

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010881.D
 Acq On : 07 Oct 2022 18:43
 Operator : KP/MD
 Sample : N5046-12
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-12

Quant Time: Oct 08 04:48:40 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	7.789	168	212506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	381204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	335679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141275	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123446	57.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.620%
35) Dibromofluoromethane	7.716	113	119296	47.144	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.280%
50) Toluene-d8	10.179	98	433962	50.147	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.300%
62) 4-Bromofluorobenzene	12.477	95	129779	37.463	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.920%

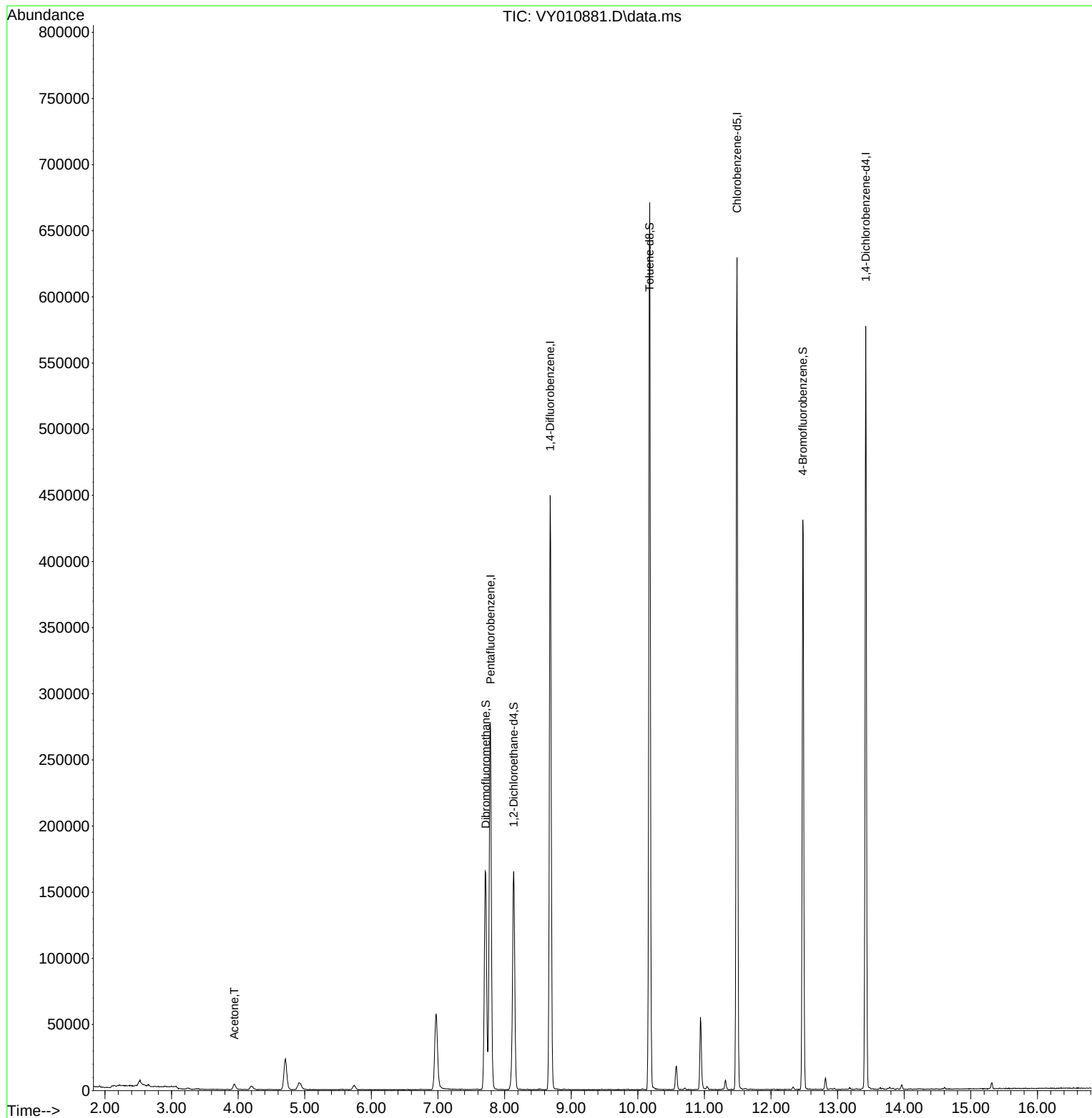
Target Compounds			Qvalue			
16) Acetone	3.942	43	7401	13.529	ug/l	# 89

