

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018961.D
 Acq On : 09 Aug 2024 12:43
 Operator : SY/MD
 Sample : P3520-09
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-12-080624

Quant Time: Aug 09 23:25:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

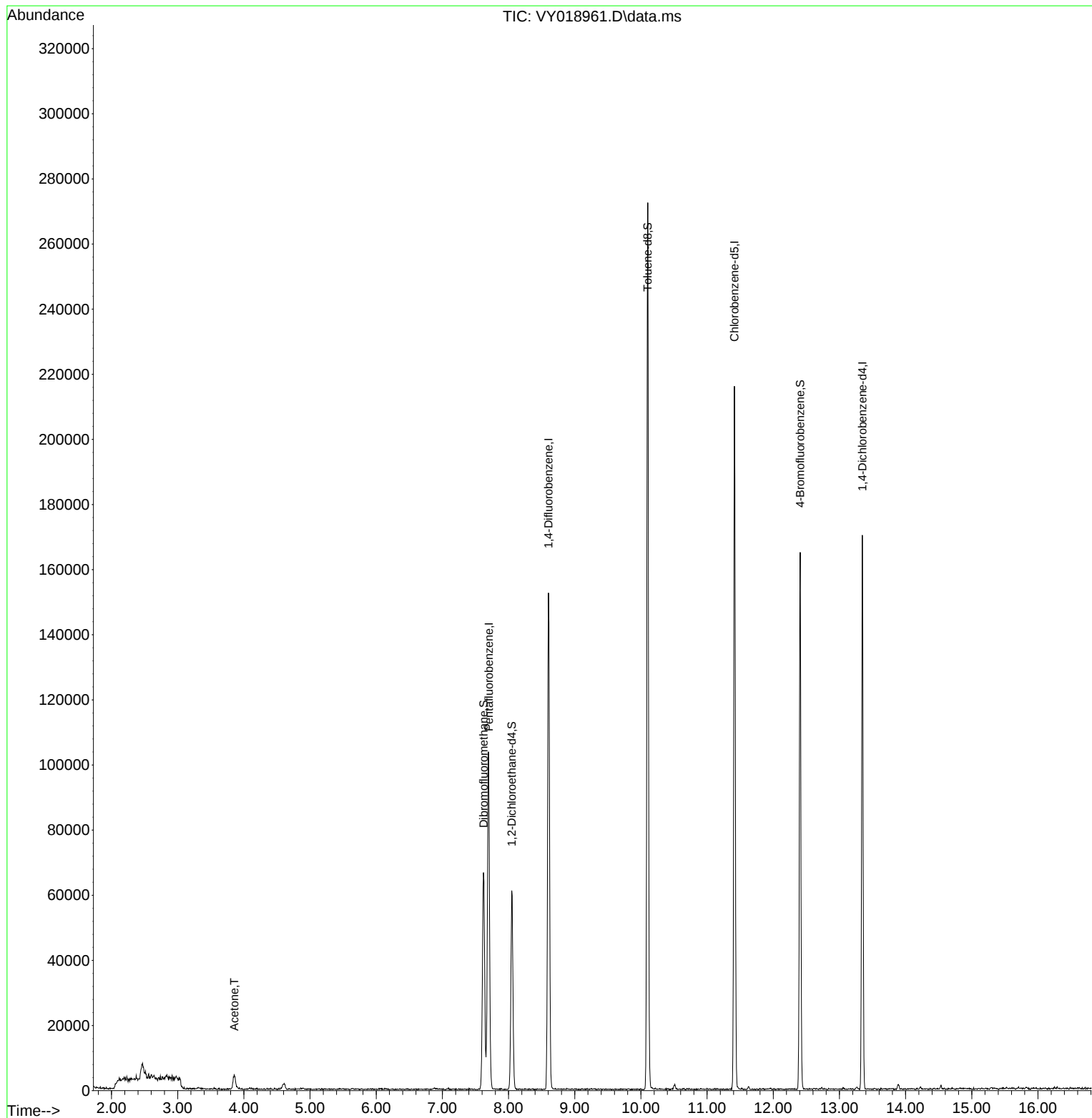
Internal Standards						
1) Pentafluorobenzene	7.701	168	82473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	131125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	105075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	38185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	37901	52.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.680%	
35) Dibromofluoromethane	7.622	113	43147	51.520	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.040%	
50) Toluene-d8	10.103	98	167879	52.188	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	12.407	95	42313	44.337	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.680%	
Target Compounds						
16) Acetone	3.854	43	7535	51.046	ug/l	Qvalue 92

