

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019162.D
 Acq On : 20 Aug 2024 19:42
 Operator : SY/MD
 Sample : P3534-01
 Misc : 7.69g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PIPE-BLAST-GRIT

Quant Time: Aug 21 01:34:40 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)

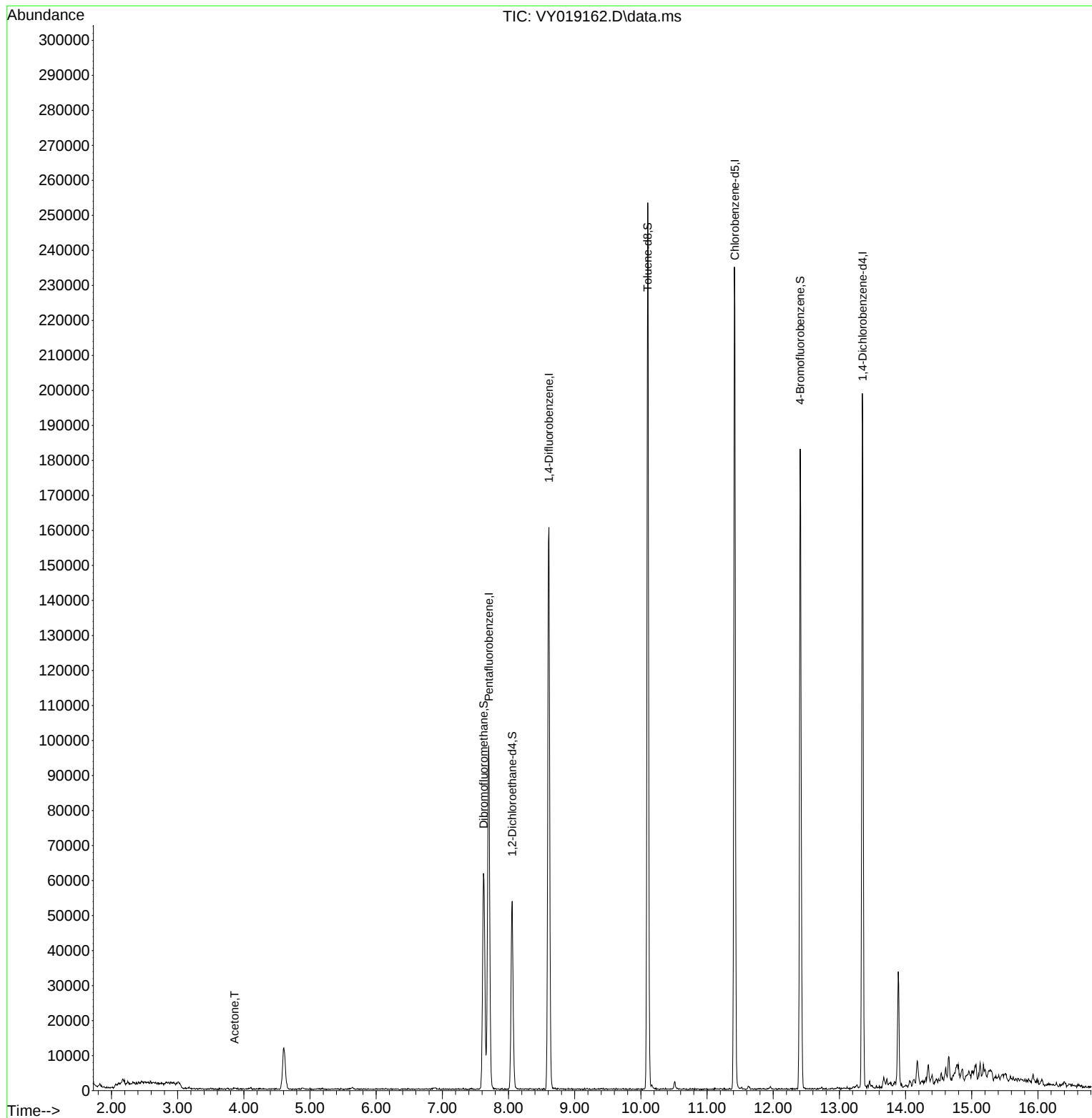
Internal Standards						
1) Pentafluorobenzene	7.701	168	78293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	140713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	127573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	49015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	39350	50.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.280%	
35) Dibromofluoromethane	7.622	113	44452	48.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.620%	
50) Toluene-d8	10.103	98	157741	47.642	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.280%	
62) 4-Bromofluorobenzene	12.408	95	48407	42.887	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.780%	
Target Compounds						
16) Acetone	3.860	43	418	2.872	ug/l	Qvalue 87

