

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010879.D
 Acq On : 07 Oct 2022 17:58
 Operator : KP/MD
 Sample : N5046-09
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-9

Quant Time: Oct 08 04:48:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

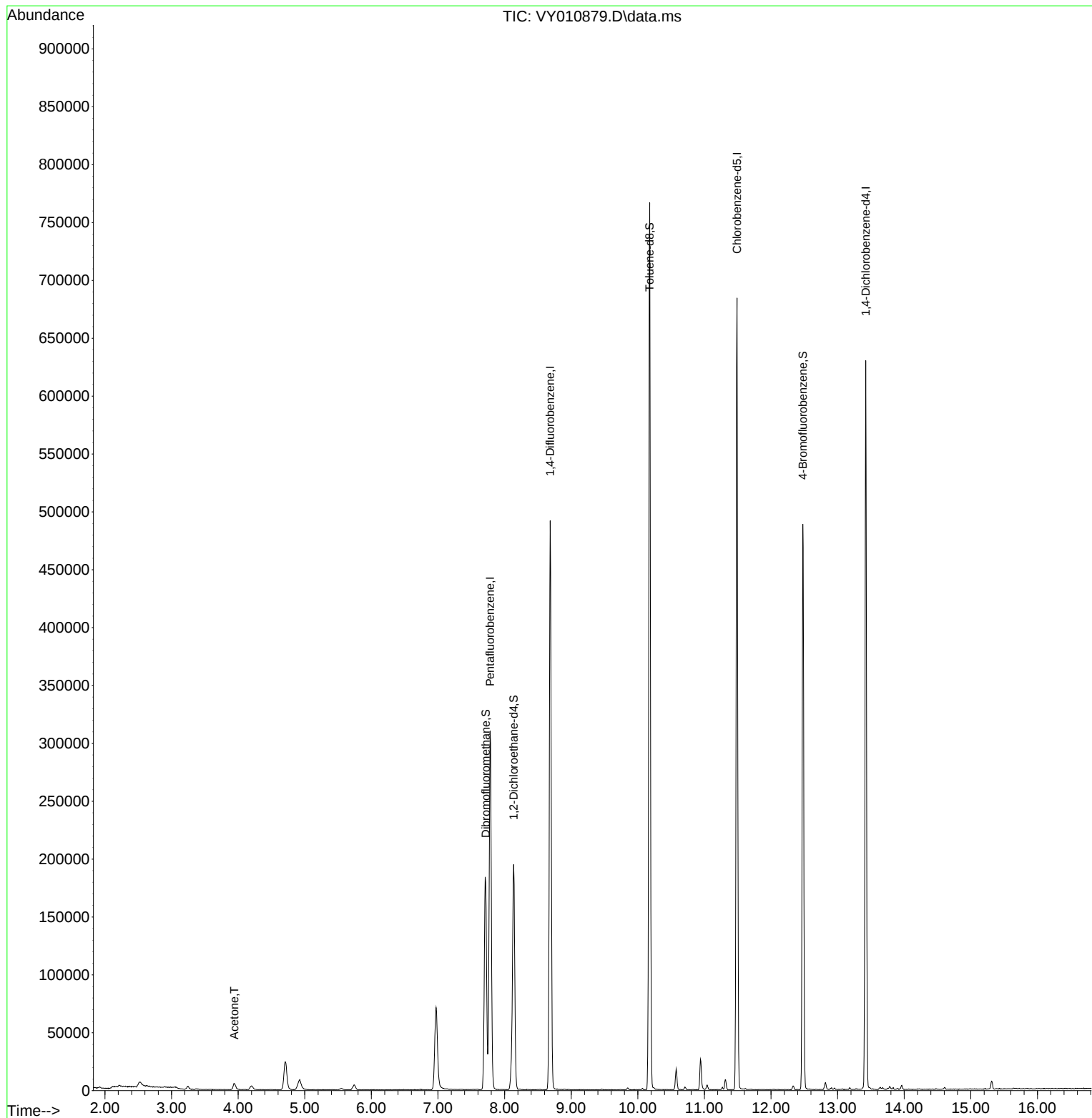
Internal Standards						
1) Pentafluorobenzene	7.783	168	236331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	421116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	365647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143398	59.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.720%
35) Dibromofluoromethane	7.716	113	135155	48.349	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.700%
50) Toluene-d8	10.179	98	495829	51.865	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.477	95	149006	39.093	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.180%
Target Compounds						
16) Acetone	3.942	43	9652	15.865	ug/l	Qvalue 99

