

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011266.D
 Acq On : 02 Nov 2022 16:34
 Operator : KP/MD
 Sample : N5395-10
 Misc : 4.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-7-103122

Quant Time: Nov 03 05:17:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

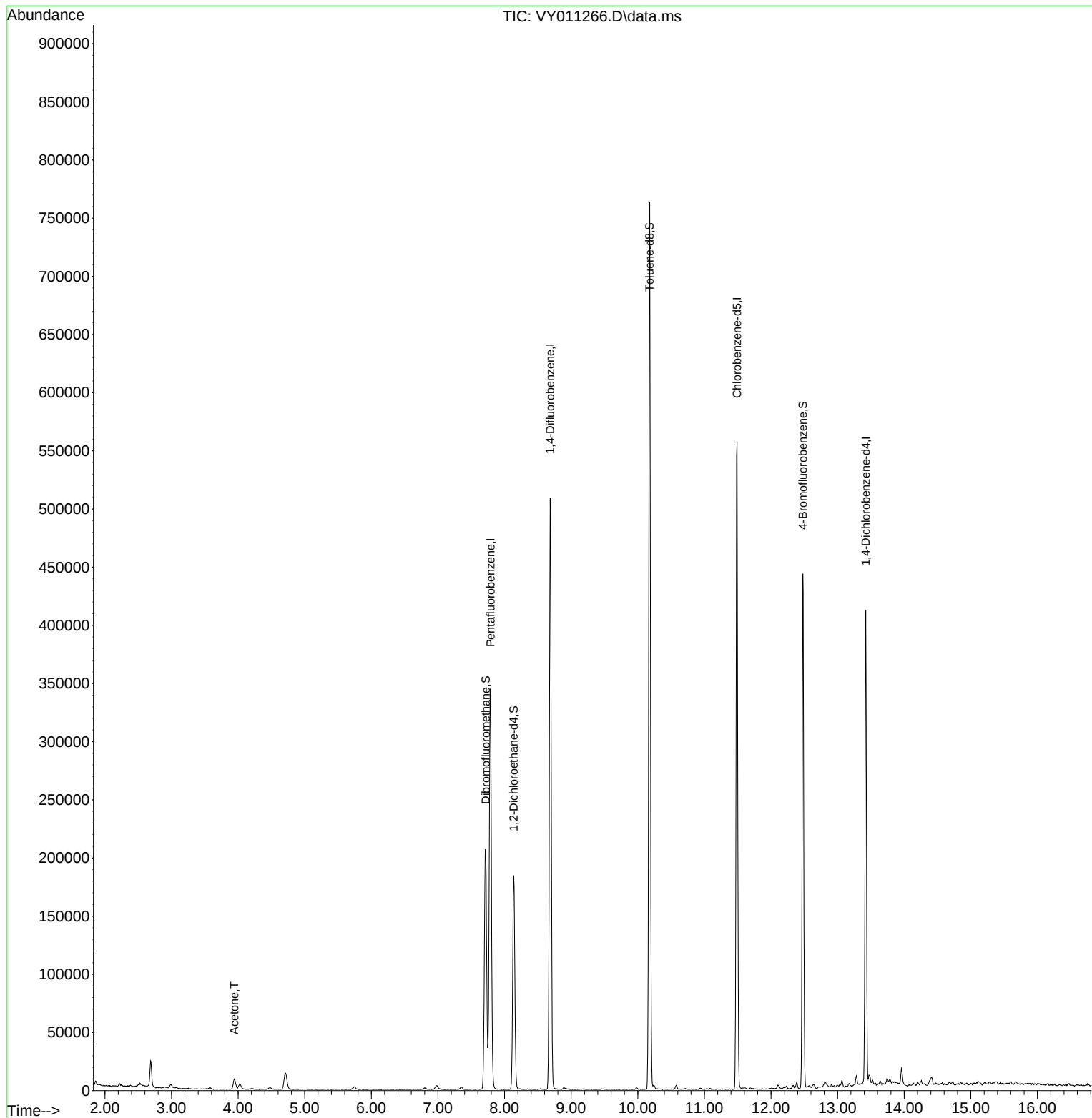
Internal Standards						
1) Pentafluorobenzene	7.789	168	273199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	447723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	322441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	142533	48.781	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.560%
35) Dibromofluoromethane	7.716	113	154409	53.678	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.360%
50) Toluene-d8	10.179	98	517102	46.299	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.600%
62) 4-Bromofluorobenzene	12.477	95	139220	35.906	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.820%
Target Compounds						
16) Acetone	3.942	43	15394	17.453	ug/l	Qvalue # 81