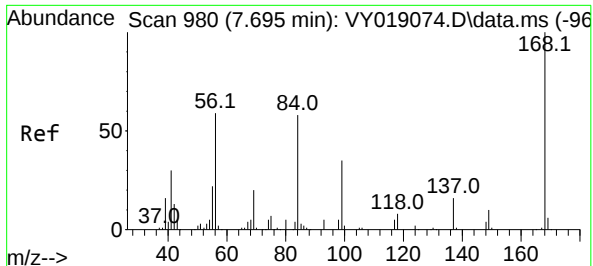
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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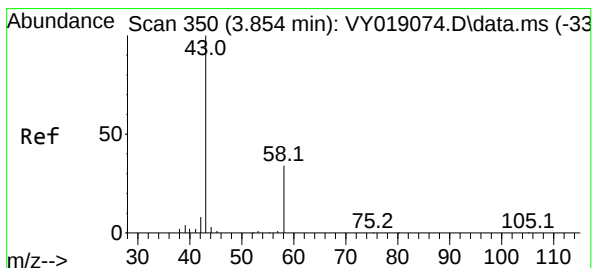
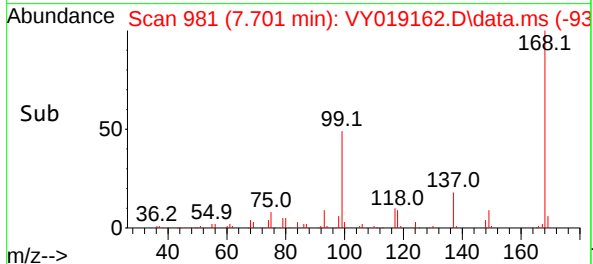
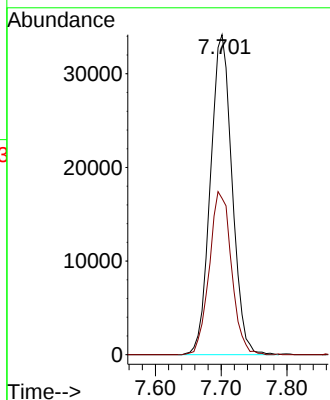
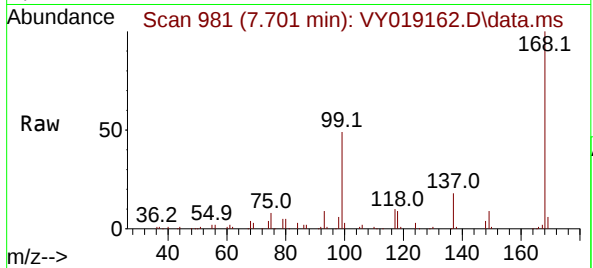




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019162.D
Acq: 20 Aug 2024 19:42

