

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011576.D
 Acq On : 23 Nov 2022 15:34
 Operator : KP/MD
 Sample : N5766-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CR-4

Quant Time: Nov 24 00:38:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	25134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	41024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	38874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14589	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	19565	76.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.320%
35) Dibromofluoromethane	7.716	113	15828	62.675	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.340%
50) Toluene-d8	10.179	98	49173	53.582	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.160%
62) 4-Bromofluorobenzene	12.483	95	14177	41.782	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.560%

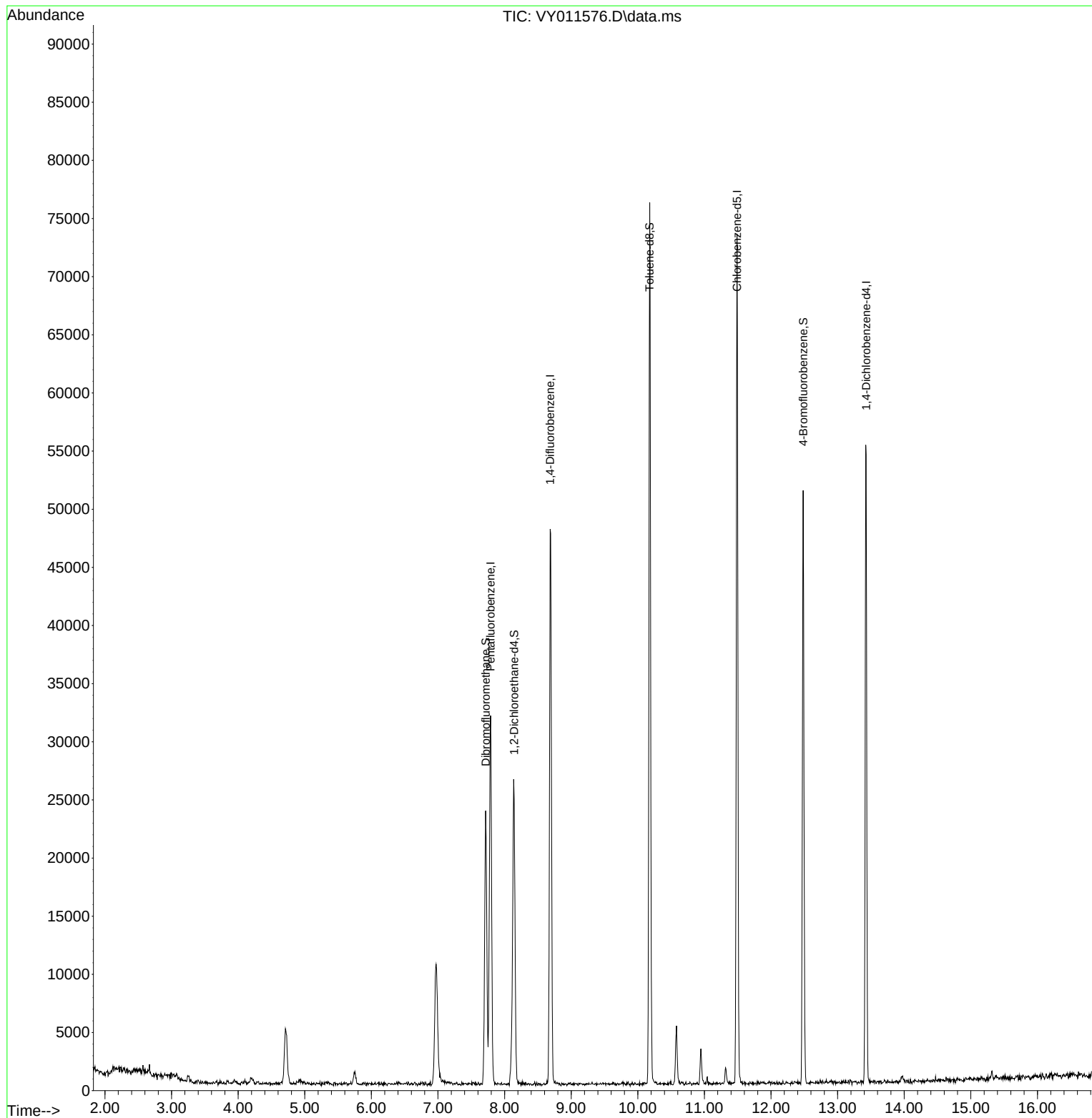
Target Compounds	Qvalue

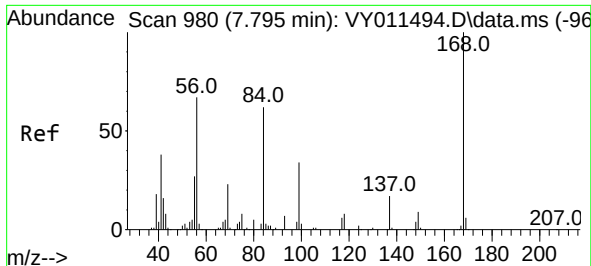
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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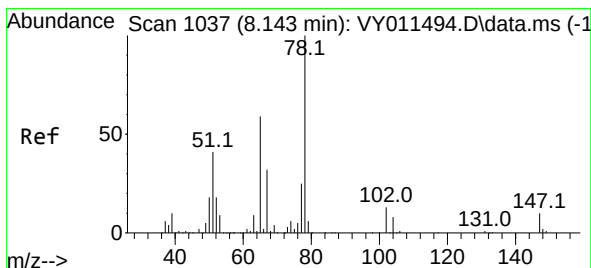
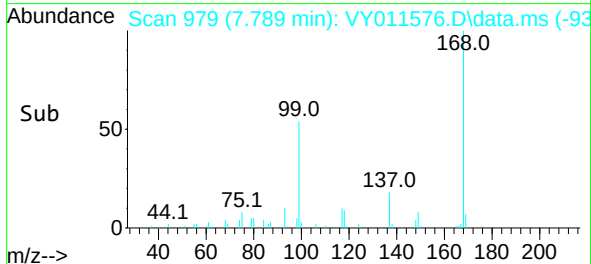
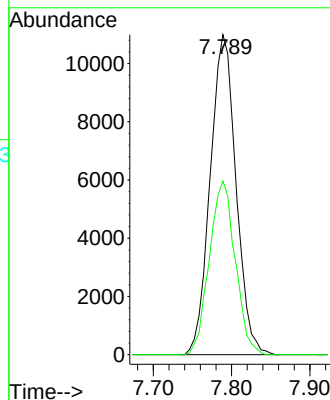
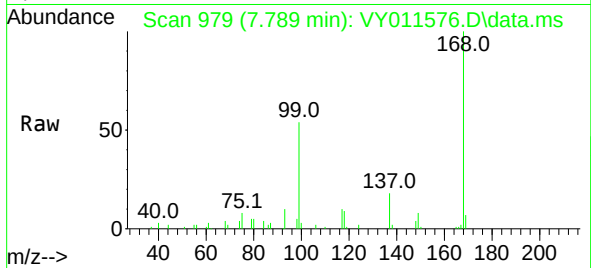




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011576.D
Acq: 23 Nov 2022 15:34

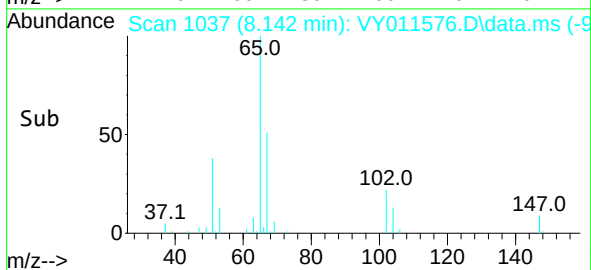
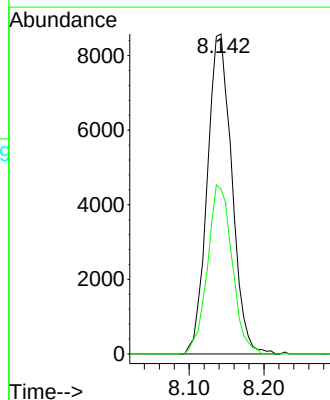
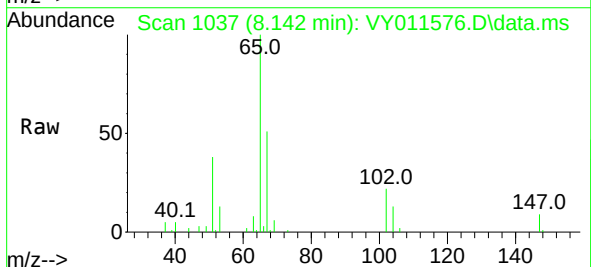
Instrument :
MSVOA_Y
ClientSampleId :
CR-4

