

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018971.D
 Acq On : 09 Aug 2024 16:51
 Operator : SY/MD
 Sample : P3518-19
 Misc : 4.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-10-080724

Quant Time: Aug 09 23:29:12 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)

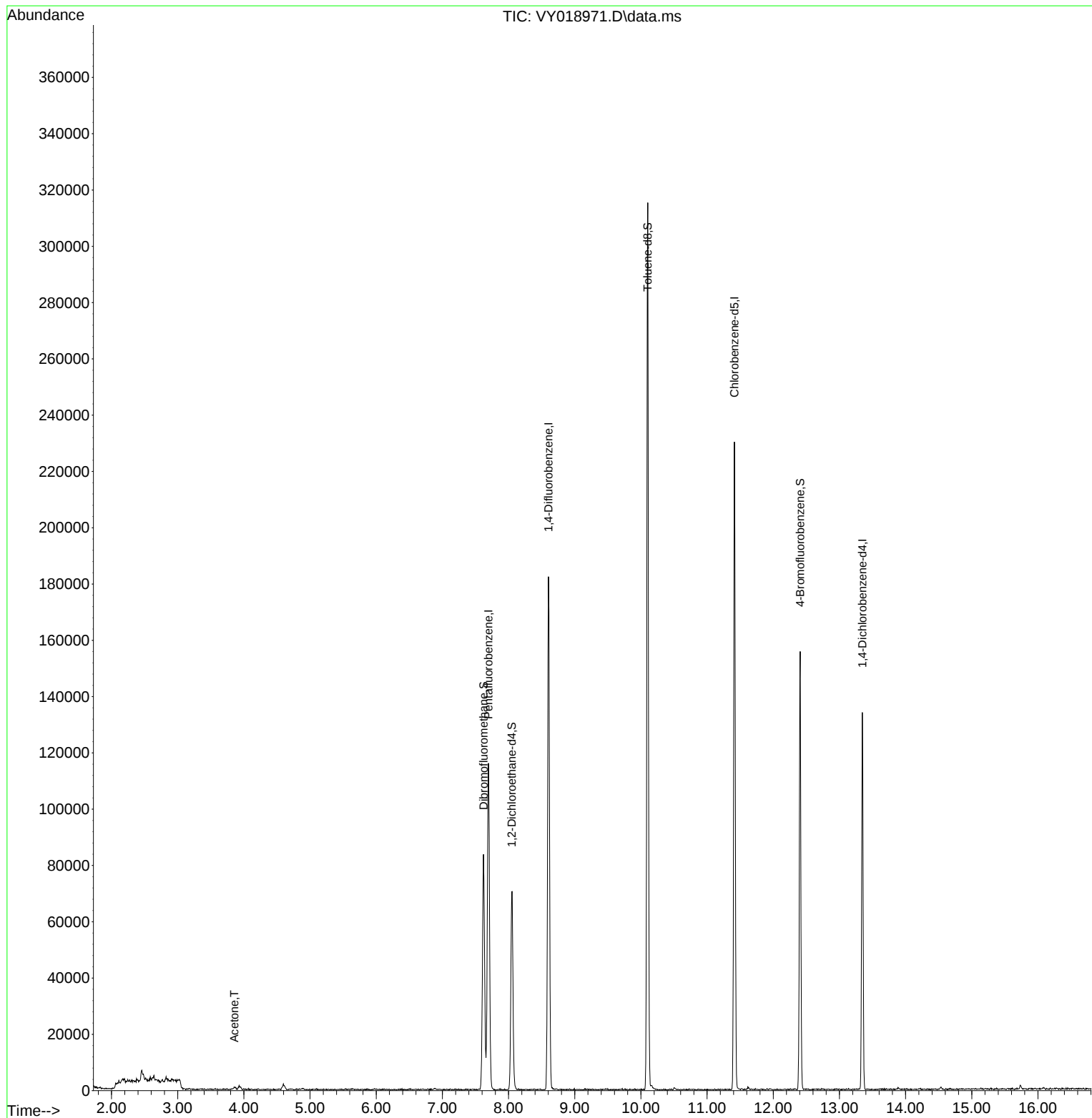
Internal Standards						
1) Pentafluorobenzene	7.695	168	94887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	154648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	112848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	30936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	45799	54.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.940%	
35) Dibromofluoromethane	7.622	113	52432	53.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.160%	
50) Toluene-d8	10.103	98	189371	49.915	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	12.407	95	39201	34.828	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 69.660%	
Target Compounds						
16) Acetone	3.854	43	1146	17.581	ug/l	Qvalue # 86

