

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019013.D
 Acq On : 12 Aug 2024 19:39
 Operator : SY/MD
 Sample : P3518-21RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-11-080724RE

Quant Time: Aug 13 01:19:48 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)

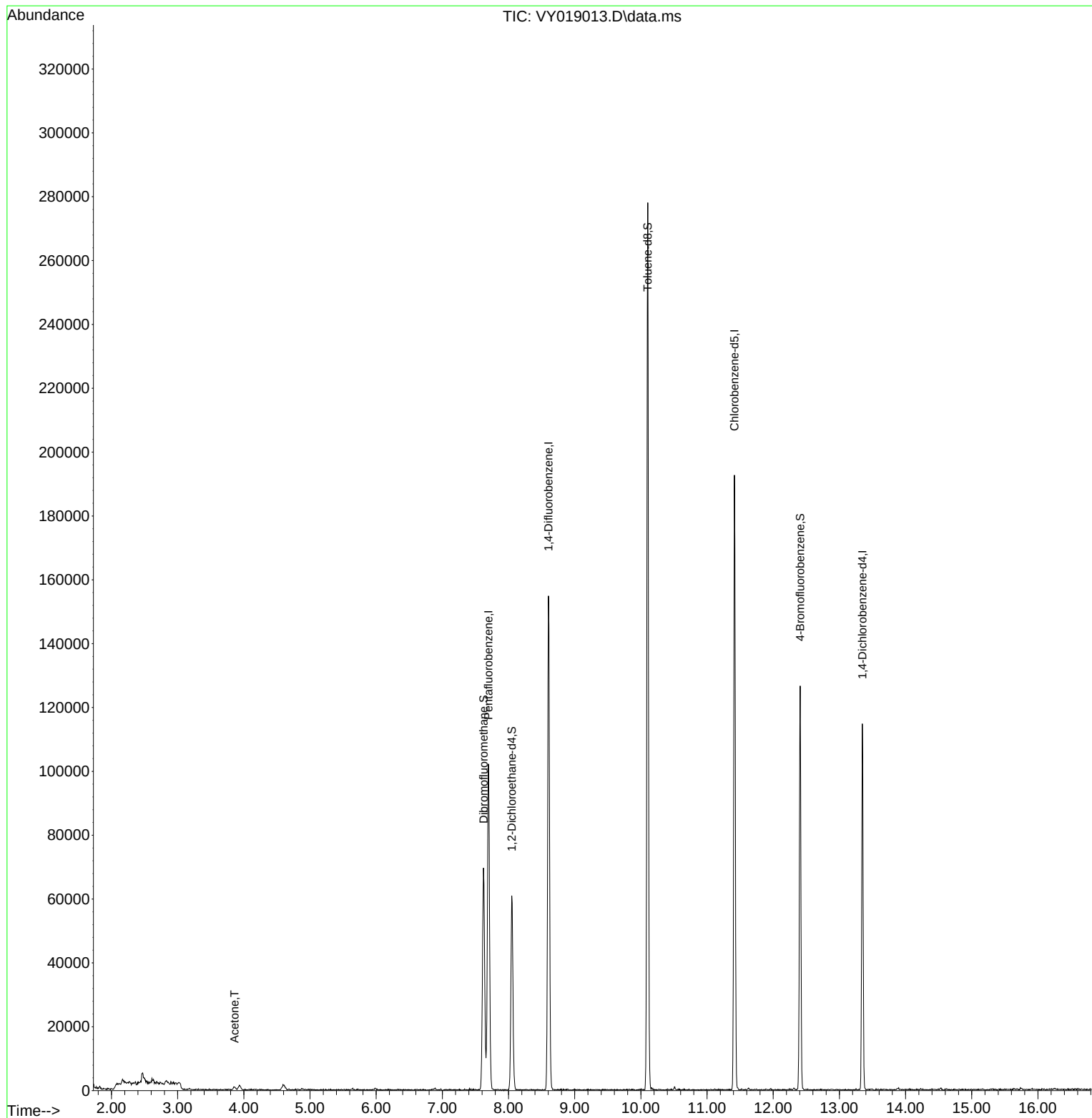
Internal Standards						
1) Pentafluorobenzene	7.695	168	81652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	128027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	93611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	26328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	37644	52.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.020%	
35) Dibromofluoromethane	7.622	113	44052	53.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.740%	
50) Toluene-d8	10.103	98	165483	52.688	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.380%	
62) 4-Bromofluorobenzene	12.408	95	31410	33.709	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 67.420%	
Target Compounds						
16) Acetone	3.860	43	1549	20.470	ug/l	Qvalue 94

