

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009809.D
 Acq On : 01 Aug 2022 20:09
 Operator : KP/MD
 Sample : N3960-17
 Misc : 3.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-164

Quant Time: Aug 02 01:43:06 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	128071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	222201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	251266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104861	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56312	67.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.820%
35) Dibromofluoromethane	7.710	113	55945	46.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.580%
50) Toluene-d8	10.179	98	224169	64.962	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	129.920%#
62) 4-Bromofluorobenzene	12.483	95	68030	42.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	84.900%

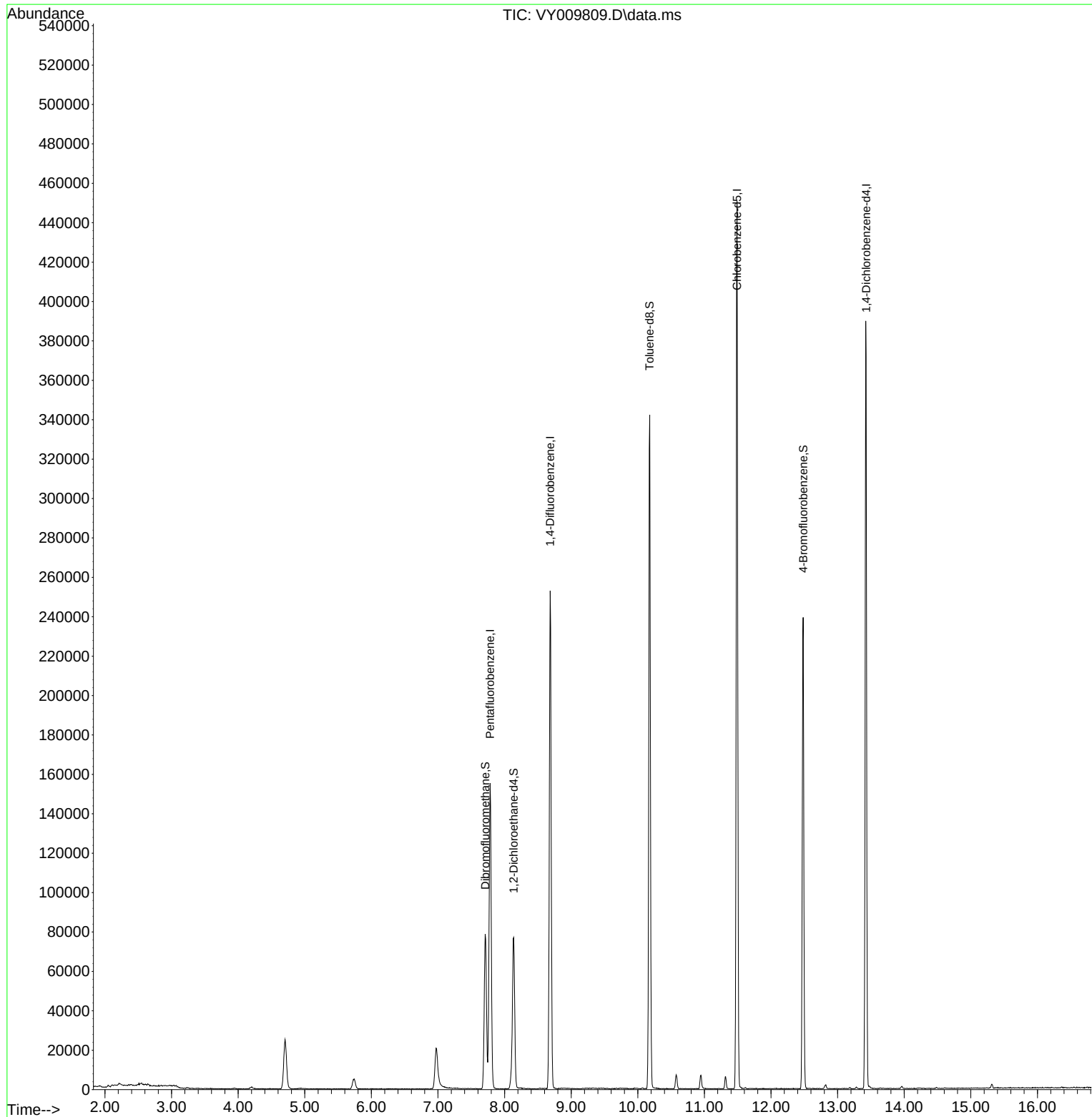
Target Compounds	Qvalue

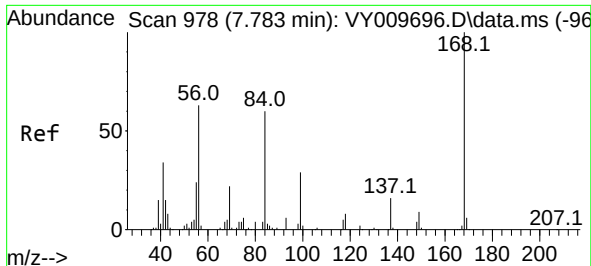
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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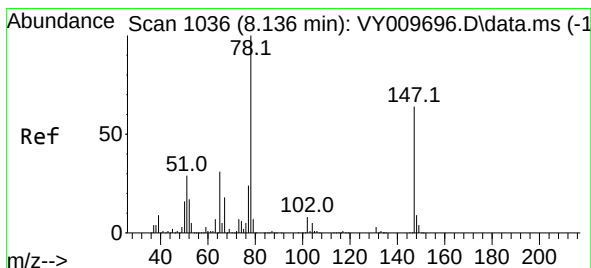
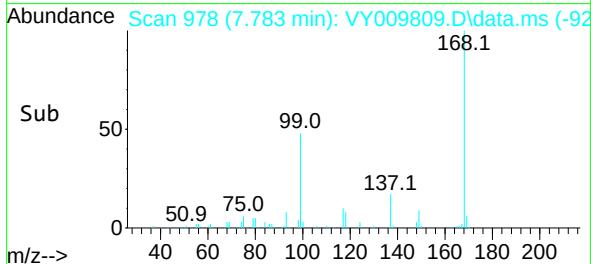
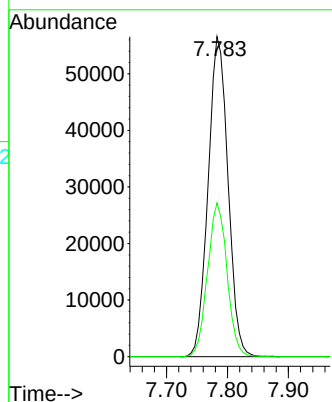
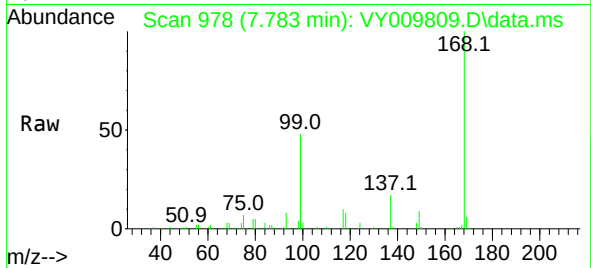




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009809.D
Acq: 01 Aug 2022 20:09

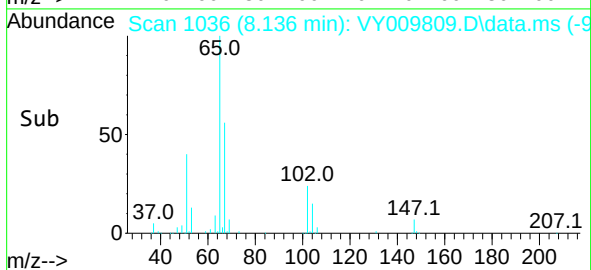
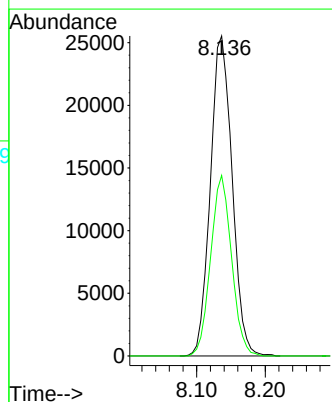
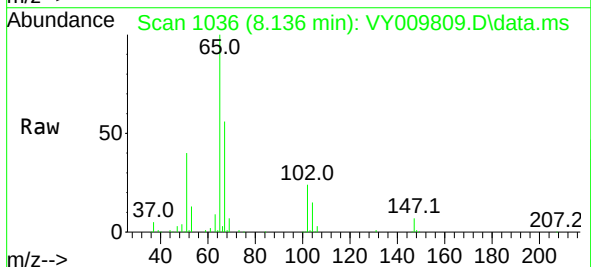
Instrument :
MSVOA_Y
ClientSampleId :
RVE-164