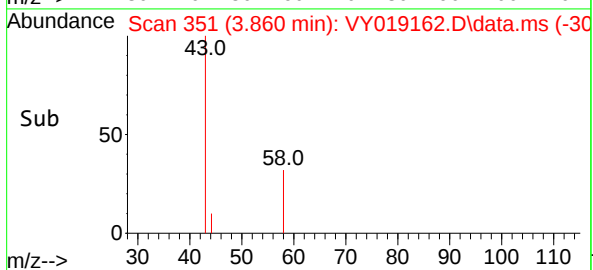
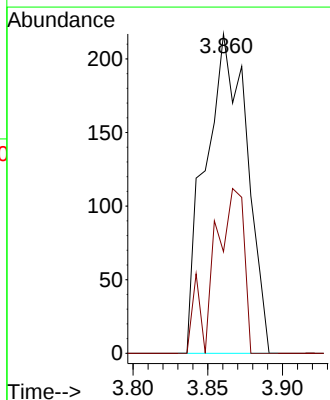
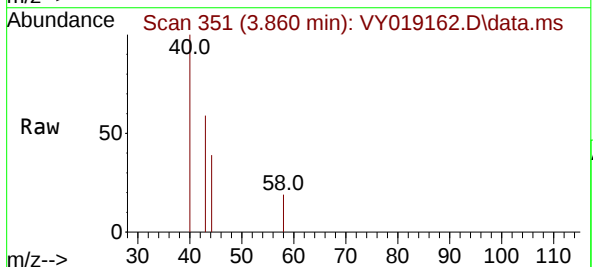
Instrument :
MSVOA_Y
ClientSampleId :
PIPE-BLAST-GRIT

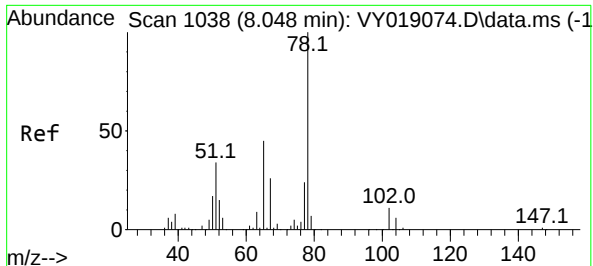
Tgt Ion:168 Resp: 78293
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#16
Acetone
Concen: 2.872 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019162.D
Acq: 20 Aug 2024 19:42

Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
58 31.8 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 50.139 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019162.D

Acq: 20 Aug 2024 19:42

Instrument :

MSVOA_Y

ClientSampleId :

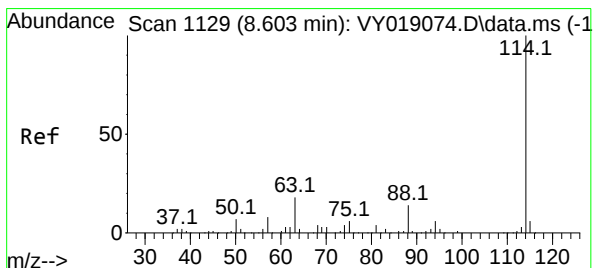
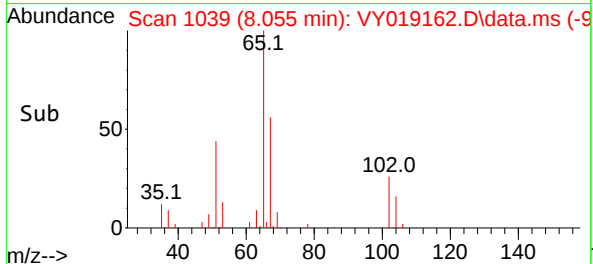
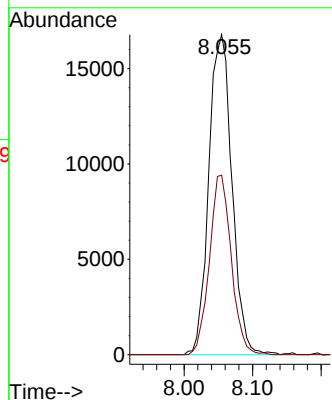
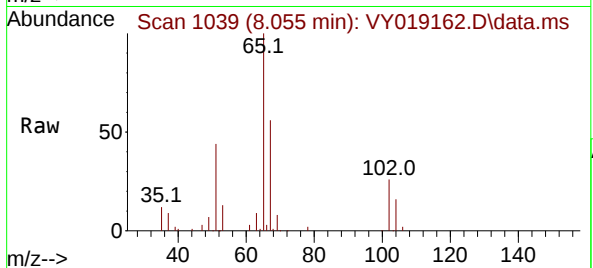
PIPE-BLAST-GRIT