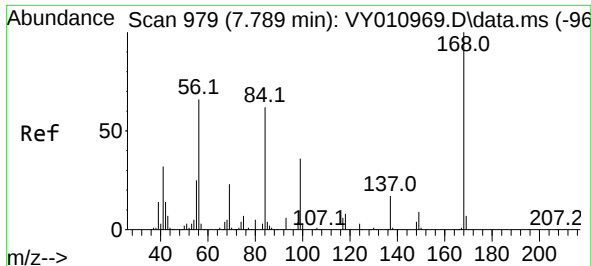
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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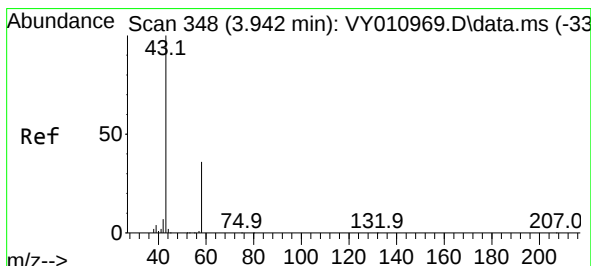
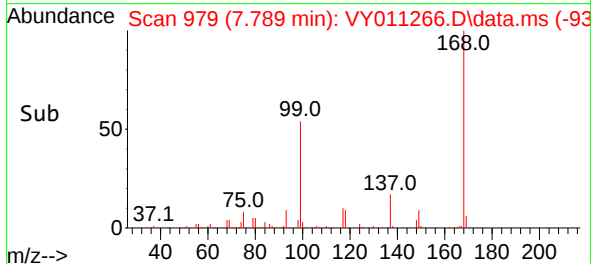
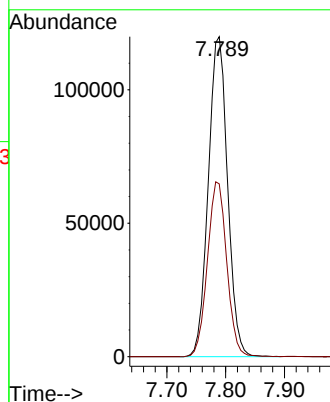
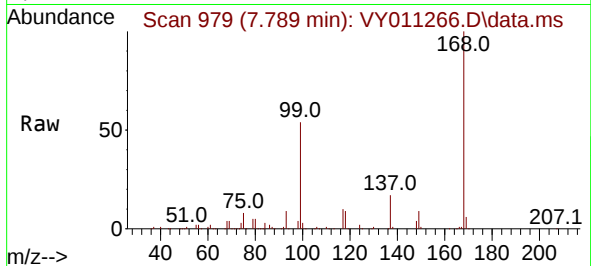




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011266.D
Acq: 02 Nov 2022 16:34