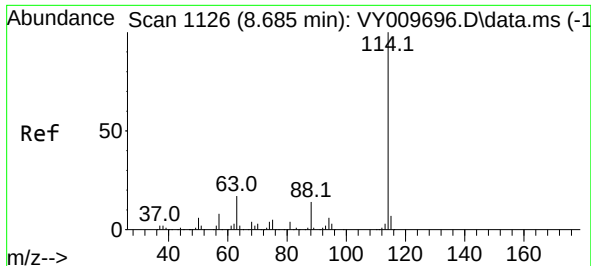
Tgt Ion:168 Resp: 128071
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.908 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009809.D
Acq: 01 Aug 2022 20:09

Tgt Ion: 65 Resp: 56312
Ion Ratio Lower Upper
65 100
67 54.3 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: VY009809.D

Acq: 01 Aug 2022 20:09

Instrument :

MSVOA_Y

ClientSampleId :

RVE-164

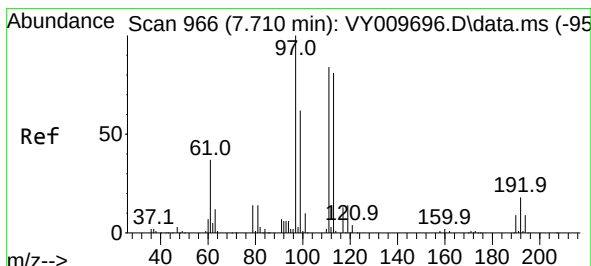
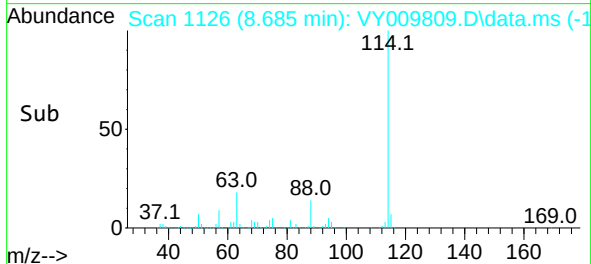
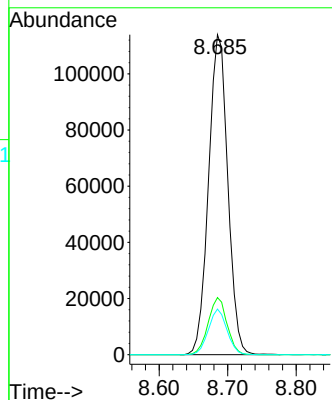
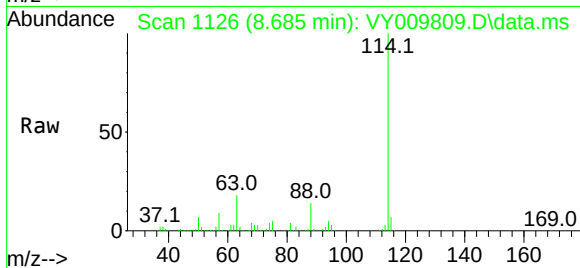
Tgt Ion:114 Resp: 222201

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.293 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009809.D

Acq: 01 Aug 2022 20:09

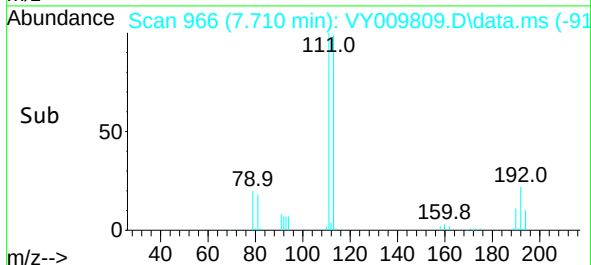
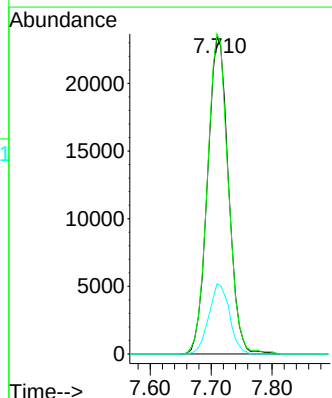
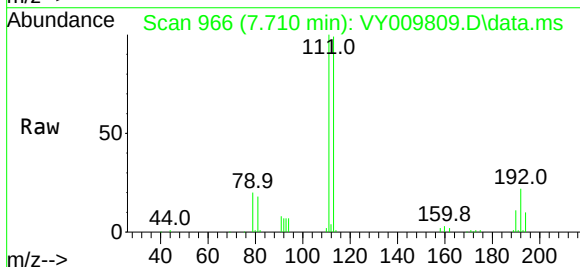
Tgt Ion:113 Resp: 55945