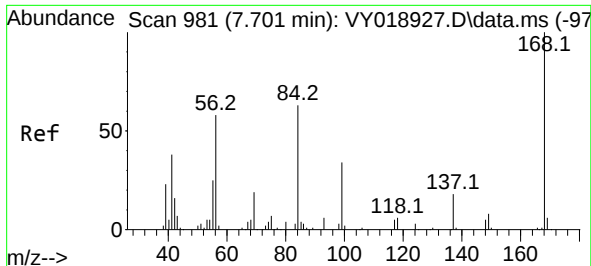
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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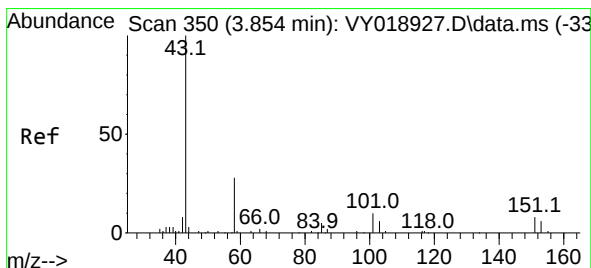
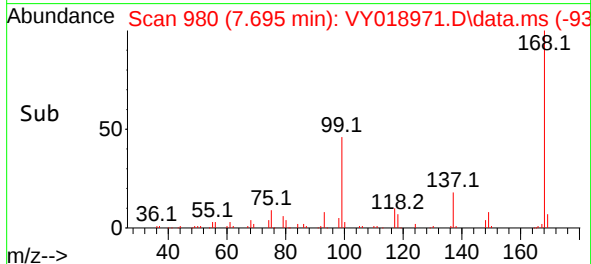
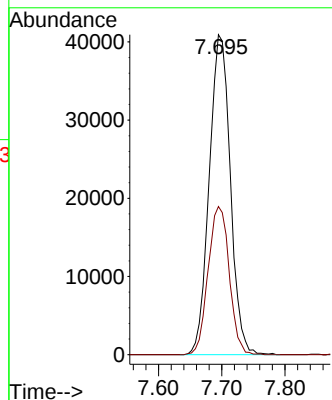
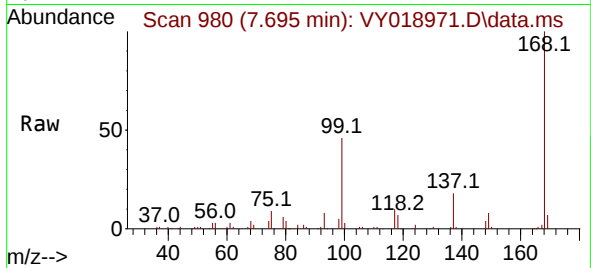




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018971.D
Acq: 09 Aug 2024 16:51

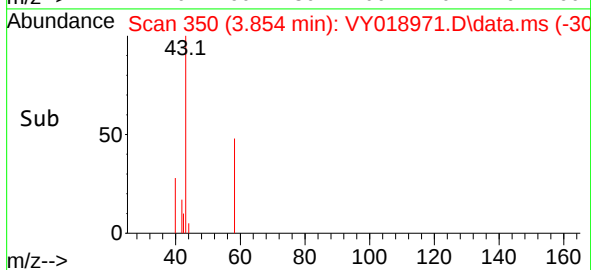
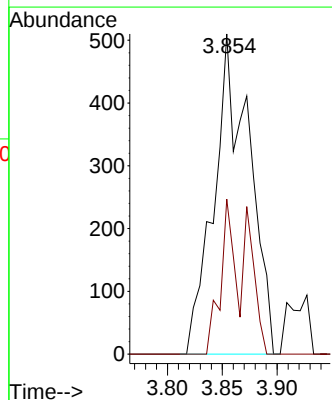
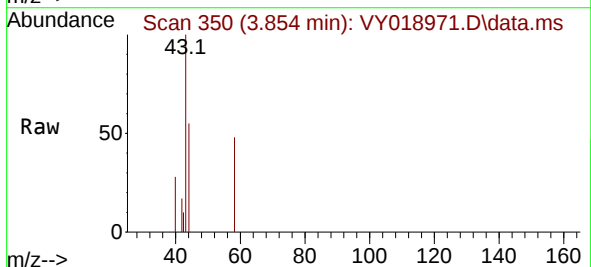
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-10-080724