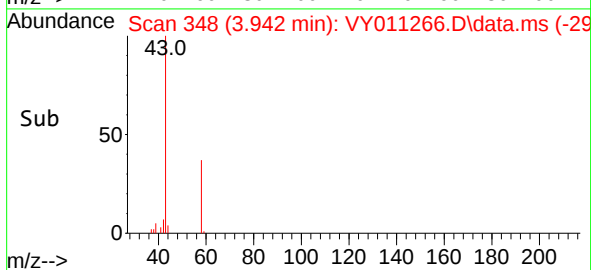
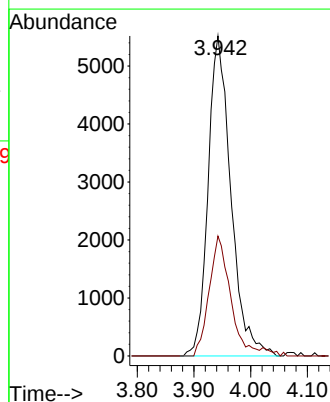
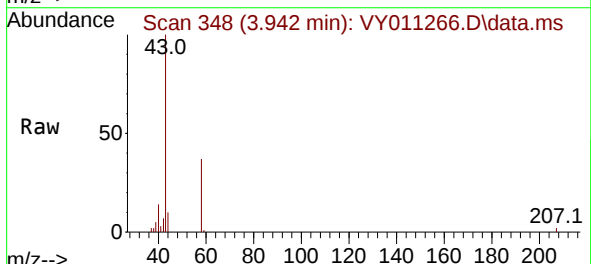
Instrument :
MSVOA_Y
ClientSampleId :
S-7-103122

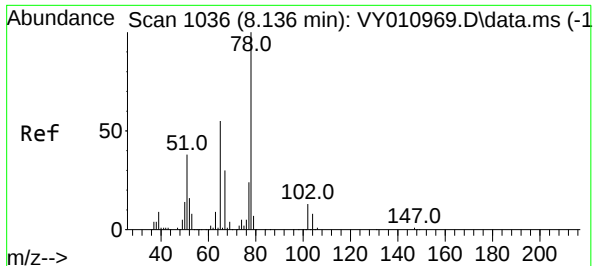
Tgt Ion:168 Resp: 273199
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#16
Acetone
Concen: 17.453 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011266.D
Acq: 02 Nov 2022 16:34

Tgt Ion: 43 Resp: 15394
Ion Ratio Lower Upper
43 100
58 37.5 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 48.781 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011266.D

Acq: 02 Nov 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

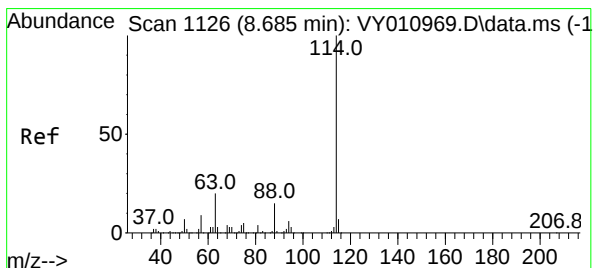
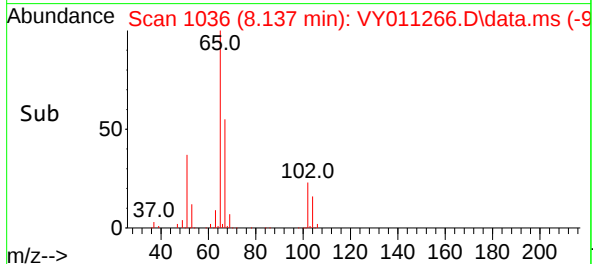
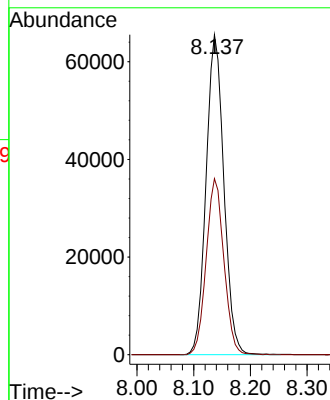
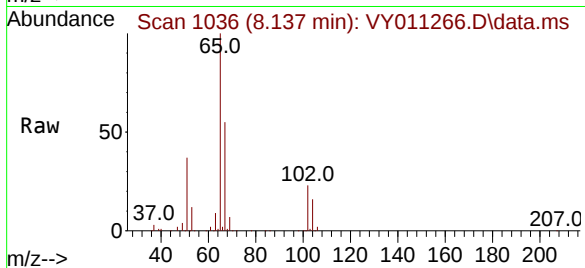
S-7-103122