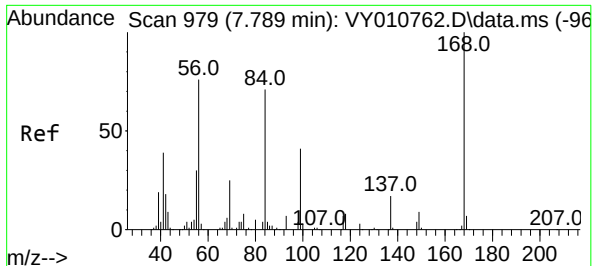
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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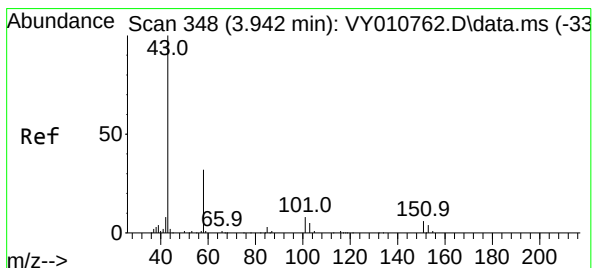
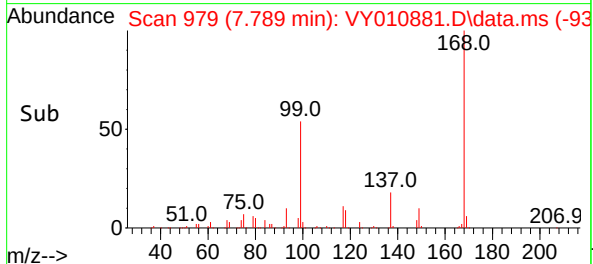
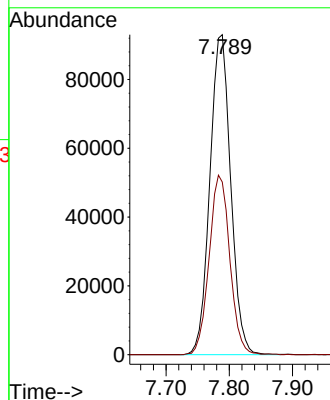
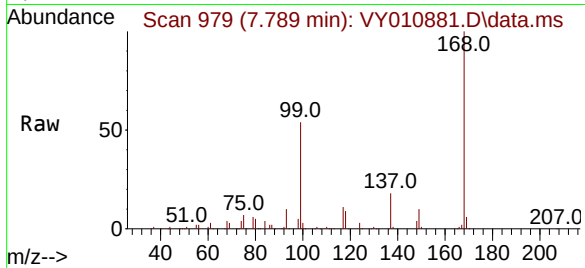




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010881.D
Acq: 07 Oct 2022 18:43

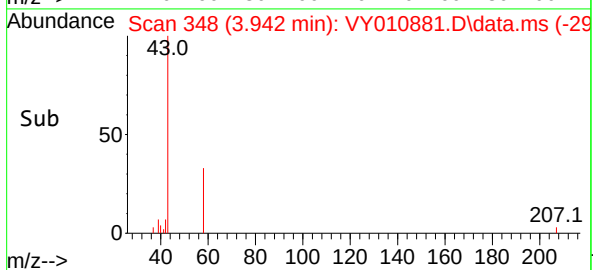
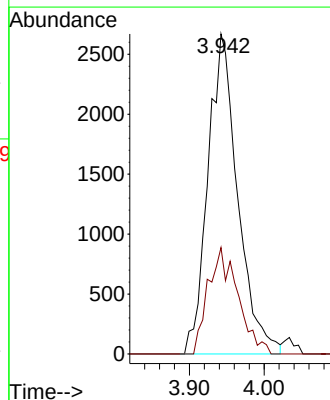
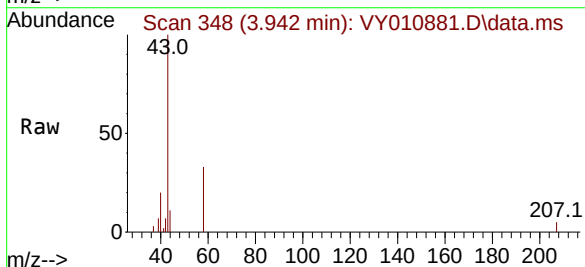
Instrument :
MSVOA_Y
ClientSampleId :
R-12

