

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY018999.D
 Acq On : 12 Aug 2024 13:57
 Operator : SY/MD
 Sample : P3519-11
 Misc : 3.96g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-21-080724

Quant Time: Aug 13 01:14:35 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)

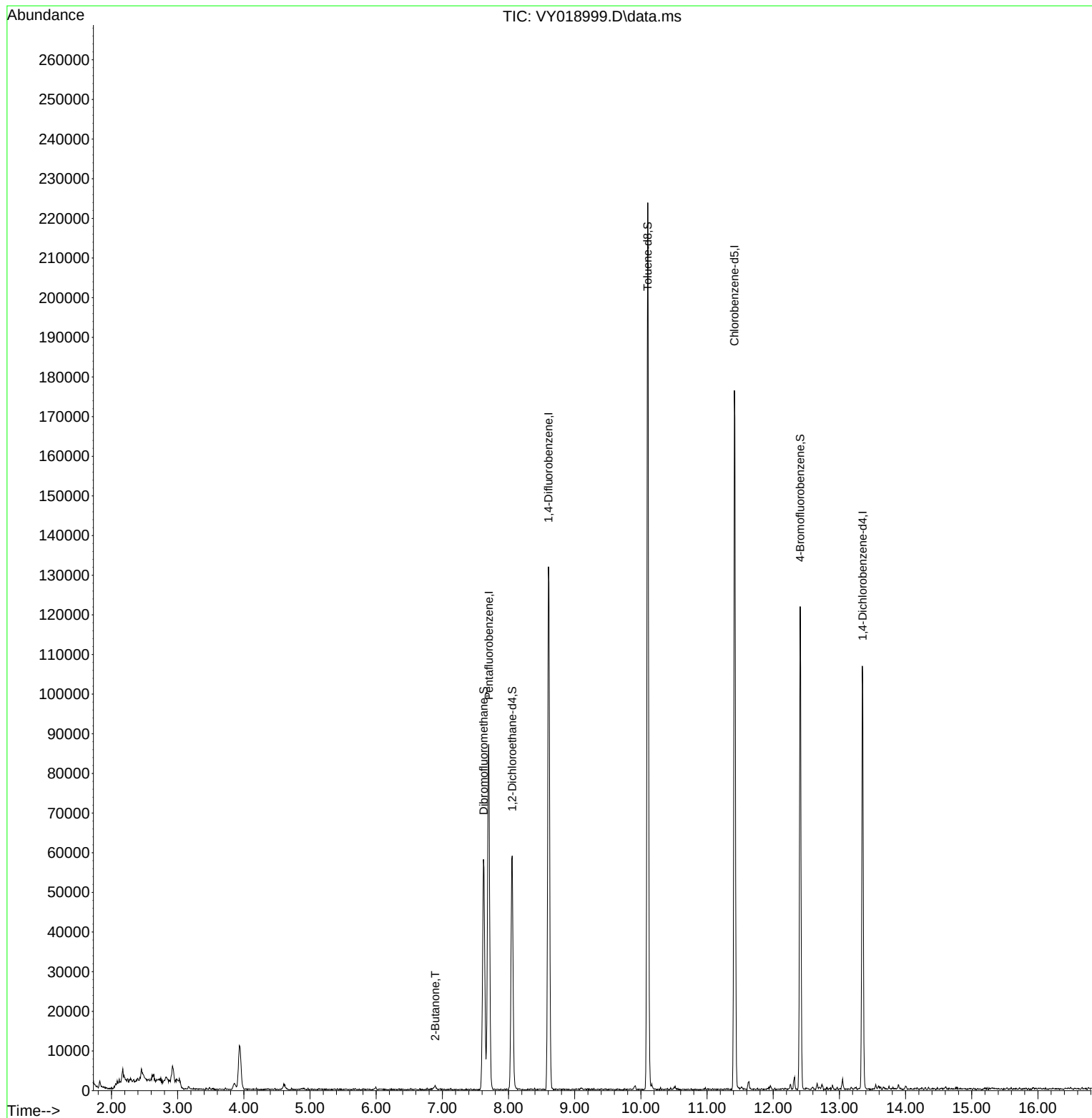
Internal Standards						
1) Pentafluorobenzene	7.701	168	71848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	111253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	85877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	24866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	36988	58.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.260%
35) Dibromofluoromethane	7.622	113	36812	51.807	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.620%
50) Toluene-d8	10.103	98	135641	49.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.408	95	29208	36.072	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.140%
Target Compounds						
25) 2-Butanone	6.890	43	1314	6.433	ug/l	Qvalue 89

