

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009784.D
 Acq On : 29 Jul 2022 19:47
 Operator : KP/MD
 Sample : N3931-09
 Misc : 2.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-120

Quant Time: Aug 01 01:16:53 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	153955	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	271726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132153	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	58334	57.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.440%
35) Dibromofluoromethane	7.710	113	58240	39.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.820%
50) Toluene-d8	10.173	98	226301	52.818	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	105.640%
62) 4-Bromofluorobenzene	12.477	95	69127	35.276	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	70.560%

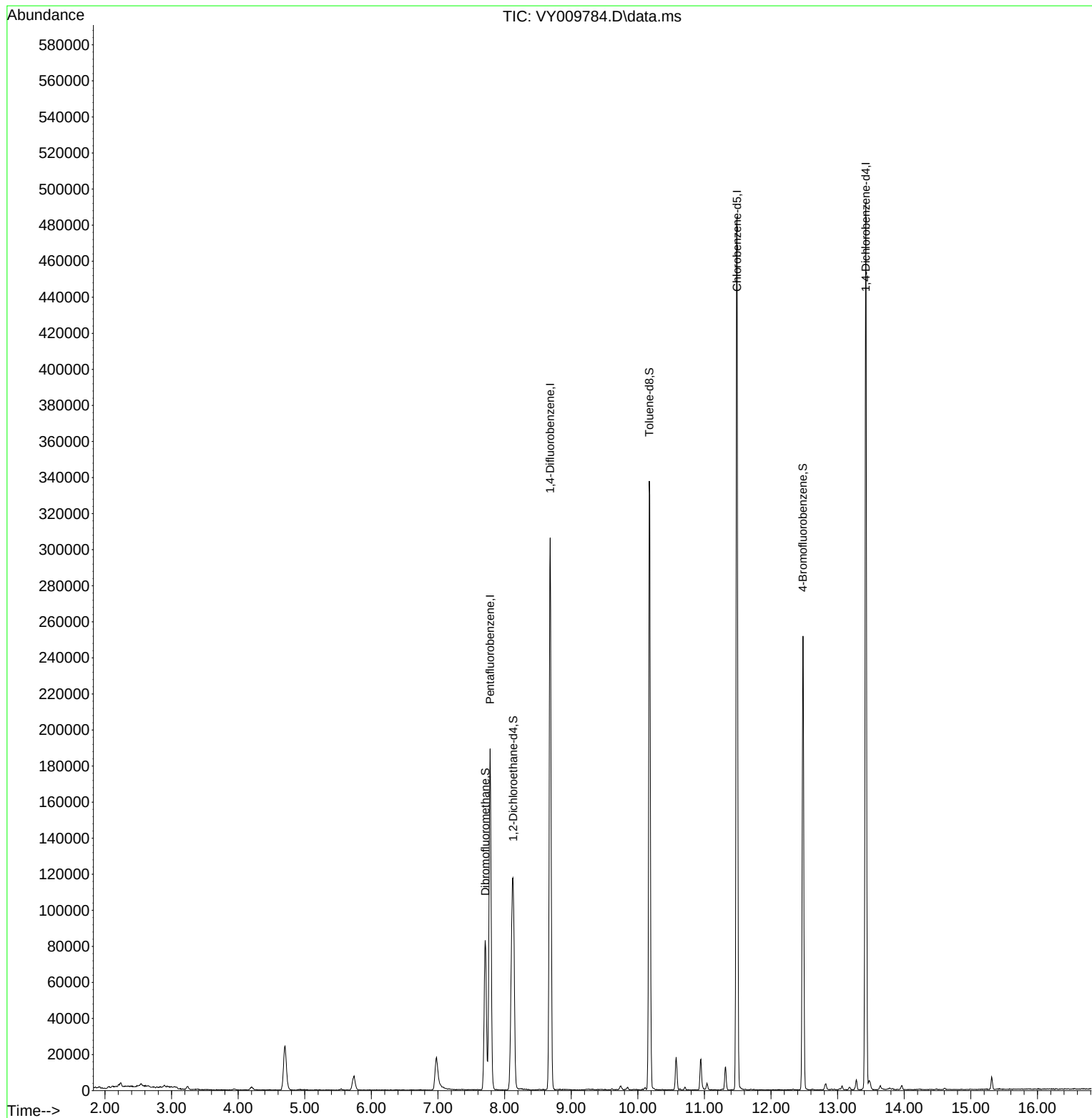
Target Compounds	Qvalue

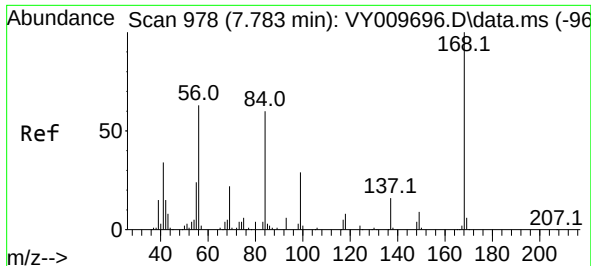
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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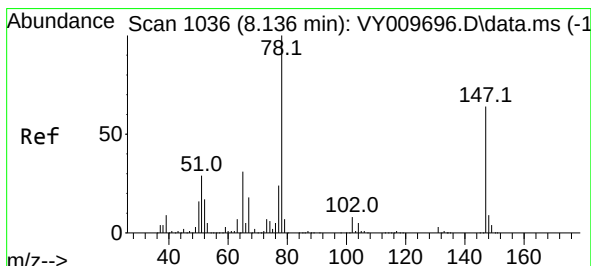
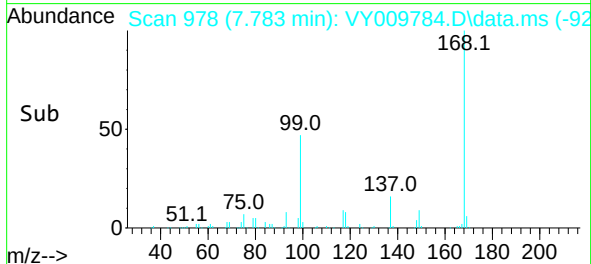
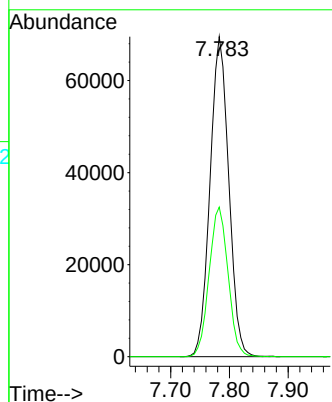
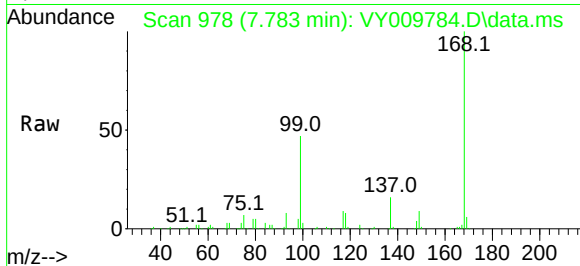




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

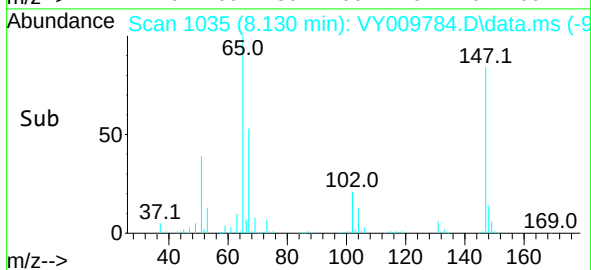
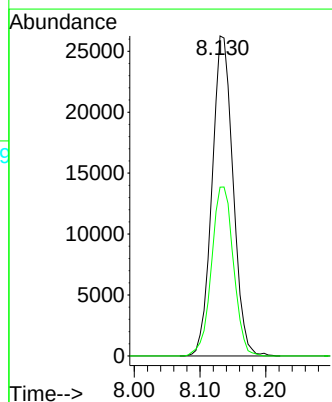
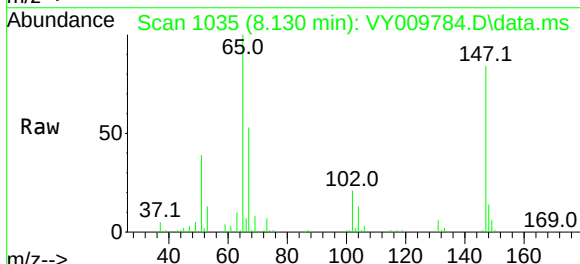
Instrument :
MSVOA_Y
ClientSampleId :
RVE-120