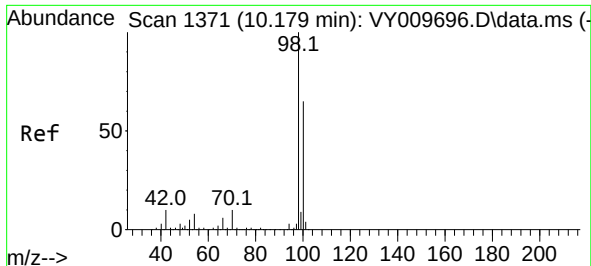
Ion Ratio Lower Upper

113 100

111 100.6 82.6 124.0

192 21.9 17.6 26.4

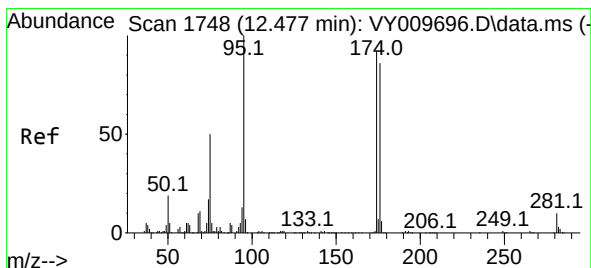
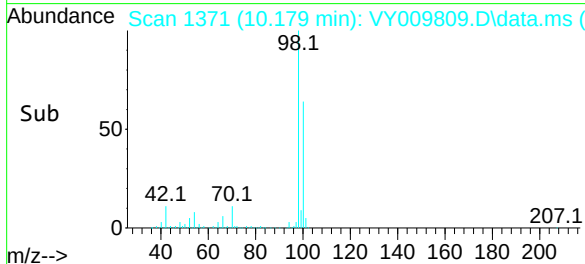
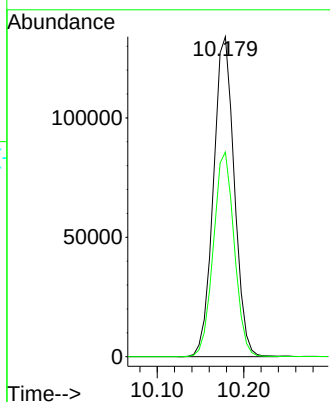
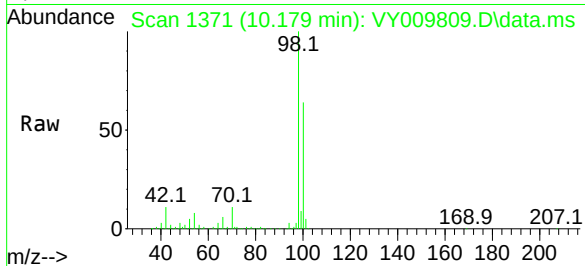




#50
Toluene-d8
Concen: 64.962 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009809.D
Acq: 01 Aug 2022 20:09

