62) 4-Bromofluorobenzene	12.483	95	22862	46.974	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.940%

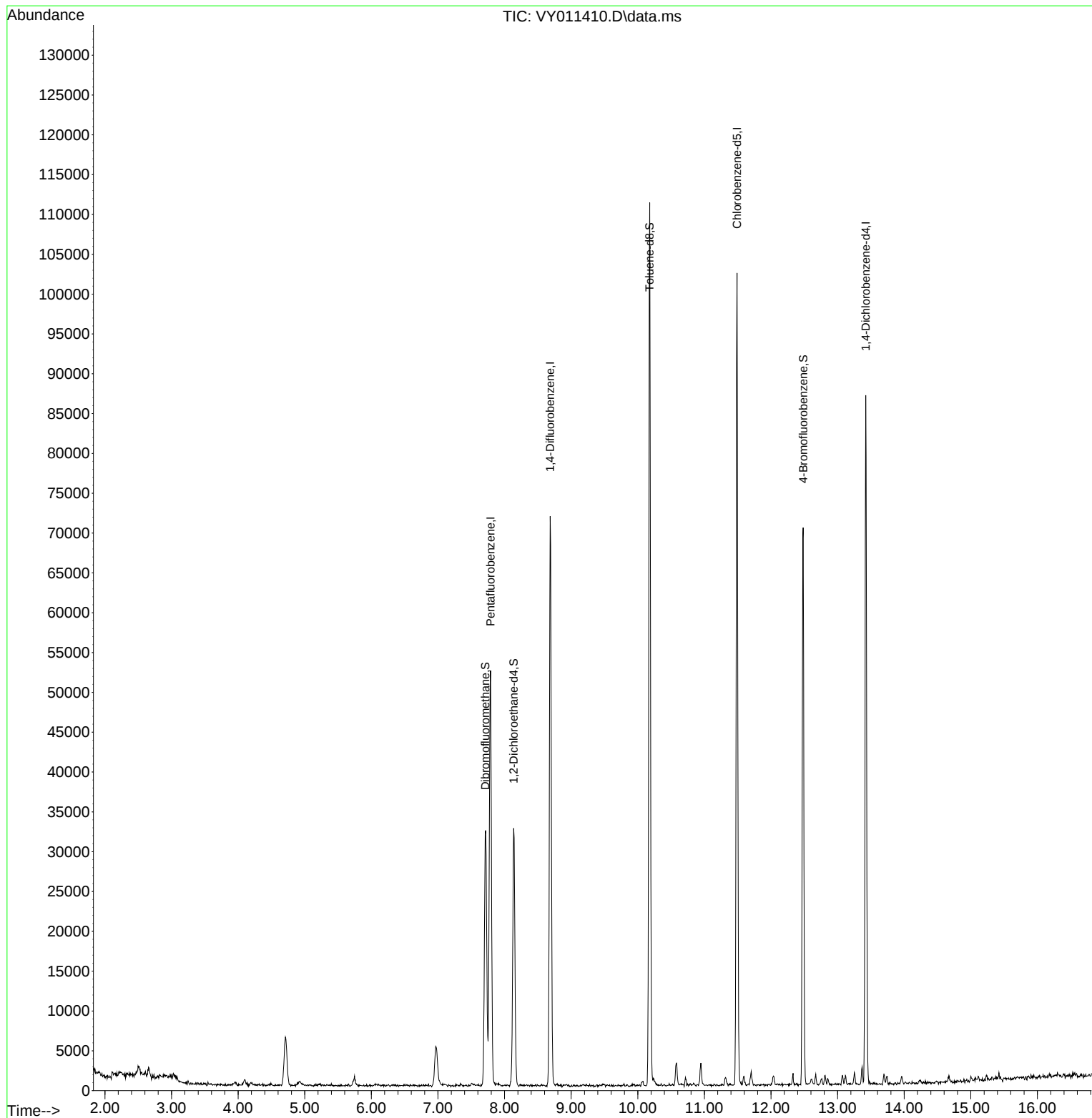
Target Compounds	Qvalue

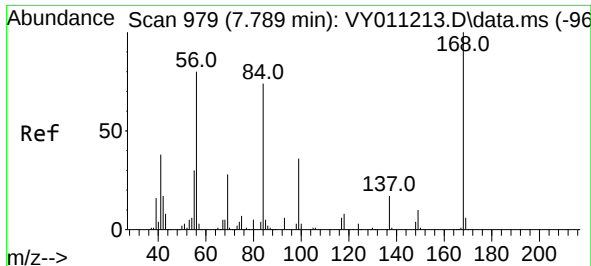
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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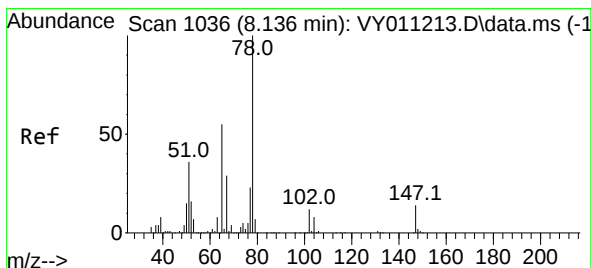