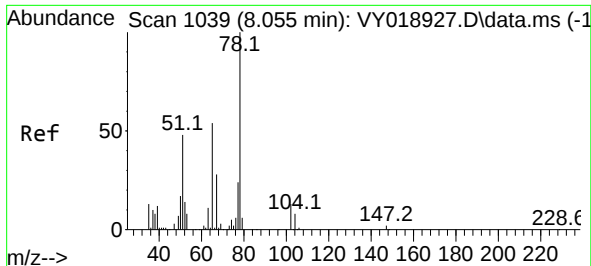
Tgt Ion:168 Resp: 94887
Ion Ratio Lower Upper
168 100
99 46.3 39.1 58.7



#16
Acetone
Concen: 17.581 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY018971.D
Acq: 09 Aug 2024 16:51

Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
58 48.4 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 54.974 ug/l

RT: 8.048 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY018971.D

Acq: 09 Aug 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

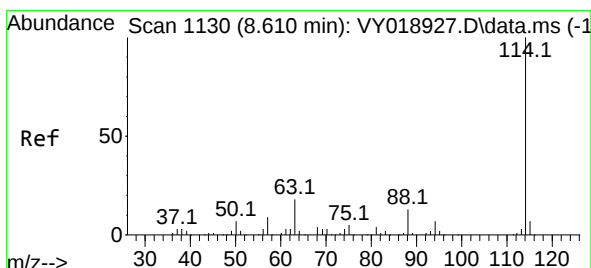
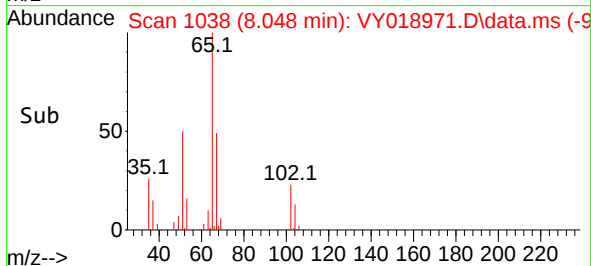
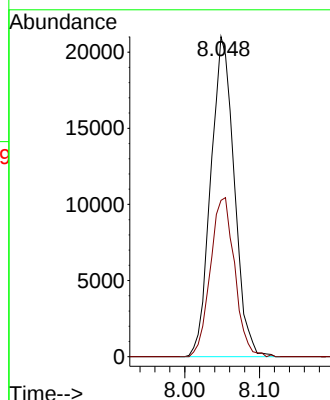
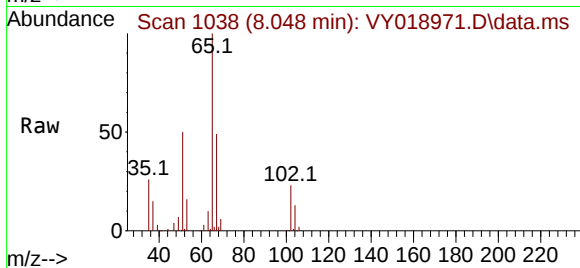
OU4-TS-10-080724

