

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019184.D
 Acq On : 21 Aug 2024 21:07
 Operator : SY/MD
 Sample : P3643-14RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:19:37 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)

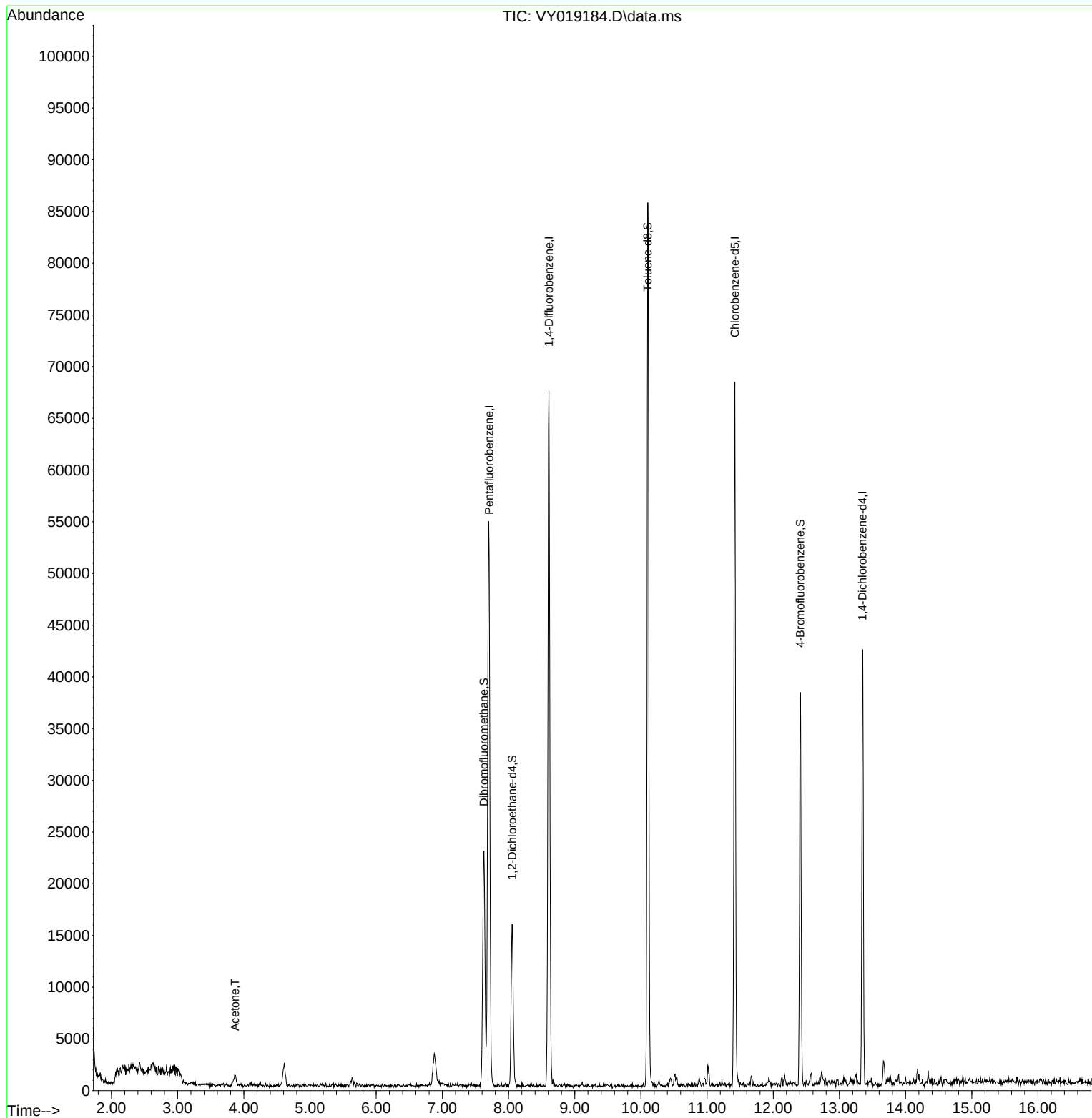
Internal Standards						
1) Pentafluorobenzene	7.707	168	42848	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.609	114	58405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	37712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	10800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	12089	28.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	56.300%
35) Dibromofluoromethane	7.628	113	15991	41.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.740%
50) Toluene-d8	10.103	98	55937	40.703	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.400%
62) 4-Bromofluorobenzene	12.407	95	11663	24.895	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	49.780%
Target Compounds						
16) Acetone	3.866	43	1778	22.321	ug/l	Qvalue 92

