

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010871.D
 Acq On : 07 Oct 2022 14:57
 Operator : KP/MD
 Sample : N5046-10
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-10

Quant Time: Oct 08 04:47:18 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)

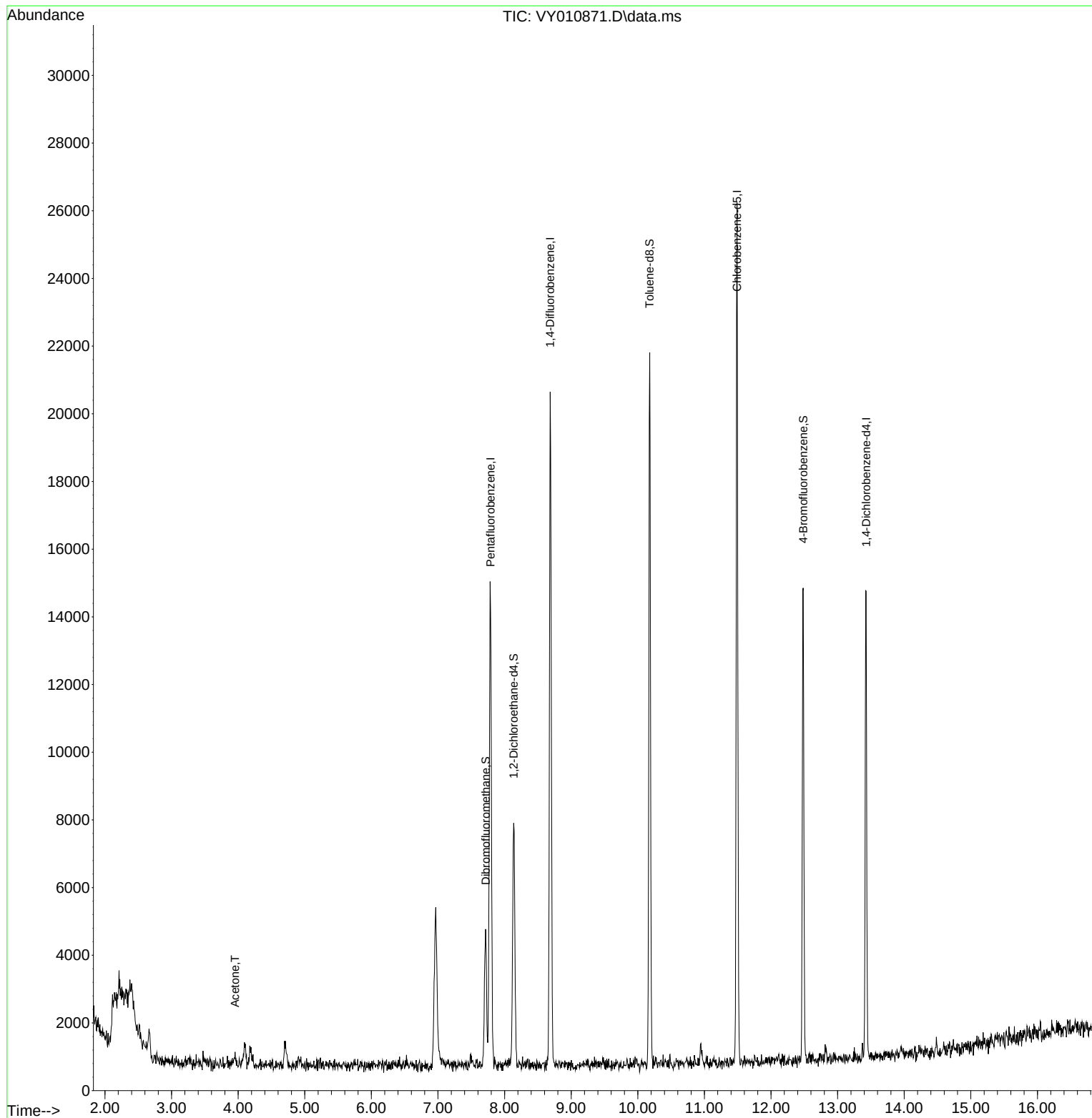
Internal Standards						
1) Pentafluorobenzene	7.789	168	10979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	17702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5692	51.148	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.300%
35) Dibromofluoromethane	7.715	113	3162	26.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	53.820%#
50) Toluene-d8	10.178	98	14689	36.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.100%
62) 4-Bromofluorobenzene	12.483	95	4525	27.139	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	54.280%
Target Compounds						
16) Acetone	3.954	43	488	17.266	ug/l	Qvalue # 88