Tgt Ion: 65 Resp: 45799

Ion Ratio Lower Upper

65 100

67 51.5 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: VY018971.D

Acq: 09 Aug 2024 16:51

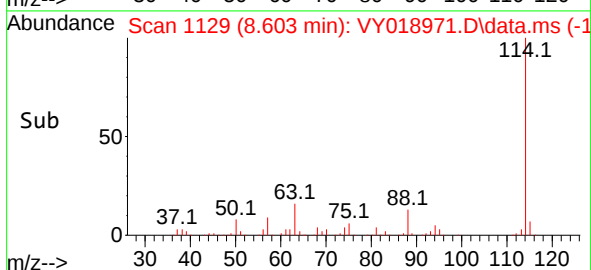
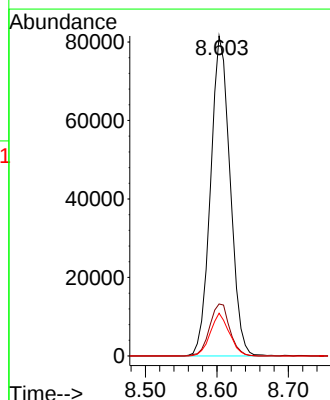
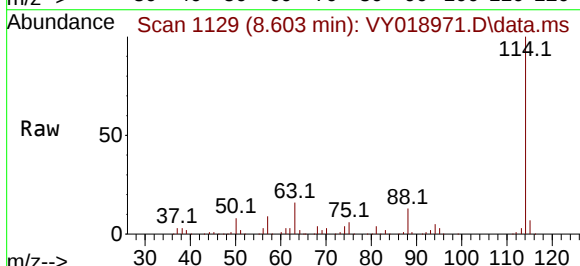
Tgt Ion: 114 Resp: 154648

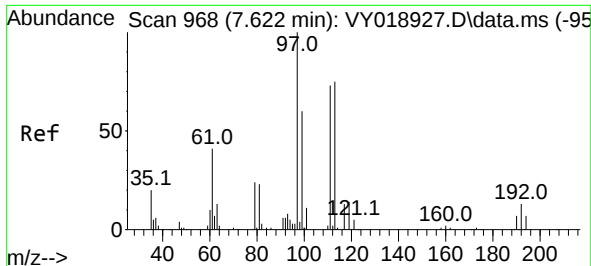
Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

88 13.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.084 ug/l

RT: 7.622 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY018971.D

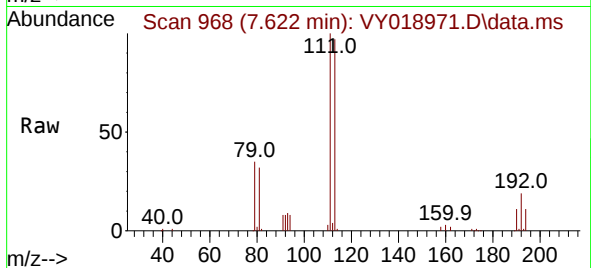
Acq: 09 Aug 2024 16:51

Instrument :

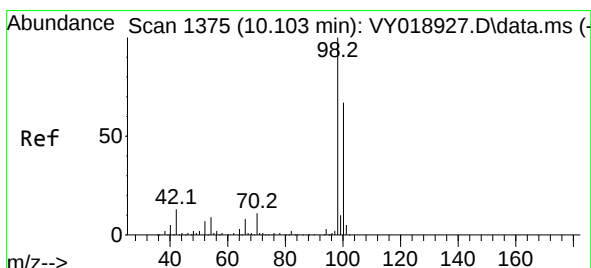
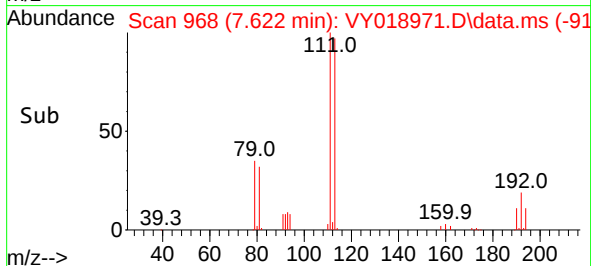
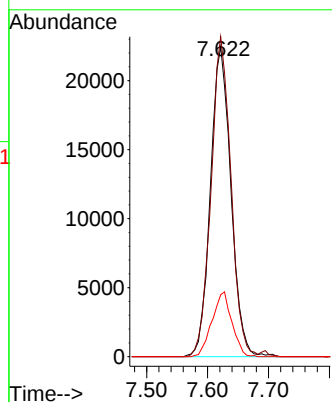
MSVOA_Y

