

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019026.D
 Acq On : 13 Aug 2024 13:52
 Operator : SY/MD
 Sample : P3519-05RE
 Misc : 4.16g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-18-080724RE

Quant Time: Aug 14 07:33:38 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)

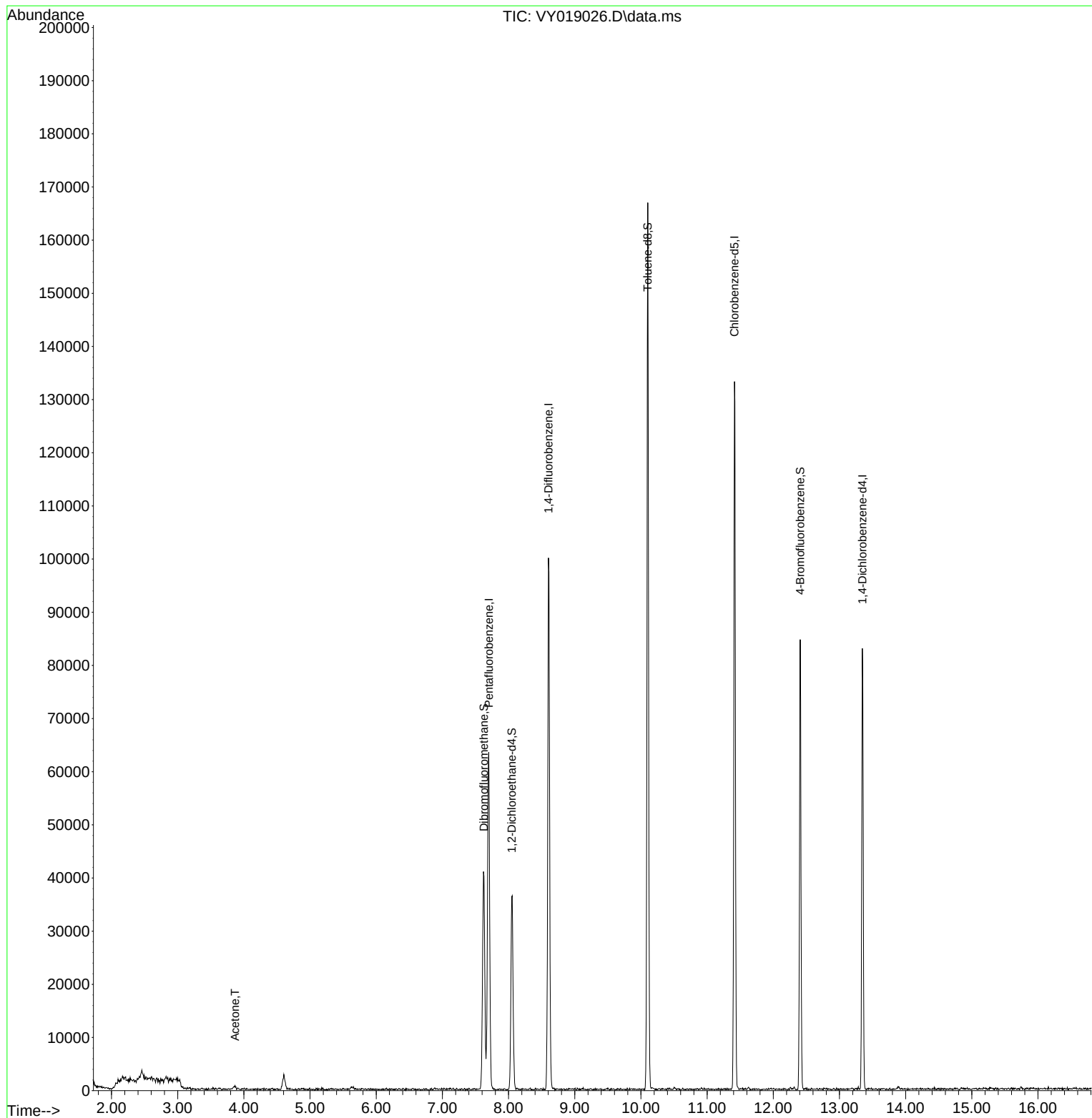
Internal Standards						
1) Pentafluorobenzene	7.701	168	51772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	84560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	68025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	20467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	23511	51.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.440%
35) Dibromofluoromethane	7.628	113	26071	48.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.540%
50) Toluene-d8	10.103	98	98134	47.306	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.407	95	20515	33.334	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.660%
Target Compounds						
16) Acetone	3.866	43	1128	21.652	ug/l	Qvalue # 66