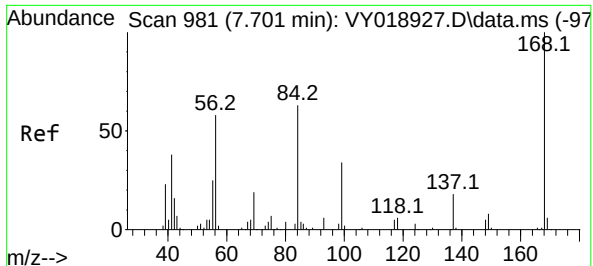
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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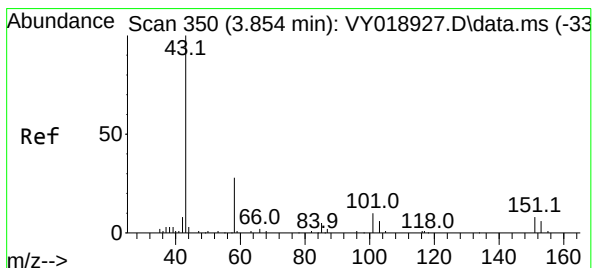
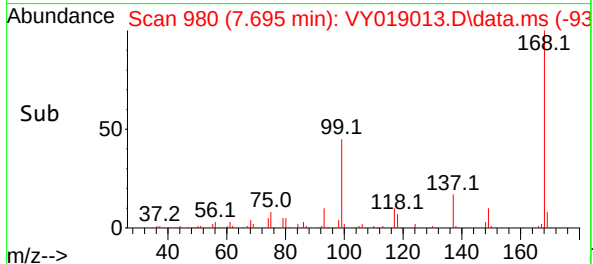
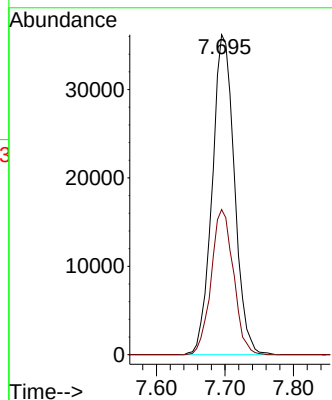
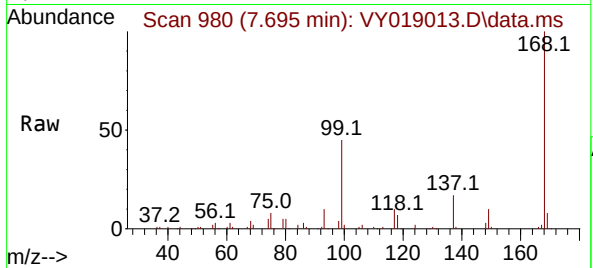




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019013.D
Acq: 12 Aug 2024 19:39

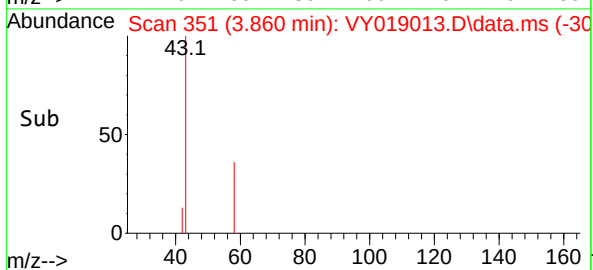
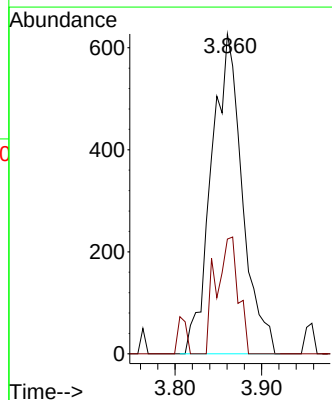
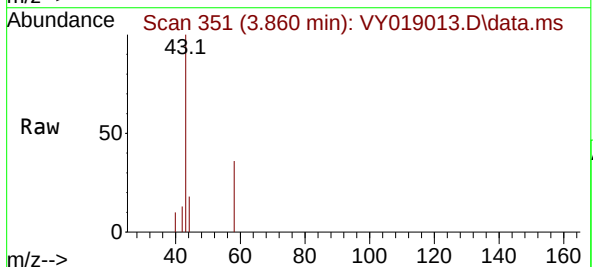
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-11-080724RE