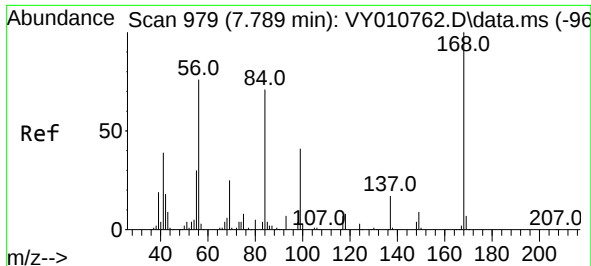
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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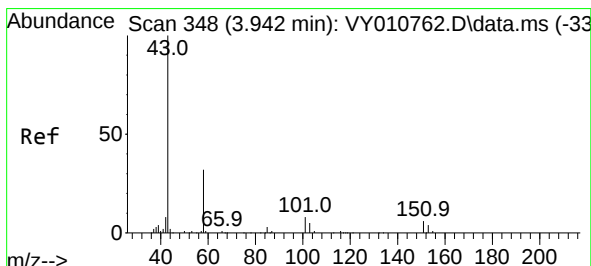
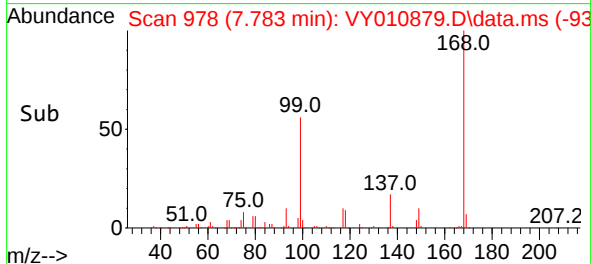
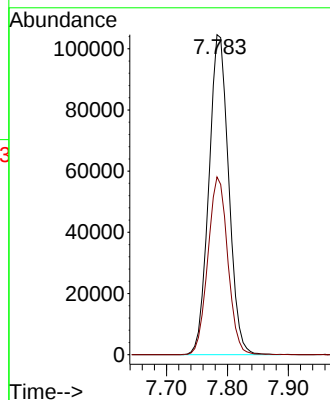
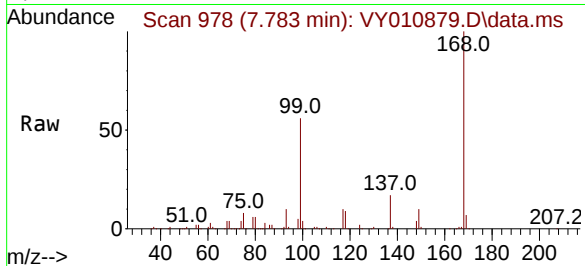




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

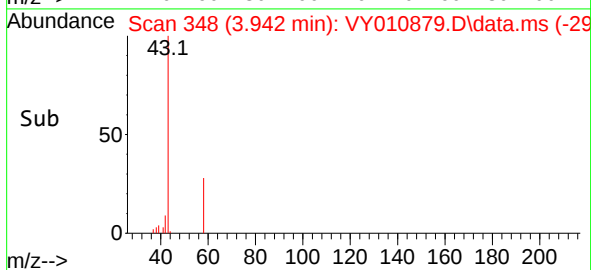
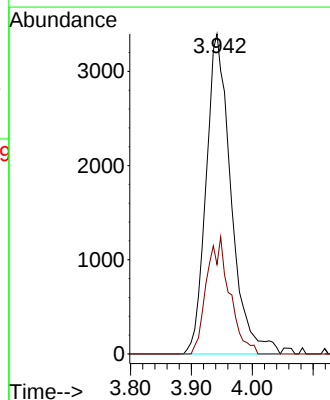
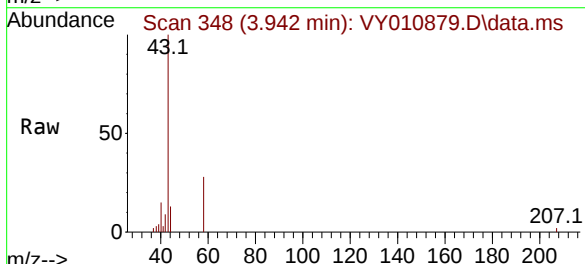
Instrument :
MSVOA_Y
ClientSampleId :
R-9