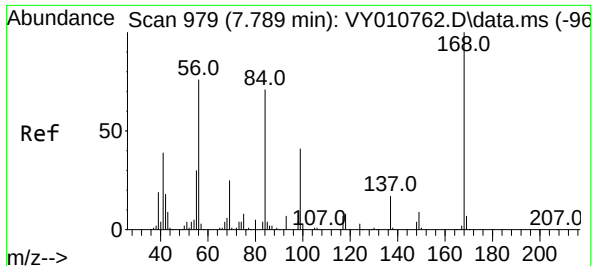
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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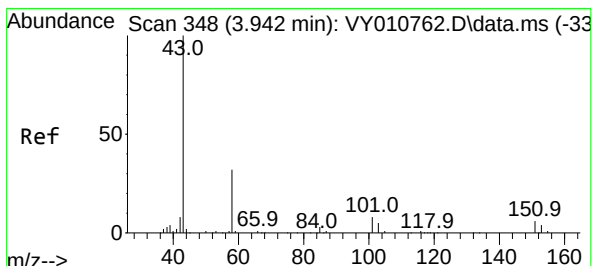
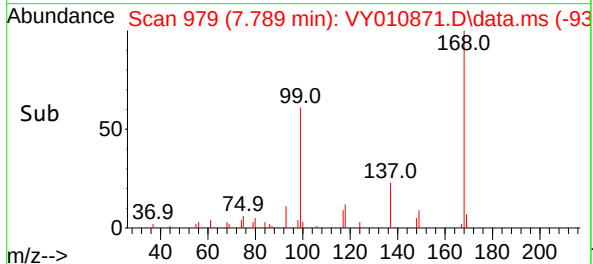
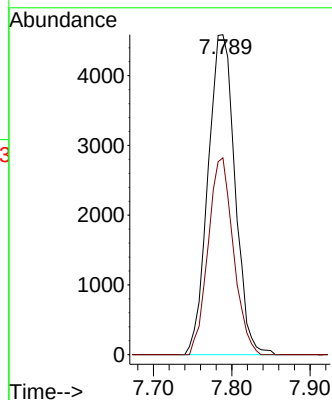
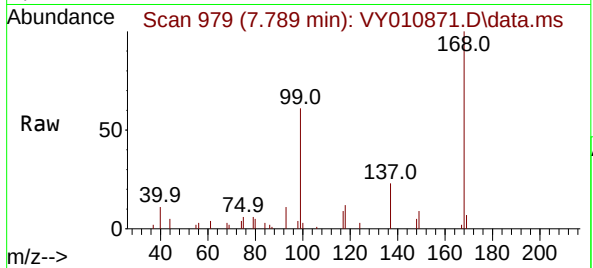




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010871.D
Acq: 07 Oct 2022 14:57

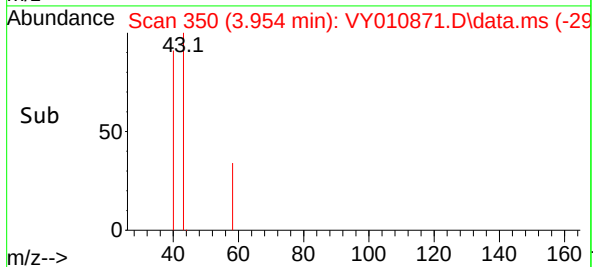
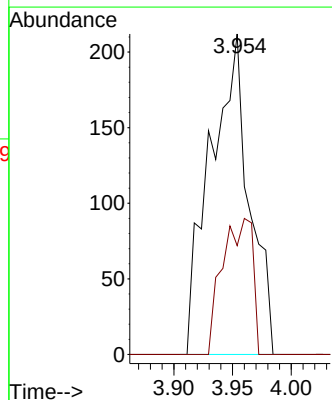
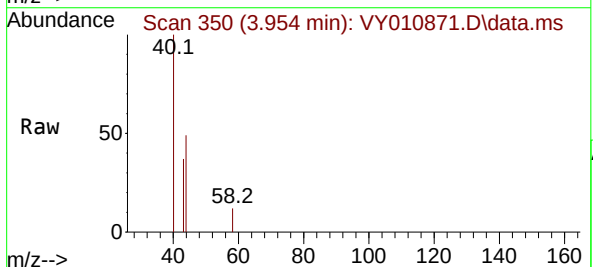
Instrument :
MSVOA_Y
ClientSampleId :
R-10