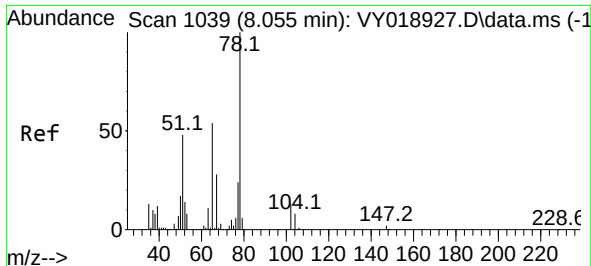
Tgt Ion:168 Resp: 81652
Ion Ratio Lower Upper
168 100
99 45.3 39.1 58.7



#16
Acetone
Concen: 20.470 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019013.D
Acq: 12 Aug 2024 19:39

Tgt Ion: 43 Resp: 1549
Ion Ratio Lower Upper
43 100
58 35.9 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 52.510 ug/l

RT: 8.049 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY019013.D

Acq: 12 Aug 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

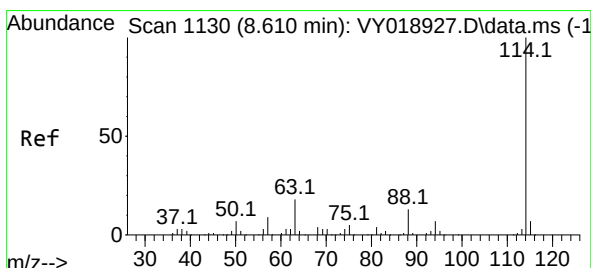
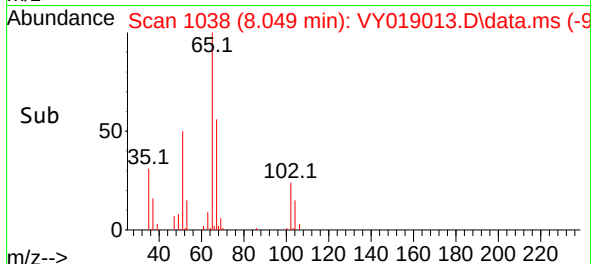
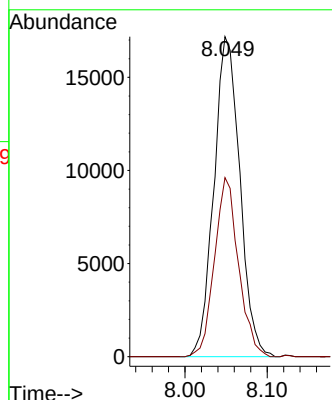
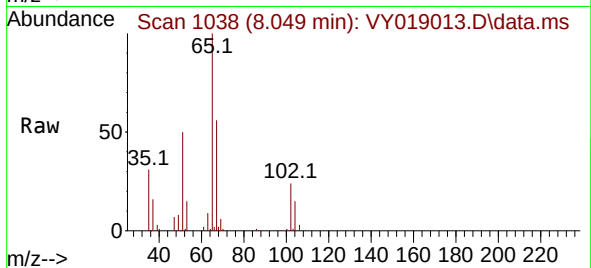
OU4-TS-11-080724RE

Tgt Ion: 65 Resp: 37644

Ion Ratio Lower Upper

65 100

67 51.8 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: VY019013.D

Acq: 12 Aug 2024 19:39

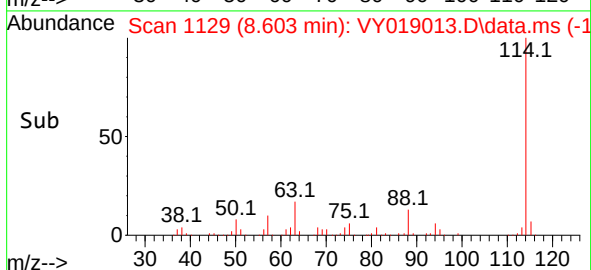
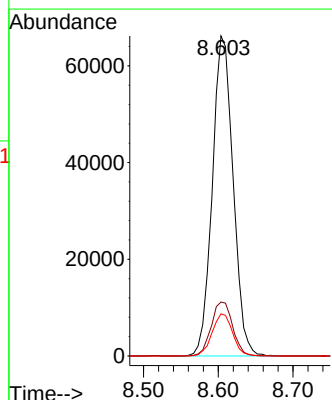
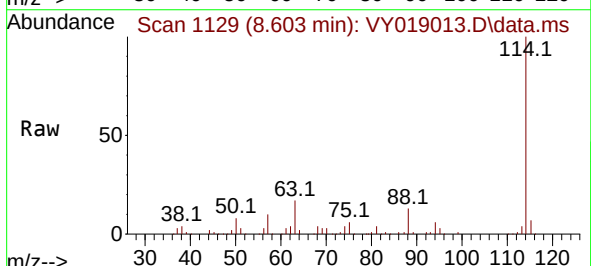
Tgt Ion: 114 Resp: 128027