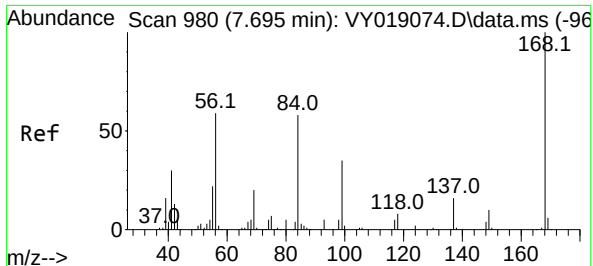
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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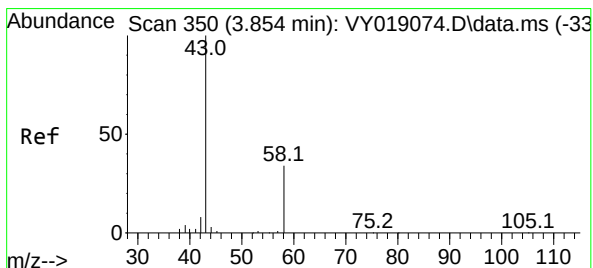
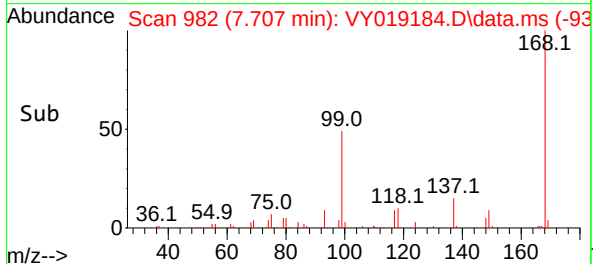
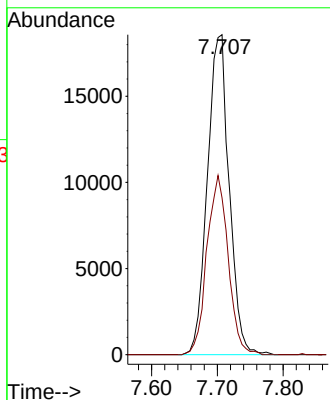
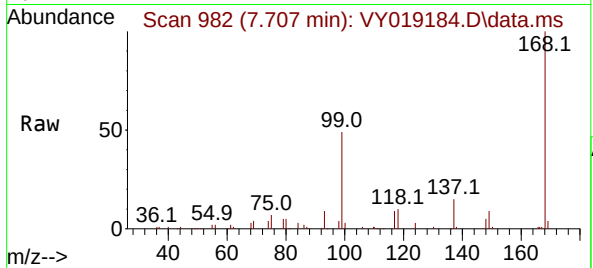




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019184.D
Acq: 21 Aug 2024 21:07

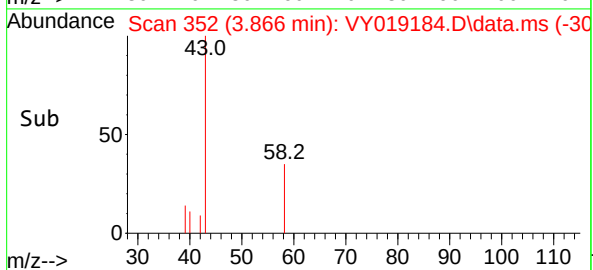
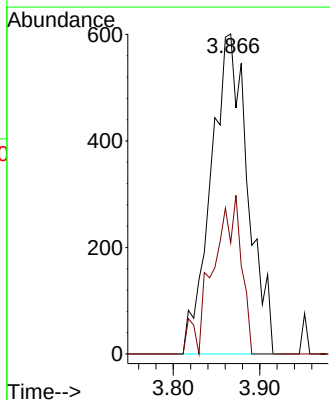
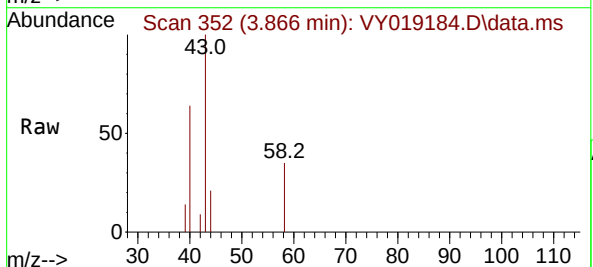
Instrument :
MSVOA_Y
ClientSampleId :