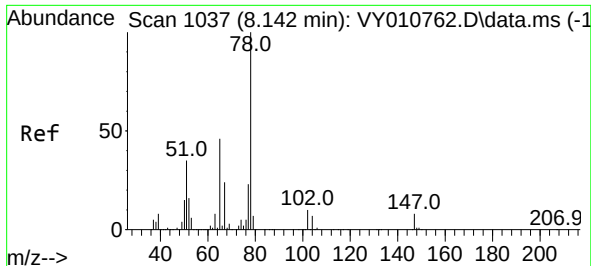
Tgt Ion:168 Resp: 10979
Ion Ratio Lower Upper
168 100
99 61.5 46.9 70.3



#16
Acetone
Concen: 17.266 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY010871.D
Acq: 07 Oct 2022 14:57

Tgt Ion: 43 Resp: 488
Ion Ratio Lower Upper
43 100
58 34.0 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 51.148 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY010871.D

Acq: 07 Oct 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

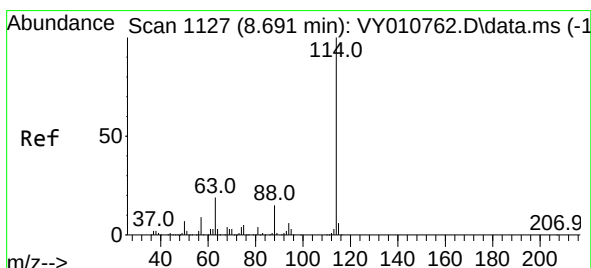
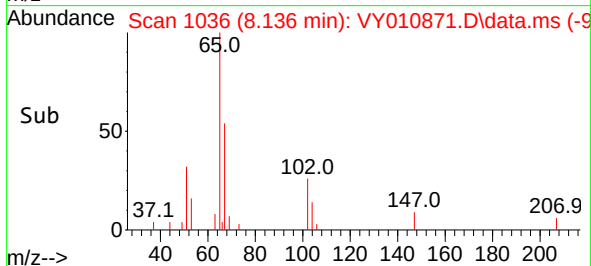
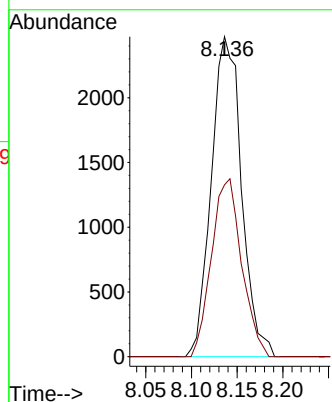
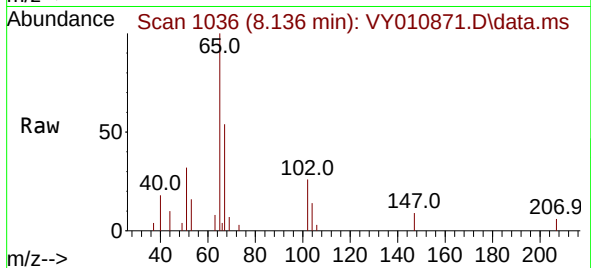
R-10