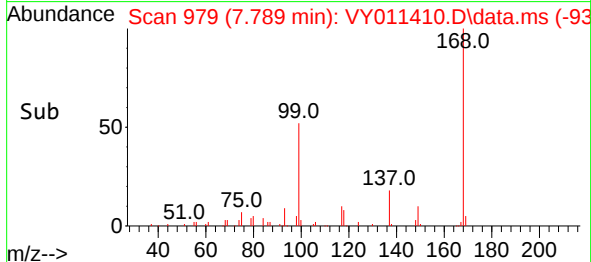
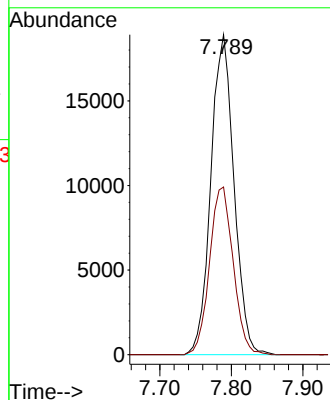
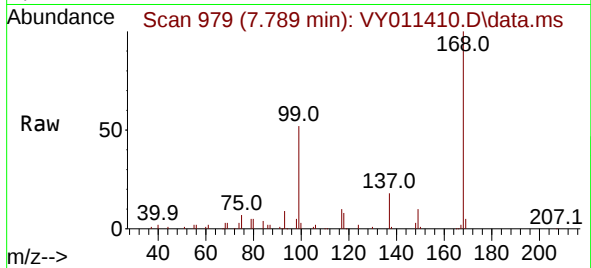




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

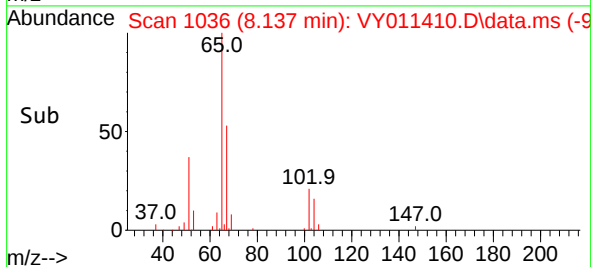
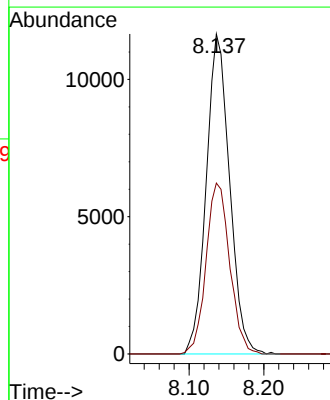
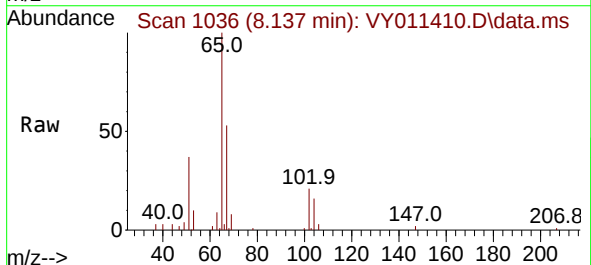
Instrument :
MSVOA_Y
ClientSampleId :
SB-25

