

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010864.D
 Acq On : 07 Oct 2022 12:15
 Operator : KP/MD
 Sample : N5004-15RE
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DA-7-18RE

Quant Time: Oct 08 04:46:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	318290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	557426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	417768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	157316	48.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.520%
35) Dibromofluoromethane	7.710	113	169249	45.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.480%
50) Toluene-d8	10.179	98	472300	37.323	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	74.640%
62) 4-Bromofluorobenzene	12.483	95	141058	26.827	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	53.660%

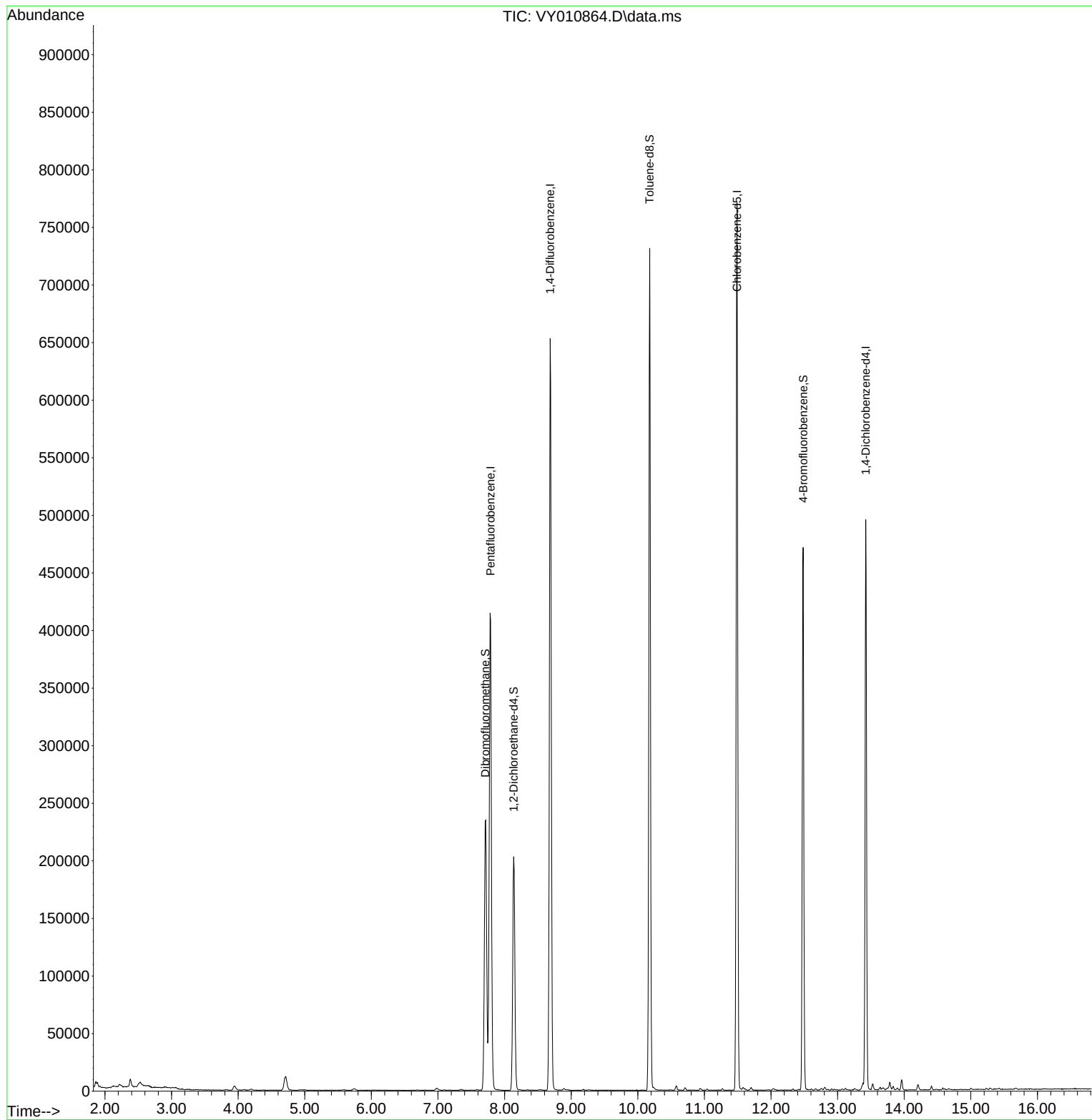
Target Compounds	Qvalue

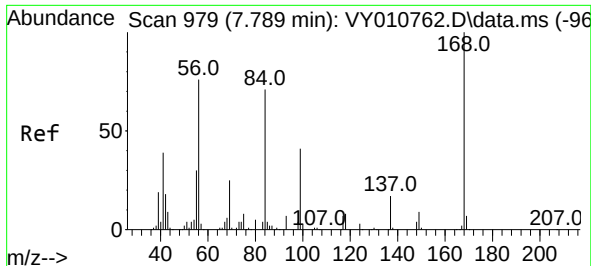
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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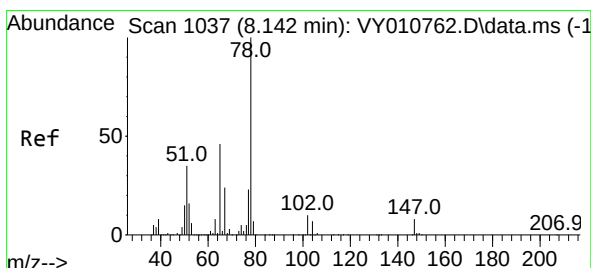
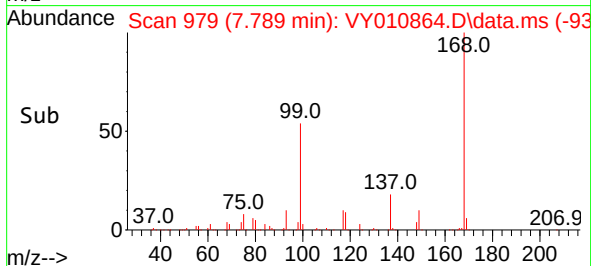
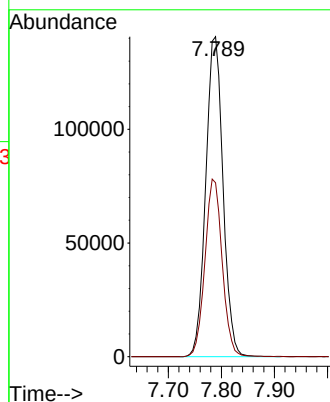
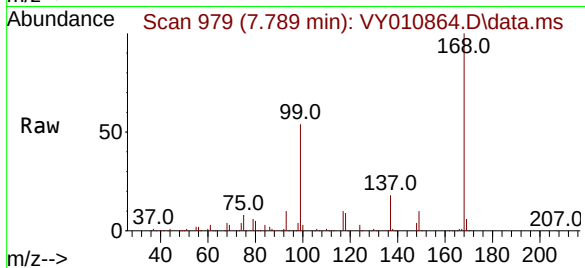




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010864.D
Acq: 07 Oct 2022 12:15

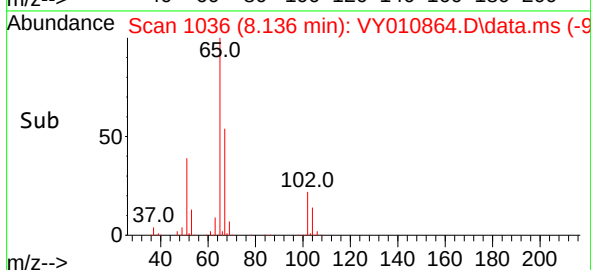
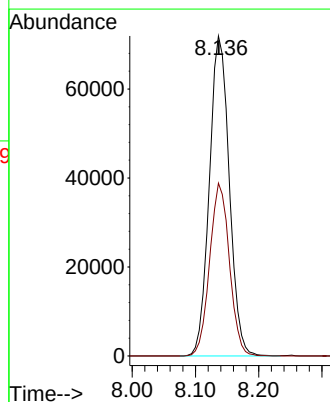
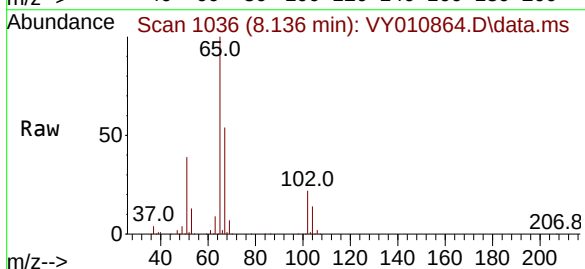
Instrument :
MSVOA_Y
ClientSampleId :
DA-7-18RE