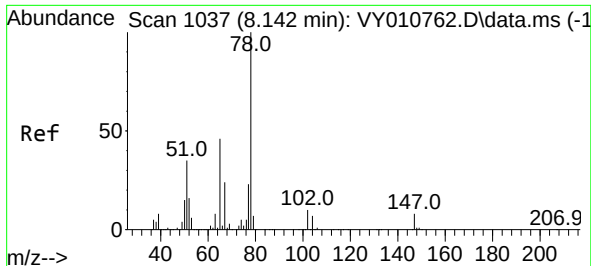
Tgt Ion:168 Resp: 212506
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#16
Acetone
Concen: 13.529 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010881.D
Acq: 07 Oct 2022 18:43

Tgt Ion: 43 Resp: 7401
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 57.310 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY010881.D

Acq: 07 Oct 2022 18:43

Instrument :

MSVOA_Y

ClientSampleId :

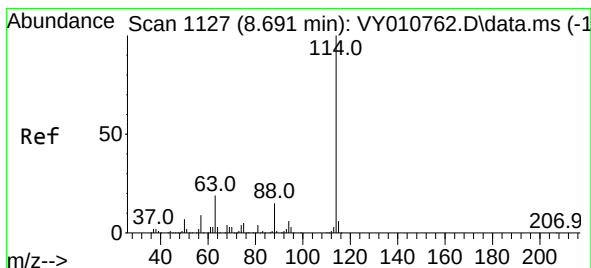
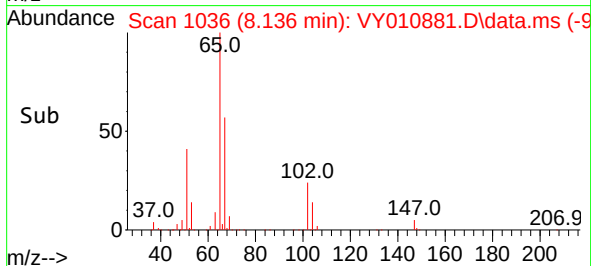
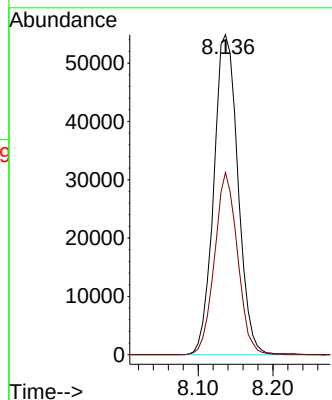
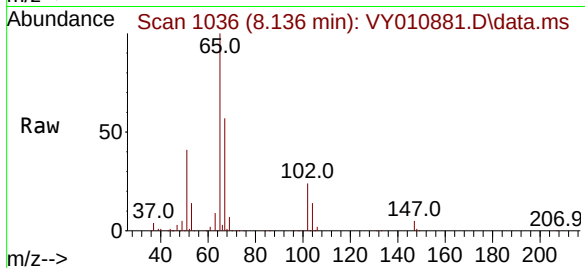
R-12