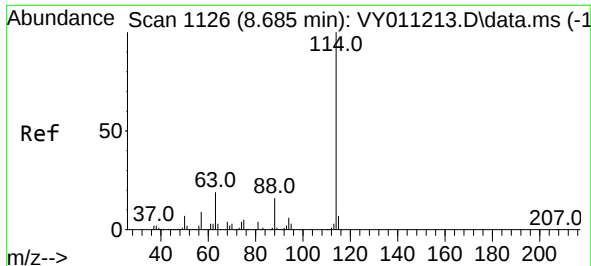
Tgt Ion:168 Resp: 42466
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 71.015 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

Tgt Ion: 65 Resp: 25271
Ion Ratio Lower Upper
65 100
67 54.1 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: VY011410.D

Acq: 11 Nov 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

SB-25

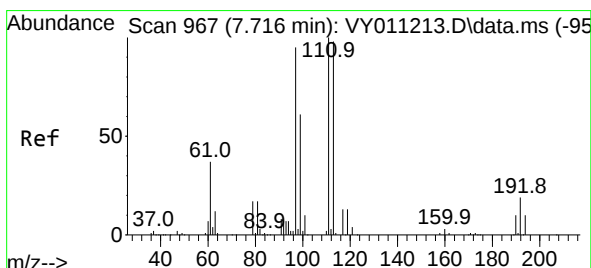
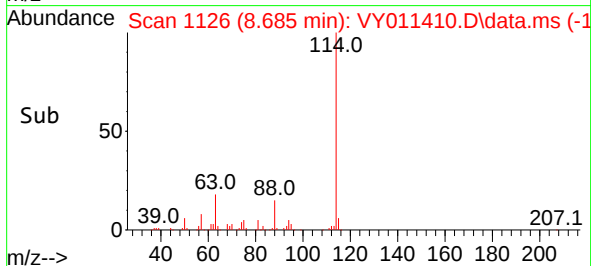
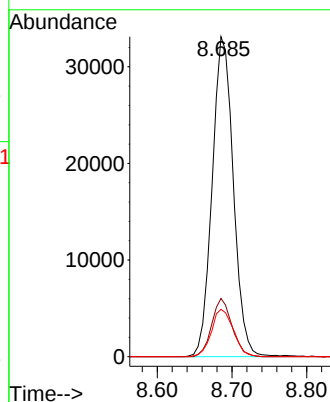
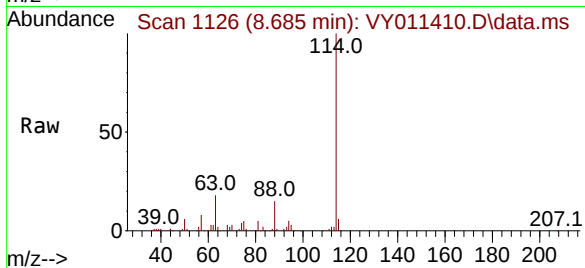
Tgt Ion:114 Resp: 65175

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 65.513 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011410.D

Acq: 11 Nov 2022 12:01

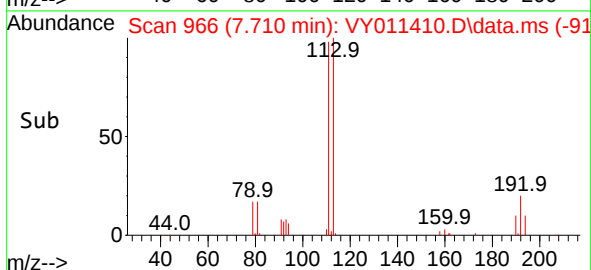
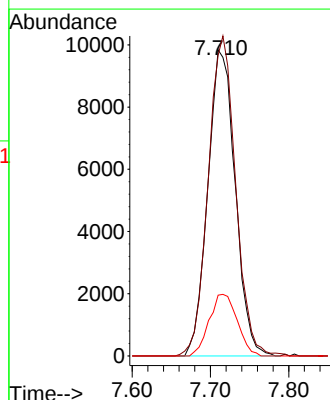
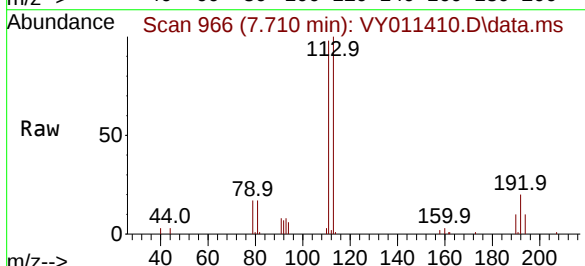
Tgt Ion:113 Resp: 23929

