

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019181.D
 Acq On : 21 Aug 2024 19:55
 Operator : SY/MD
 Sample : P3643-11RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 921-J-SD-0-0.5-081524RE

Quant Time: Aug 22 01:18:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

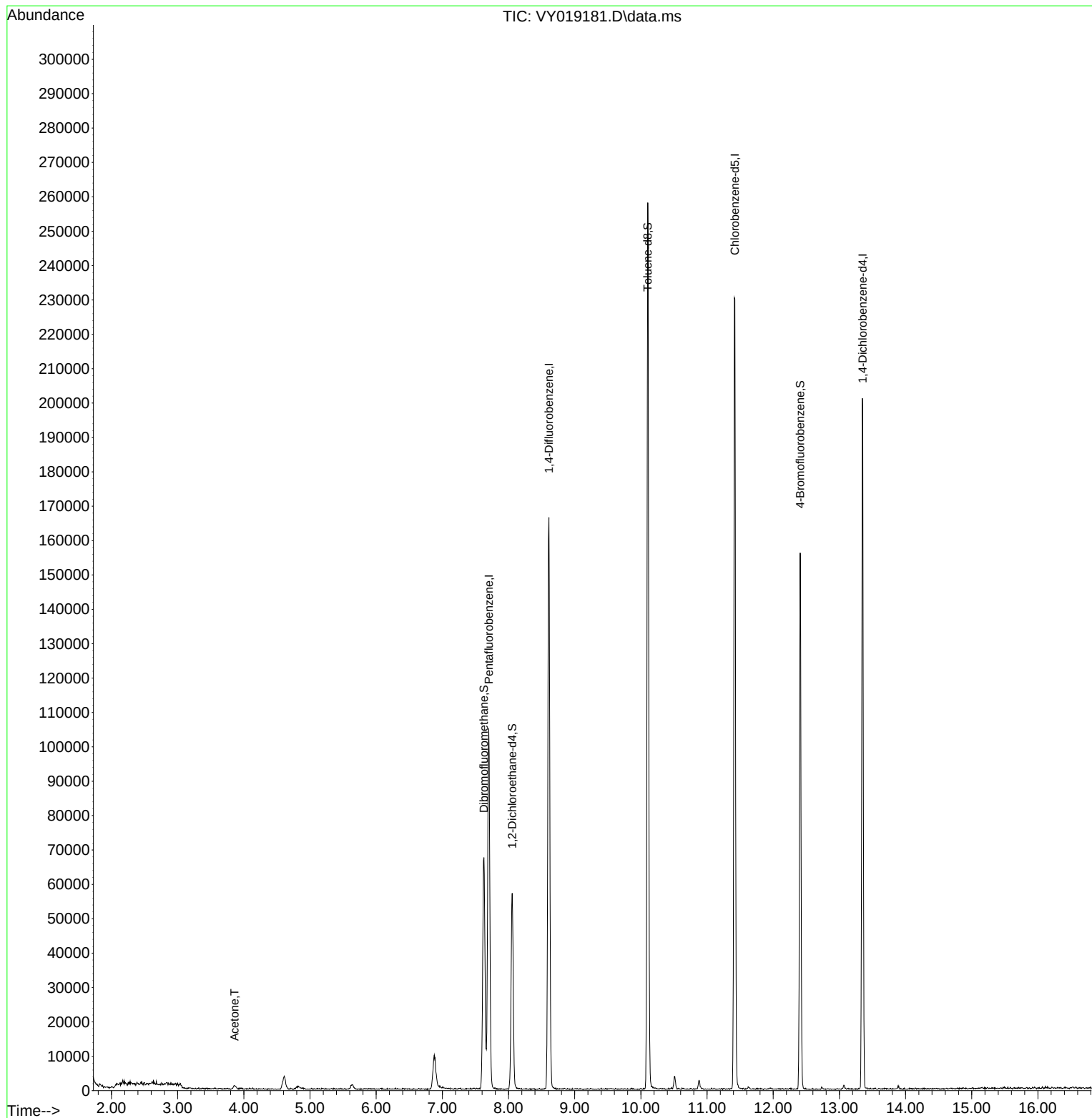
Internal Standards						
1) Pentafluorobenzene	7.701	168	83278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	148447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	129201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	49896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	46089	55.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.420%
35) Dibromofluoromethane	7.628	113	48791	50.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.540%
50) Toluene-d8	10.103	98	165581	47.404	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.800%
62) 4-Bromofluorobenzene	12.408	95	45207	37.965	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	75.940%
Target Compounds						
16) Acetone	3.860	43	1834	11.846	ug/l	Qvalue # 72

