

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011265.D
 Acq On : 02 Nov 2022 16:12
 Operator : KP/MD
 Sample : N5395-09
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-6-103122

Quant Time: Nov 03 05:17:31 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)

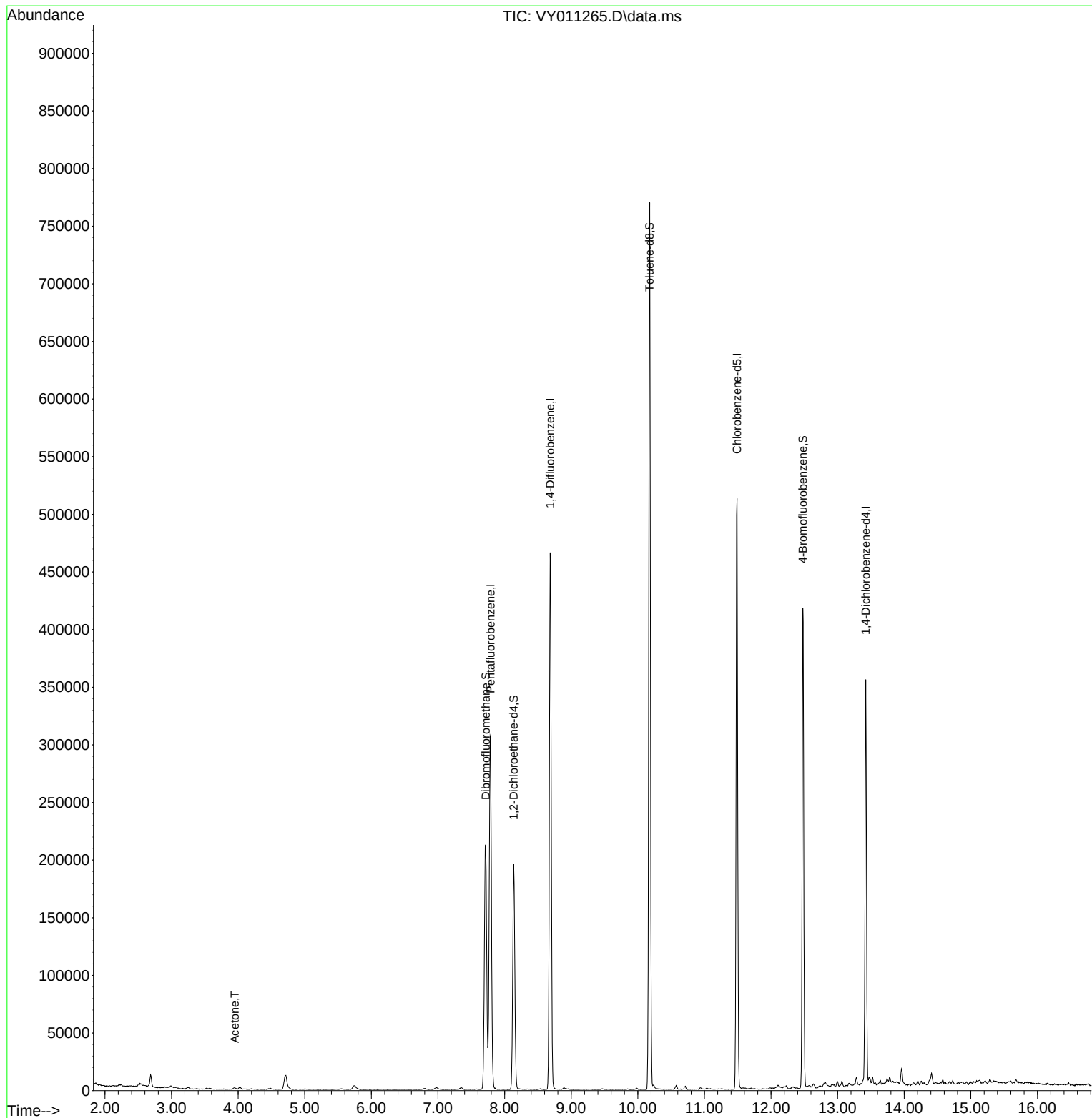
Internal Standards						
1) Pentafluorobenzene	7.789	168	247853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	413181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	297668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	148859	56.156	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.320%
35) Dibromofluoromethane	7.716	113	159915	60.239	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.480%
50) Toluene-d8	10.179	98	517803	50.238	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.477	95	132292	36.972	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.940%
Target Compounds						
16) Acetone	3.948	43	2566	3.207	ug/l	Qvalue # 83