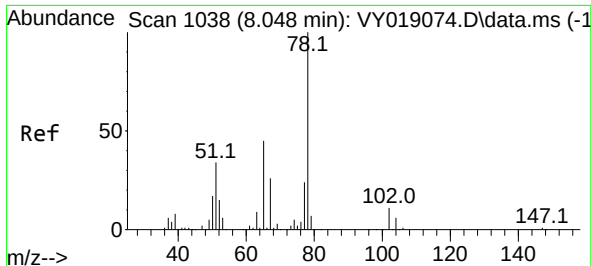
Tgt Ion:168 Resp: 42848
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#16
Acetone
Concen: 22.321 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019184.D
Acq: 21 Aug 2024 21:07

Tgt Ion: 43 Resp: 1778
Ion Ratio Lower Upper
43 100
58 34.8 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 28.146 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019184.D

Acq: 21 Aug 2024 21:07

Instrument :

MSVOA_Y

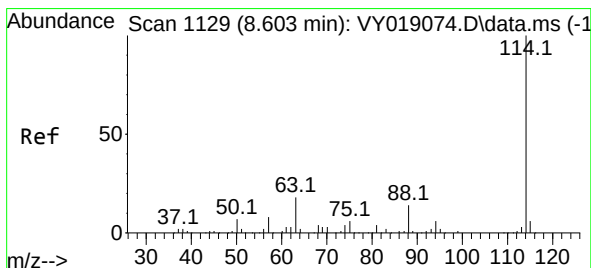
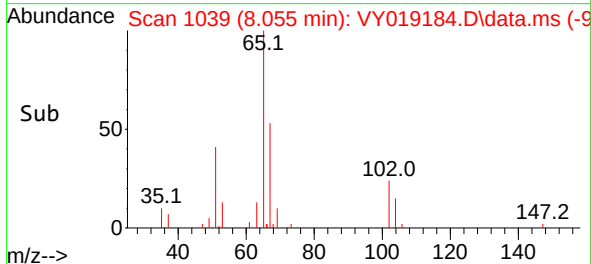
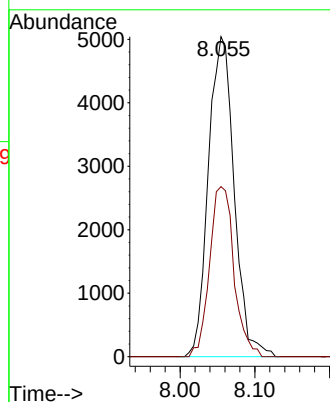
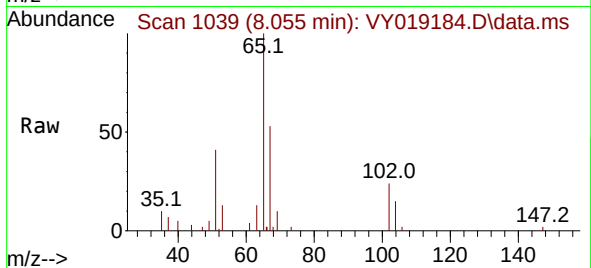
ClientSampleId :

