

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009777.D
 Acq On : 29 Jul 2022 17:02
 Operator : KP/MD
 Sample : N3930-20
 Misc : 3.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-112

Quant Time: Aug 01 01:14:50 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	161487	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	280200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	277070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129012	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62804	59.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.800%
35) Dibromofluoromethane	7.710	113	62667	41.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.240%
50) Toluene-d8	10.179	98	239919	54.433	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	108.860%
62) 4-Bromofluorobenzene	12.477	95	71171	35.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	70.440%

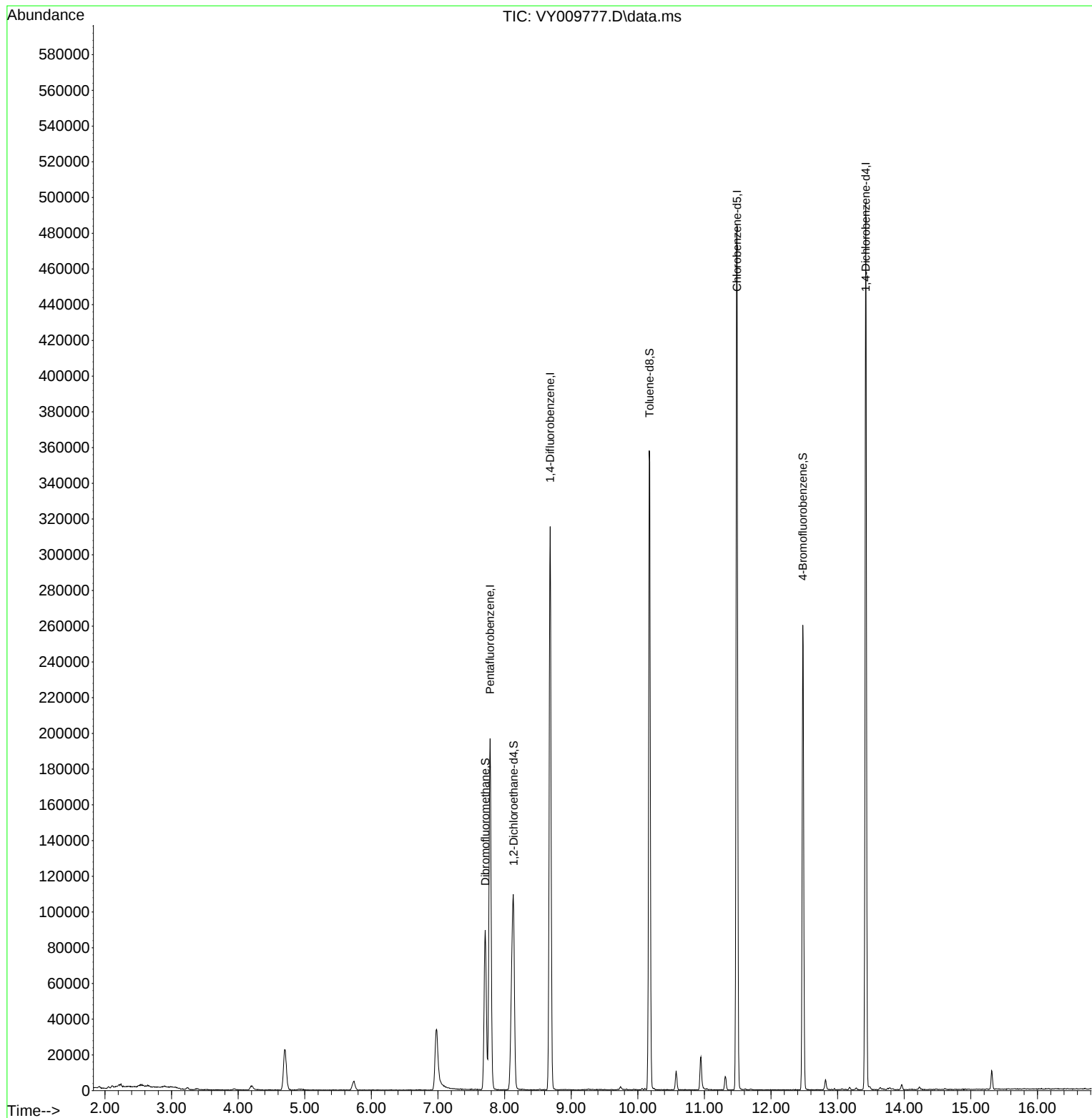
Target Compounds	Qvalue

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

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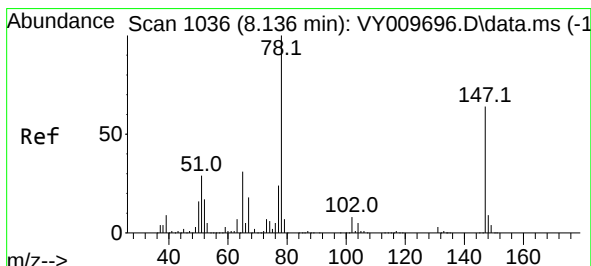
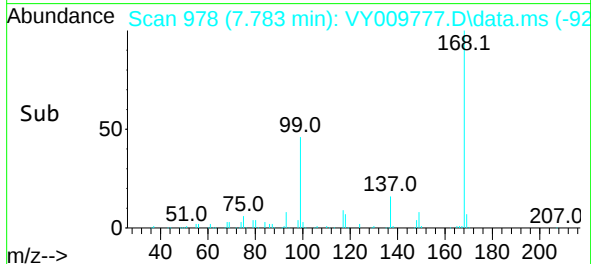
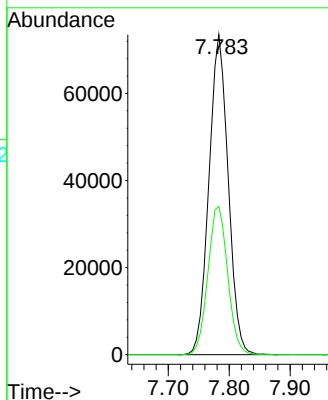
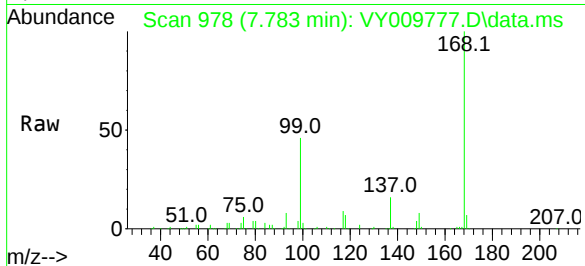




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009777.D
Acq: 29 Jul 2022 17:02

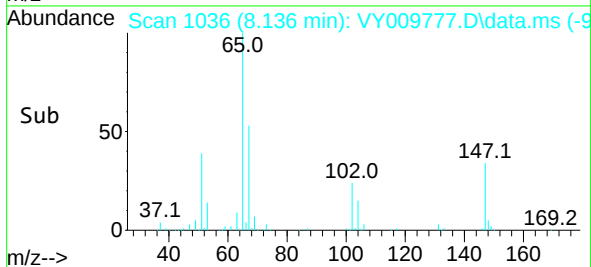
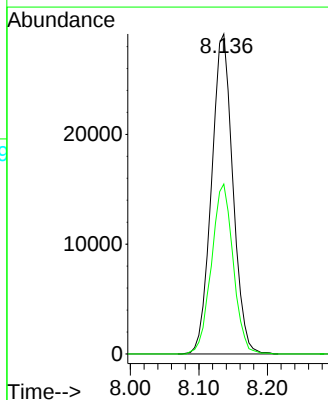
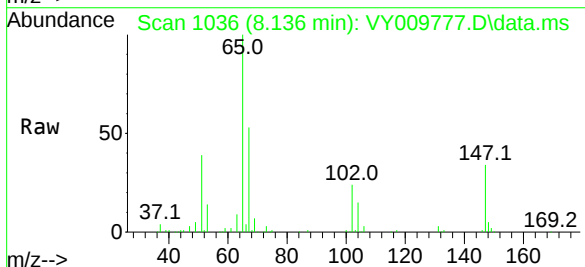
Instrument :
MSVOA_Y
ClientSampleId :
RVE-112