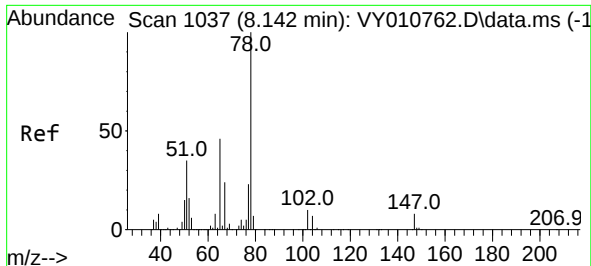
Tgt Ion:168 Resp: 236331
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#16
Acetone
Concen: 15.865 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

Tgt Ion: 43 Resp: 9652
Ion Ratio Lower Upper
43 100
58 28.0 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 59.861 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010879.D

Acq: 07 Oct 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

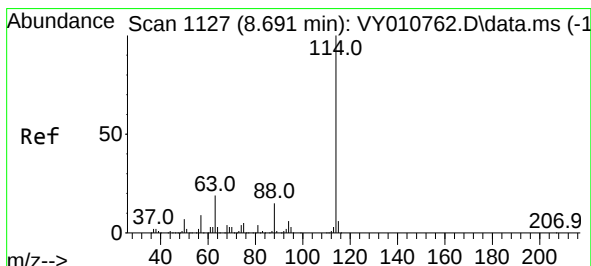
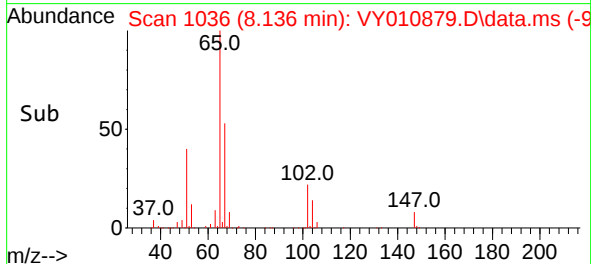
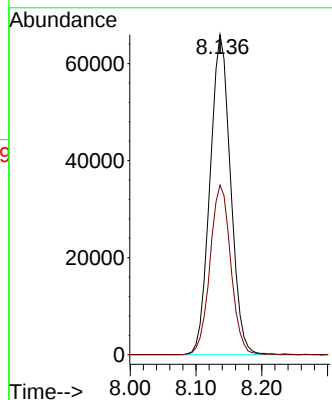
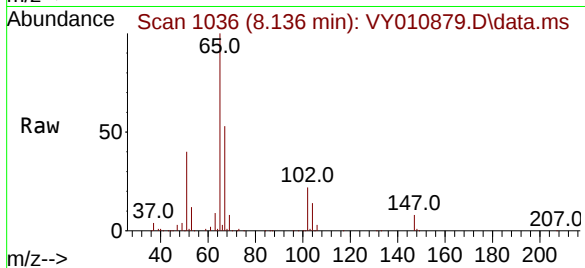
R-9