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

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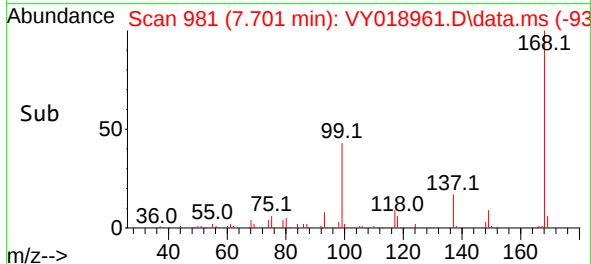
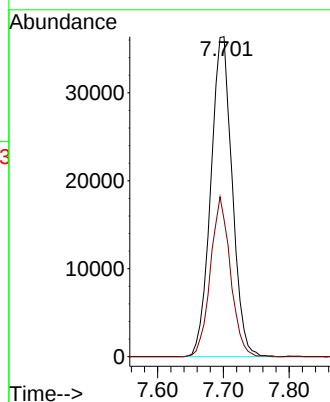
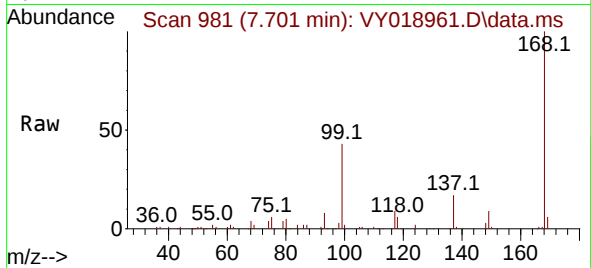




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

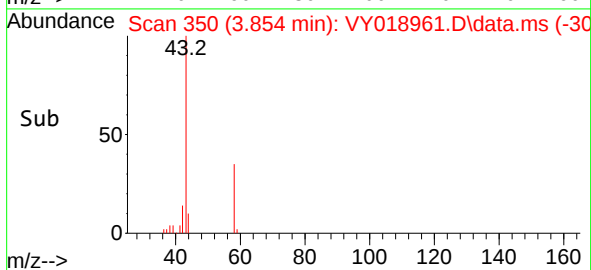
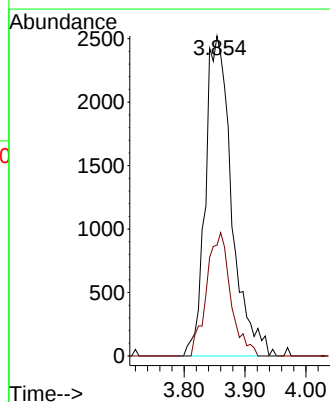
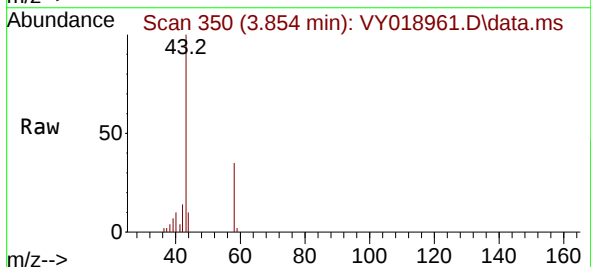
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-12-080624

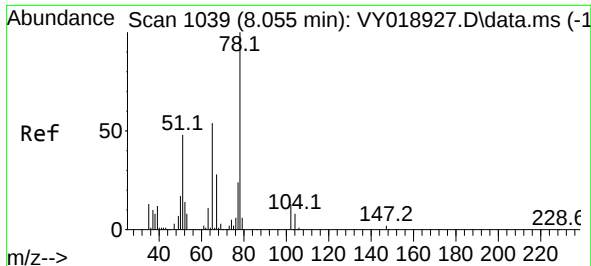
Tgt Ion:168 Resp: 82473
Ion Ratio Lower Upper
168 100
99 42.8 39.1 58.7



#16
Acetone
Concen: 51.046 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

Tgt Ion: 43 Resp: 7535
Ion Ratio Lower Upper
43 100
58 34.6 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 52.342 ug/l