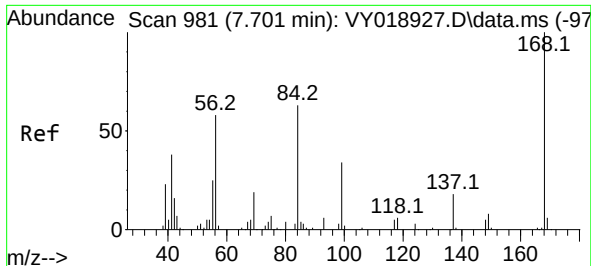
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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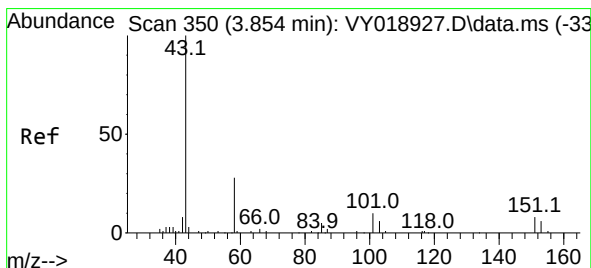
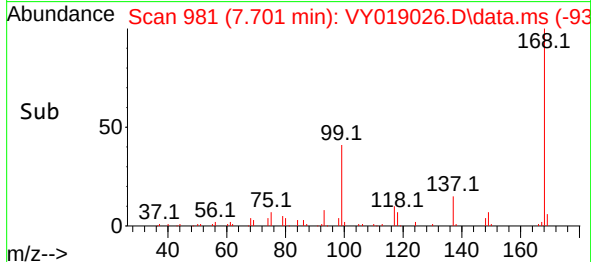
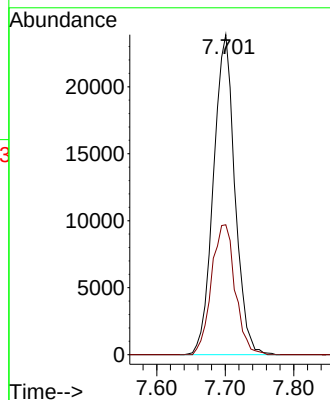
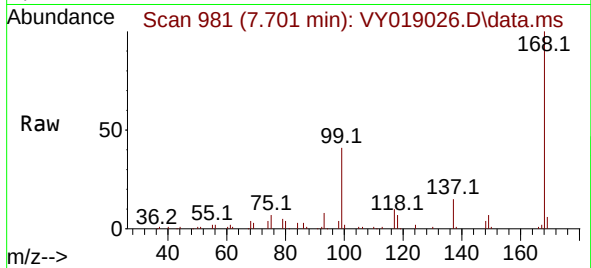




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019026.D
Acq: 13 Aug 2024 13:52

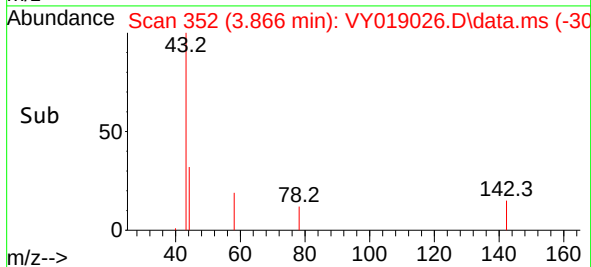
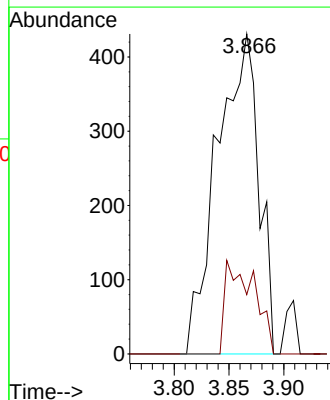
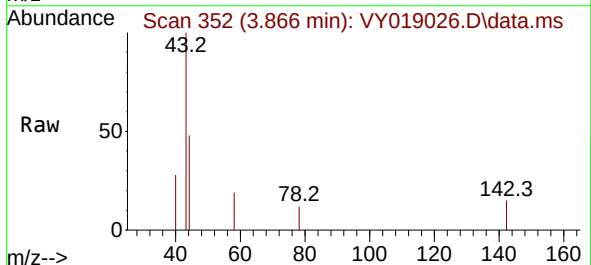
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-18-080724RE