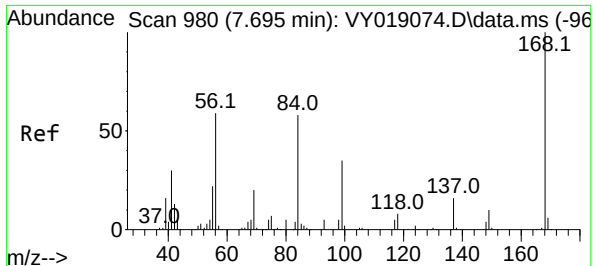
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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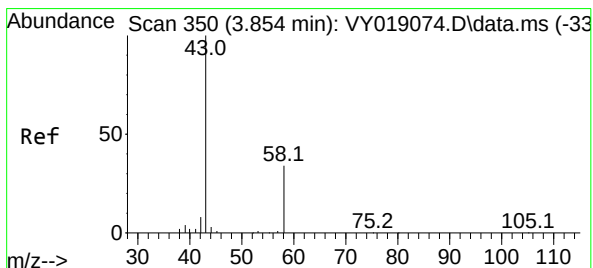
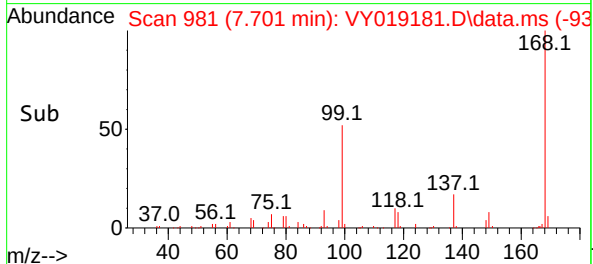
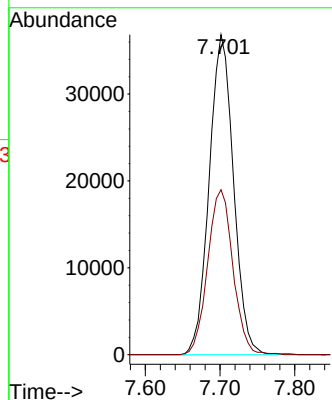
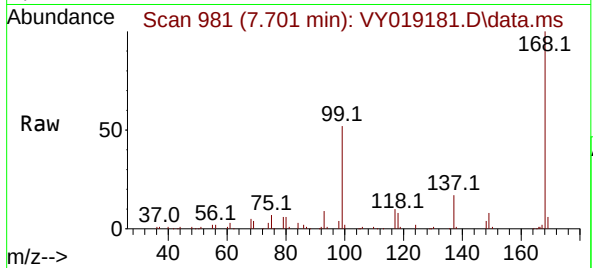




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019181.D
Acq: 21 Aug 2024 19:55

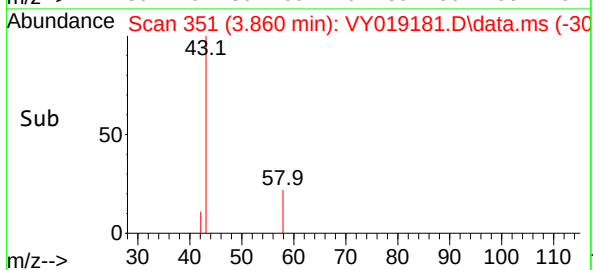
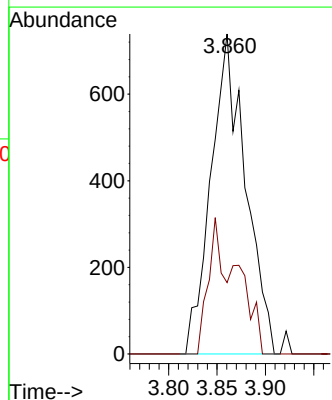
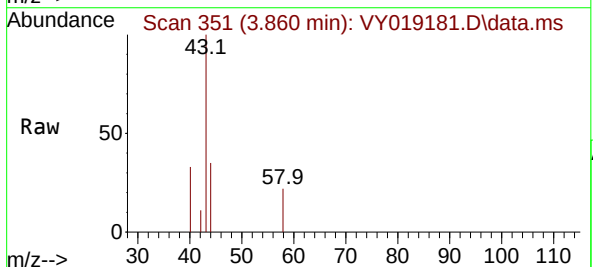
Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0-0.5-081524RE