Tgt Ion: 65 Resp: 123446

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. -0.006 min

Lab File: VY010881.D

Acq: 07 Oct 2022 18:43

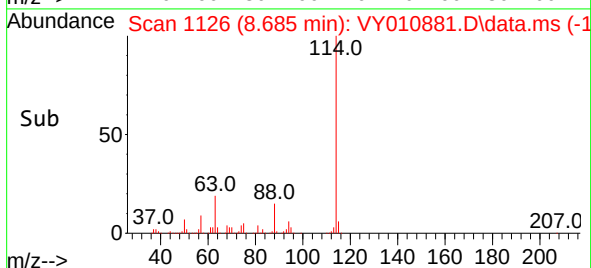
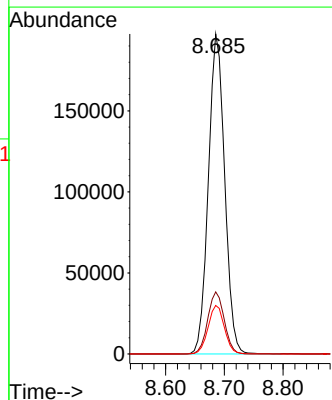
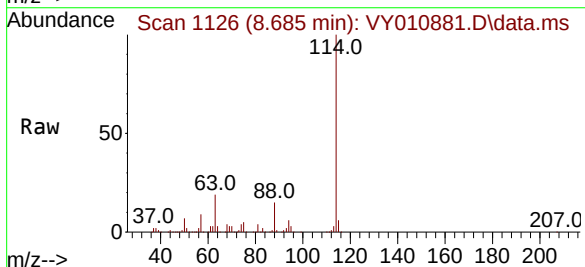
Tgt Ion: 114 Resp: 381204

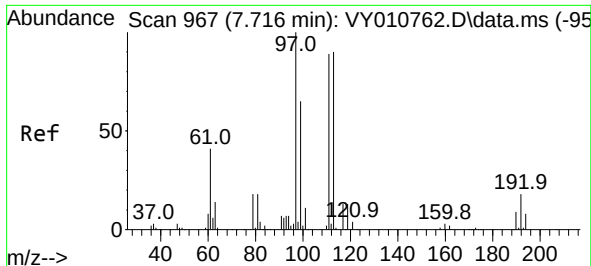
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.1 0.0 31.8

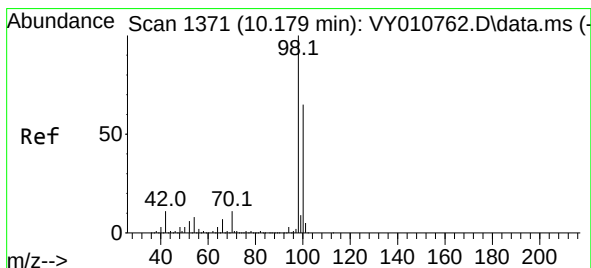
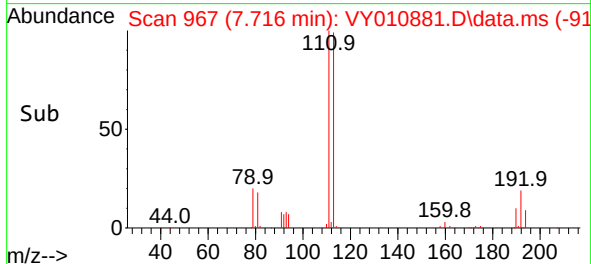
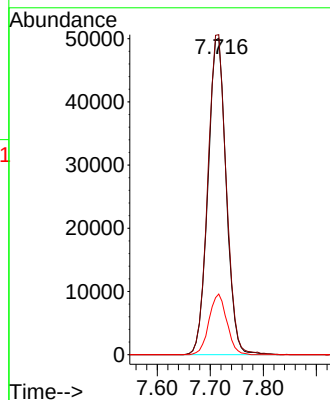
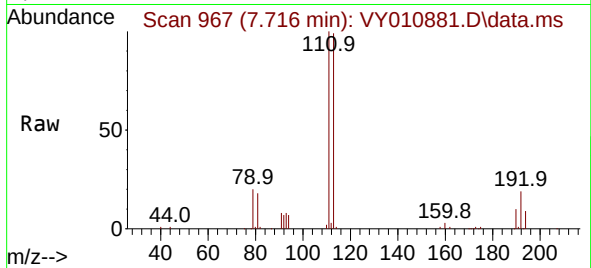