Tgt Ion: 65 Resp: 39350

Ion Ratio Lower Upper

65 100

67 53.0 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: VY019162.D

Acq: 20 Aug 2024 19:42

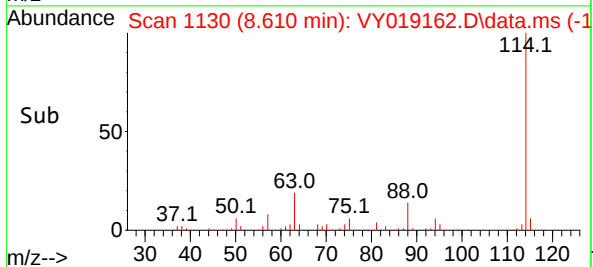
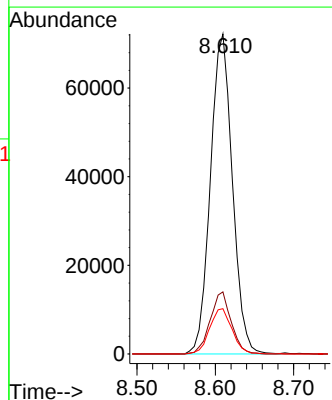
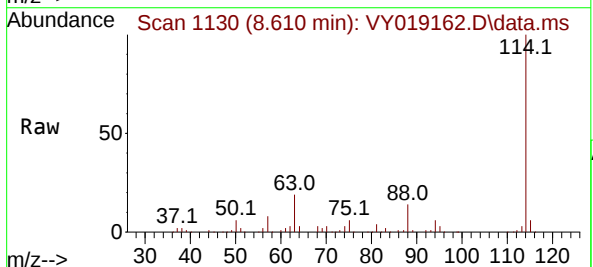
Tgt Ion: 114 Resp: 140713

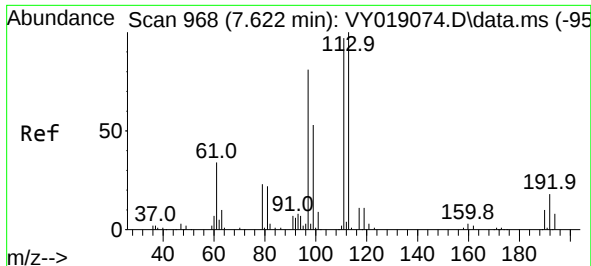
Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 14.2 0.0 27.2

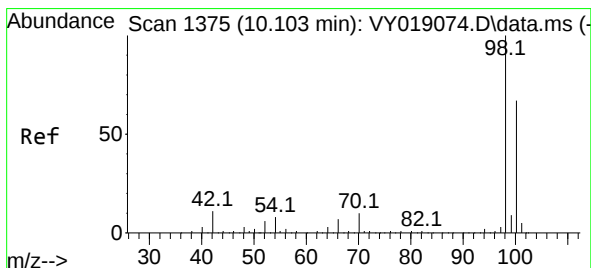
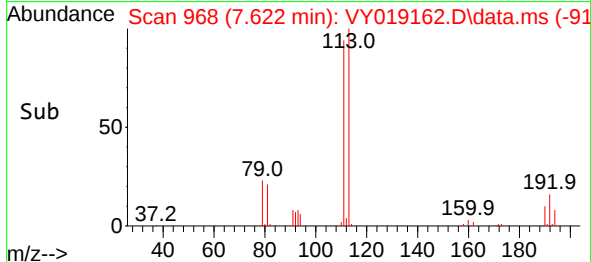
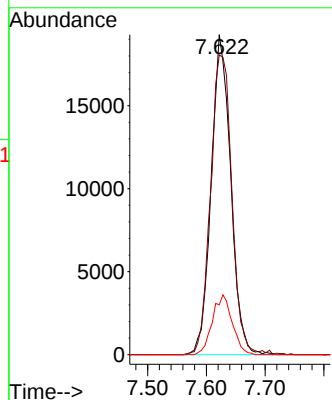
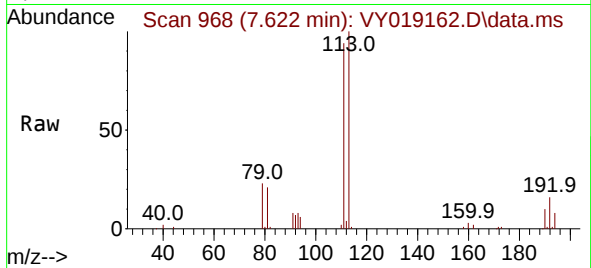