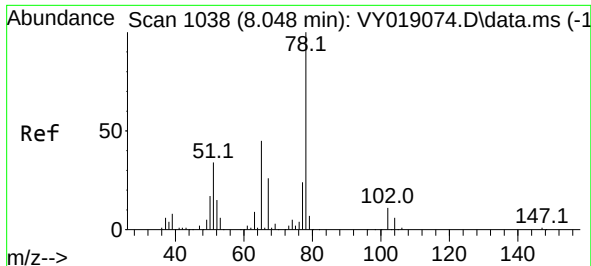
Tgt Ion:168 Resp: 83278
Ion Ratio Lower Upper
168 100
99 51.6 39.1 58.7



#16
Acetone
Concen: 11.846 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019181.D
Acq: 21 Aug 2024 19:55

Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
58 22.3 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 55.210 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019181.D

Acq: 21 Aug 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

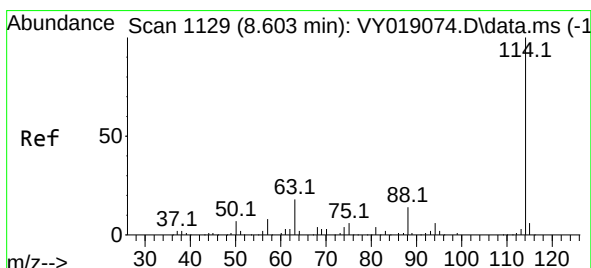
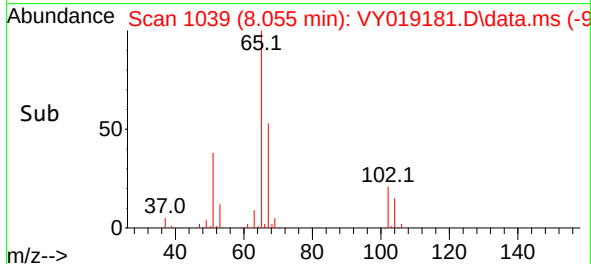
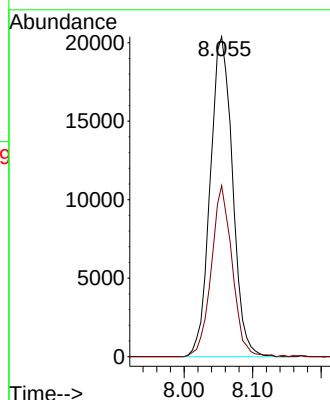
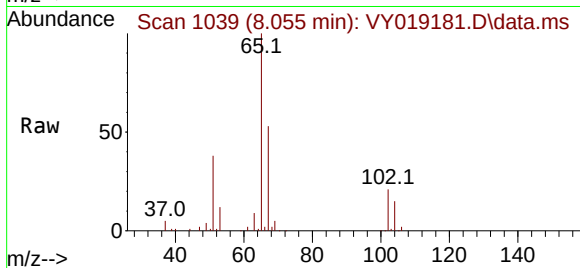
921-J-SD-0-0.5-081524RE