Tgt Ion: 65 Resp: 5692

Ion Ratio Lower Upper

65 100

67 55.5 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: VY010871.D

Acq: 07 Oct 2022 14:57

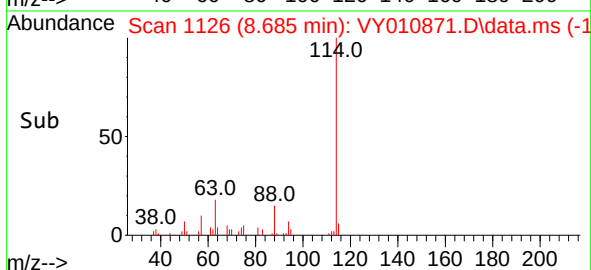
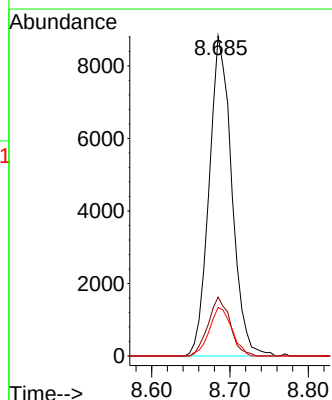
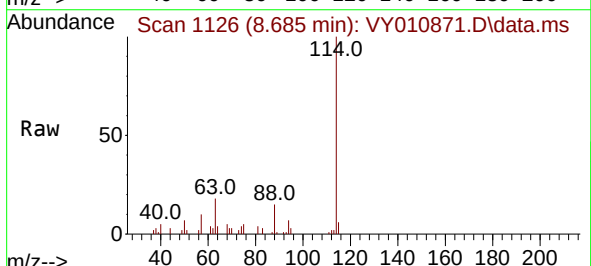
Tgt Ion: 114 Resp: 17702

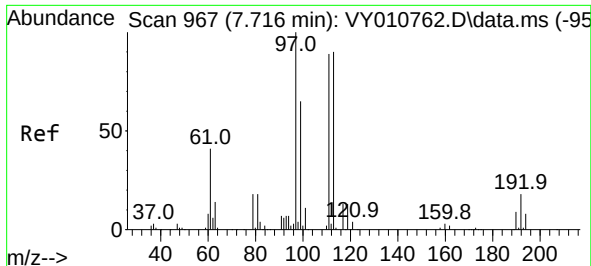
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.1 0.0 31.8

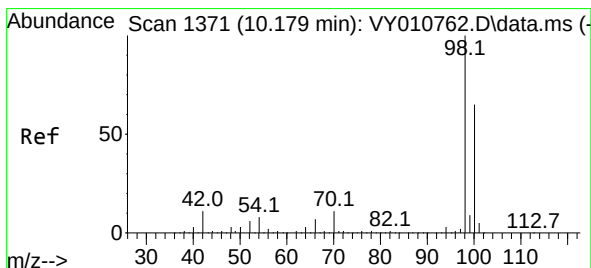
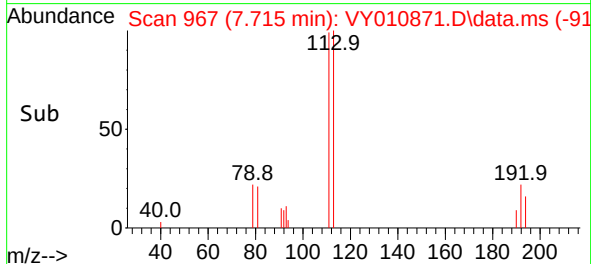
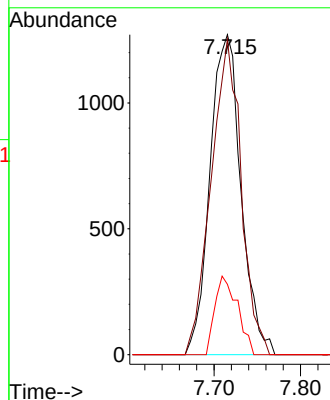
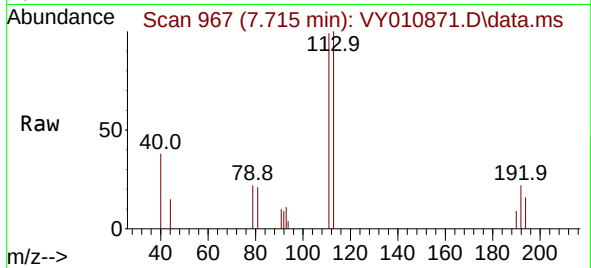