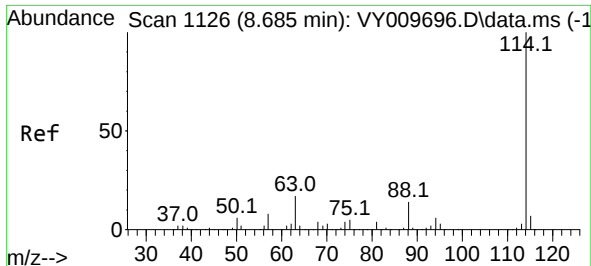
Tgt Ion:168 Resp: 161487
Ion Ratio Lower Upper
168 100
99 46.3 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 59.401 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009777.D
Acq: 29 Jul 2022 17:02

Tgt Ion: 65 Resp: 62804
Ion Ratio Lower Upper
65 100
67 54.2 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: VY009777.D

Acq: 29 Jul 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

RVE-112

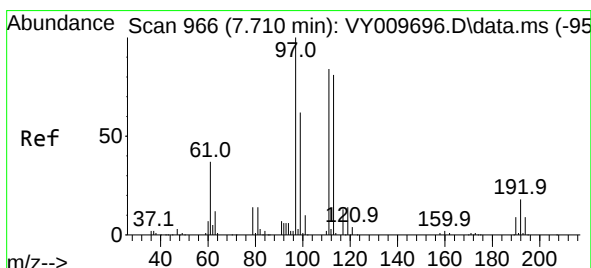
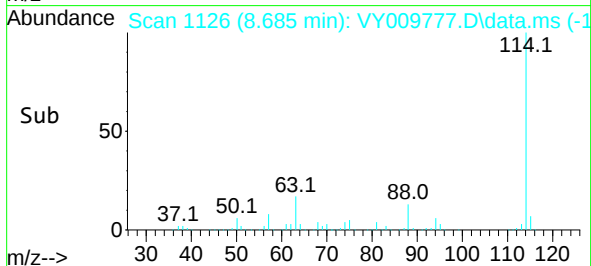
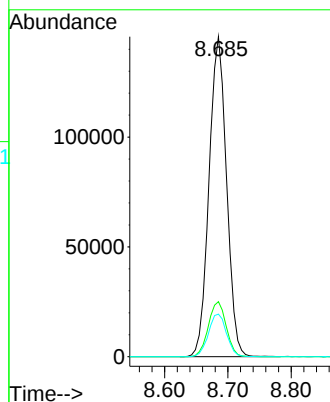
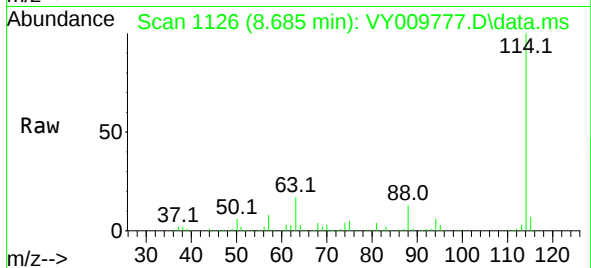
Tgt Ion:114 Resp: 280200

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.122 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009777.D

Acq: 29 Jul 2022 17:02

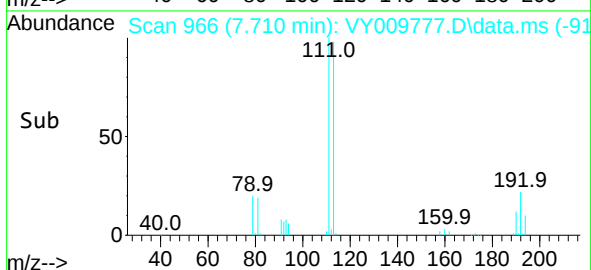
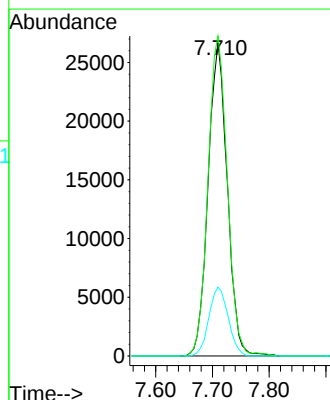
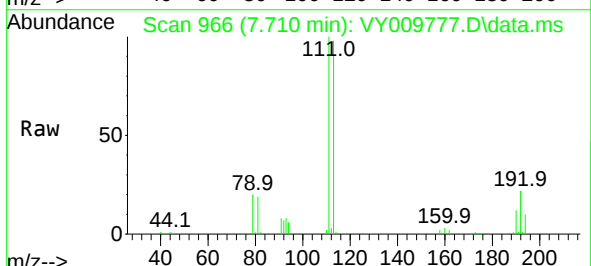
Tgt Ion:113 Resp: 62667