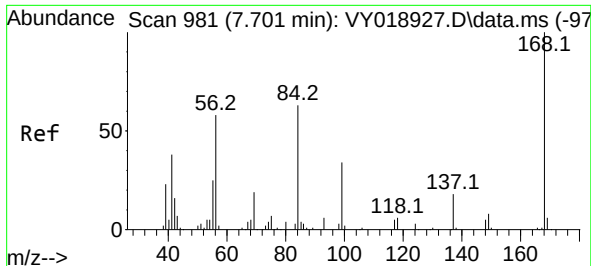
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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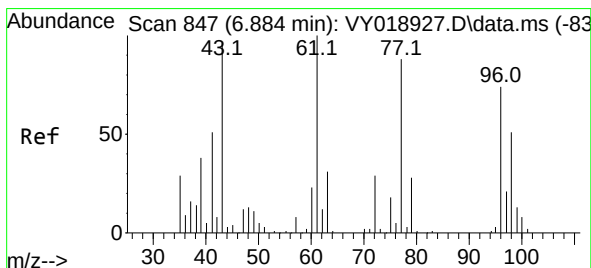
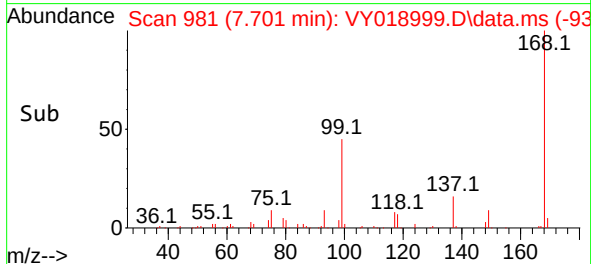
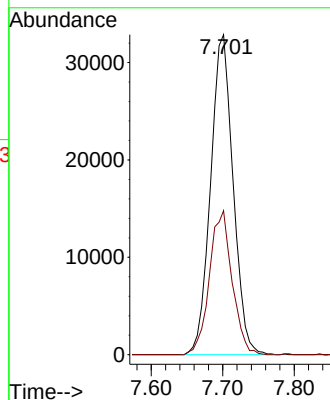
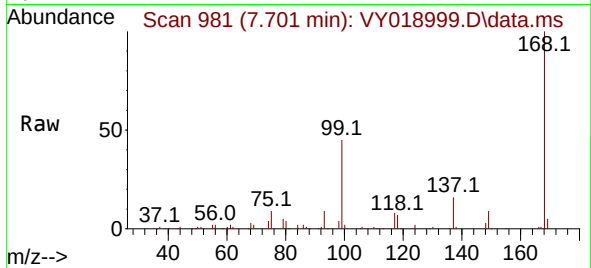




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018999.D
Acq: 12 Aug 2024 13:57

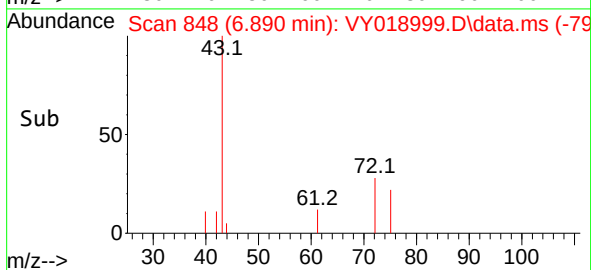
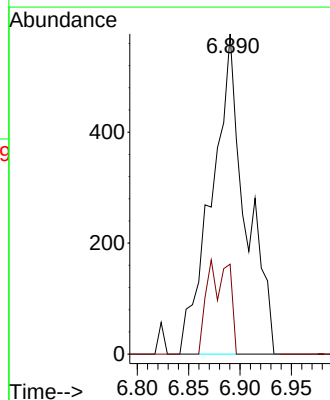
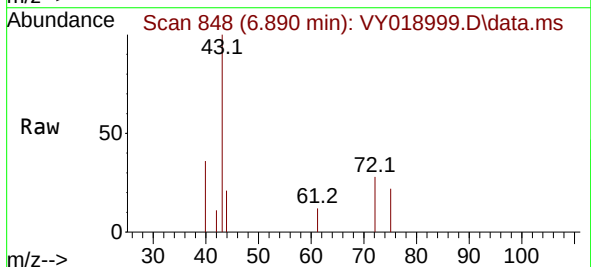
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-21-080724