Tgt Ion: 65 Resp: 143398

Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010879.D

Acq: 07 Oct 2022 17:58

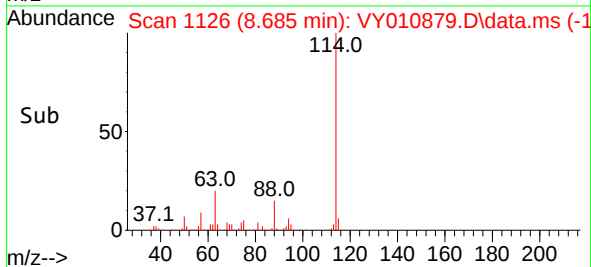
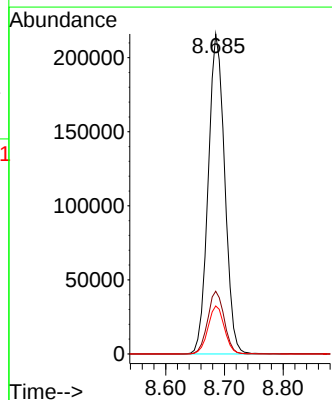
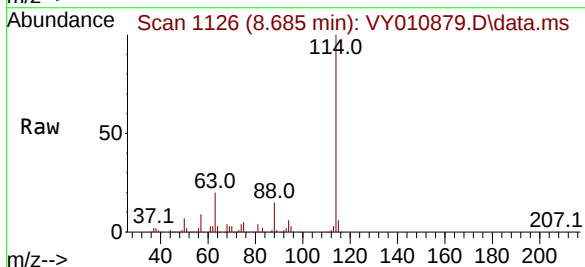
Tgt Ion: 114 Resp: 421116

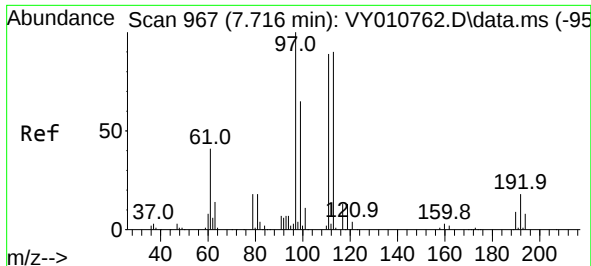
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.0 0.0 31.8

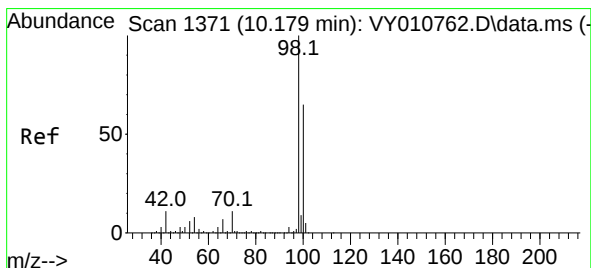
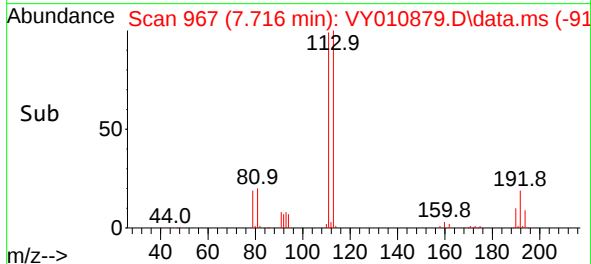
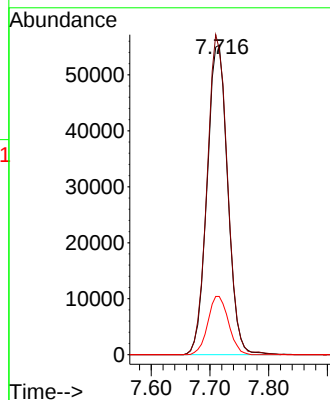
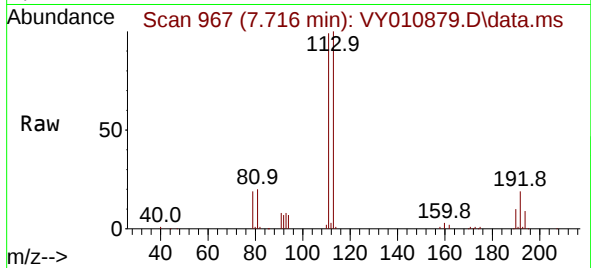