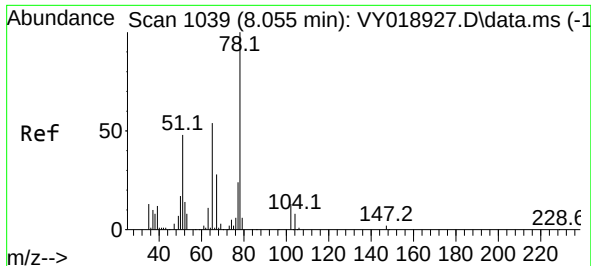
Tgt Ion:168 Resp: 51772
Ion Ratio Lower Upper
168 100
99 40.6 39.1 58.7



#16
Acetone
Concen: 21.652 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019026.D
Acq: 13 Aug 2024 13:52

Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
58 18.6 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 51.723 ug/l

RT: 8.048 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY019026.D

Acq: 13 Aug 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

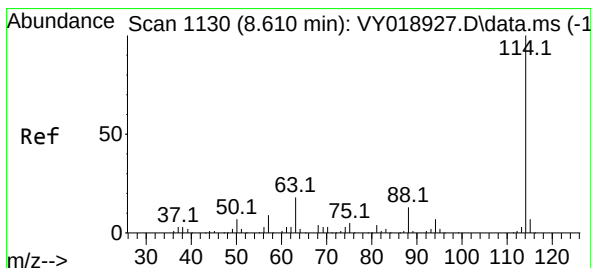
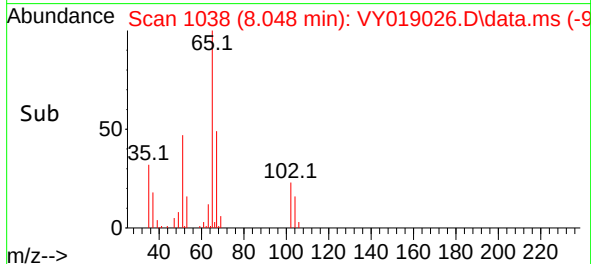
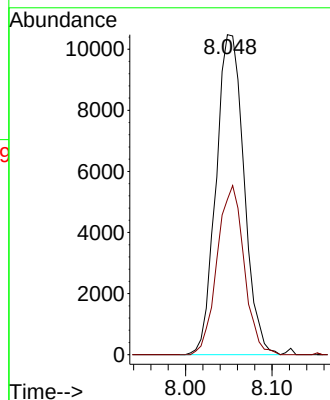
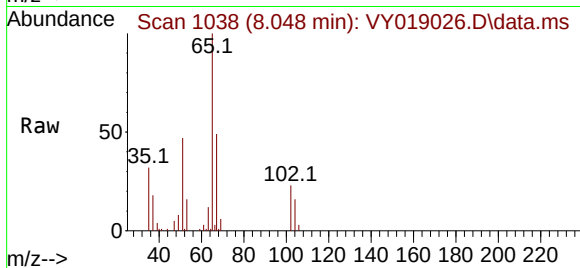
OU4-TS-18-080724RE