#35
Dibromofluoromethane
Concen: 26.909 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010871.D
Acq: 07 Oct 2022 14:57

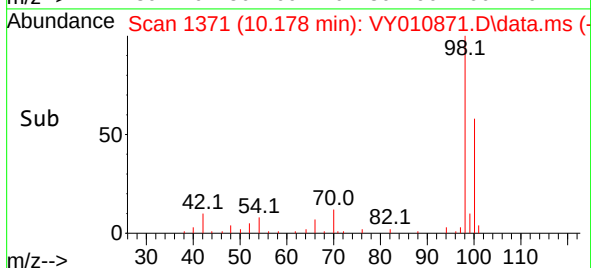
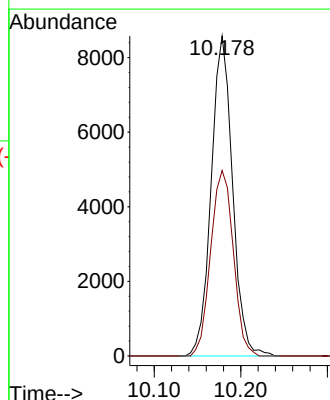
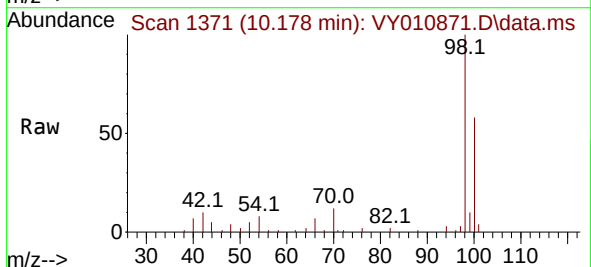
Instrument :
MSVOA_Y
ClientSampleId :
R-10

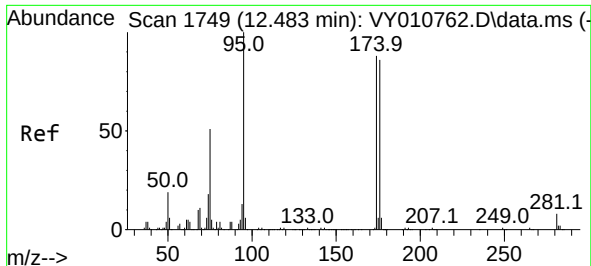
Tgt Ion:113 Resp: 3162
Ion Ratio Lower Upper
113 100
111 95.4 82.6 124.0
192 17.9 17.6 26.4



#50
Toluene-d8
Concen: 36.552 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010871.D
Acq: 07 Oct 2022 14:57

Tgt Ion: 98 Resp: 14689
Ion Ratio Lower Upper
98 100
100 61.3 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 27.139 ug/l

RT: 12.483 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010871.D

Acq: 07 Oct 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

R-10

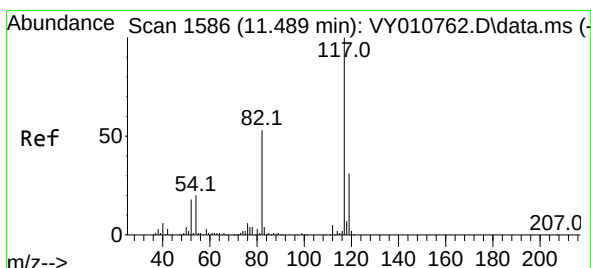
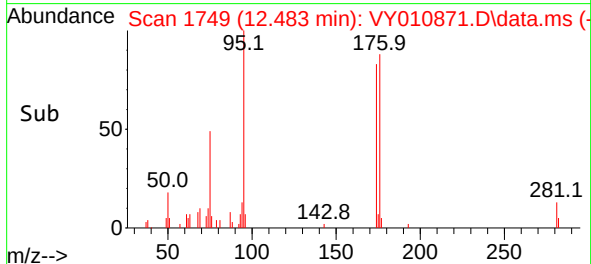
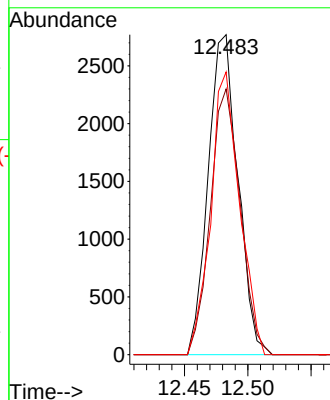
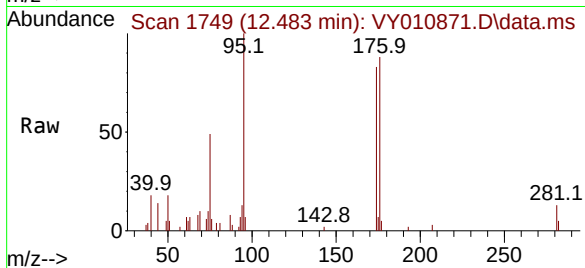
Tgt Ion: 95 Resp: 4525