Tgt Ion: 65 Resp: 12089

Ion Ratio Lower Upper

65 100

67 50.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019184.D

Acq: 21 Aug 2024 21:07

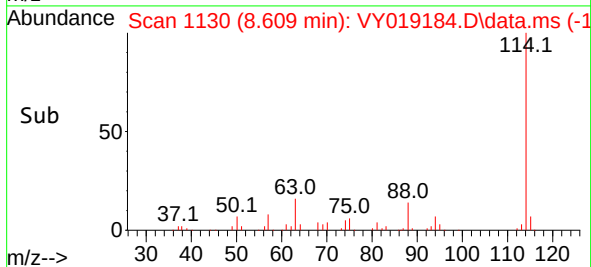
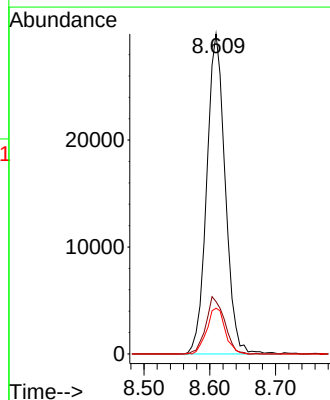
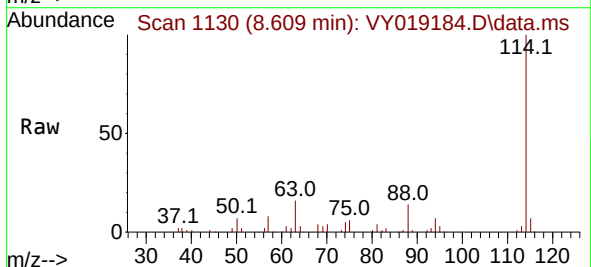
Tgt Ion:114 Resp: 58405

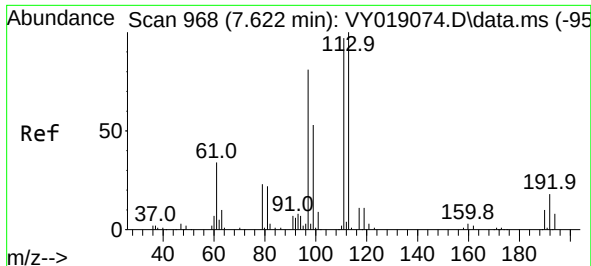
Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

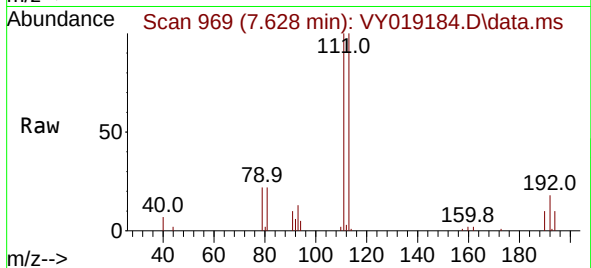
88 14.3 0.0 27.2



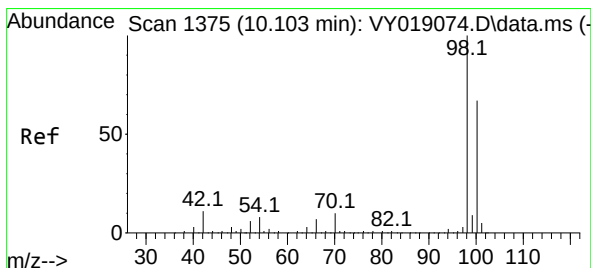
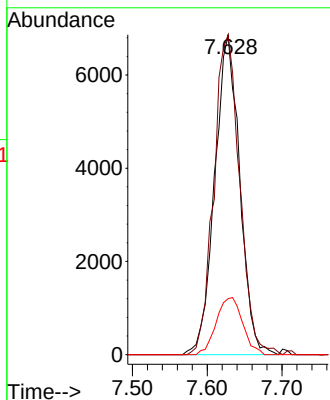
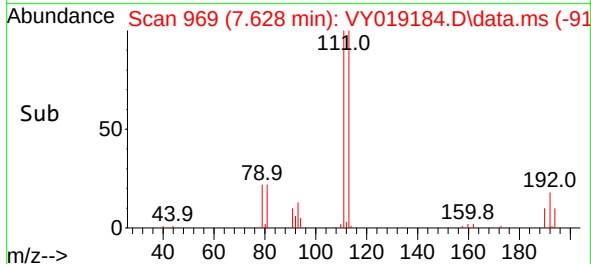