#35
Dibromofluoromethane
Concen: 48.349 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

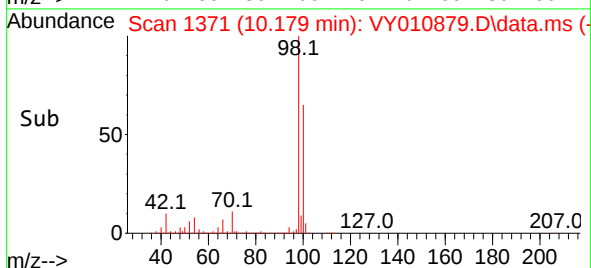
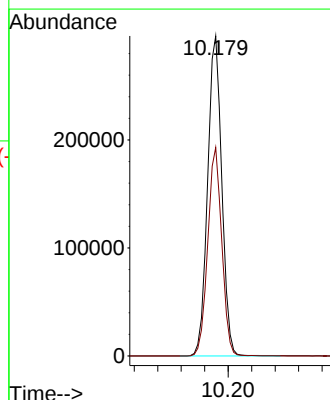
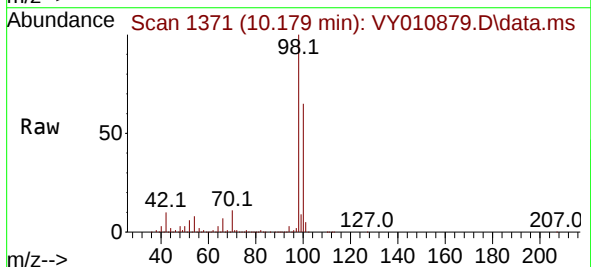
Instrument :
MSVOA_Y
ClientSampleId :
R-9

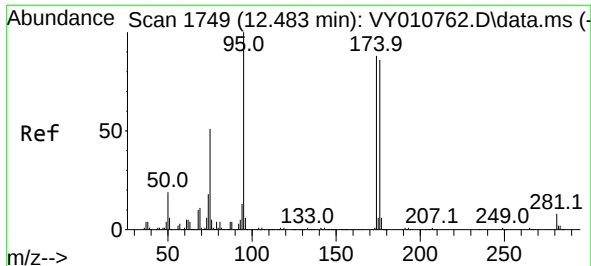
Tgt Ion:113 Resp: 135155
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 18.8 17.6 26.4



#50
Toluene-d8
Concen: 51.865 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010879.D
Acq: 07 Oct 2022 17:58

Tgt Ion: 98 Resp: 495829
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 39.093 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010879.D

Acq: 07 Oct 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

R-9

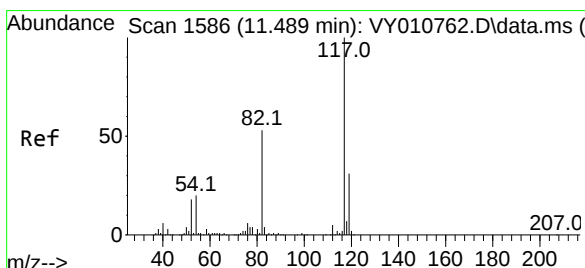
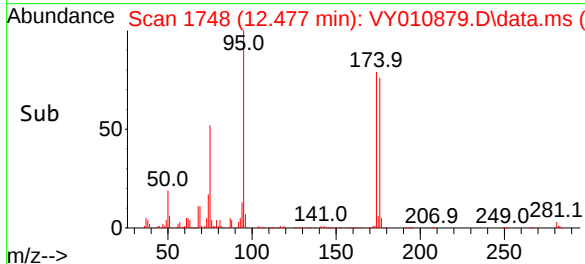
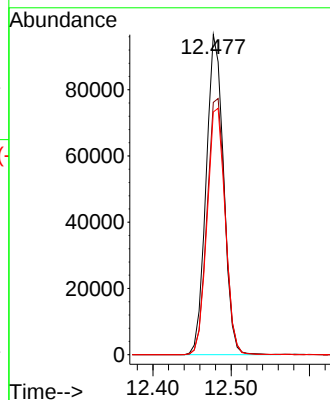
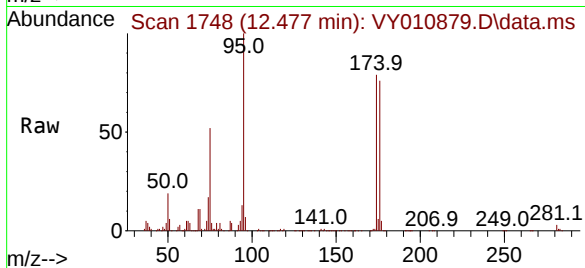
Tgt Ion: 95 Resp: 149006