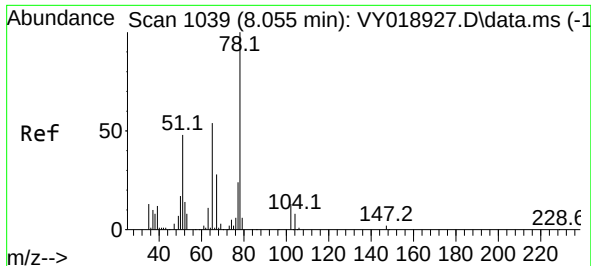
Tgt Ion:168 Resp: 71848
Ion Ratio Lower Upper
168 100
99 45.0 39.1 58.7



#25
2-Butanone
Concen: 6.433 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY018999.D
Acq: 12 Aug 2024 13:57

Tgt Ion: 43 Resp: 1314
Ion Ratio Lower Upper
43 100
72 28.1 27.3 40.9





#33

1,2-Dichloroethane-d4

Concen: 58.635 ug/l

RT: 8.055 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VY018999.D

Acq: 12 Aug 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

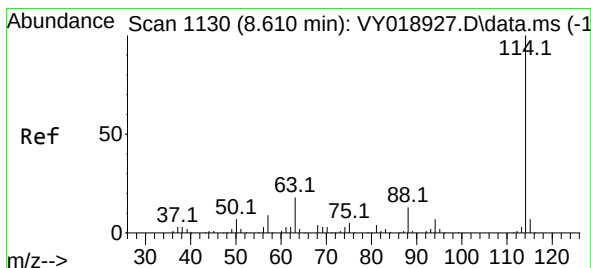
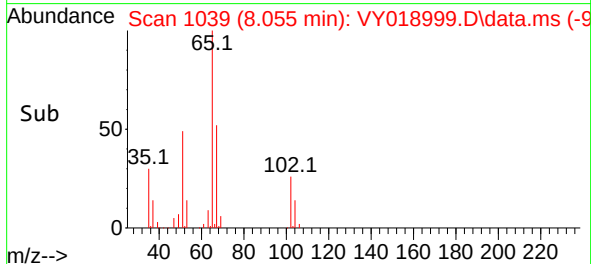
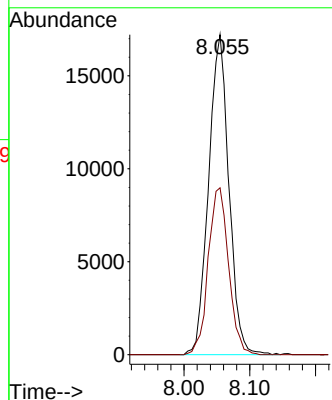
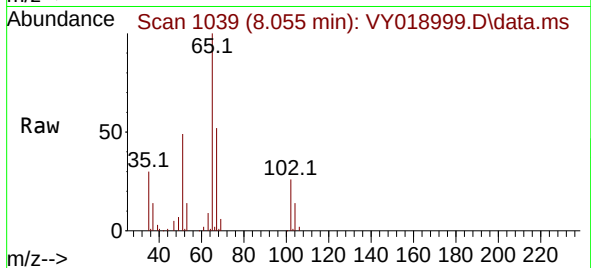
OU4-TS-21-080724