Tgt Ion: 65 Resp: 23511

Ion Ratio Lower Upper

65 100

67 51.0 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: VY019026.D

Acq: 13 Aug 2024 13:52

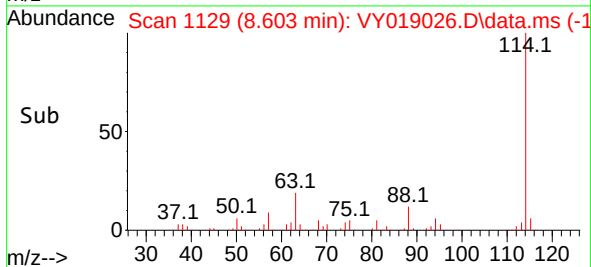
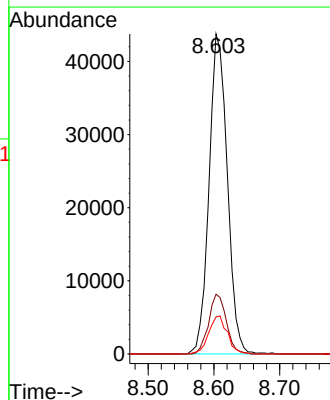
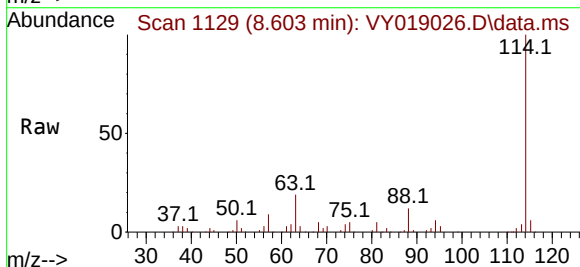
Tgt Ion: 114 Resp: 84560

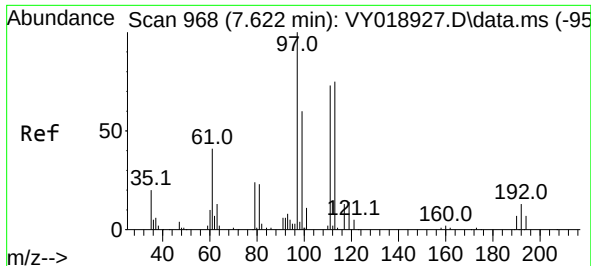
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 11.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.273 ug/l

RT: 7.628 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY019026.D

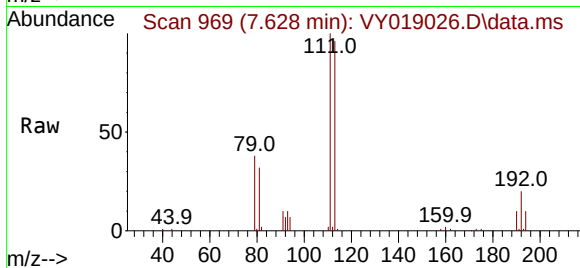
Acq: 13 Aug 2024 13:52

Instrument :

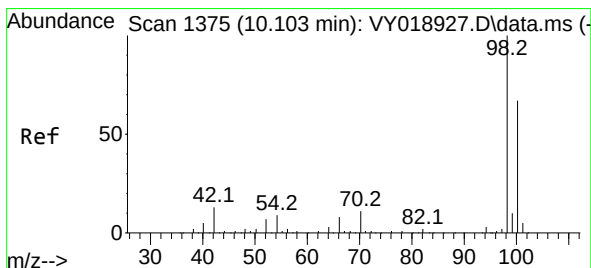
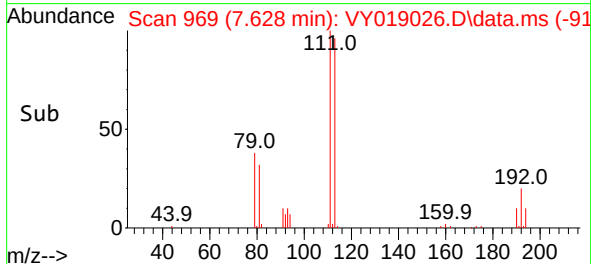
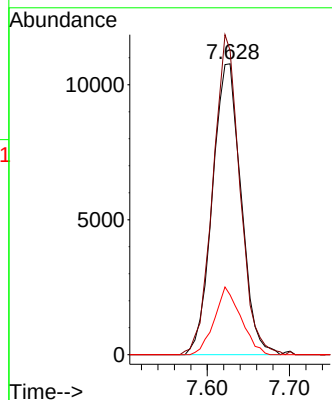
MSVOA_Y

