

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009793.D
 Acq On : 01 Aug 2022 13:55
 Operator : KP/MD
 Sample : N3927-19
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-92

Quant Time: Aug 02 01:38:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	150699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	279681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	266657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109454	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	60221	61.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.380%
35) Dibromofluoromethane	7.710	113	61246	40.264	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.520%
50) Toluene-d8	10.179	98	257082	58.776	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	117.560%
62) 4-Bromofluorobenzene	12.483	95	66288	32.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	65.740%

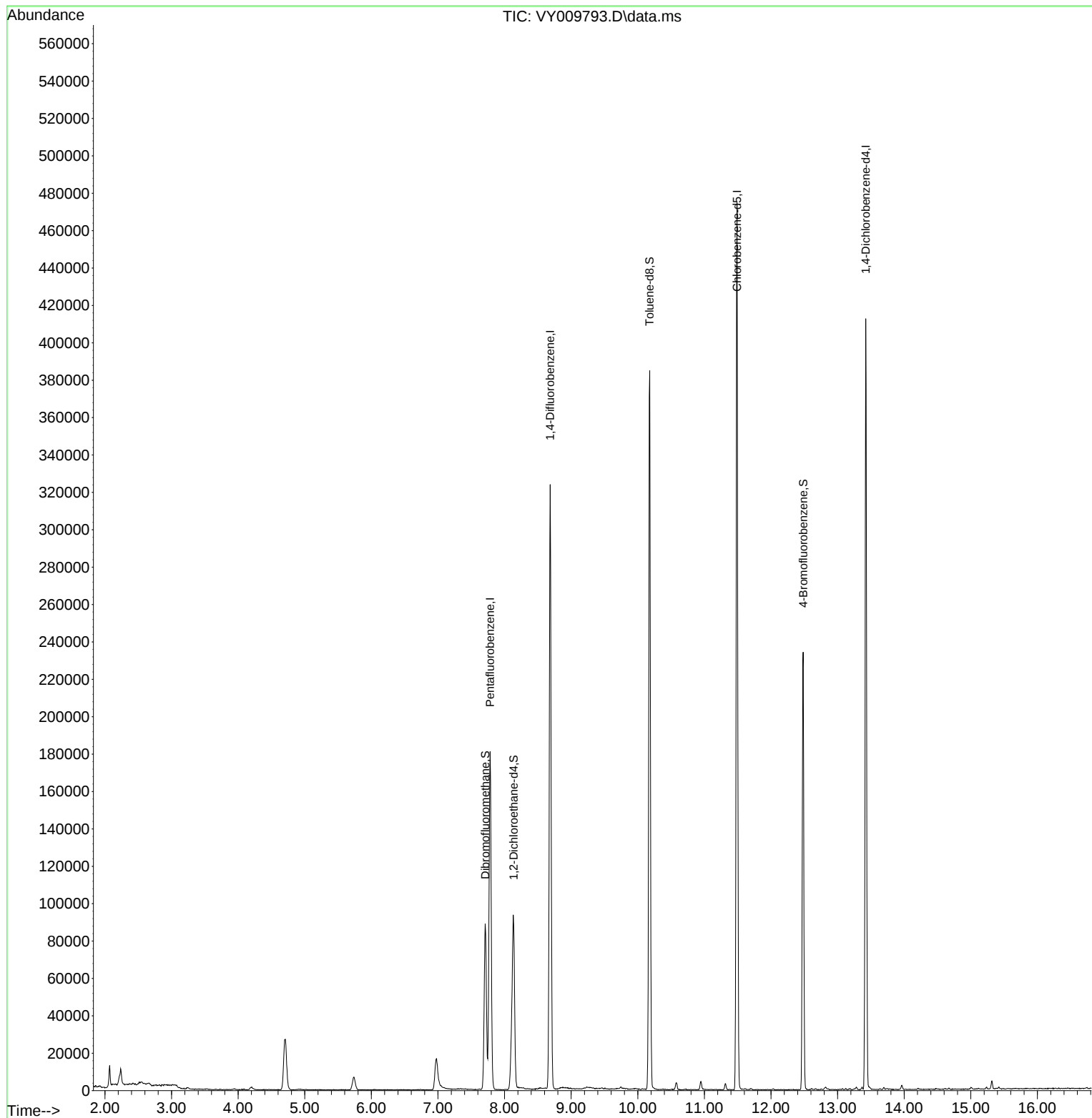
Target Compounds	Qvalue

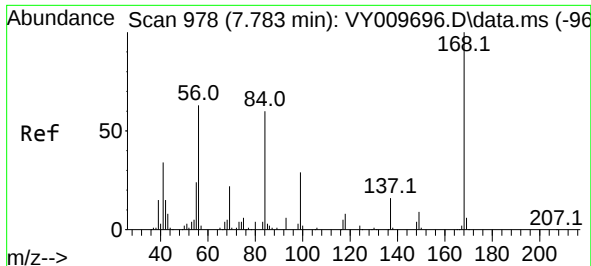
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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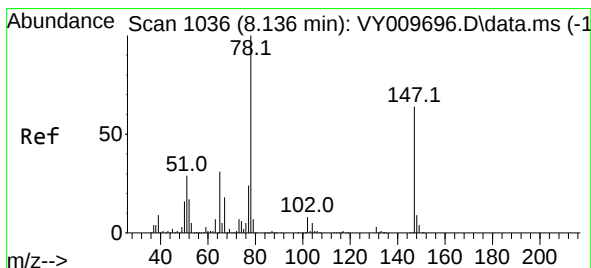
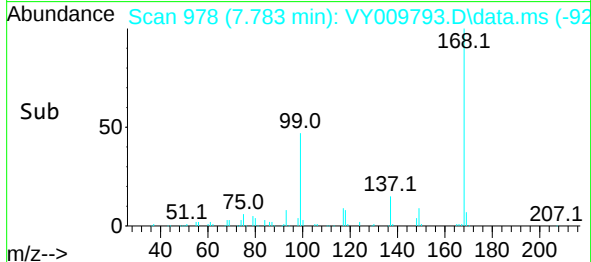
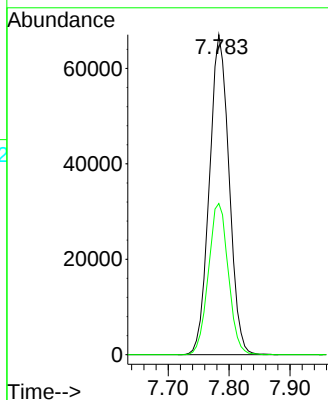
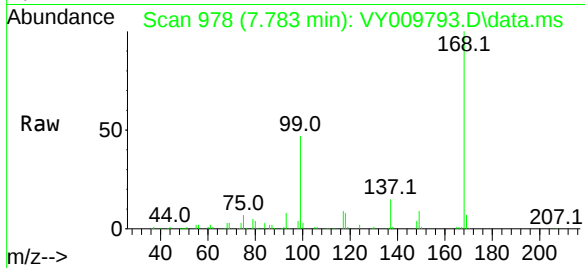




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

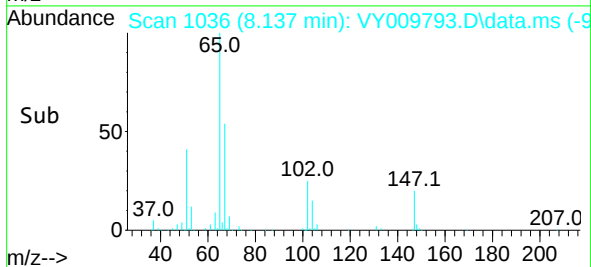
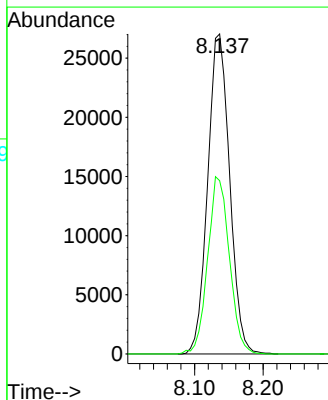
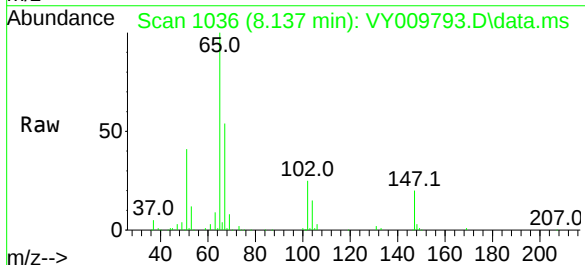
Instrument :
MSVOA_Y
ClientSampleId :
RVE-92