Ion Ratio Lower Upper

95 100

174 83.4 0.0 177.0

176 85.5 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY010871.D

Acq: 07 Oct 2022 14:57

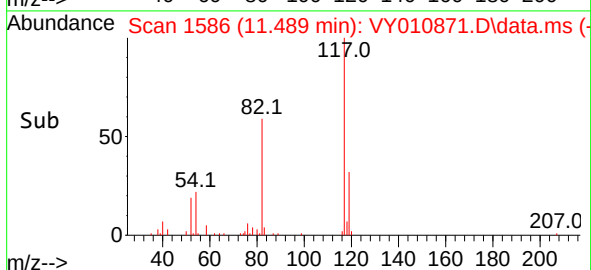
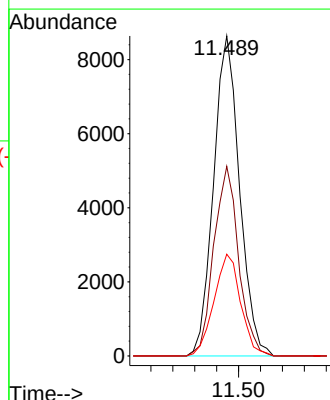
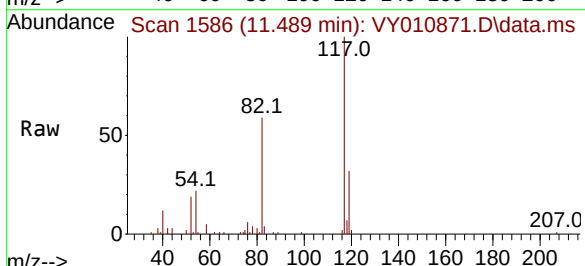
Tgt Ion: 117 Resp: 14219

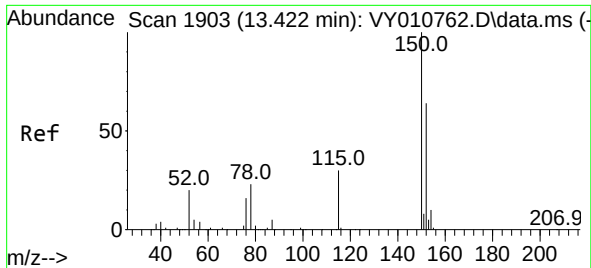
Ion Ratio Lower Upper

117 100

82 59.3 43.0 64.4

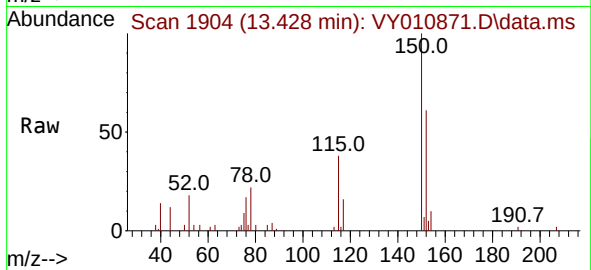
119 31.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY010871.D
 Acq: 07 Oct 2022 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-10



Tgt Ion:152 Resp: 3953
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.2 84.7
 150 158.0 0.0 347.6