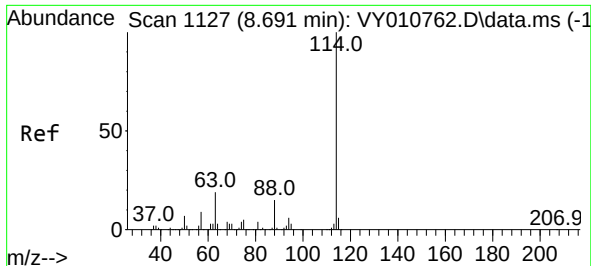
Tgt Ion:168 Resp: 318290
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.761 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010864.D
Acq: 07 Oct 2022 12:15

Tgt Ion: 65 Resp: 157316
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010864.D

Acq: 07 Oct 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

DA-7-18RE

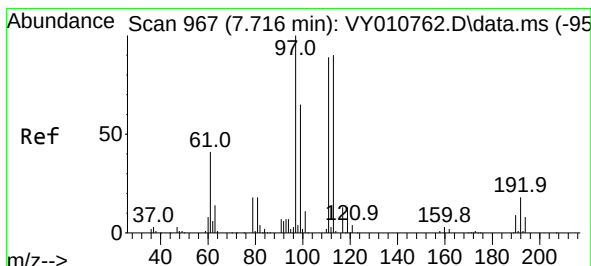
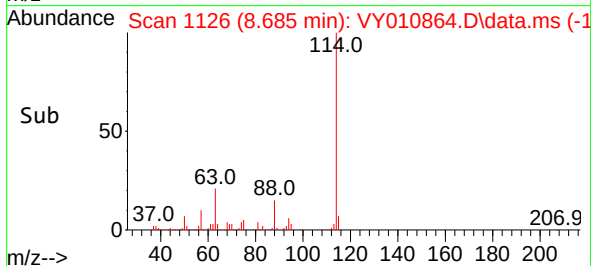
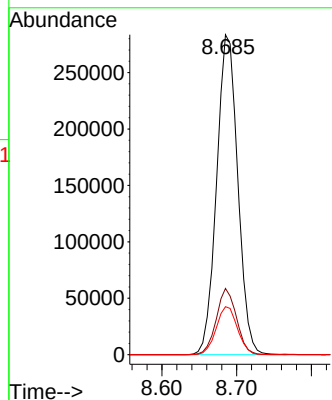
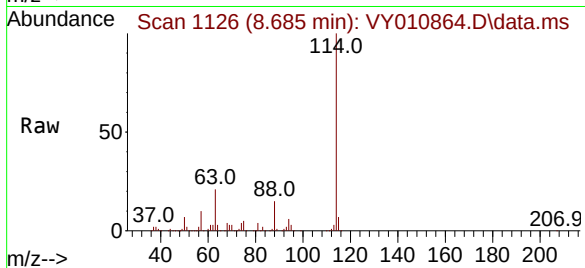
Tgt Ion:114 Resp: 557426

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.740 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY010864.D