ClientSampleId :

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Tgt Ion:	113	Resp:	52432
Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.2	123.4
192	20.3	15.9	23.9



#50

Toluene-d8

Concen: 49.915 ug/l

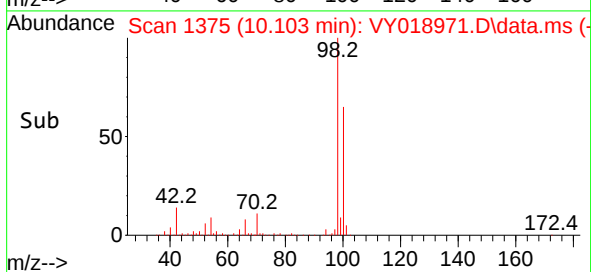
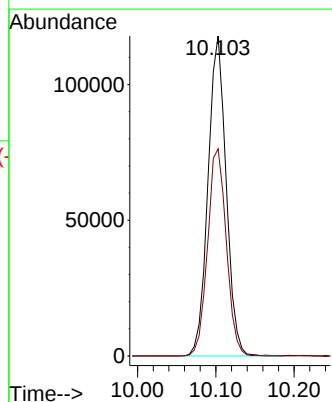
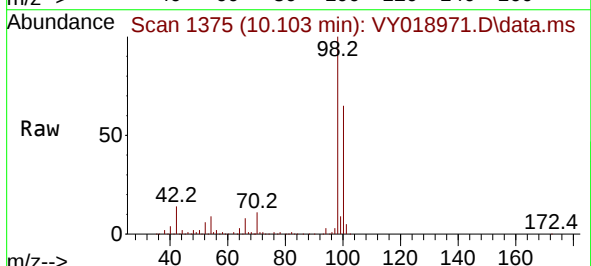
RT: 10.103 min Scan# 1375

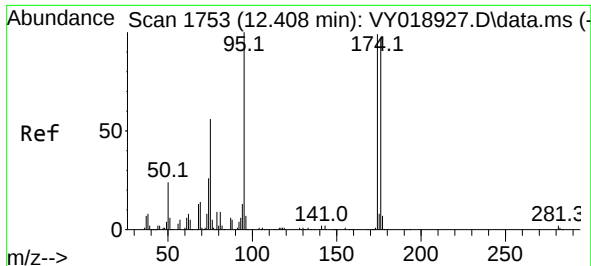
Delta R.T. -0.000 min

Lab File: VY018971.D

Acq: 09 Aug 2024 16:51

Tgt Ion:	98	Resp:	189371
Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.0	78.0

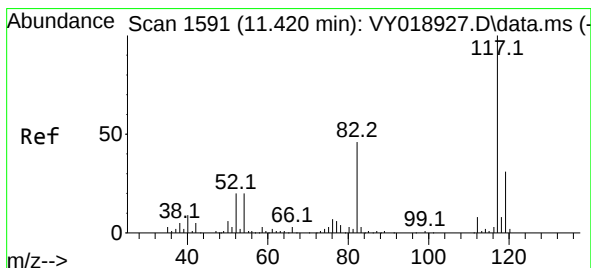
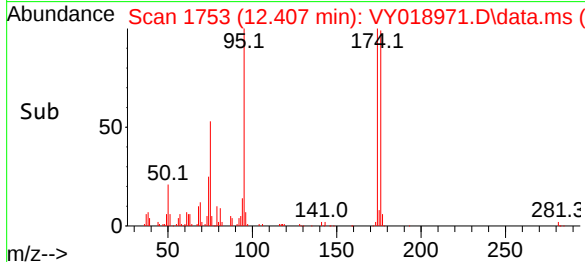
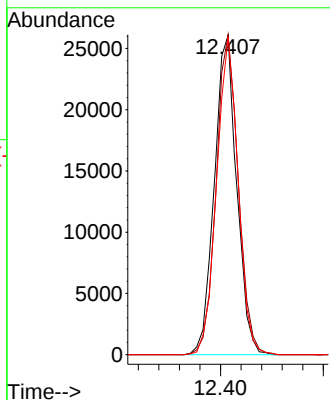
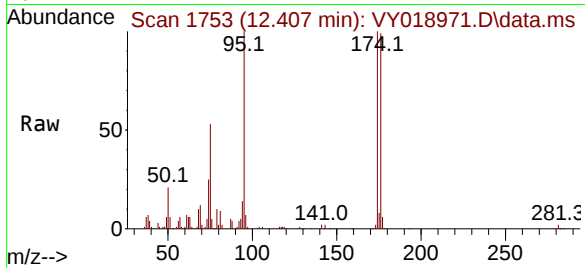