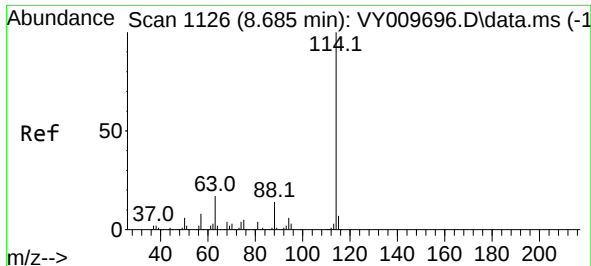
Tgt Ion:168 Resp: 150699
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.193 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

Tgt Ion: 65 Resp: 60221
Ion Ratio Lower Upper
65 100
67 54.8 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: VY009793.D

Acq: 01 Aug 2022 13:55

Instrument :

MSVOA_Y

ClientSampleId :

RVE-92

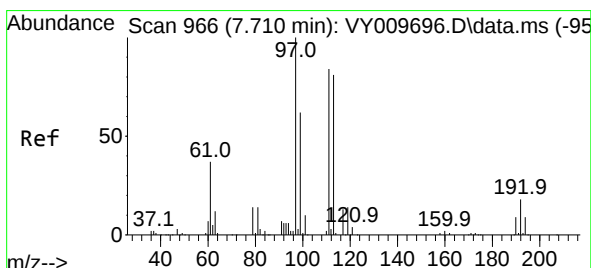
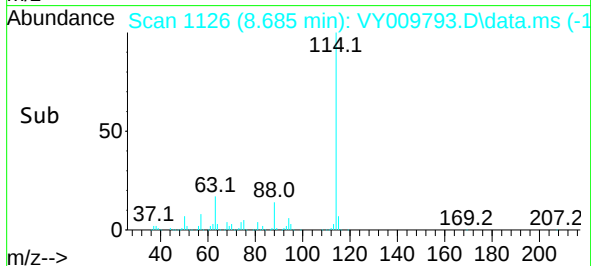
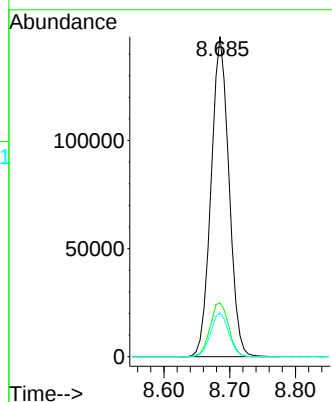
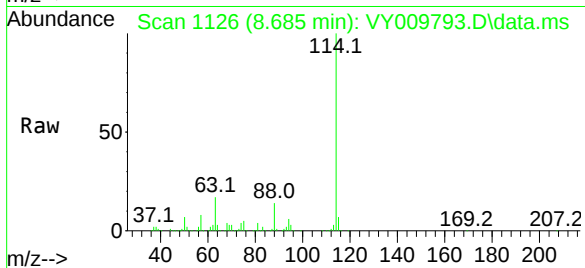
Tgt Ion:114 Resp: 279681

Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.264 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009793.D