Tgt Ion: 65 Resp: 142533

Ion Ratio Lower Upper

65 100

67 54.7 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: VY011266.D

Acq: 02 Nov 2022 16:34

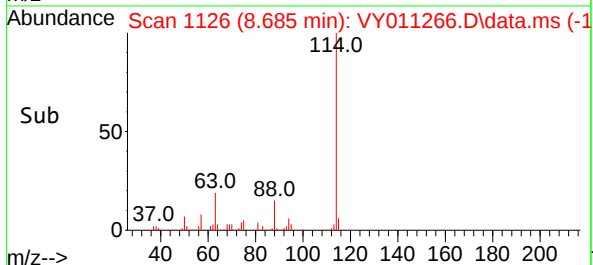
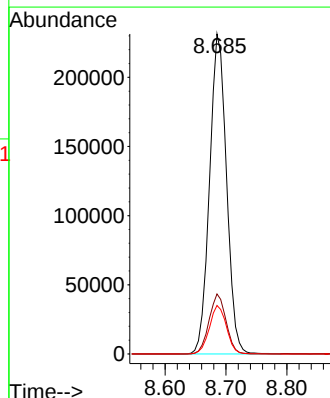
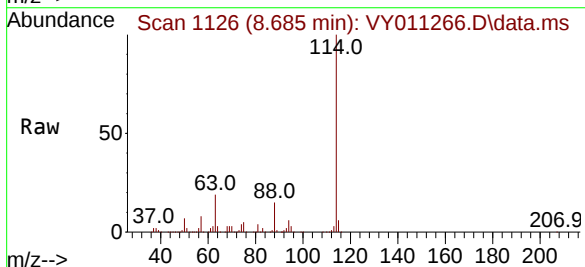
Tgt Ion: 114 Resp: 447723

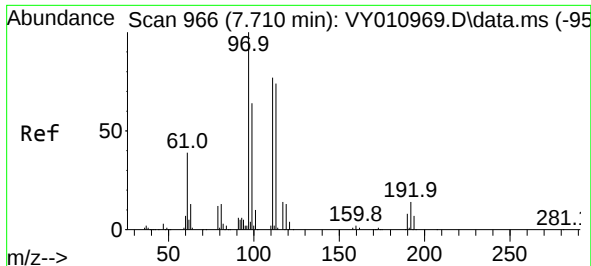
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.678 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY011266.D

Acq: 02 Nov 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

S-7-103122

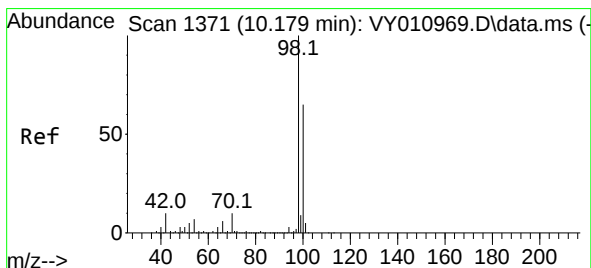
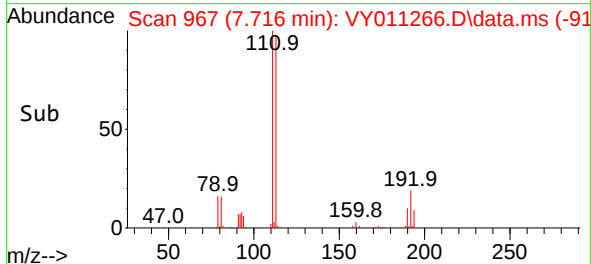
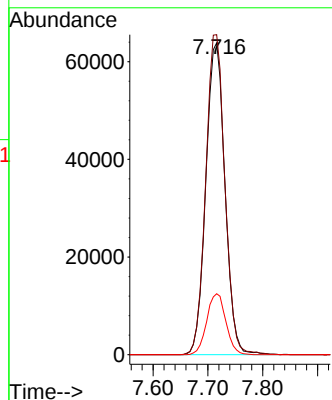
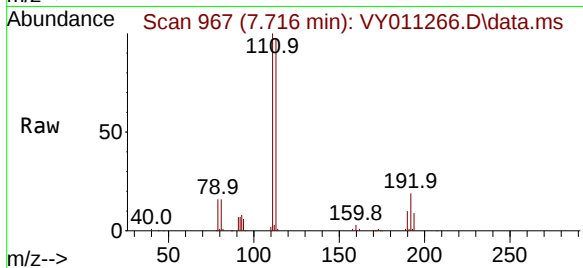
Tgt Ion:113 Resp: 154409

Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 19.6 17.6 26.4



#50

Toluene-d8

Concen: 46.299 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011266.D

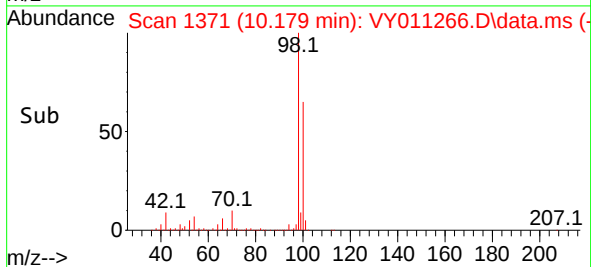
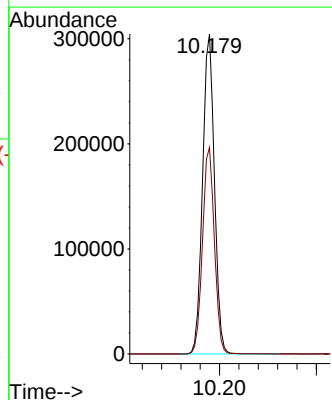
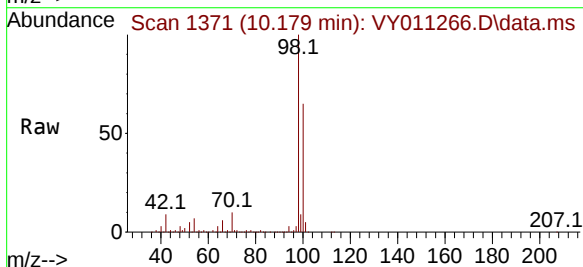
Acq: 02 Nov 2022 16:34

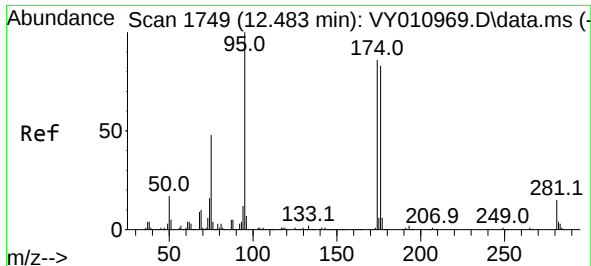
Tgt Ion: 98 Resp: 517102

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 35.906 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011266.D

Acq: 02 Nov 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

S-7-103122

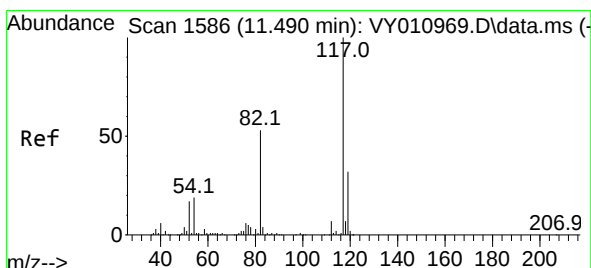
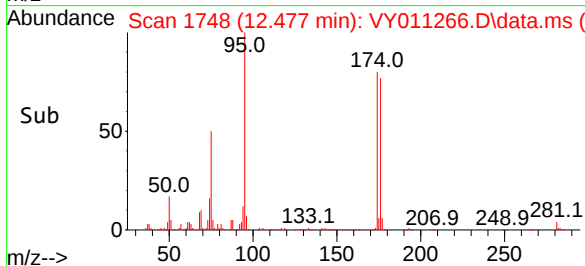
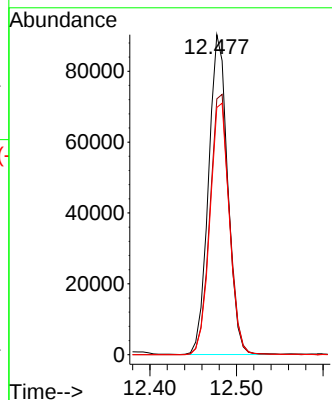
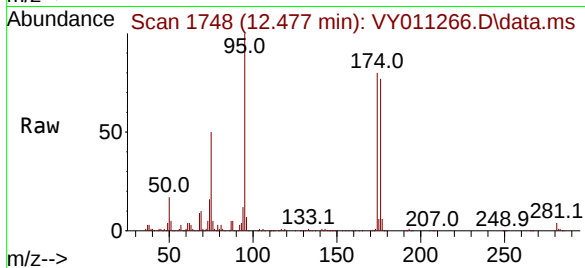
Tgt Ion: 95 Resp: 139220