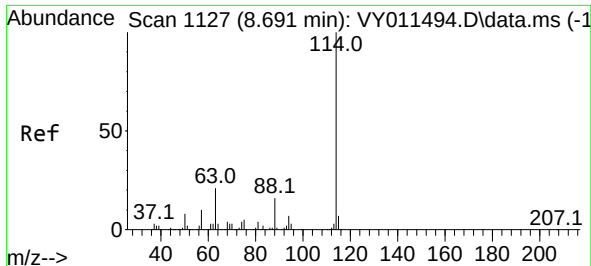
Tgt Ion:168 Resp: 25134
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 76.662 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011576.D
Acq: 23 Nov 2022 15:34

Tgt Ion: 65 Resp: 19565
Ion Ratio Lower Upper
65 100
67 53.0 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: VY011576.D

Acq: 23 Nov 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

CR-4

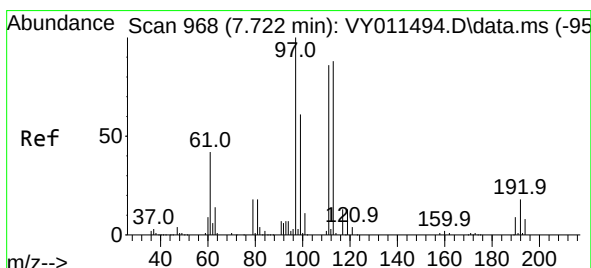
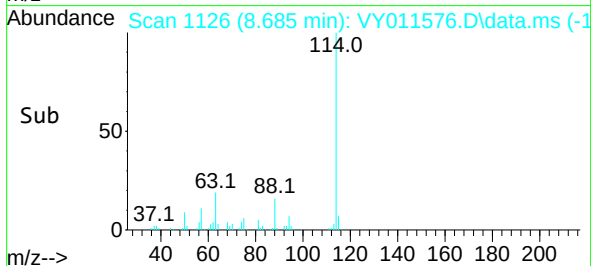
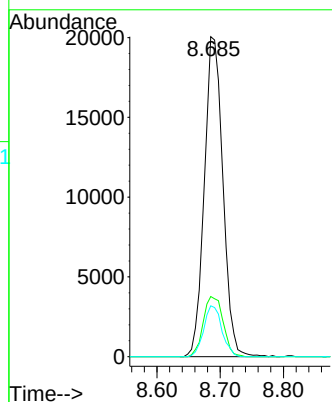
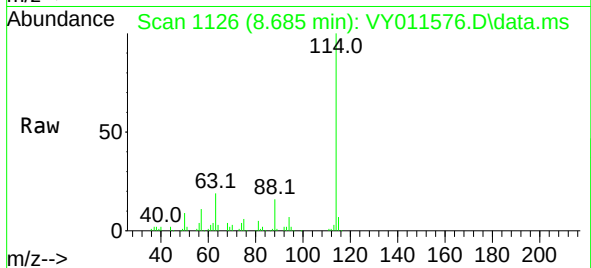
Tgt Ion:114 Resp: 41024

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 62.675 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011576.D