ClientSampleId :

OU4-TS-18-080724RE



Tgt Ion:	113	Resp:	26071
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	21.5	15.9	23.9



#50

Toluene-d8

Concen: 47.306 ug/l

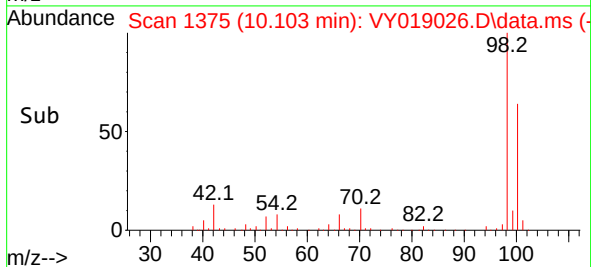
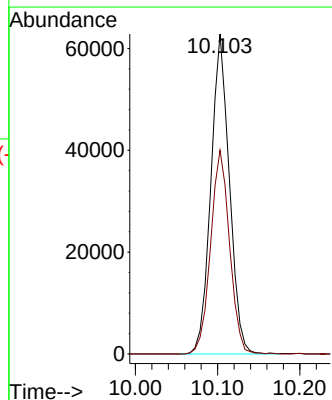
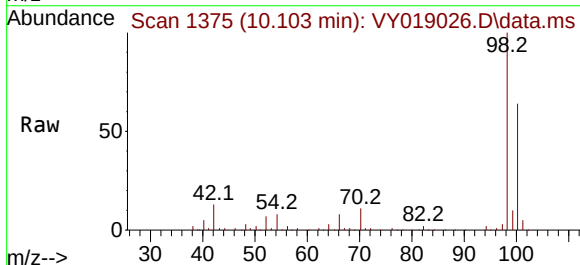
RT: 10.103 min Scan# 1375

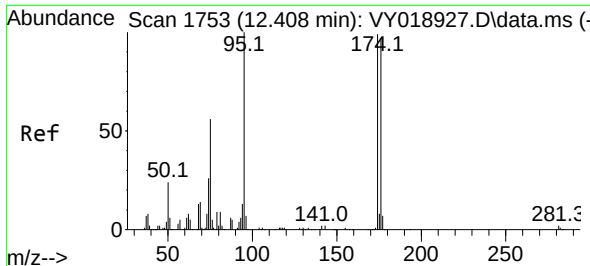
Delta R.T. -0.000 min

Lab File: VY019026.D

Acq: 13 Aug 2024 13:52

Tgt Ion:	98	Resp:	98134
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.0	78.0

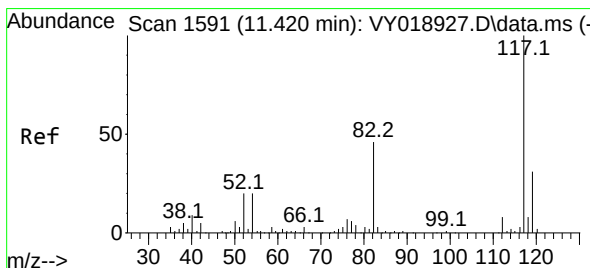
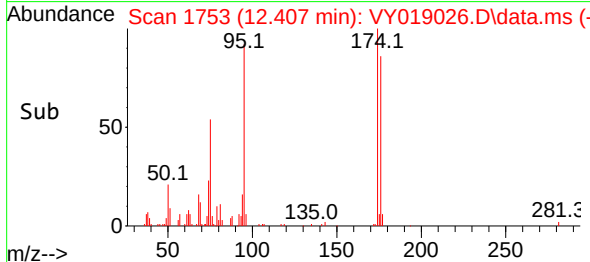
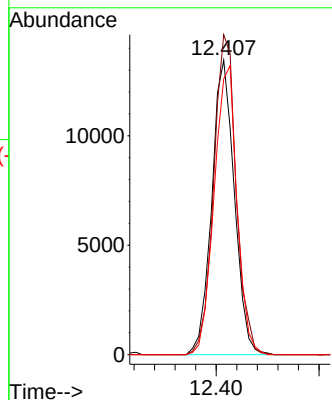
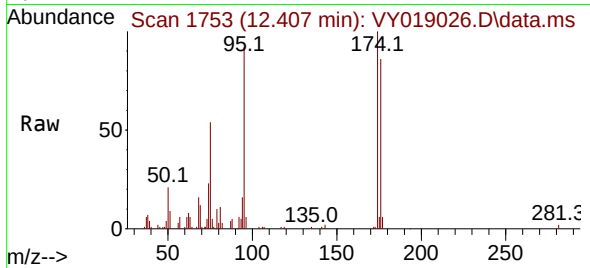