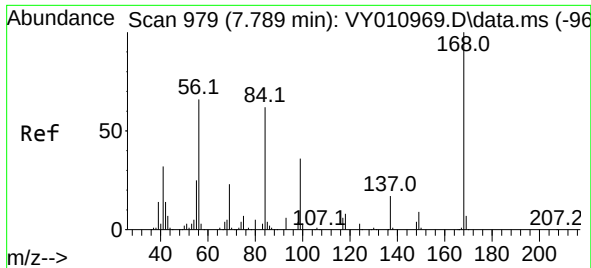
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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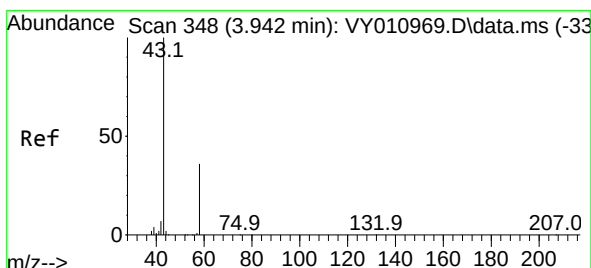
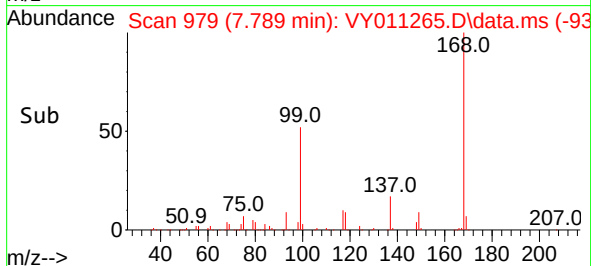
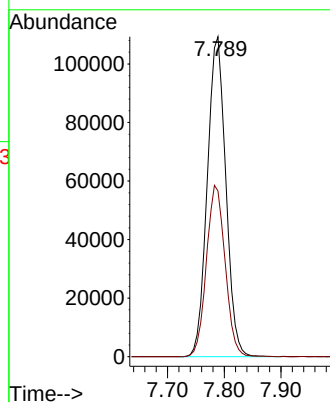
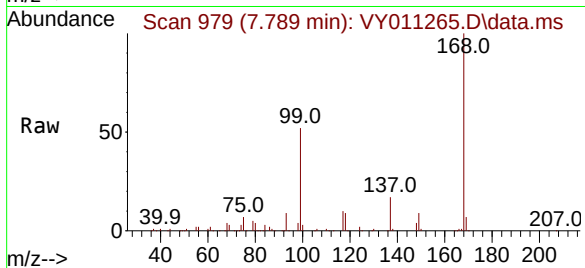