Acq: 23 Nov 2022 15:34

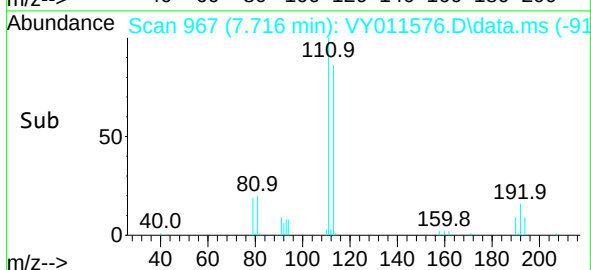
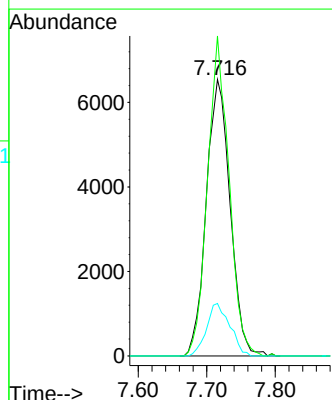
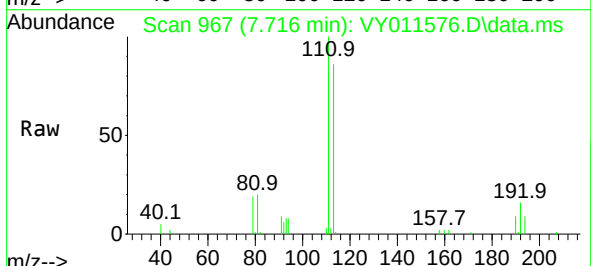
Tgt Ion:113 Resp: 15828

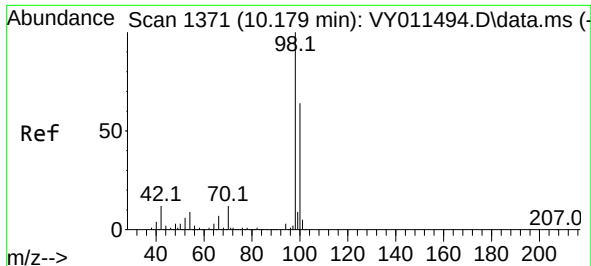
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 18.5 17.6 26.4

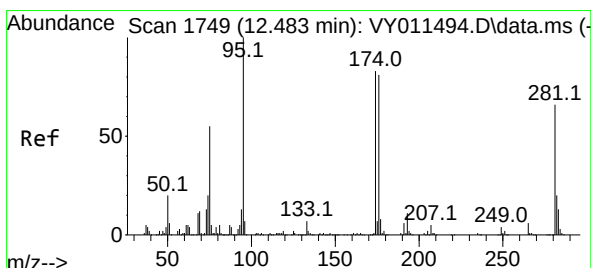
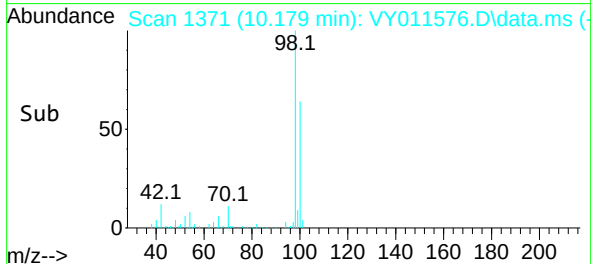
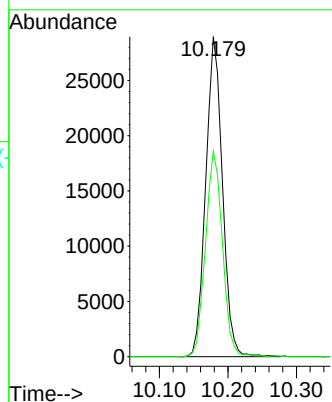
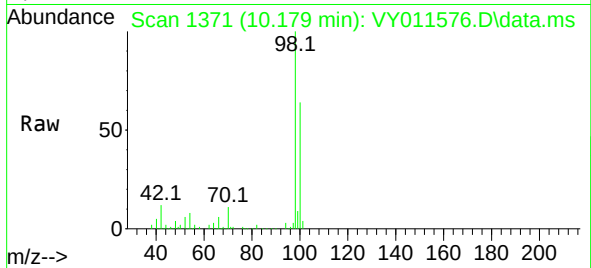




#50
Toluene-d8
Concen: 53.582 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011576.D
Acq: 23 Nov 2022 15:34