Tgt Ion: 65 Resp: 46089

Ion Ratio Lower Upper

65 100

67 49.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019181.D

Acq: 21 Aug 2024 19:55

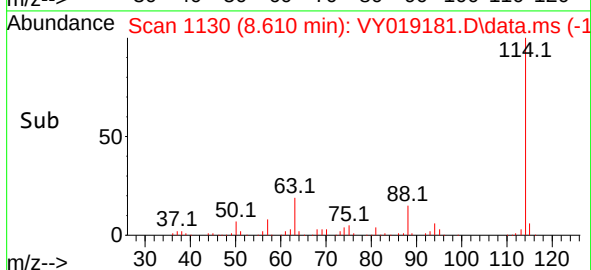
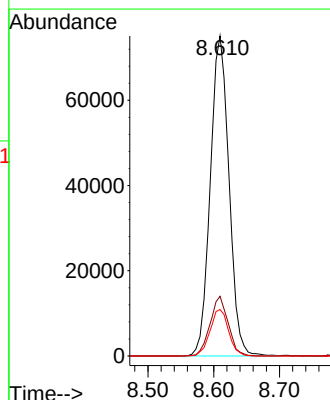
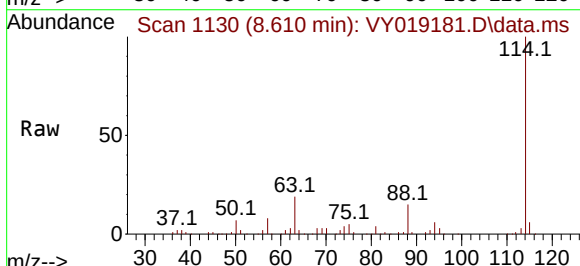
Tgt Ion: 114 Resp: 148447

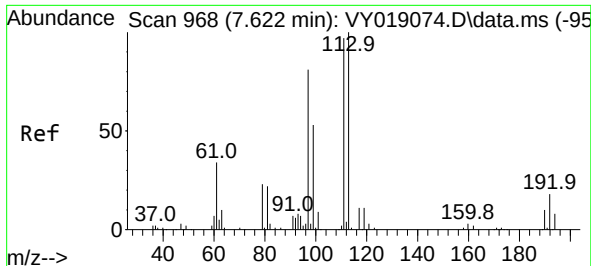
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.5 0.0 27.2

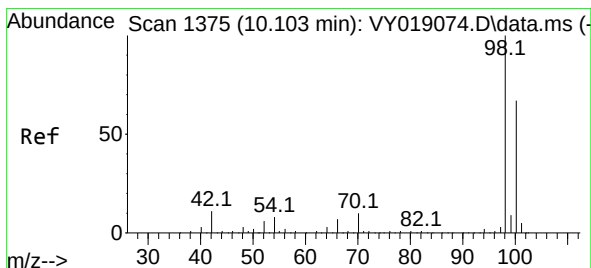
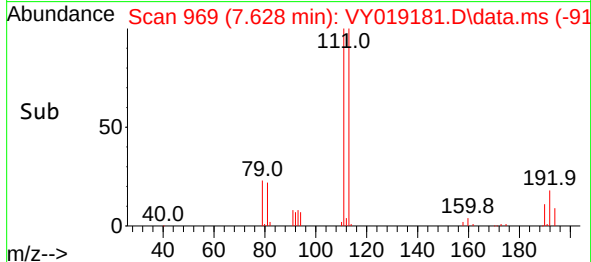
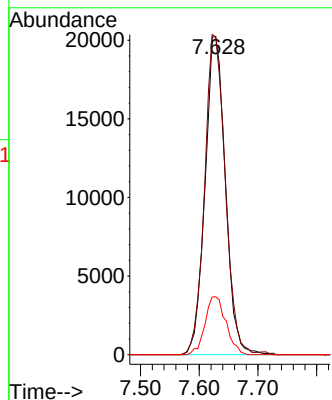
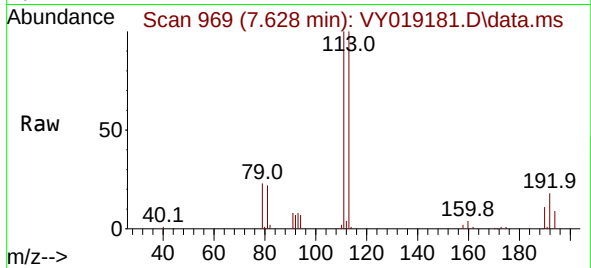