Tgt Ion: 65 Resp: 36988

Ion Ratio Lower Upper

65 100

67 52.3 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: VY018999.D

Acq: 12 Aug 2024 13:57

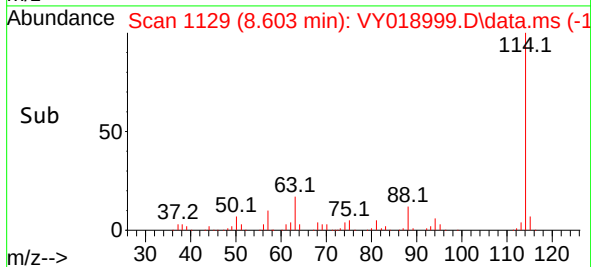
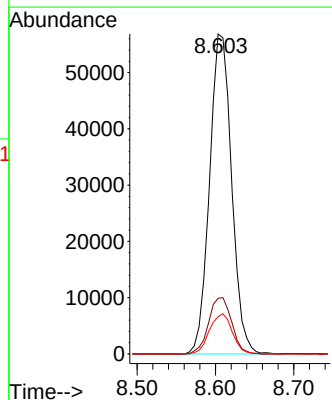
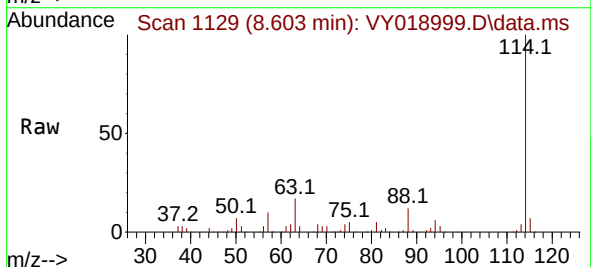
Tgt Ion: 114 Resp: 111253

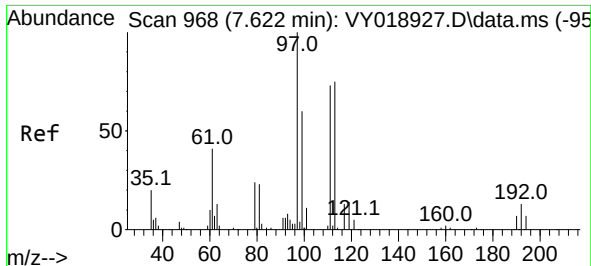
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 11.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.807 ug/l

RT: 7.622 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY018999.D

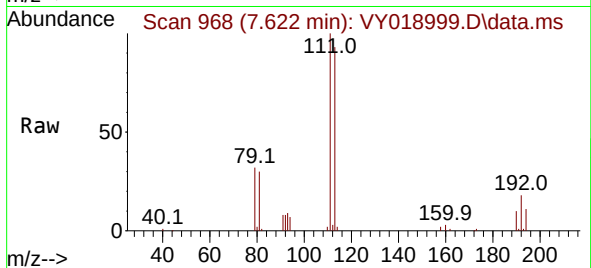
Acq: 12 Aug 2024 13:57

Instrument :

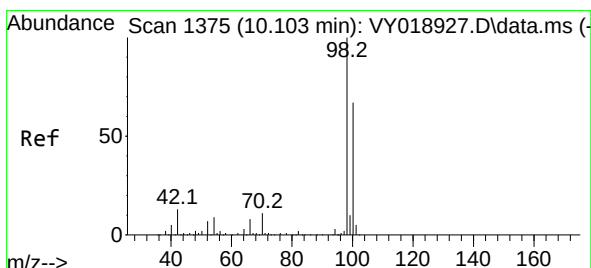
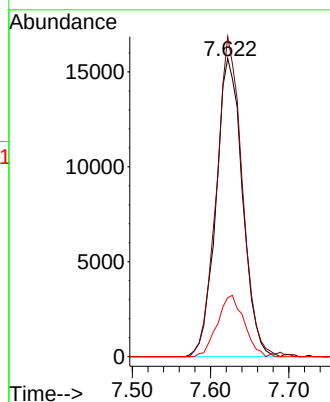
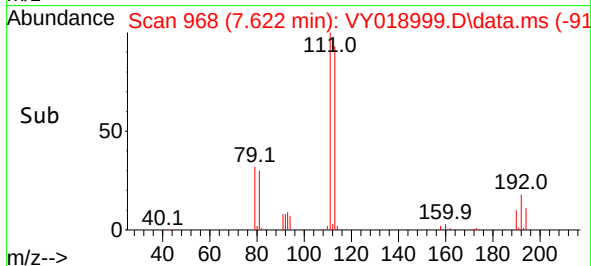
MSVOA_Y