Acq: 07 Oct 2022 12:15

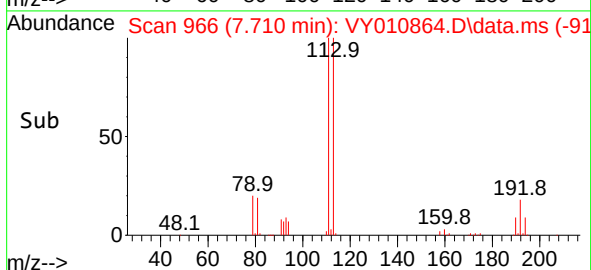
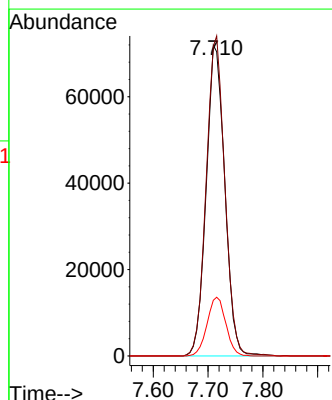
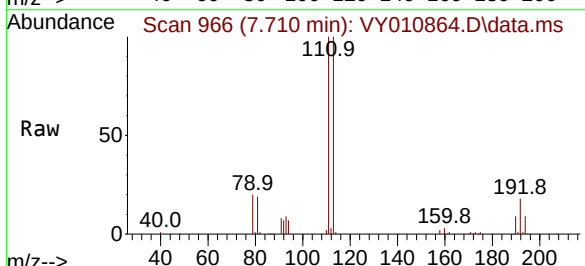
Tgt Ion:113 Resp: 169249

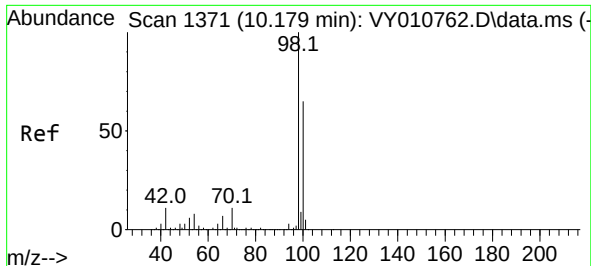
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.0 17.6 26.4

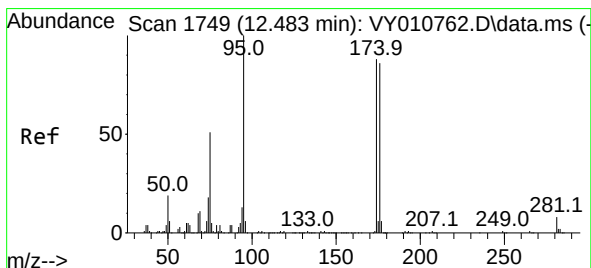
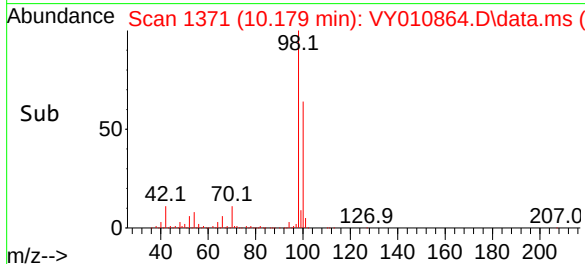
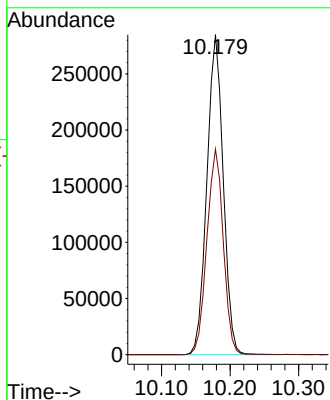
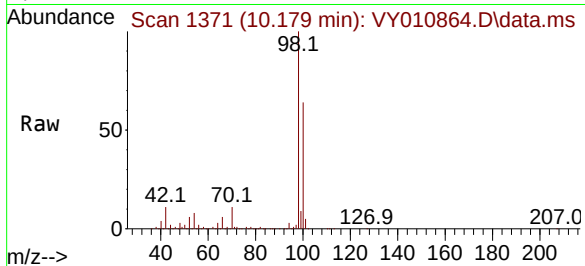




#50
Toluene-d8
Concen: 37.323 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010864.D
Acq: 07 Oct 2022 12:15