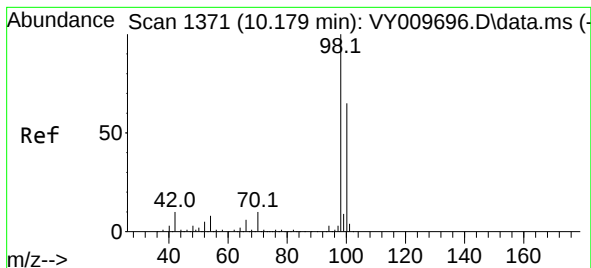
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 22.1 17.6 26.4





#50

Toluene-d8

Concen: 54.433 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009777.D

Acq: 29 Jul 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

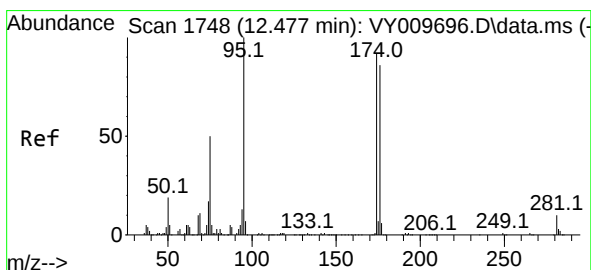
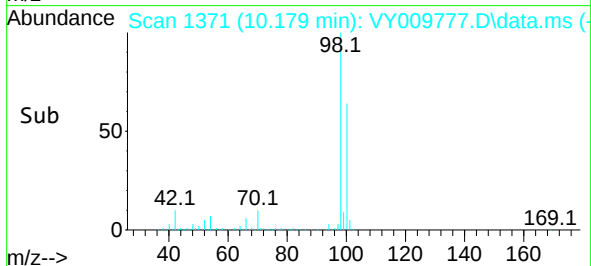
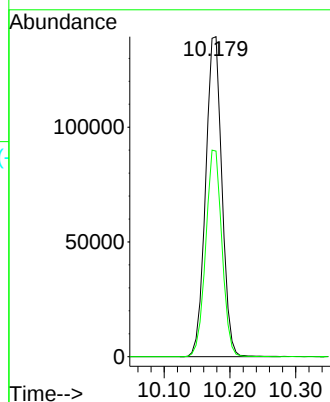
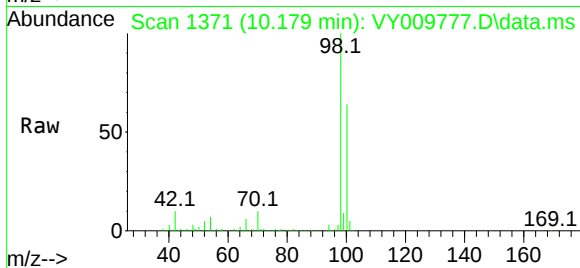
RVE-112

Tgt Ion: 98 Resp: 239919

Ion Ratio Lower Upper

98 100

100 64.4 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 35.221 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009777.D