#35
Dibromofluoromethane
Concen: 48.314 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019162.D
Acq: 20 Aug 2024 19:42

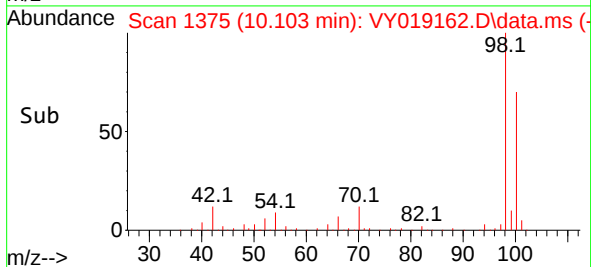
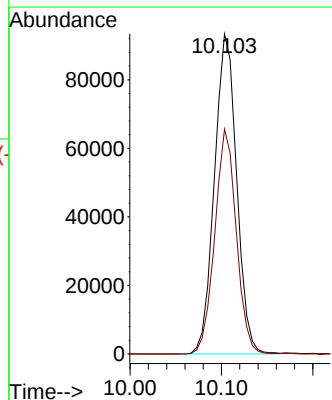
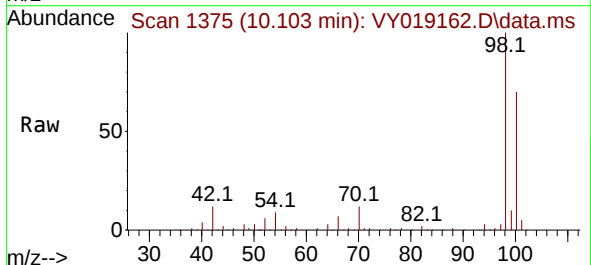
Instrument :
MSVOA_Y
ClientSampleId :
PIPE-BLAST-GRIT

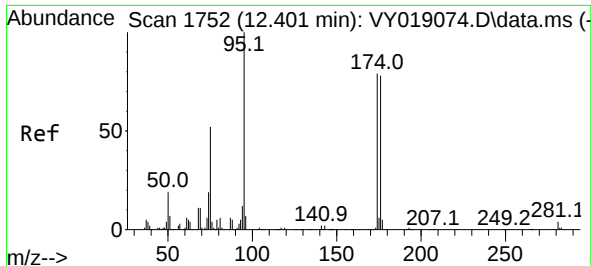
Tgt Ion:113 Resp: 44452
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 19.0 15.9 23.9



#50
Toluene-d8
Concen: 47.642 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019162.D
Acq: 20 Aug 2024 19:42

Tgt Ion: 98 Resp: 157741
Ion Ratio Lower Upper
98 100
100 68.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 42.887 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019162.D

Acq: 20 Aug 2024 19:42

Instrument :

MSVOA_Y

ClientSampleId :

PIPE-BLAST-GRIT

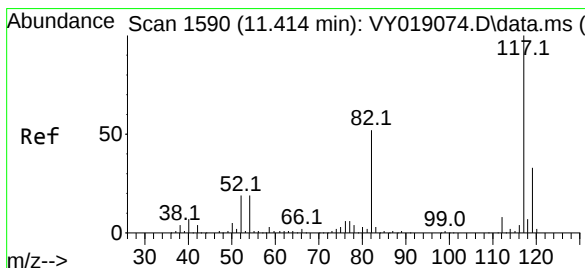
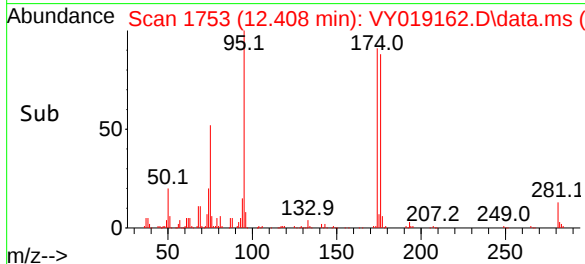
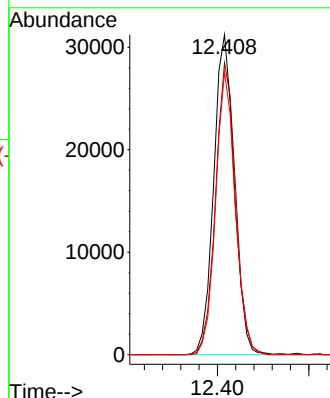
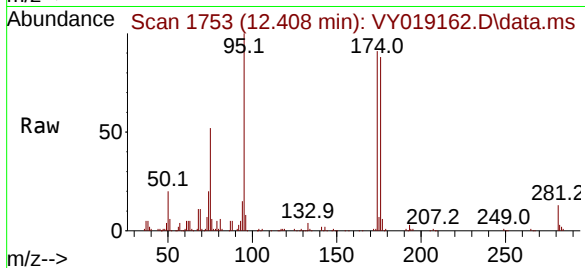
Tgt Ion: 95 Resp: 48407