RT: 8.048 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY018961.D

Acq: 09 Aug 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

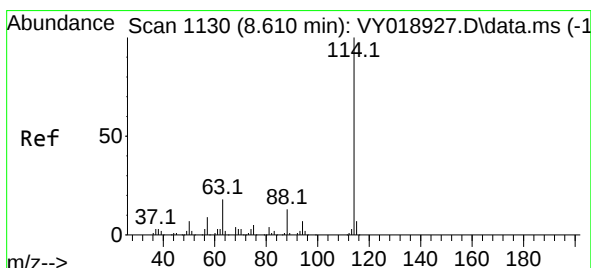
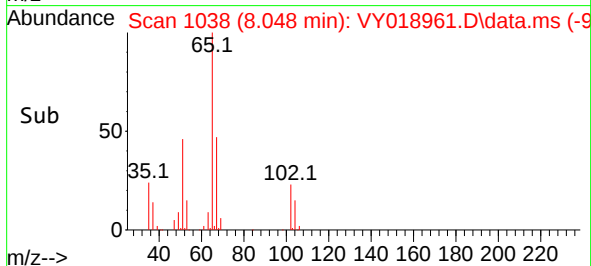
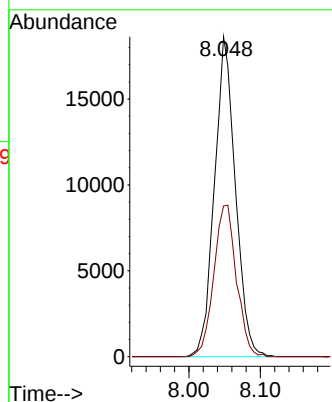
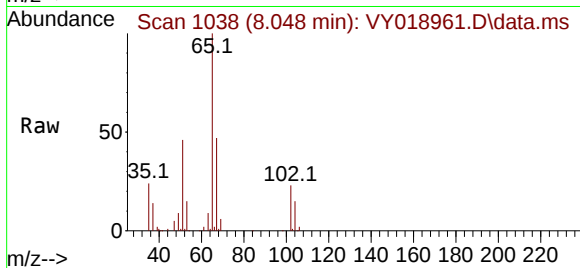
OU4-CF-12-080624

Tgt Ion: 65 Resp: 37901

Ion Ratio Lower Upper

65 100

67 51.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY018961.D

Acq: 09 Aug 2024 12:43

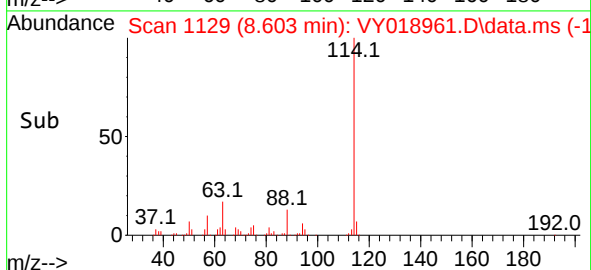
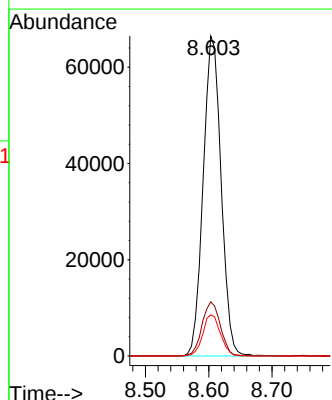
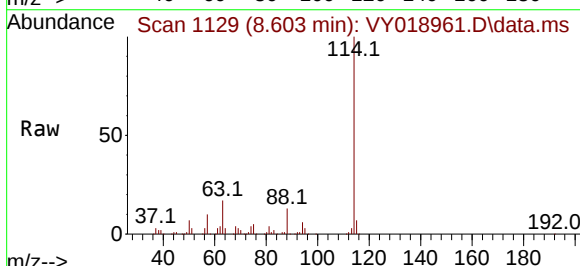
Tgt Ion: 114 Resp: 131125

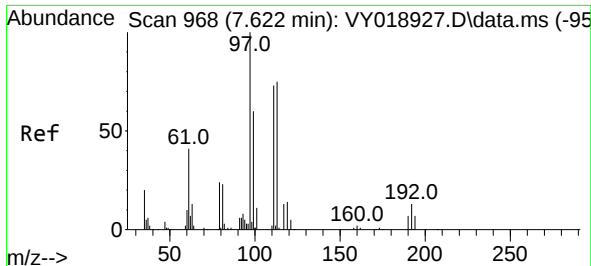
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 12.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.520 ug/l