#35
Dibromofluoromethane
Concen: 50.267 ug/l
RT: 7.628 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019181.D
Acq: 21 Aug 2024 19:55

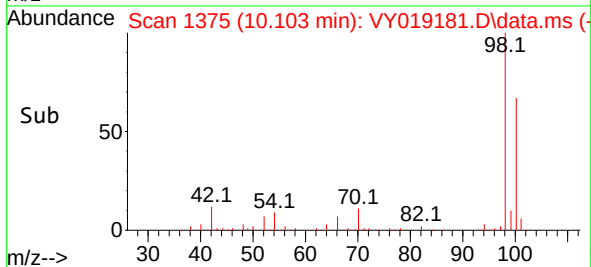
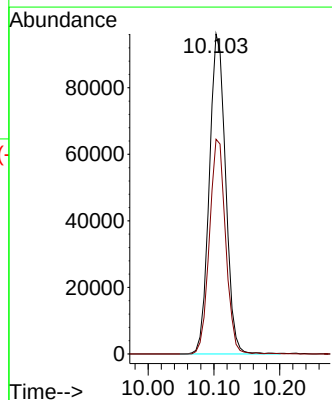
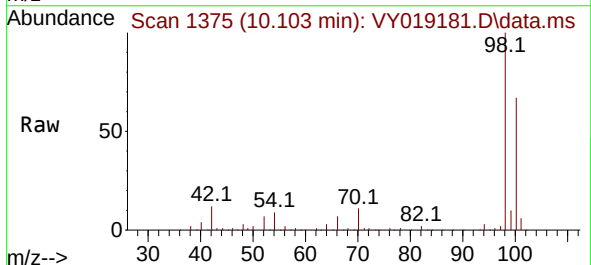
Instrument :
MSVOA_Y
ClientSampleId :
921-J-SD-0-0.5-081524RE

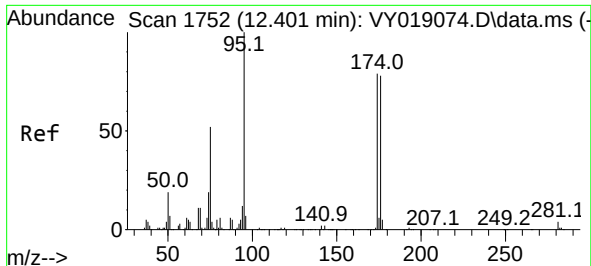
Tgt Ion:113 Resp: 48791
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 18.7 15.9 23.9



#50
Toluene-d8
Concen: 47.404 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019181.D
Acq: 21 Aug 2024 19:55

Tgt Ion: 98 Resp: 165581
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 37.965 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019181.D

Acq: 21 Aug 2024 19:55

Instrument :

MSVOA_Y

ClientSampleId :

921-J-SD-0-0.5-081524RE

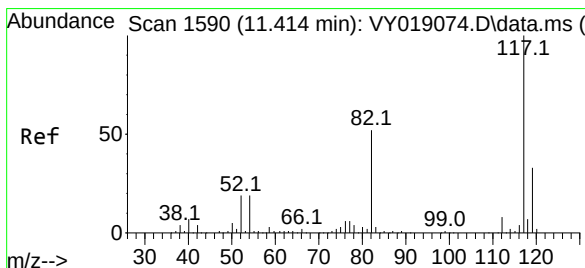
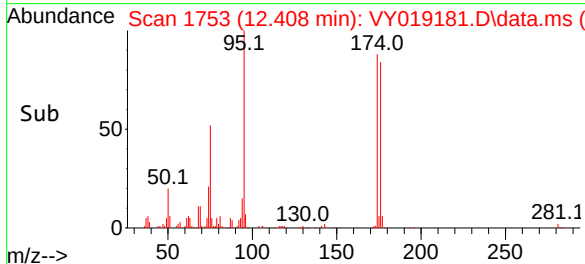
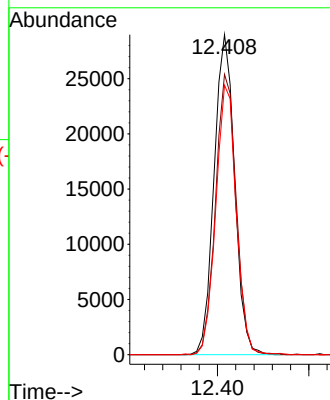
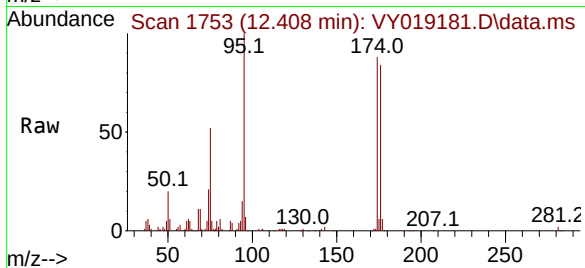
Tgt Ion: 95 Resp: 45207