#62
4-Bromofluorobenzene
Concen: 33.334 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019026.D
Acq: 13 Aug 2024 13:52

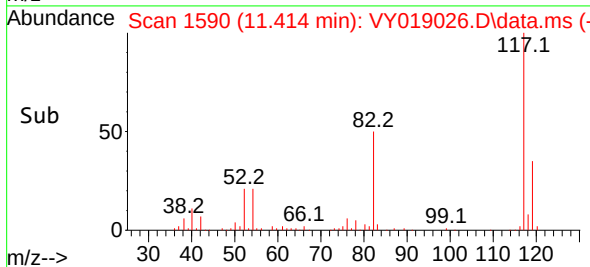
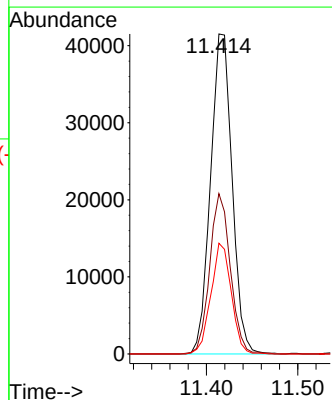
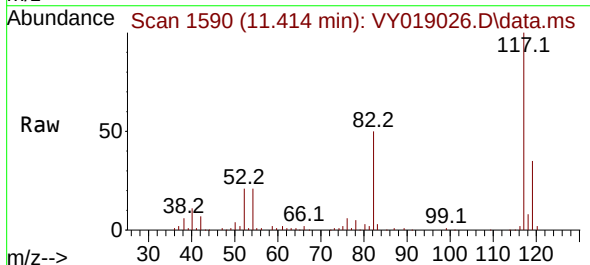
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-18-080724RE

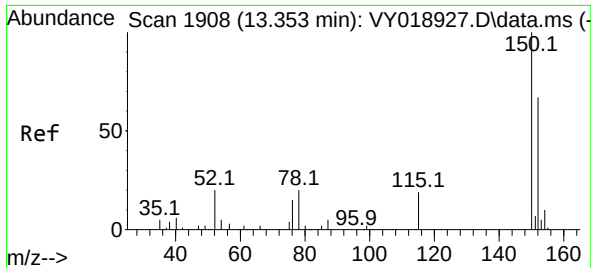
Tgt Ion:	95	Resp:	20515
Ion Ratio	Lower	Upper	
95	100		
174	108.1	0.0	175.6
176	99.0	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019026.D
Acq: 13 Aug 2024 13:52

Tgt Ion:	117	Resp:	68025
Ion Ratio	Lower	Upper	
117	100		
82	50.1	42.4	63.6
119	34.6	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: VY019026.D

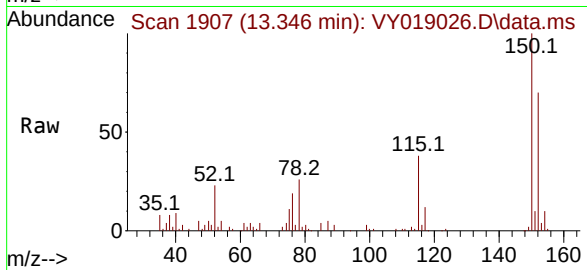
Acq: 13 Aug 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-18-080724RE



Tgt Ion:152 Resp: 20467

Ion Ratio Lower Upper

152 100

115 51.3 28.2 84.7

150 148.6 0.0 345.6