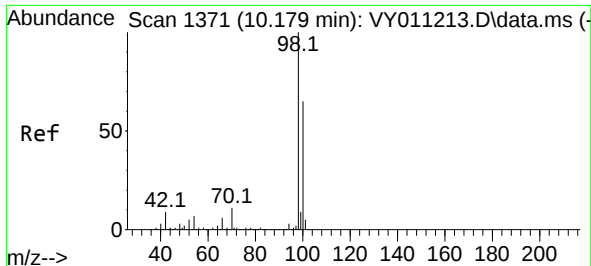
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 20.6 17.6 26.4

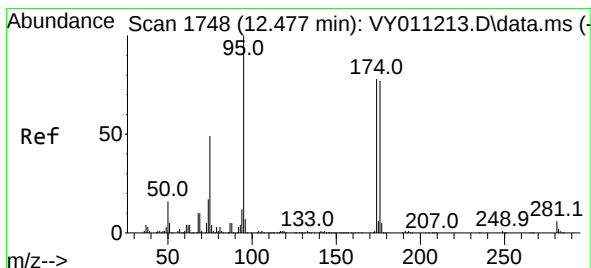
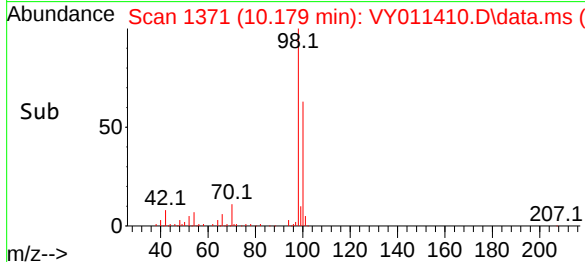
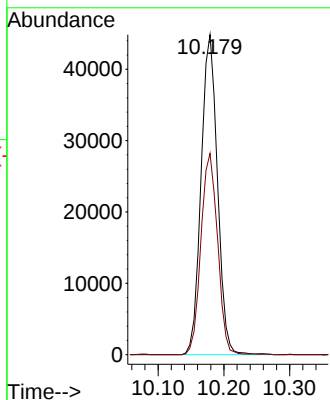
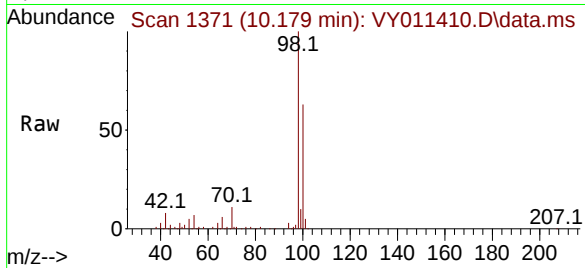




#50
Toluene-d8
Concen: 55.656 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