Ion Ratio Lower Upper

95 100

174 82.9 0.0 177.0

176 79.5 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY011266.D

Acq: 02 Nov 2022 16:34

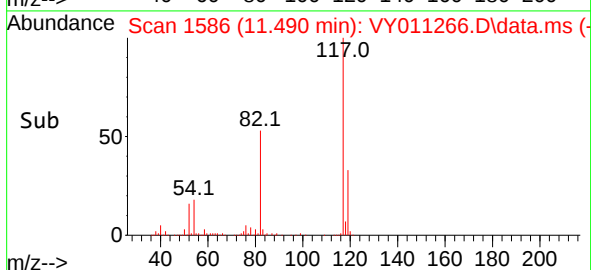
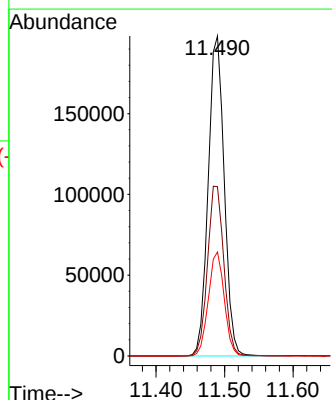
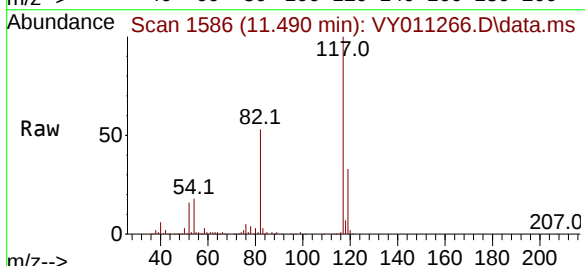
Tgt Ion: 117 Resp: 322441

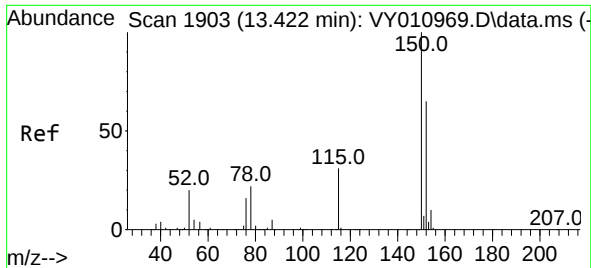
Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

119 32.5 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: VY011266.D

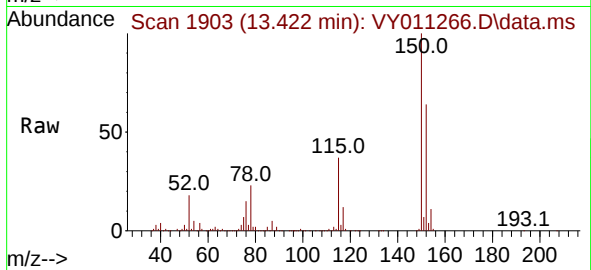
Acq: 02 Nov 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

S-7-103122



Tgt Ion:152 Resp: 107373

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 156.3 0.0 347.6