Ion Ratio Lower Upper

95 100

174 90.3 0.0 175.6

176 85.0 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: VY019162.D

Acq: 20 Aug 2024 19:42

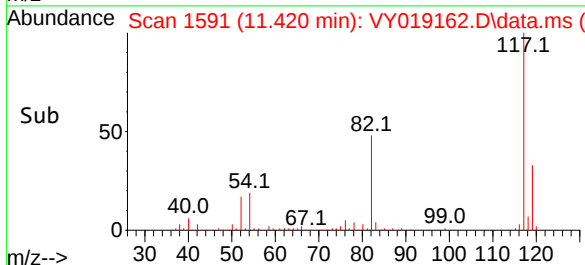
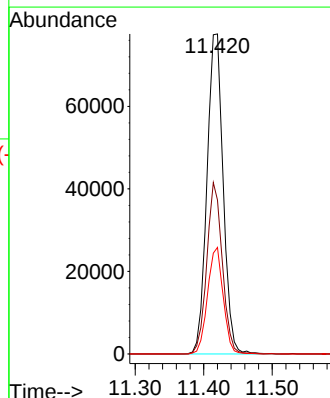
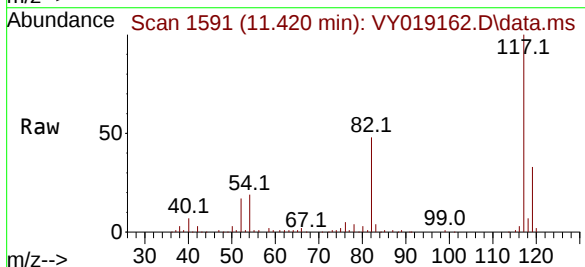
Tgt Ion: 117 Resp: 127573

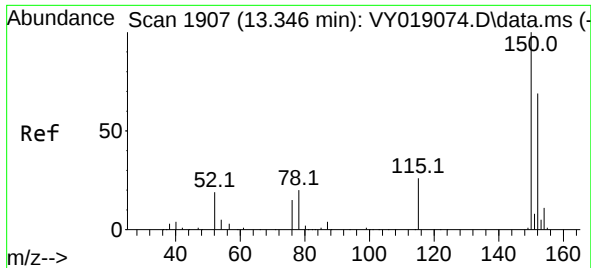
Ion Ratio Lower Upper

117 100

82 48.1 42.4 63.6

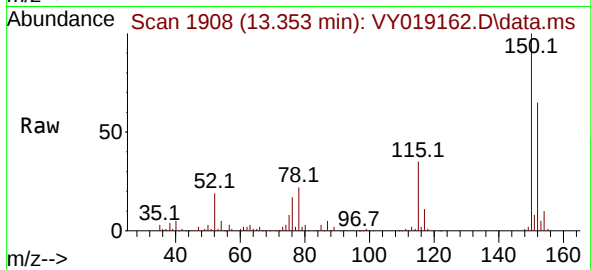
119 33.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VY019162.D
 Acq: 20 Aug 2024 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 PIPE-BLAST-GRIT



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.2	84.7
150	161.1	0.0	345.6