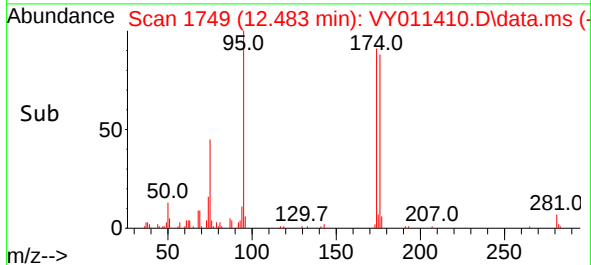
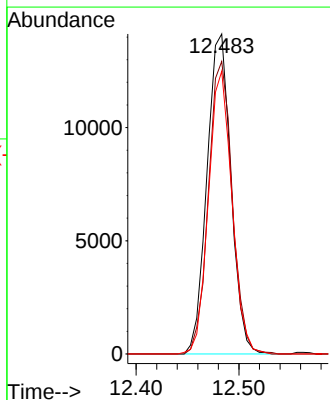
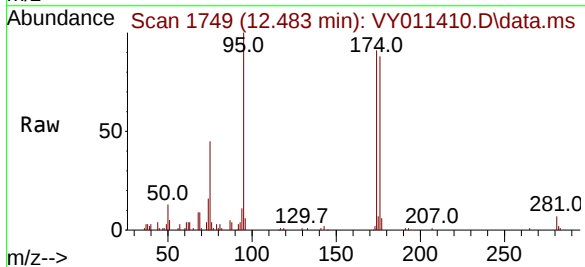
Instrument :
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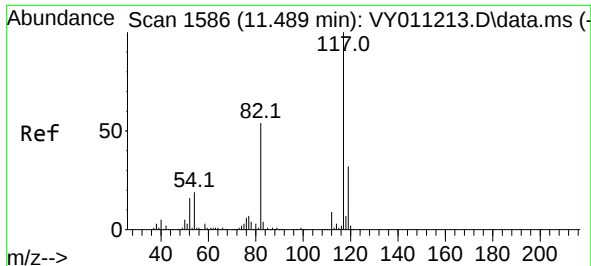
Tgt Ion: 98 Resp: 77662
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.974 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

Tgt Ion: 95 Resp: 22862
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 86.6 0.0 175.8

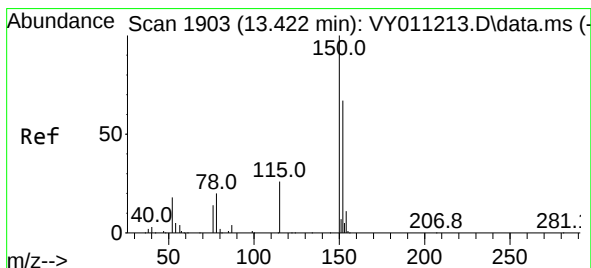
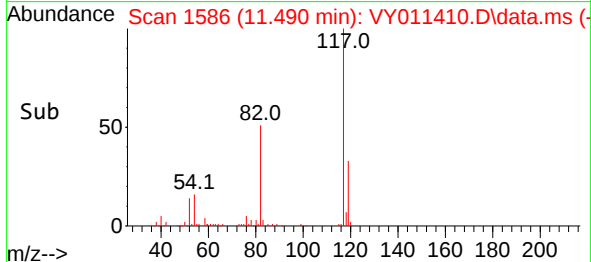
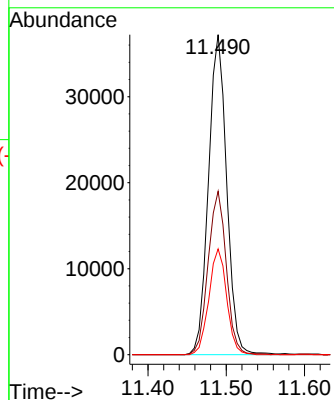
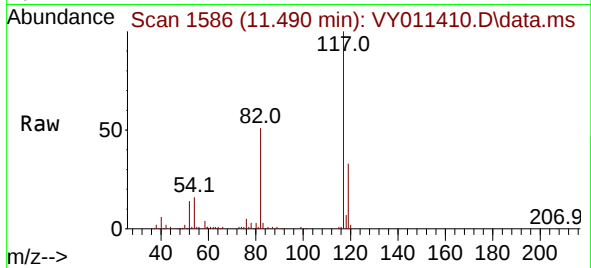




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011410.D
Acq: 11 Nov 2022 12:01

Instrument :
MSVOA_Y
ClientSampleId :
SB-25

Tgt Ion:117 Resp: 59966
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 33.1 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: VY011410.D
Acq: 11 Nov 2022 12:01

Tgt Ion:152 Resp: 24359
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 160.2 0.0 347.6