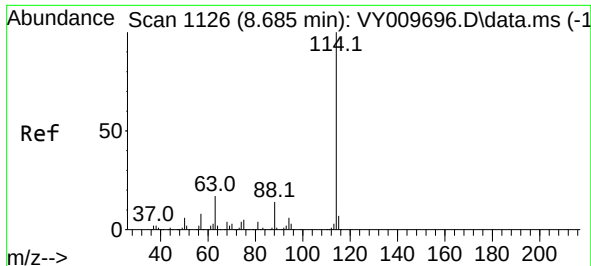
Tgt Ion:168 Resp: 153955
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 57.724 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

Tgt Ion: 65 Resp: 58334
Ion Ratio Lower Upper
65 100
67 55.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009784.D

Acq: 29 Jul 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

RVE-120

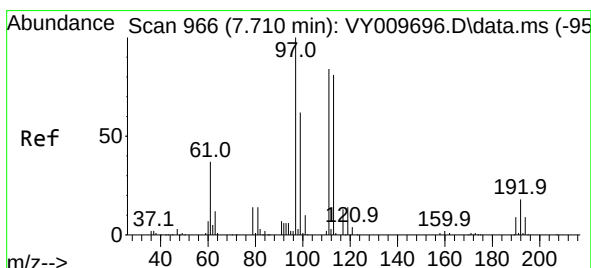
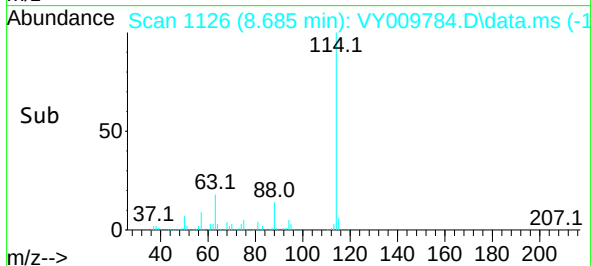
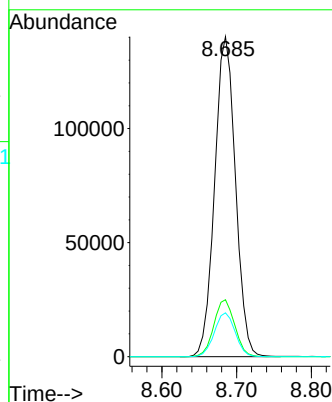
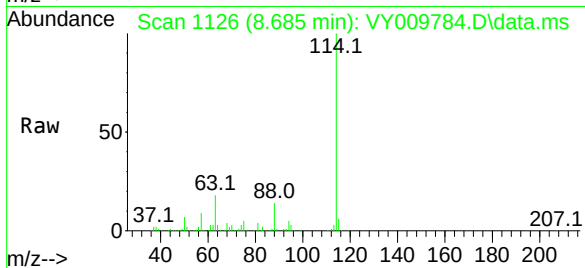
Tgt Ion:114 Resp: 271726

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.409 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009784.D

Acq: 29 Jul 2022 19:47

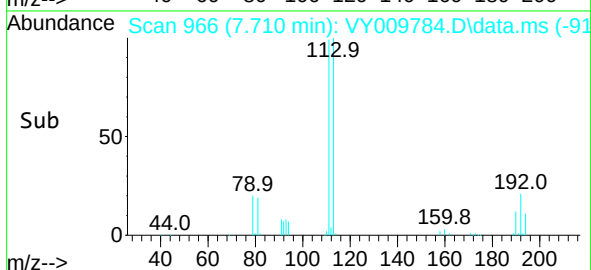
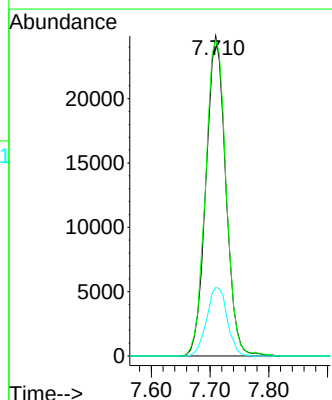
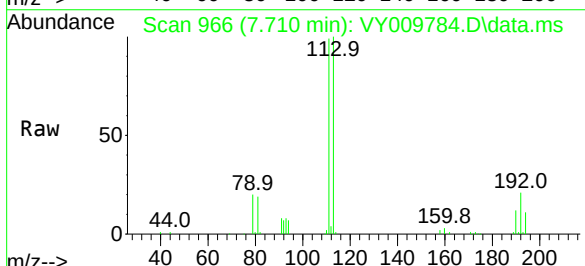
Tgt Ion:113 Resp: 58240