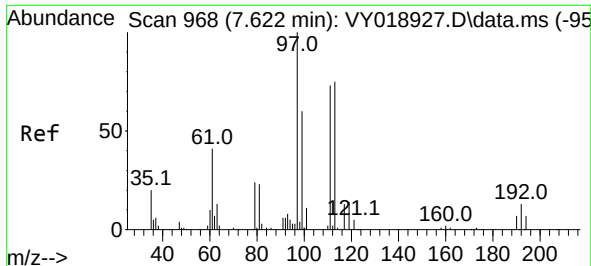
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.1 0.0 27.2

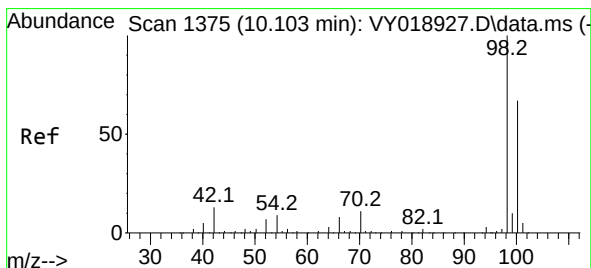
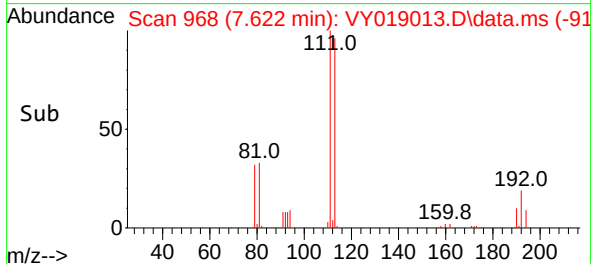
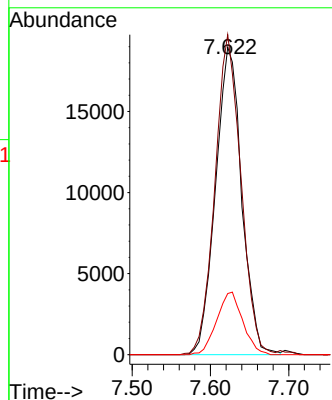
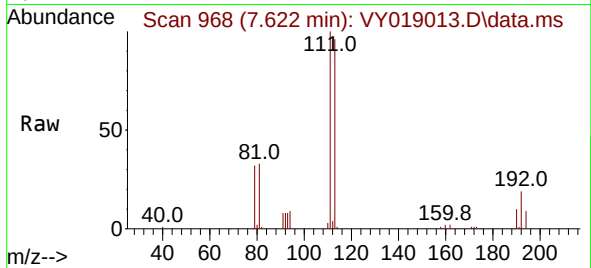




#35
Dibromofluoromethane
Concen: 53.874 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019013.D
Acq: 12 Aug 2024 19:39

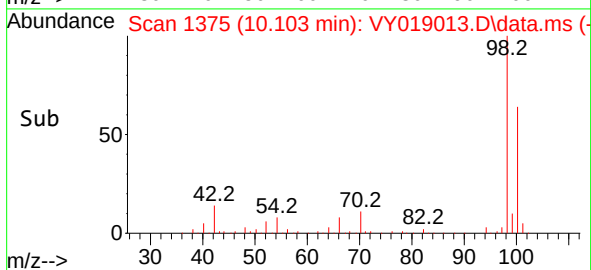
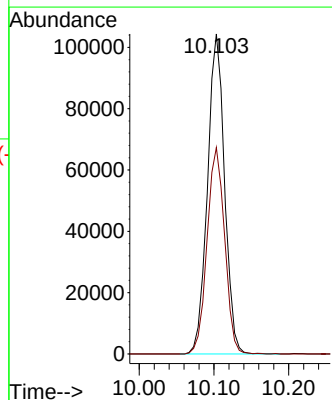
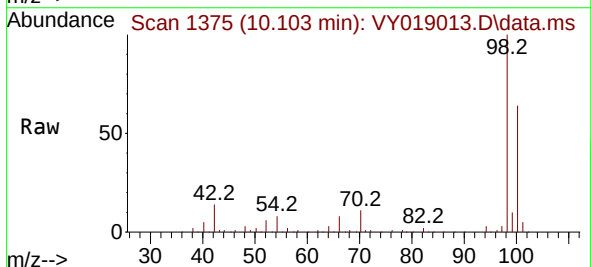
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-11-080724RE