RT: 7.622 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY018961.D

Acq: 09 Aug 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-12-080624

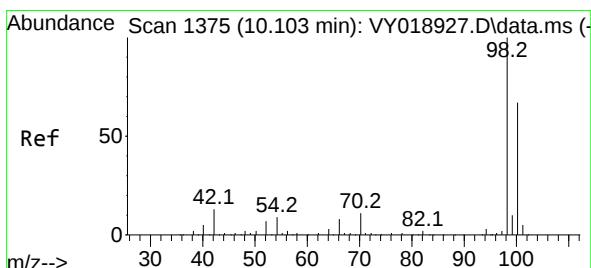
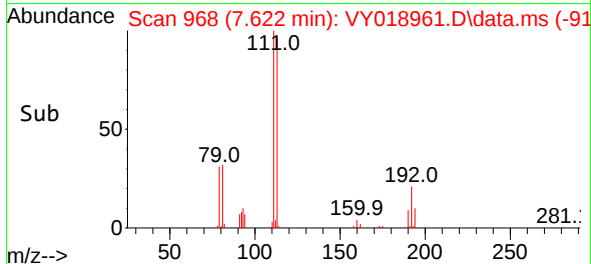
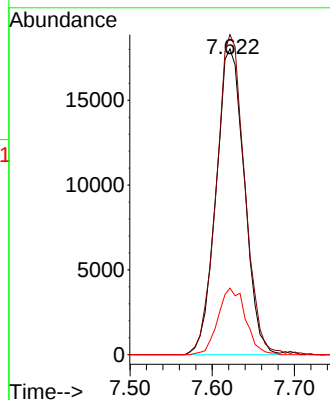
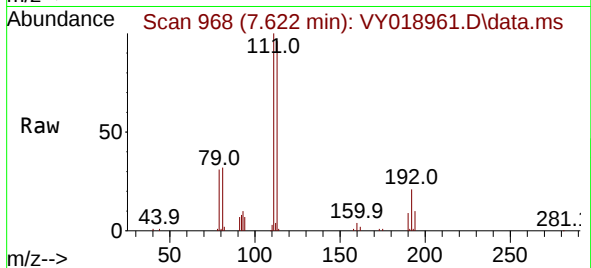
Tgt Ion:113 Resp: 43147

Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.4

192 21.1 15.9 23.9



#50

Toluene-d8

Concen: 52.188 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY018961.D

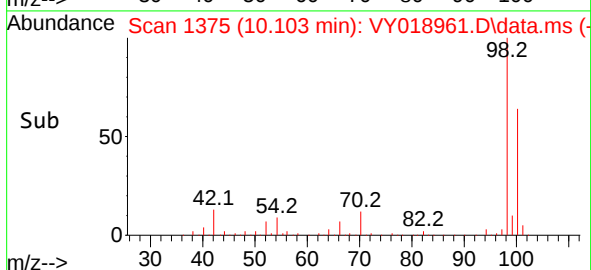
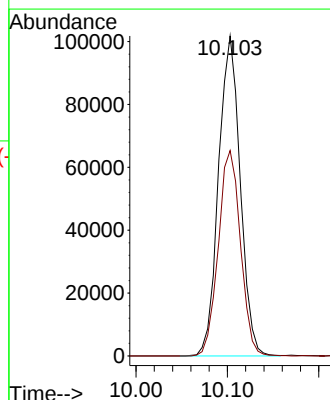
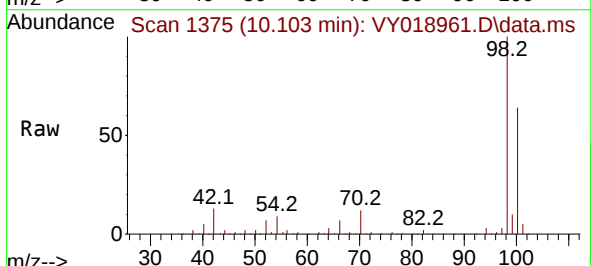
Acq: 09 Aug 2024 12:43