Ion Ratio Lower Upper

95 100

174 88.2 0.0 175.6

176 84.1 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY019181.D

Acq: 21 Aug 2024 19:55

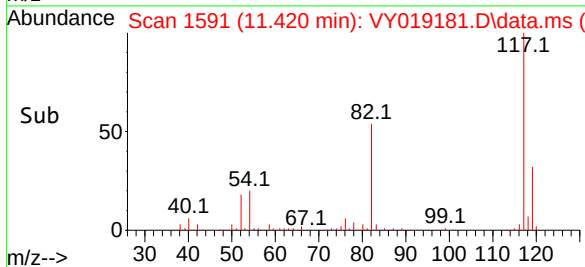
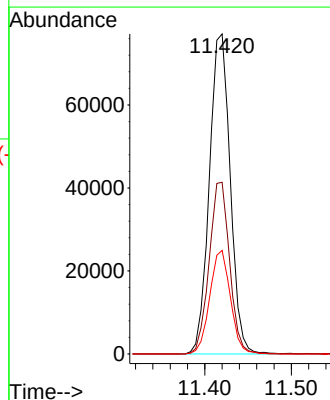
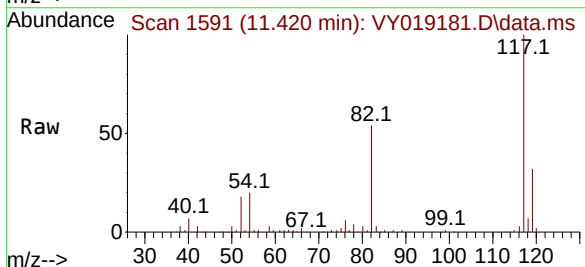
Tgt Ion: 117 Resp: 129201

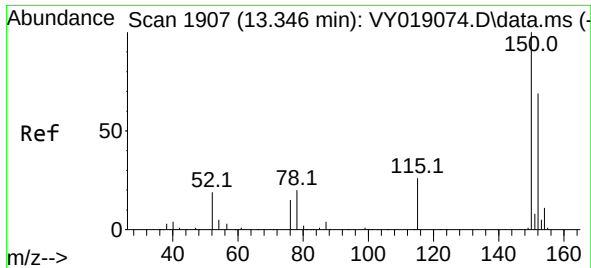
Ion Ratio Lower Upper

117 100

82 53.7 42.4 63.6

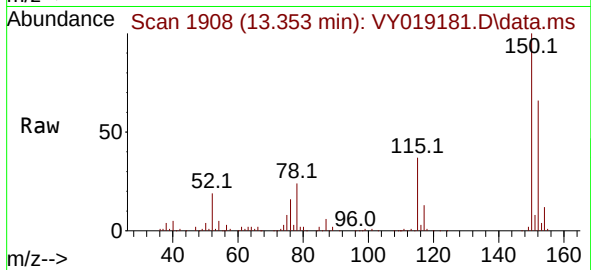
119 32.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VY019181.D
 Acq: 21 Aug 2024 19:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 921-J-SD-0-0.5-081524RE



Tgt Ion:152 Resp: 49896
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.2 84.7
 150 159.4 0.0 345.6