Acq: 01 Aug 2022 13:55

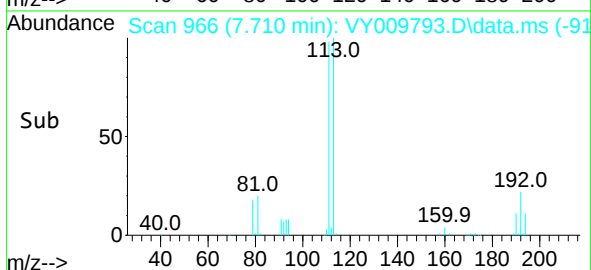
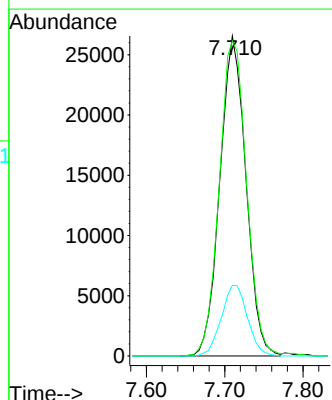
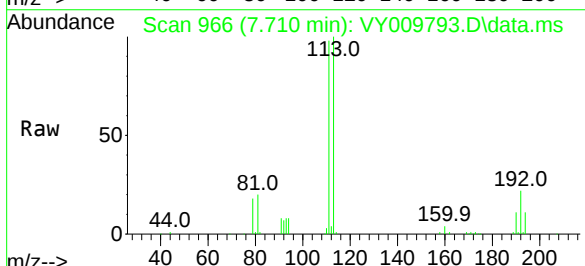
Tgt Ion:113 Resp: 61246

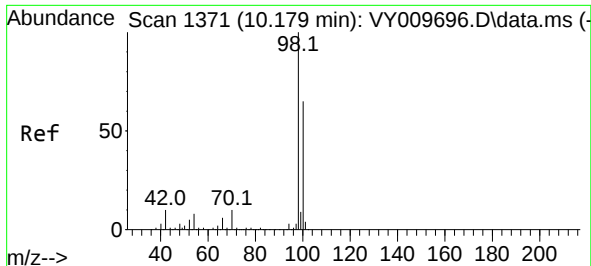
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 22.2 17.6 26.4

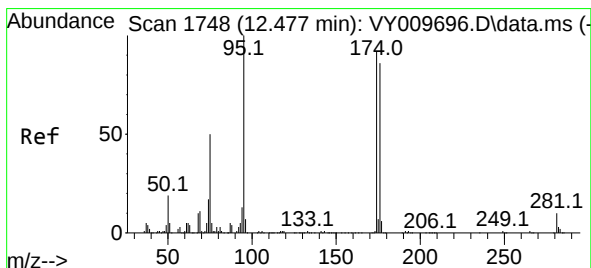
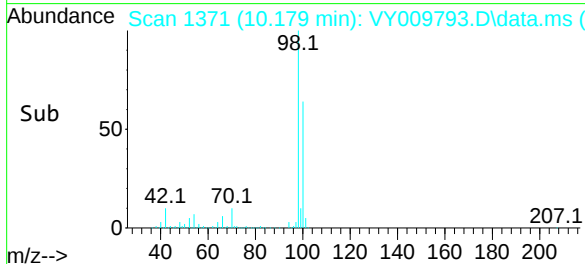
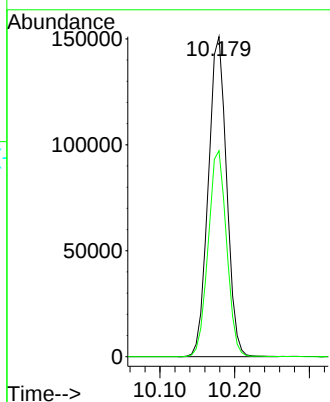
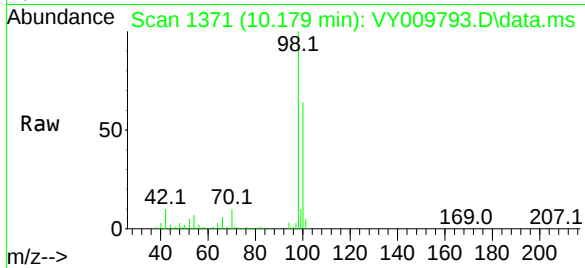




#50
Toluene-d8
Concen: 58.776 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