#35
Dibromofluoromethane
Concen: 41.874 ug/l
RT: 7.628 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019184.D
Acq: 21 Aug 2024 21:07

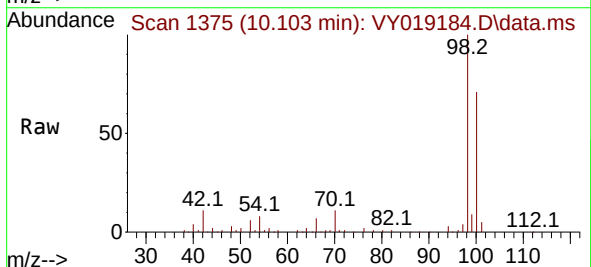
Instrument :
MSVOA_Y
ClientSampleId :



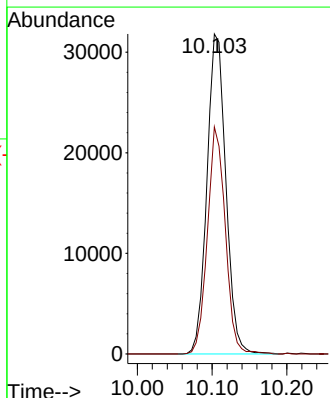
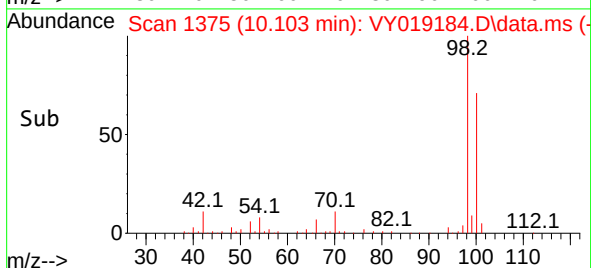
Tgt Ion:113 Resp: 15991
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 18.8 15.9 23.9

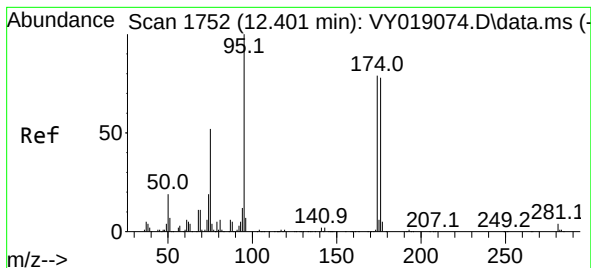


#50
Toluene-d8
Concen: 40.703 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019184.D
Acq: 21 Aug 2024 21:07



Tgt Ion: 98 Resp: 55937
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0

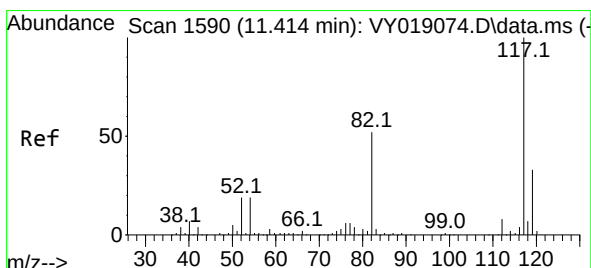
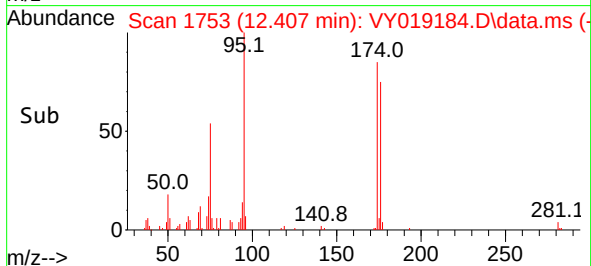
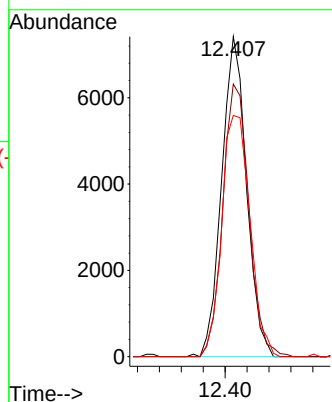
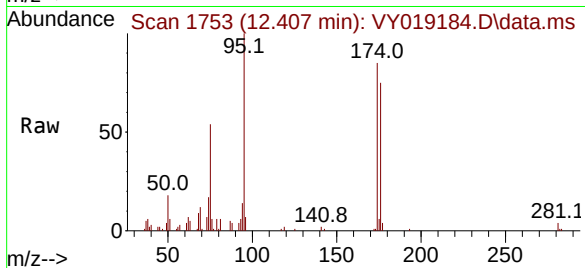