#35
Dibromofluoromethane
Concen: 47.144 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010881.D
Acq: 07 Oct 2022 18:43

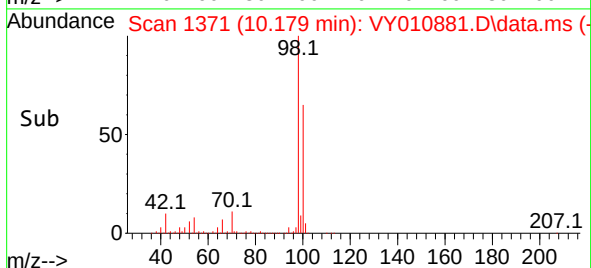
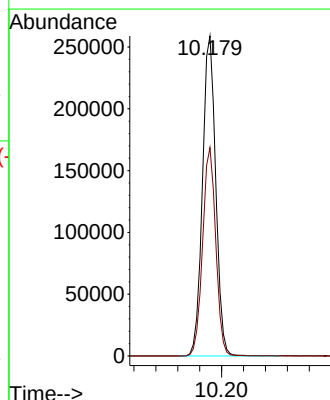
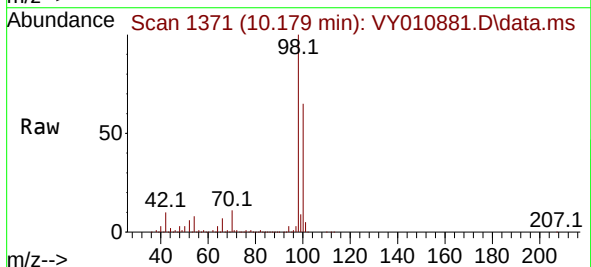
Instrument :
MSVOA_Y
ClientSampleId :
R-12

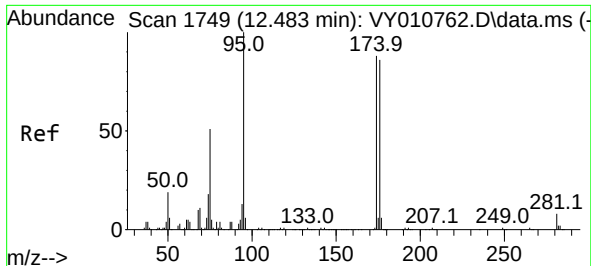
Tgt Ion:113 Resp: 119296
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 18.8 17.6 26.4



#50
Toluene-d8
Concen: 50.147 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010881.D
Acq: 07 Oct 2022 18:43

Tgt Ion: 98 Resp: 433962
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

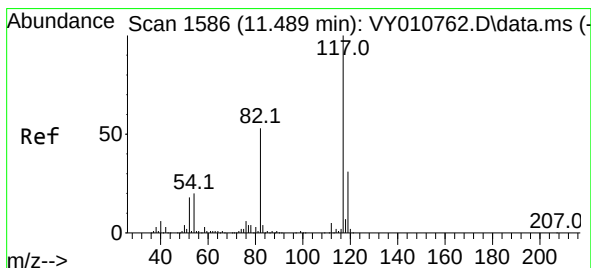
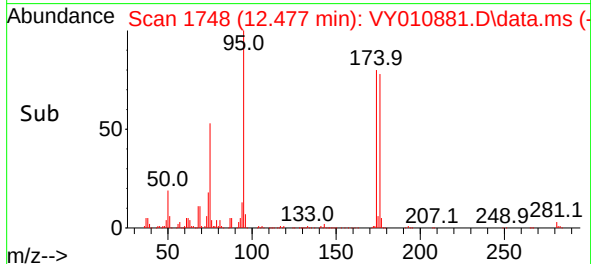
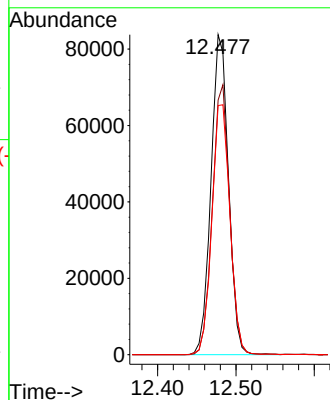
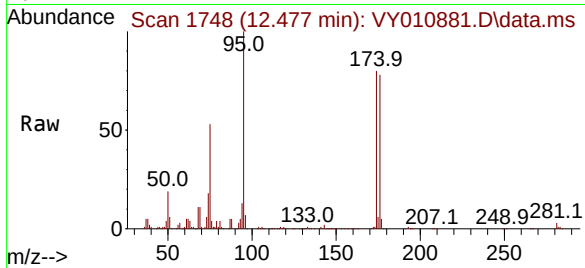