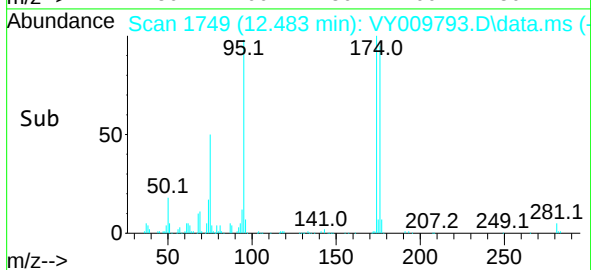
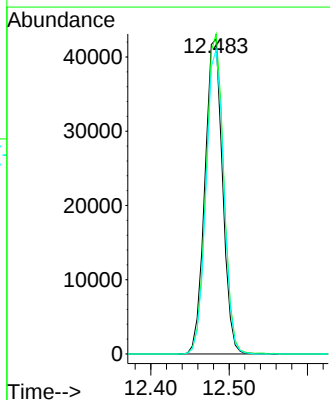
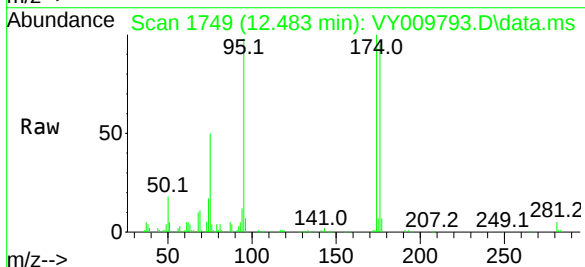
Instrument :
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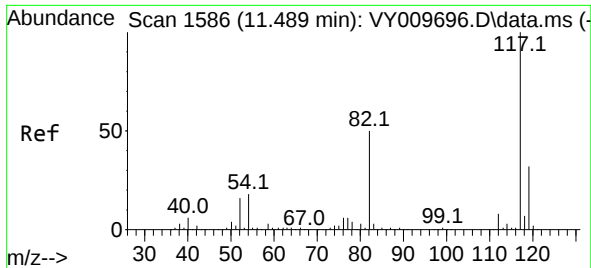
Tgt Ion: 98 Resp: 257082
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.865 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

Tgt Ion: 95 Resp: 66288
Ion Ratio Lower Upper
95 100
174 102.1 0.0 177.0
176 96.7 0.0 175.8

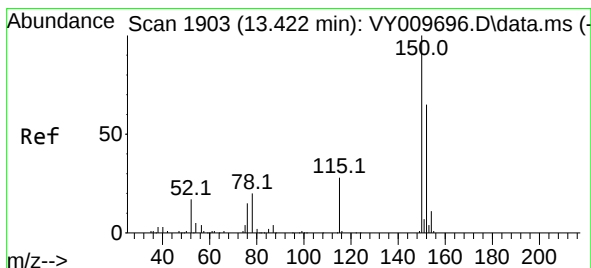
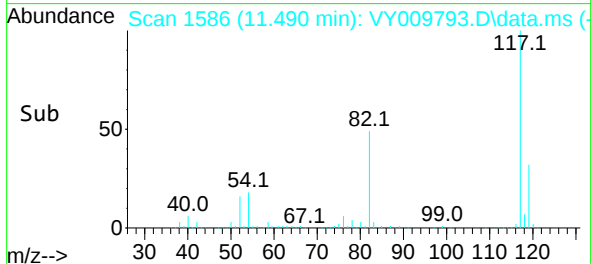
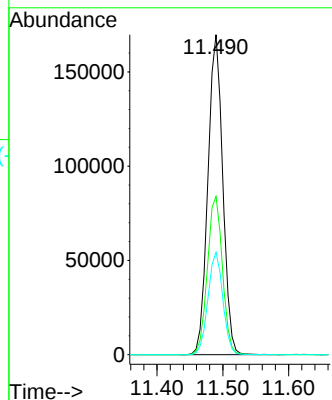
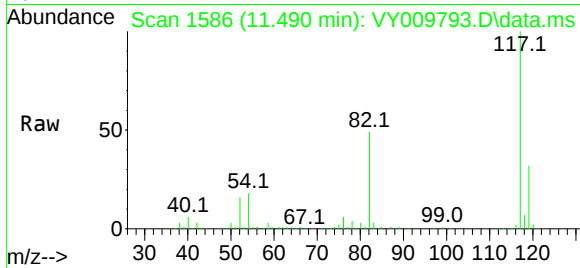




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

Instrument :
MSVOA_Y
ClientSampleId :
RVE-92

Tgt Ion:117 Resp: 266657
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 32.0 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: VY009793.D
Acq: 01 Aug 2022 13:55

Tgt Ion:152 Resp: 109454
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 157.0 0.0 347.6