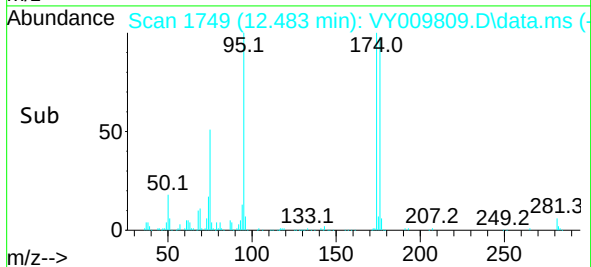
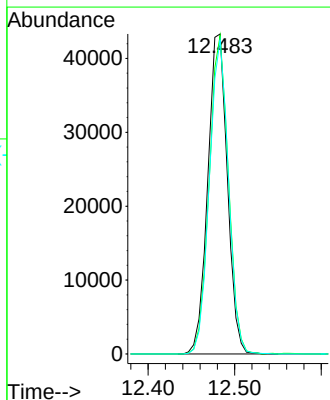
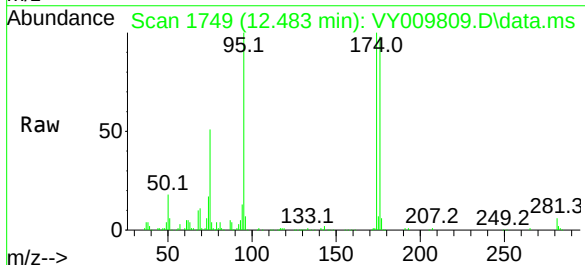
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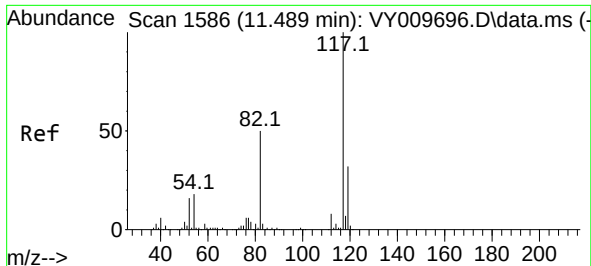
Tgt Ion: 98 Resp: 224169
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.454 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009809.D
Acq: 01 Aug 2022 20:09

Tgt Ion: 95 Resp: 68030
Ion Ratio Lower Upper
95 100
174 97.4 0.0 177.0
176 95.4 0.0 175.8

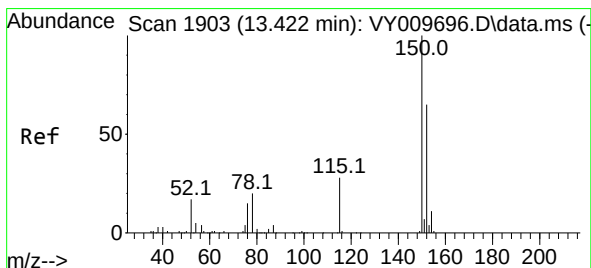
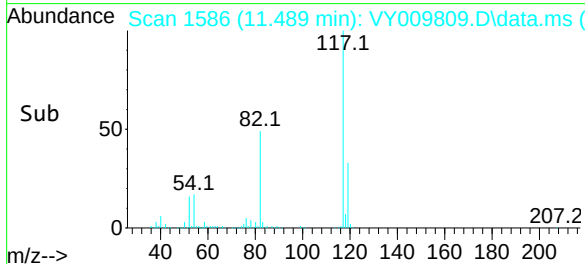
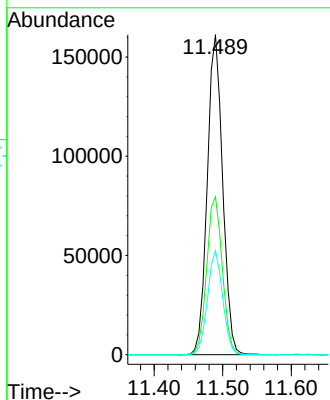
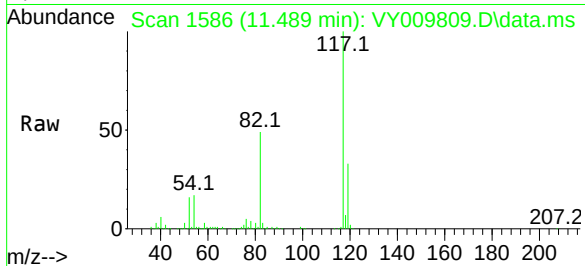




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009809.D
Acq: 01 Aug 2022 20:09

Instrument :
MSVOA_Y
ClientSampleId :
RVE-164

Tgt Ion:117 Resp: 251266
Ion Ratio Lower Upper
117 100
82 49.4 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY009809.D
Acq: 01 Aug 2022 20:09

Tgt Ion:152 Resp: 104861
Ion Ratio Lower Upper
152 100
115 53.0 28.2 84.7
150 153.8 0.0 347.6