#62
4-Bromofluorobenzene
Concen: 37.463 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010881.D
Acq: 07 Oct 2022 18:43

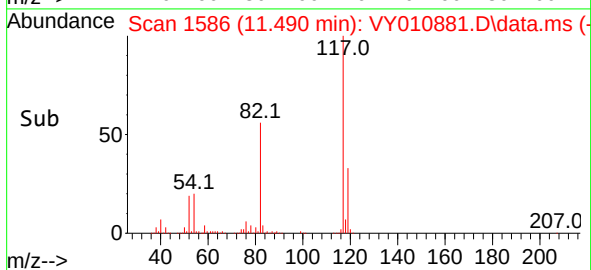
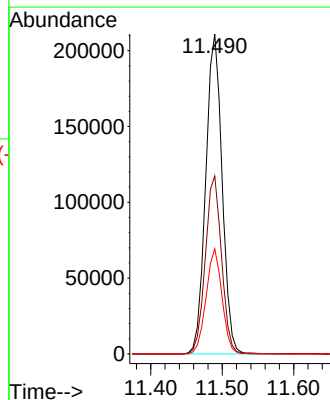
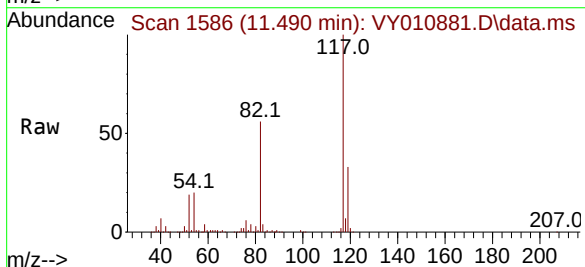
Instrument :
MSVOA_Y
ClientSampleId :
R-12

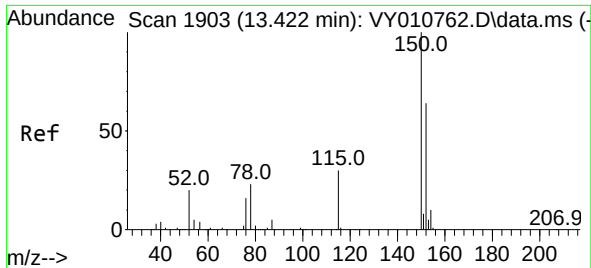
Tgt Ion: 95 Resp: 129779
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 80.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010881.D
Acq: 07 Oct 2022 18:43

Tgt Ion: 117 Resp: 335679
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 32.8 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: VY010881.D

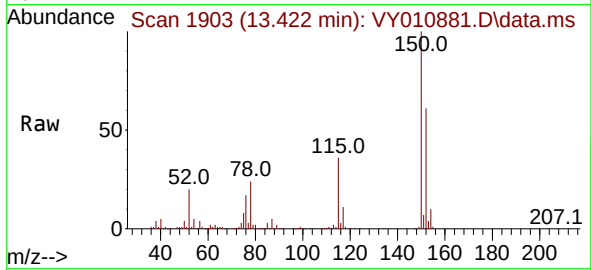
Acq: 07 Oct 2022 18:43

Instrument :

MSVOA_Y

ClientSampleId :

R-12



Tgt Ion:152 Resp: 141275

Ion Ratio Lower Upper

152 100

115 59.1 28.2 84.7

150 160.4 0.0 347.6