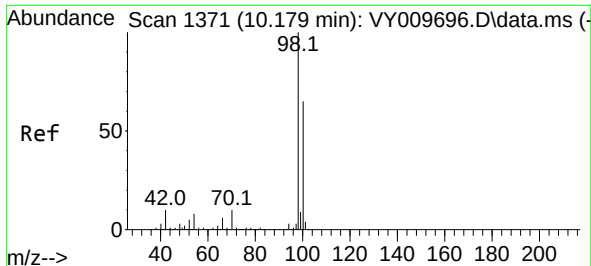
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 22.1 17.6 26.4

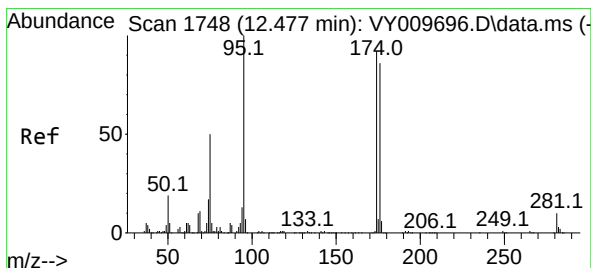
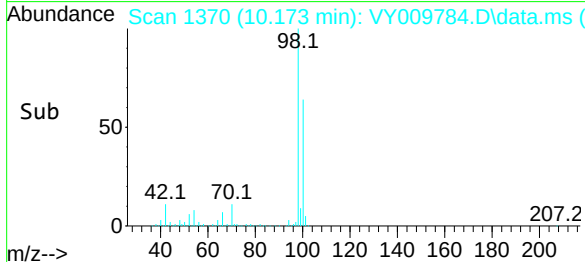
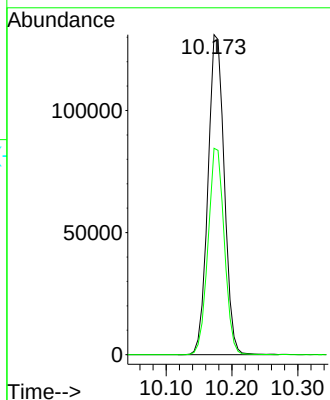
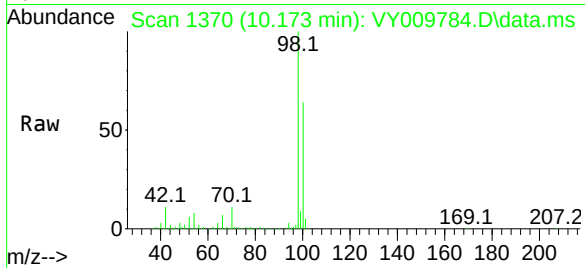




#50
Toluene-d8
Concen: 52.818 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