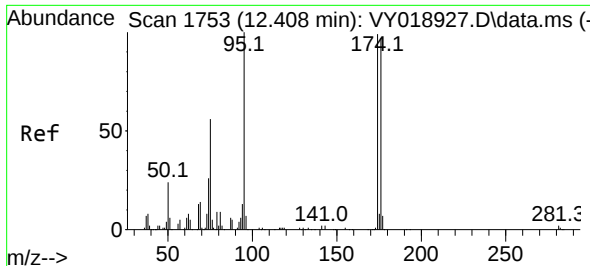
Tgt Ion: 98 Resp: 167879

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

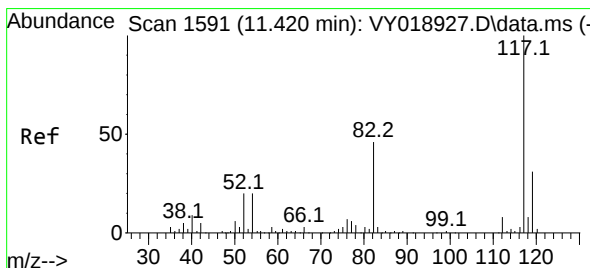
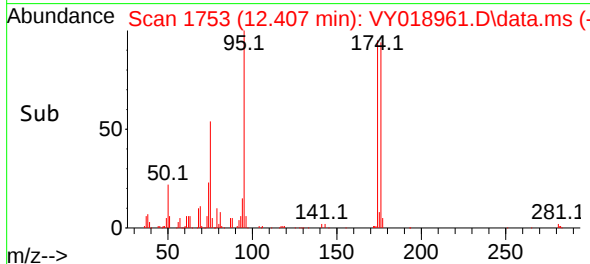
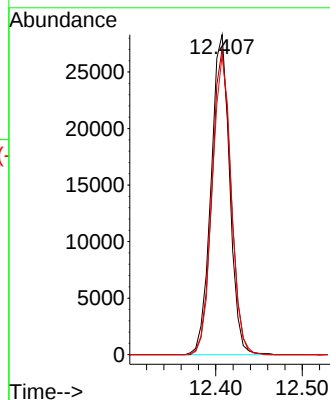
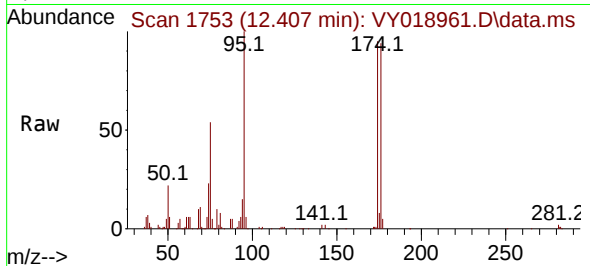




#62
4-Bromofluorobenzene
Concen: 44.337 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

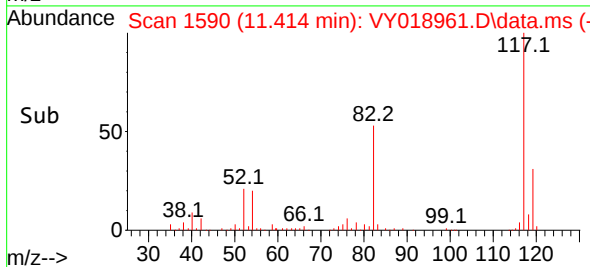
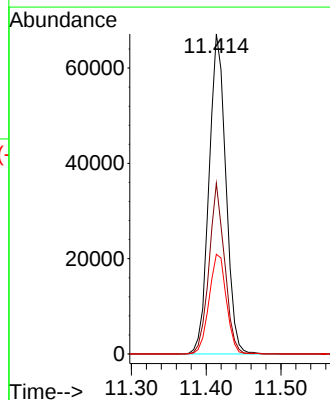
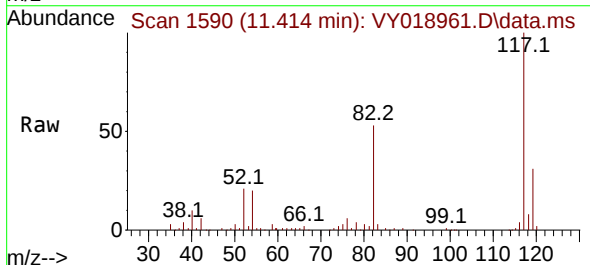
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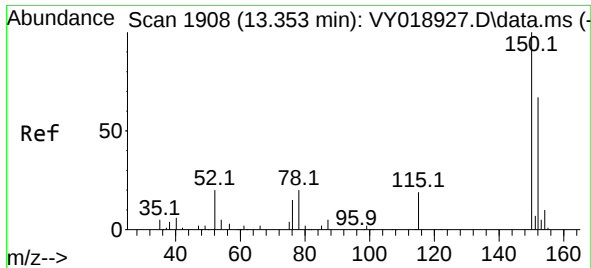
Tgt Ion:	95	Resp:	42313
Ion	Ratio	Lower	Upper
95	100		
174	96.8	0.0	175.6
176	95.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY018961.D
Acq: 09 Aug 2024 12:43

Tgt Ion:	117	Resp:	105075
Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.4	63.6
119	31.2	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY018961.D

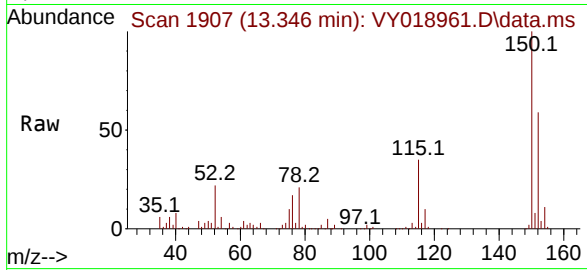
Acq: 09 Aug 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-12-080624



Tgt Ion:152 Resp: 38185

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 159.9 0.0 345.6