ClientSampleId :

OU4-TS-21-080724



Tgt Ion:	113	Resp:	36812
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.2	123.4
192	20.8	15.9	23.9



#50

Toluene-d8

Concen: 49.698 ug/l

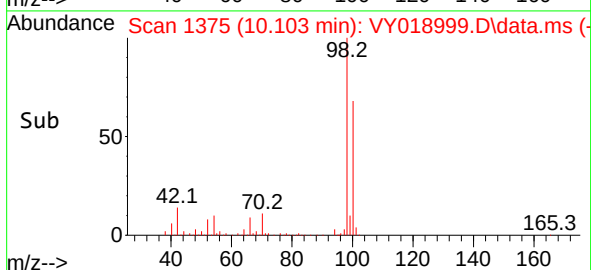
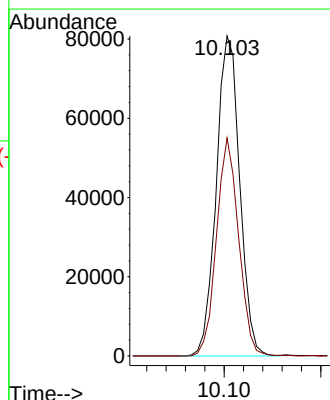
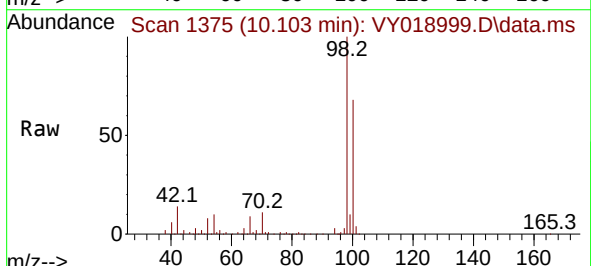
RT: 10.103 min Scan# 1375

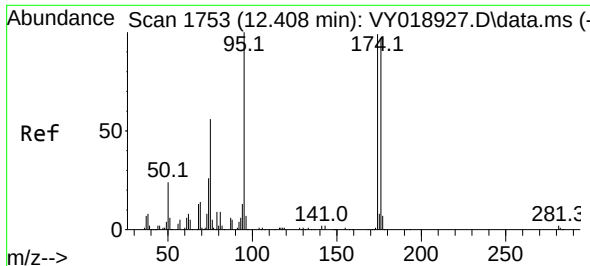
Delta R.T. -0.000 min

Lab File: VY018999.D

Acq: 12 Aug 2024 13:57

Tgt Ion:	98	Resp:	135641
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0

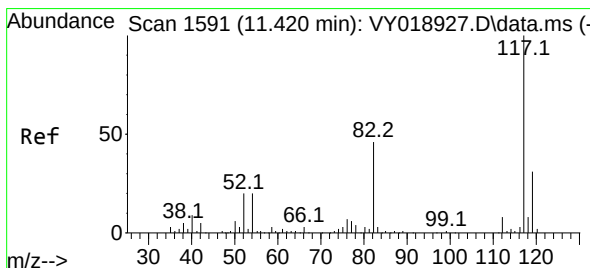
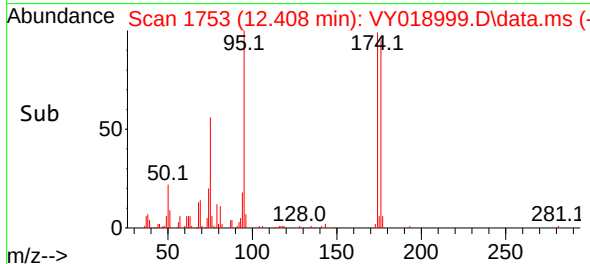
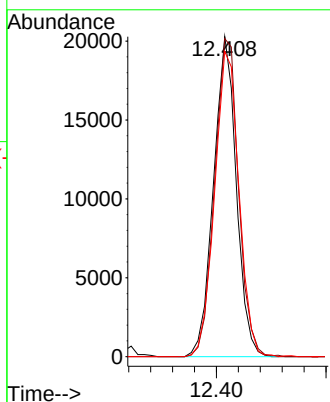
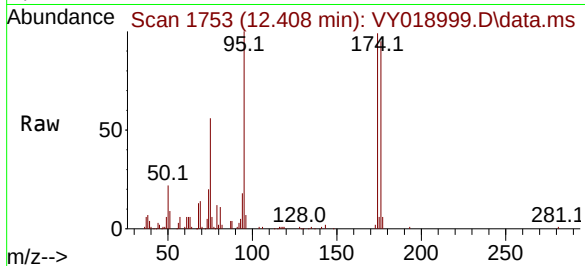