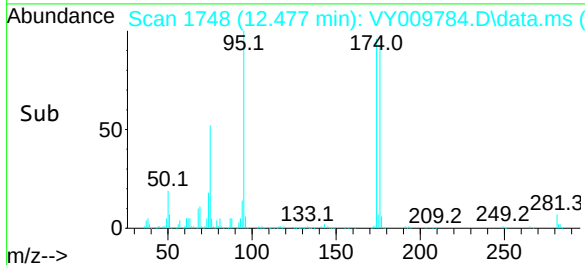
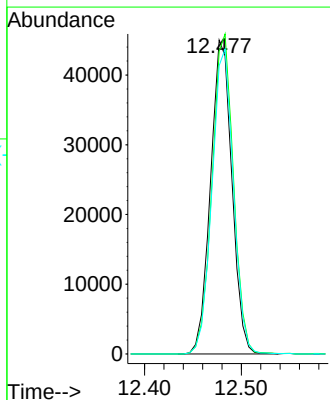
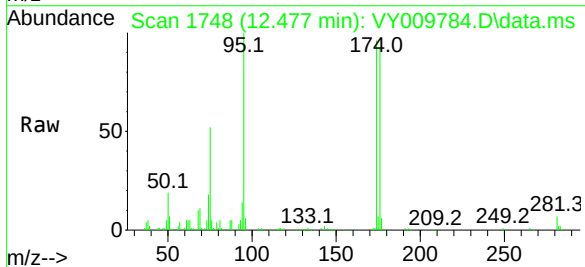
Instrument :
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ClientSampleId :
RVE-120

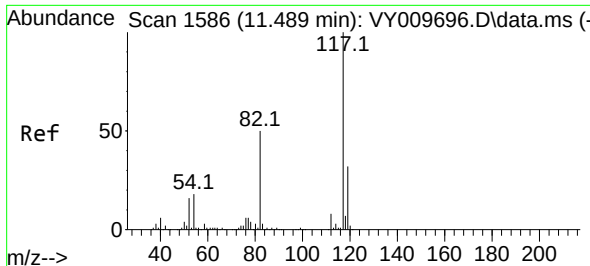
Tgt Ion: 98 Resp: 226301
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.276 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

Tgt Ion: 95 Resp: 69127
Ion Ratio Lower Upper
95 100
174 101.8 0.0 177.0
176 97.1 0.0 175.8

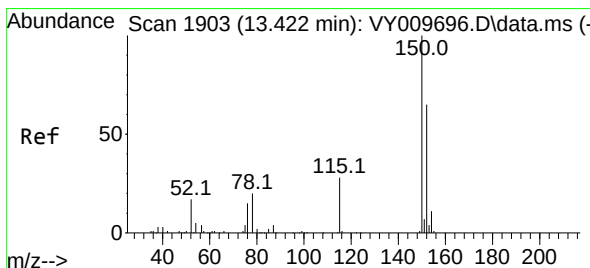
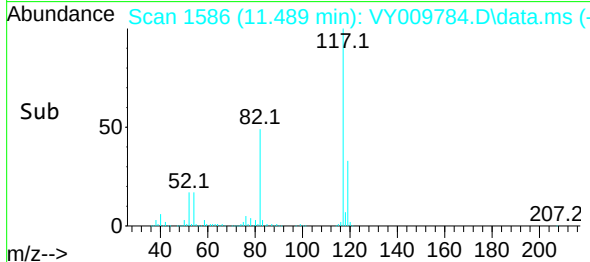
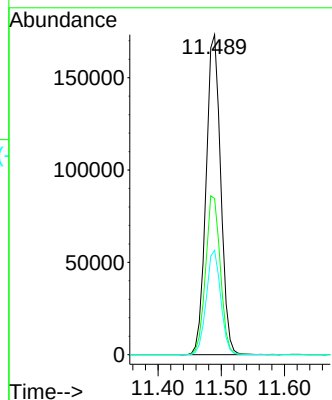
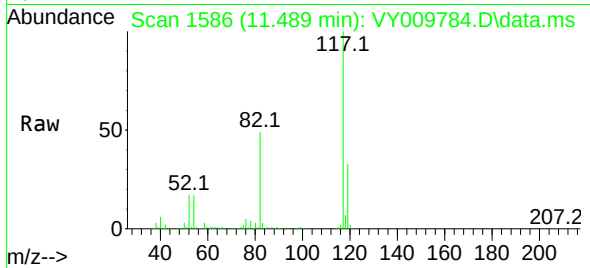




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009784.D
Acq: 29 Jul 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :
RVE-120

Tgt Ion:117 Resp: 279259
Ion Ratio Lower Upper
117 100
82 48.8 43.0 64.4
119 32.6 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: VY009784.D
Acq: 29 Jul 2022 19:47

Tgt Ion:152 Resp: 132153
Ion Ratio Lower Upper
152 100
115 53.8 28.2 84.7
150 156.7 0.0 347.6