#62
4-Bromofluorobenzene
Concen: 24.895 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019184.D
Acq: 21 Aug 2024 21:07

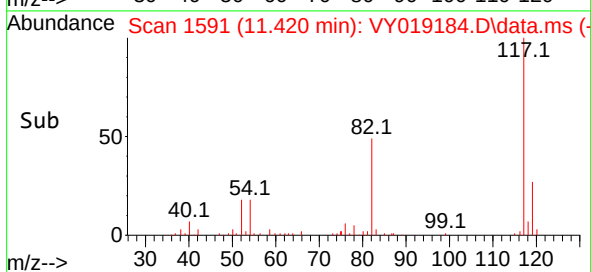
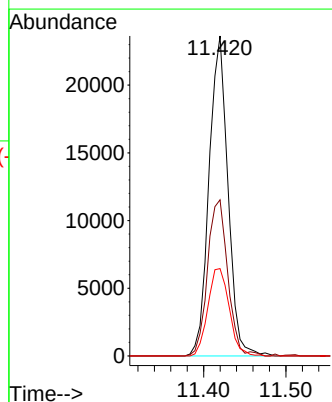
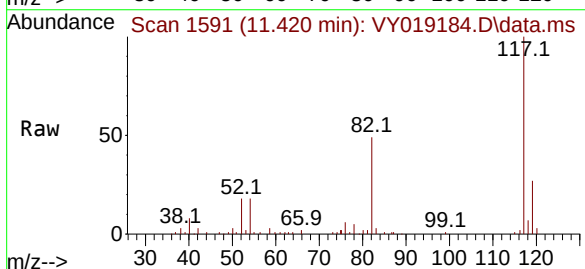
Instrument :
MSVOA_Y
ClientSampleId :

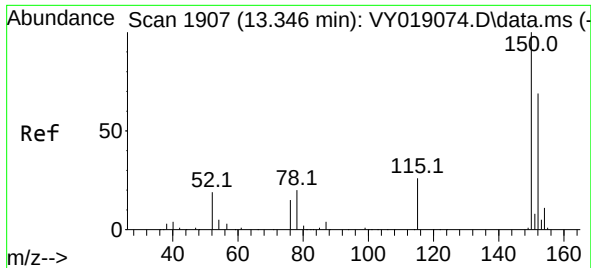
Tgt Ion: 95 Resp: 11663
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.6
176 85.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019184.D
Acq: 21 Aug 2024 21:07

Tgt Ion: 117 Resp: 37712
Ion Ratio Lower Upper
117 100
82 48.8 42.4 63.6
119 27.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

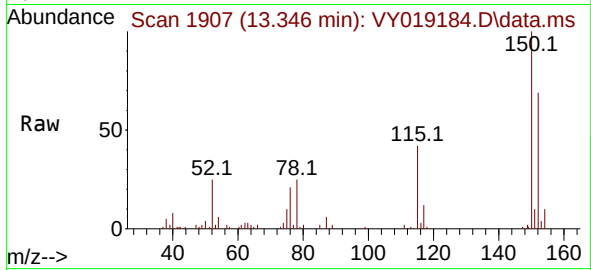
Lab File: VY019184.D

Acq: 21 Aug 2024 21:07

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:152 Resp: 10800

Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 152.3 0.0 345.6