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

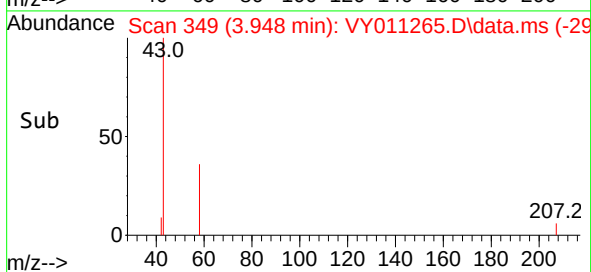
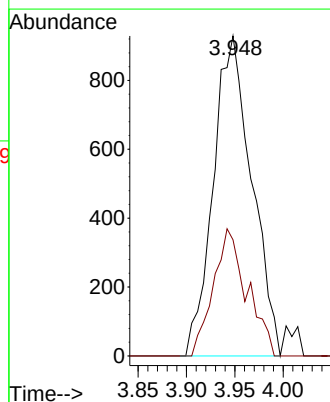
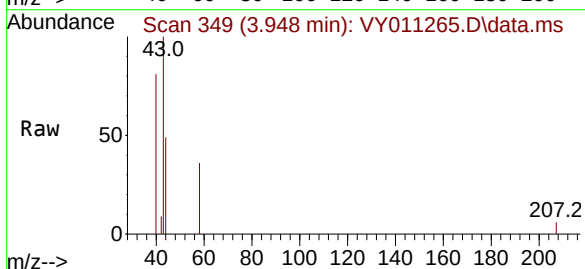
Instrument :
MSVOA_Y
ClientSampleId :
S-6-103122

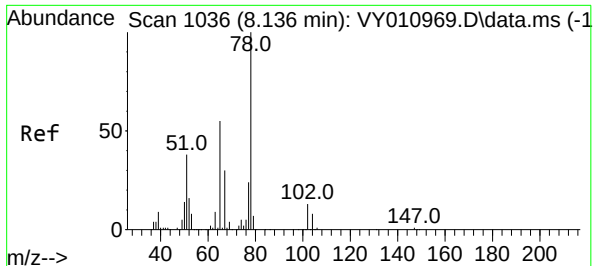
Tgt Ion:168 Resp: 247853
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#16
Acetone
Concen: 3.207 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

Tgt Ion: 43 Resp: 2566
Ion Ratio Lower Upper
43 100
58 36.3 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 56.156 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011265.D

Acq: 02 Nov 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

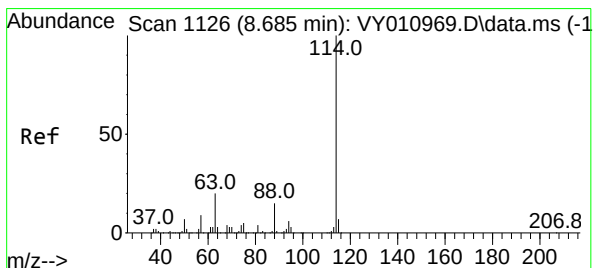
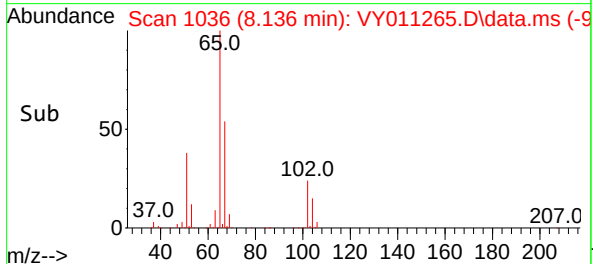
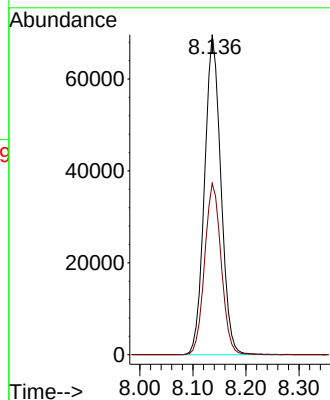
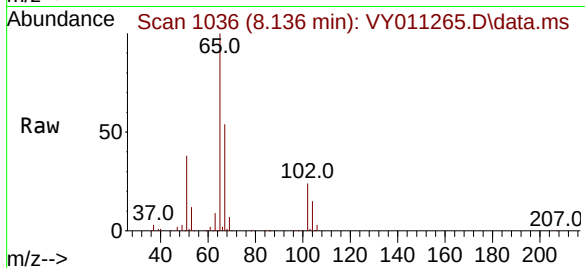
S-6-103122