Ion Ratio Lower Upper

95 100

174 83.4 0.0 177.0

176 79.9 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY010879.D

Acq: 07 Oct 2022 17:58

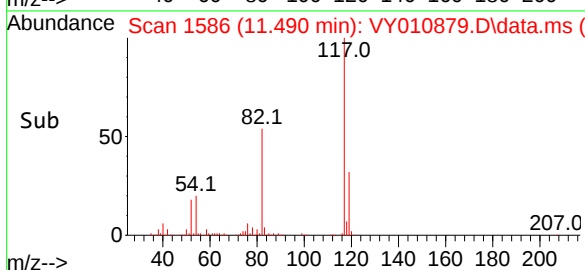
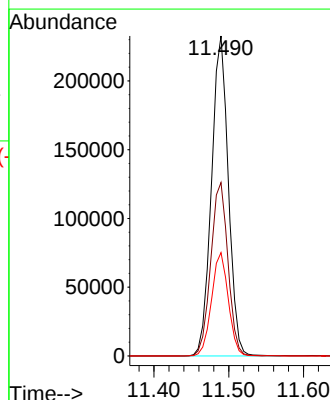
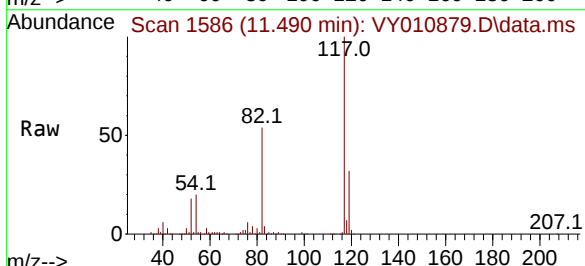
Tgt Ion: 117 Resp: 365647

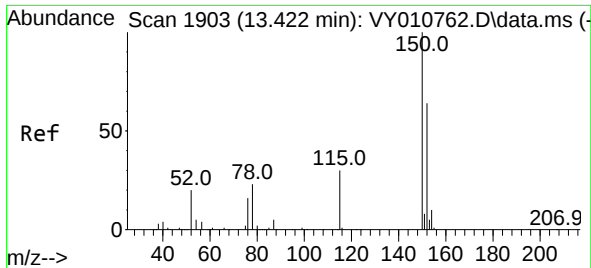
Ion Ratio Lower Upper

117 100

82 54.2 43.0 64.4

119 32.3 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: VY010879.D

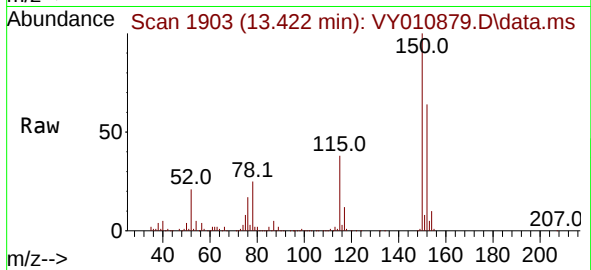
Acq: 07 Oct 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

R-9



Tgt Ion:152 Resp: 156861

Ion Ratio Lower Upper

152 100

115 59.0 28.2 84.7

150 157.6 0.0 347.6