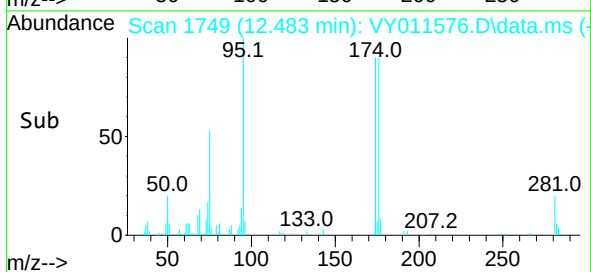
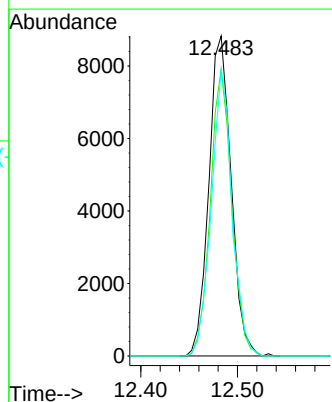
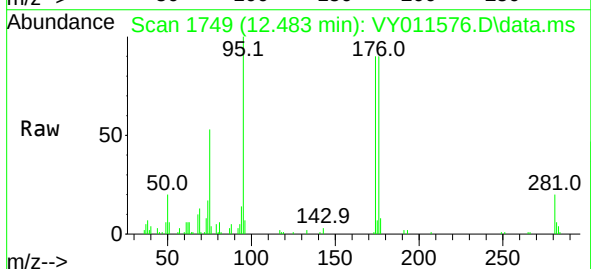
Instrument :
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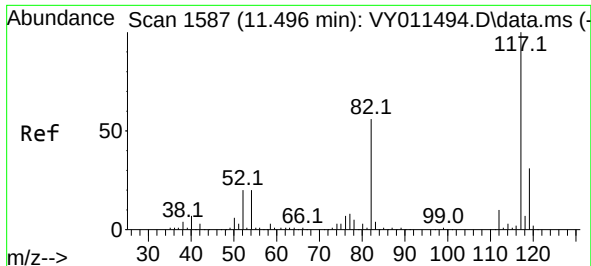
Tgt Ion: 98 Resp: 49173
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.782 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011576.D
Acq: 23 Nov 2022 15:34

Tgt Ion: 95 Resp: 14177
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 83.4 0.0 175.8

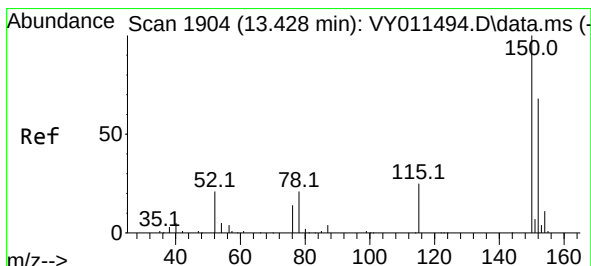
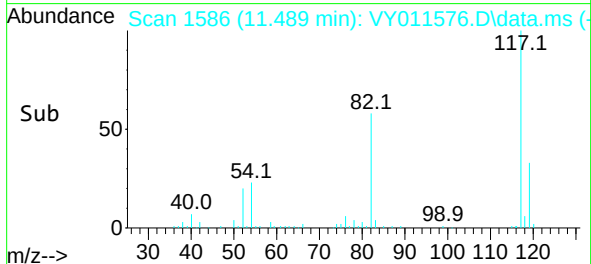
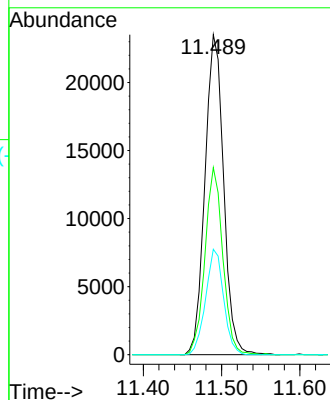
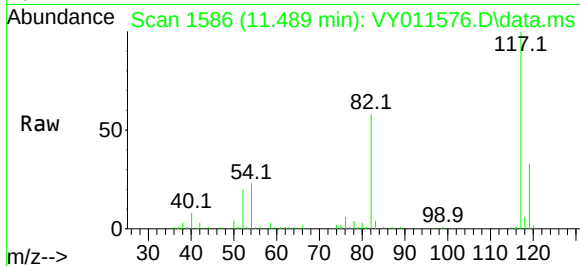




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011576.D
Acq: 23 Nov 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
CR-4

Tgt Ion:117 Resp: 38874
Ion Ratio Lower Upper
117 100
82 58.5 43.0 64.4
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011576.D
Acq: 23 Nov 2022 15:34

Tgt Ion:152 Resp: 14589
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 157.0 0.0 347.6