Tgt Ion: 65 Resp: 148859

Ion Ratio Lower Upper

65 100

67 54.1 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: VY011265.D

Acq: 02 Nov 2022 16:12

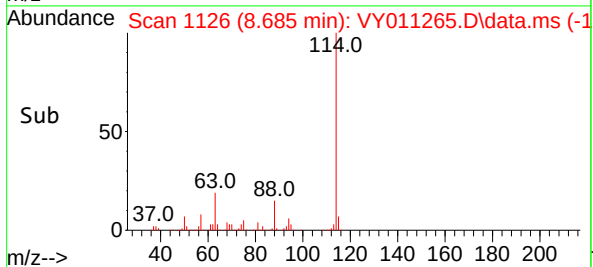
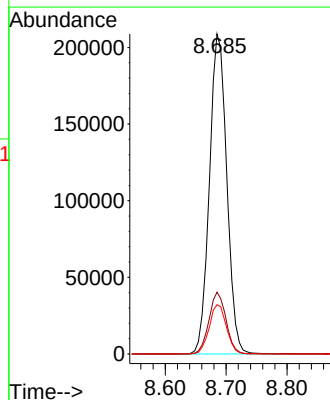
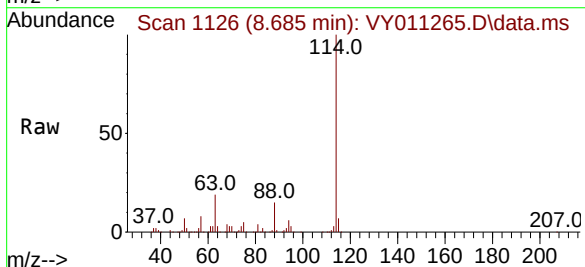
Tgt Ion: 114 Resp: 413181

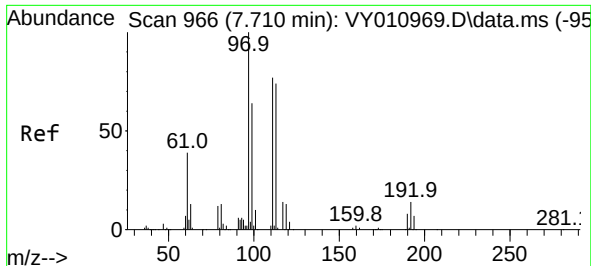
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.4 0.0 31.8

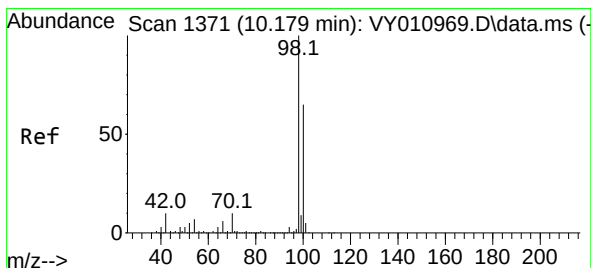
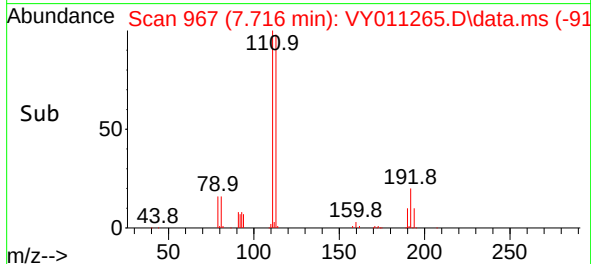
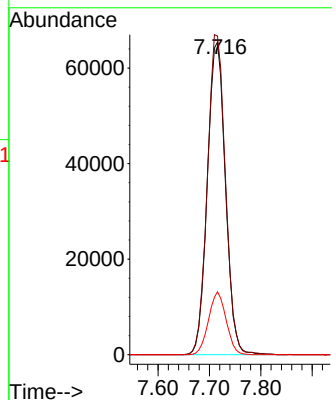
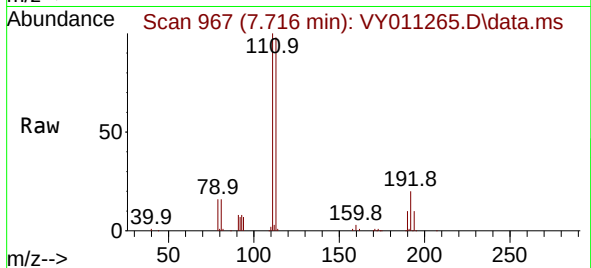