#62
4-Bromofluorobenzene
Concen: 36.072 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018999.D
Acq: 12 Aug 2024 13:57

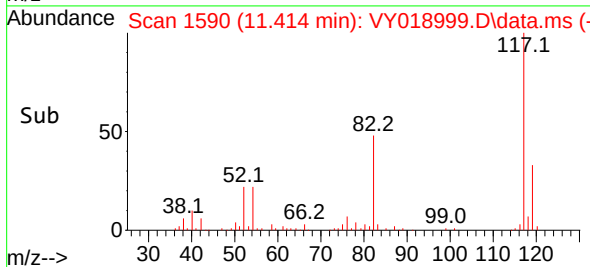
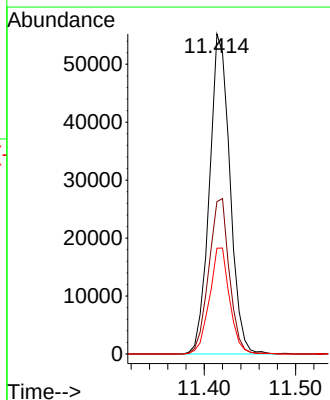
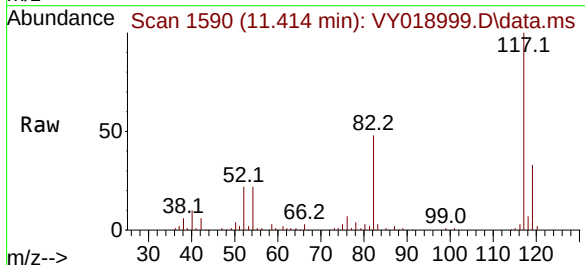
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-21-080724

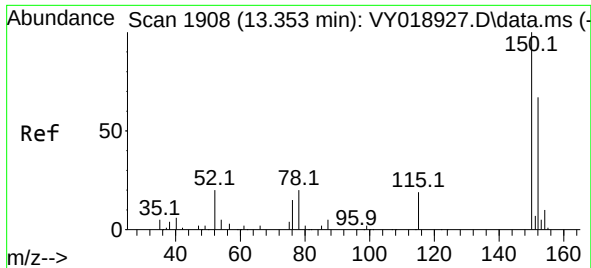
Tgt Ion:	95	Resp:	29208
Ion Ratio	Lower	Upper	
95	100		
174	104.6	0.0	175.6
176	101.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY018999.D
Acq: 12 Aug 2024 13:57

Tgt Ion:	117	Resp:	85877
Ion Ratio	Lower	Upper	
117	100		
82	47.6	42.4	63.6
119	33.0	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY018999.D

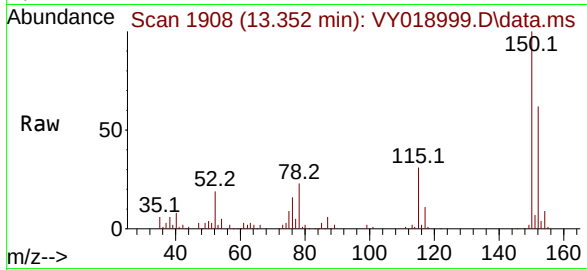
Acq: 12 Aug 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-21-080724



Tgt Ion:152 Resp: 24866

Ion Ratio Lower Upper

152 100

115 50.2 28.2 84.7

150 162.3 0.0 345.6