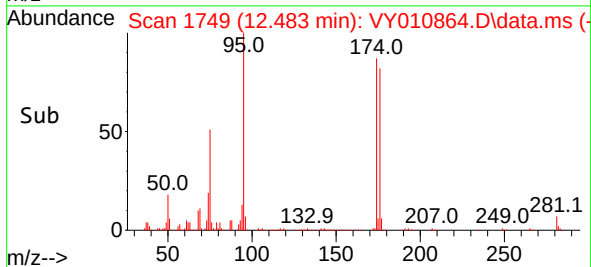
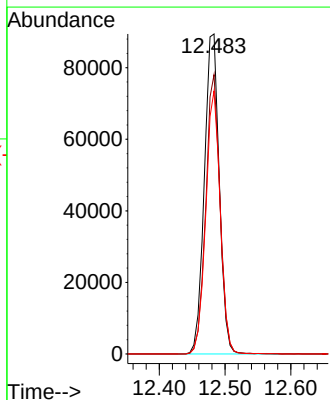
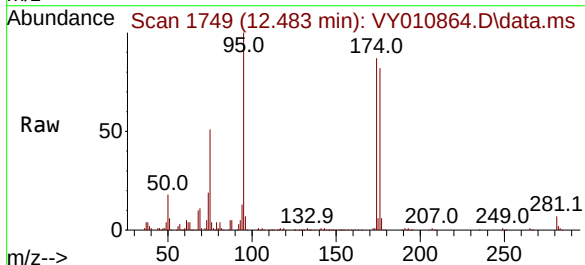
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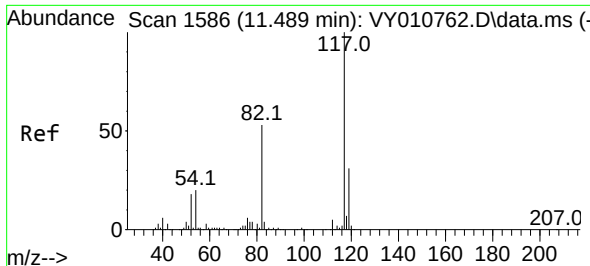
Tgt Ion: 98 Resp: 472300
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 26.827 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010864.D
Acq: 07 Oct 2022 12:15

Tgt Ion: 95 Resp: 141058
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 79.6 0.0 175.8

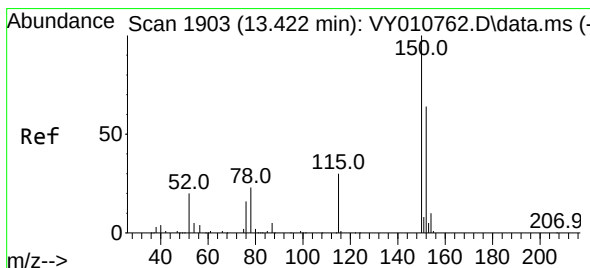
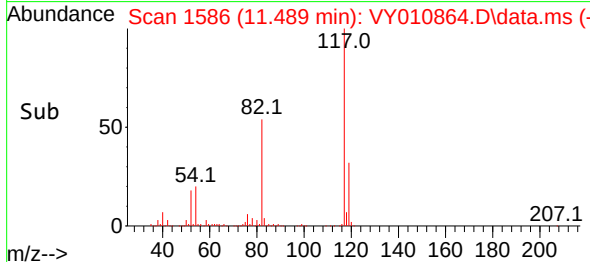
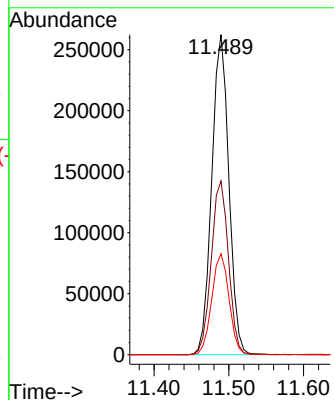
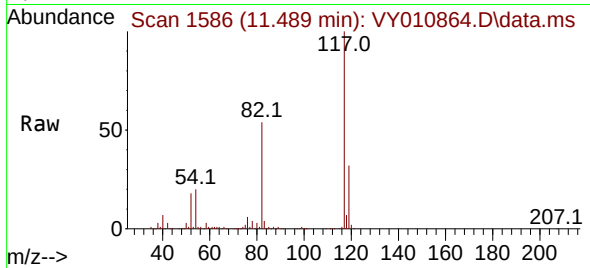




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010864.D
Acq: 07 Oct 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
DA-7-18RE

Tgt Ion:117 Resp: 417768
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.6 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: VY010864.D
Acq: 07 Oct 2022 12:15

Tgt Ion:152 Resp: 125645
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 154.9 0.0 347.6