#35
Dibromofluoromethane
Concen: 60.239 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

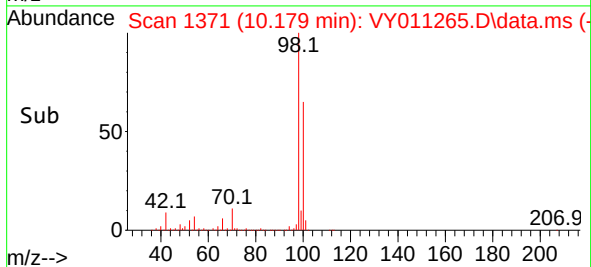
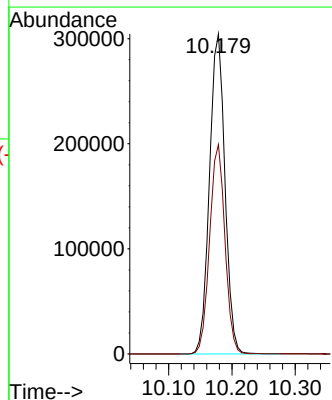
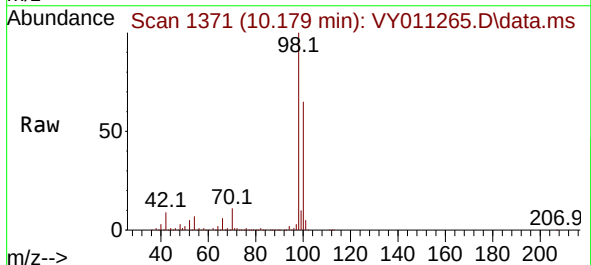
Instrument :
MSVOA_Y
ClientSampleId :
S-6-103122

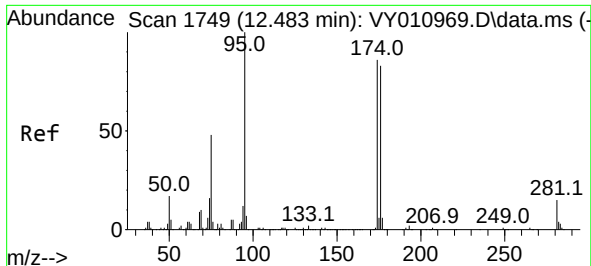
Tgt Ion:113 Resp: 159915
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.5 17.6 26.4



#50
Toluene-d8
Concen: 50.238 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011265.D
Acq: 02 Nov 2022 16:12

Tgt Ion: 98 Resp: 517803
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 36.972 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011265.D