Acq: 29 Jul 2022 17:02

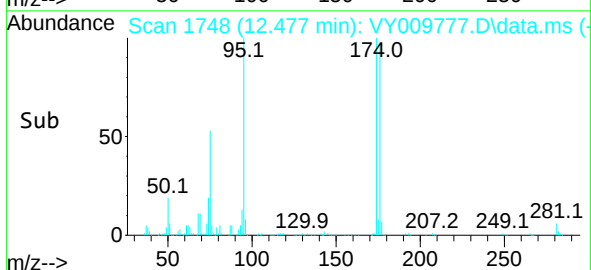
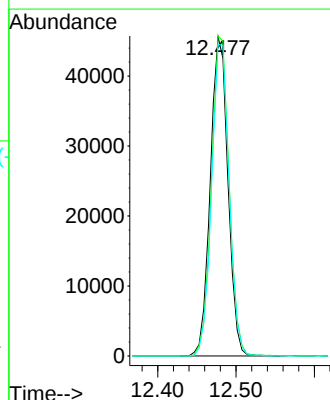
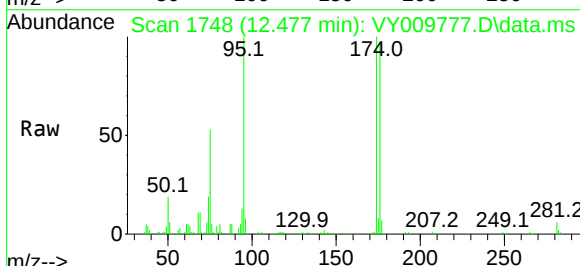
Tgt Ion: 95 Resp: 71171

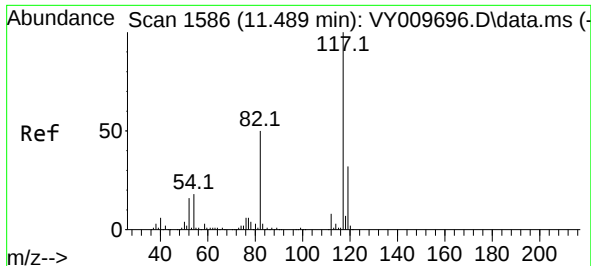
Ion Ratio Lower Upper

95 100

174 100.5 0.0 177.0

176 97.0 0.0 175.8

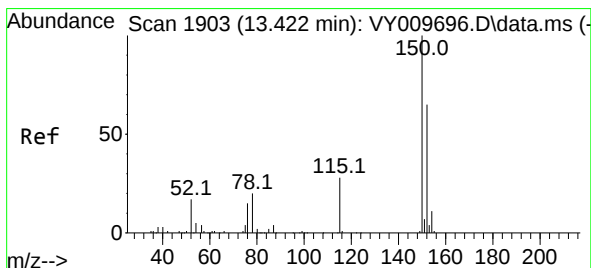
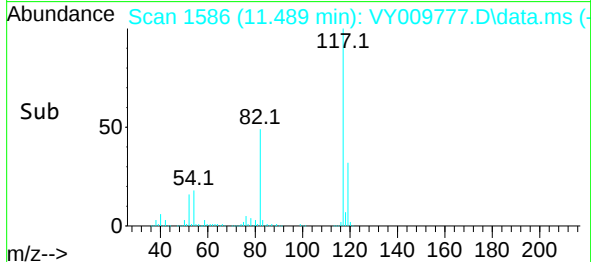
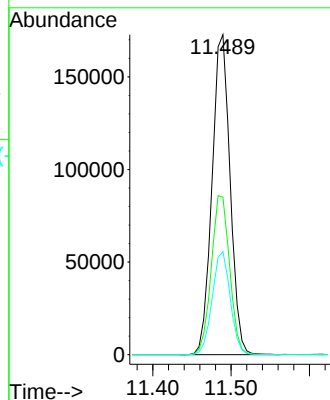
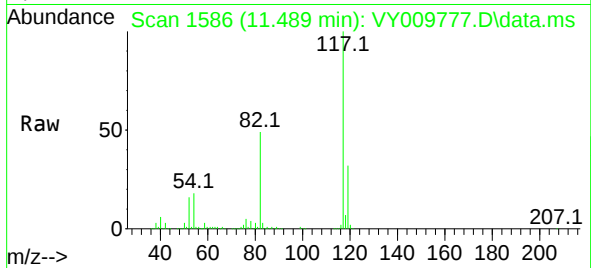




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009777.D
Acq: 29 Jul 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :
RVE-112

Tgt Ion:117 Resp: 277070
Ion Ratio Lower Upper
117 100
82 49.2 43.0 64.4
119 32.2 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: VY009777.D
Acq: 29 Jul 2022 17:02

Tgt Ion:152 Resp: 129012
Ion Ratio Lower Upper
152 100
115 53.6 28.2 84.7
150 156.5 0.0 347.6