#62
4-Bromofluorobenzene
Concen: 34.828 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018971.D
Acq: 09 Aug 2024 16:51

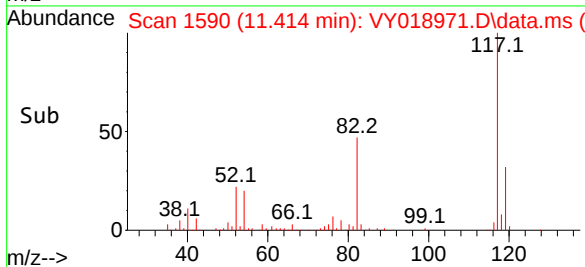
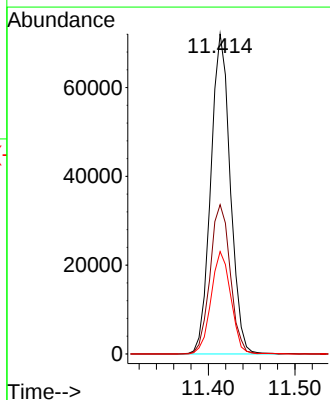
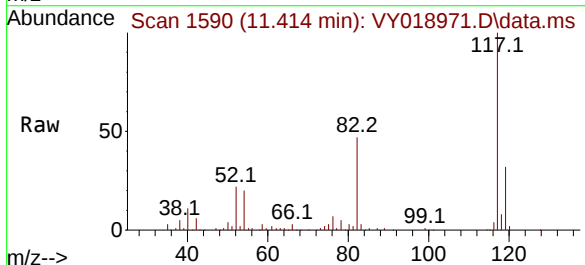
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-10-080724

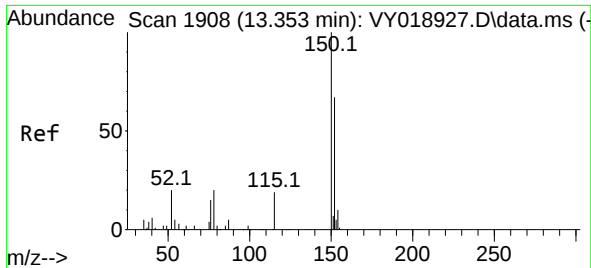
Tgt Ion:	95	Resp:	39201
Ion	Ratio	Lower	Upper
95	100		
174	98.9	0.0	175.6
176	95.7	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY018971.D
Acq: 09 Aug 2024 16:51

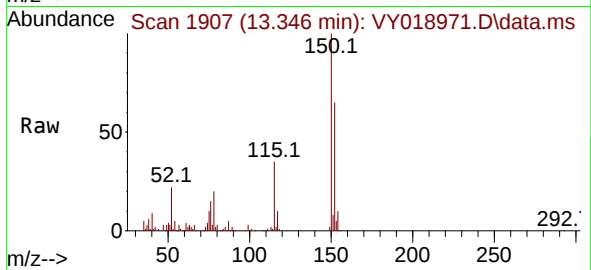
Tgt Ion:	117	Resp:	112848
Ion	Ratio	Lower	Upper
117	100		
82	46.7	42.4	63.6
119	32.0	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY018971.D
 Acq: 09 Aug 2024 16:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-10-080724



Tgt Ion:	152	Resp:	30936
Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.2	84.7
150	158.2	0.0	345.6