Acq: 02 Nov 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

S-6-103122

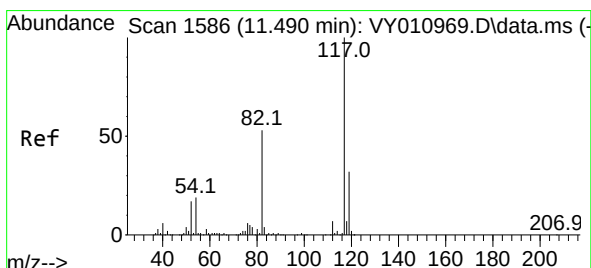
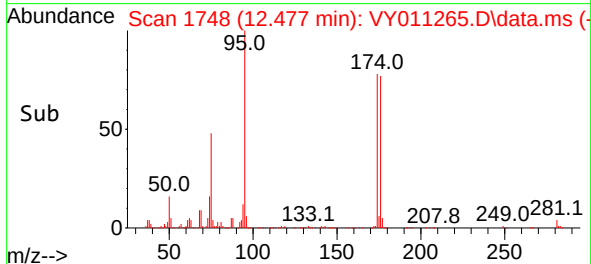
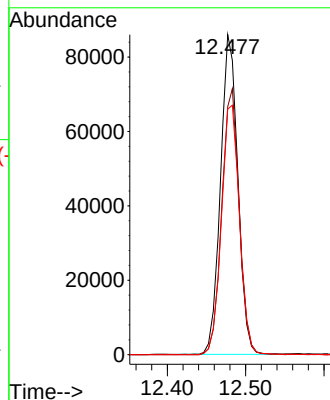
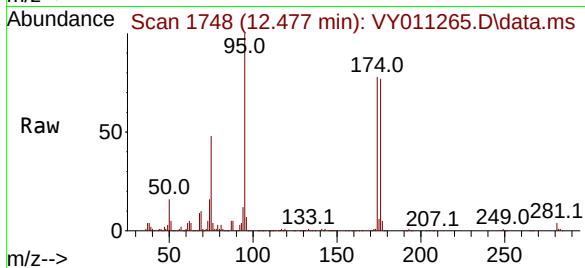
Tgt Ion: 95 Resp: 132292

Ion Ratio Lower Upper

95 100

174 83.7 0.0 177.0

176 81.1 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY011265.D

Acq: 02 Nov 2022 16:12

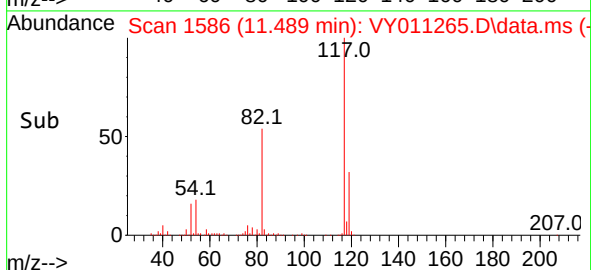
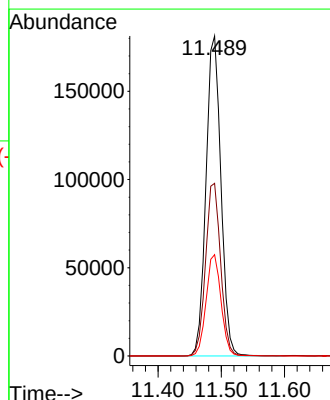
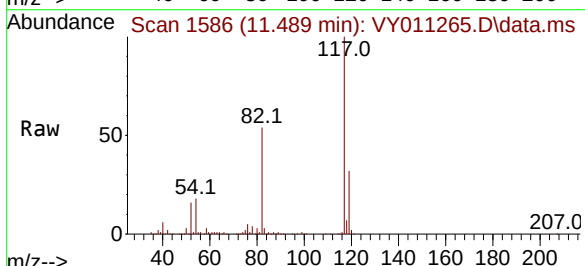
Tgt Ion: 117 Resp: 297668

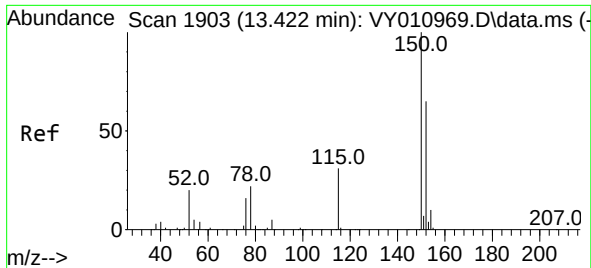
Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 31.6 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: VY011265.D
 Acq: 02 Nov 2022 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-6-103122

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.2	84.7
150	158.3	0.0	347.6