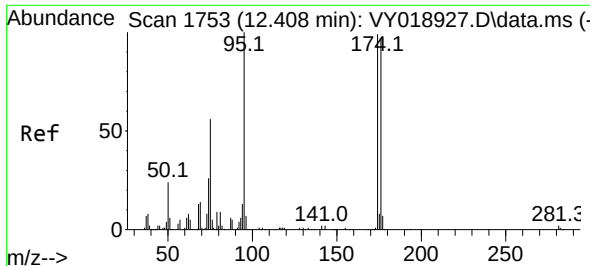
Tgt Ion:113 Resp: 44052
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 20.2 15.9 23.9



#50
Toluene-d8
Concen: 52.688 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019013.D
Acq: 12 Aug 2024 19:39

Tgt Ion: 98 Resp: 165483
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0

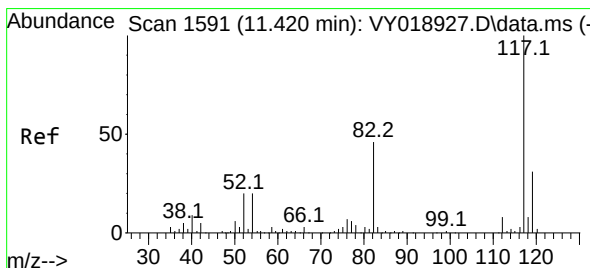
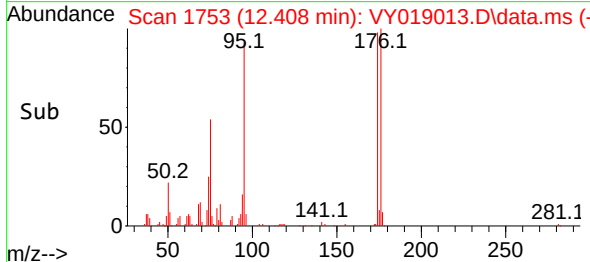
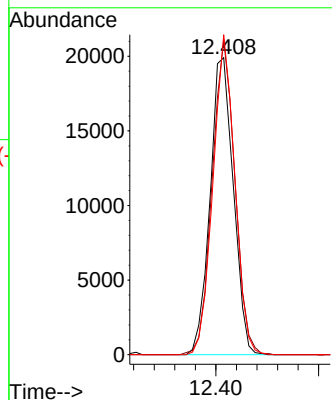
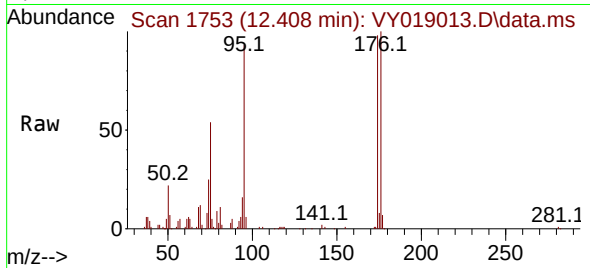




#62
4-Bromofluorobenzene
Concen: 33.709 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019013.D
Acq: 12 Aug 2024 19:39

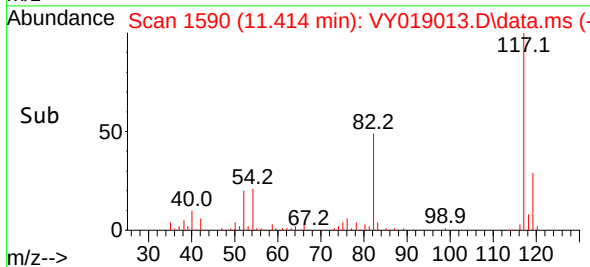
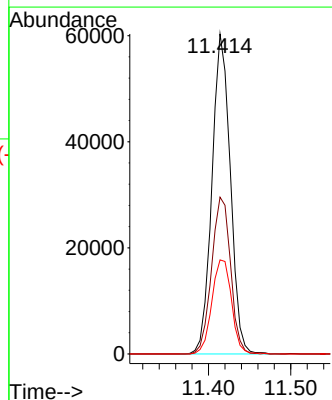
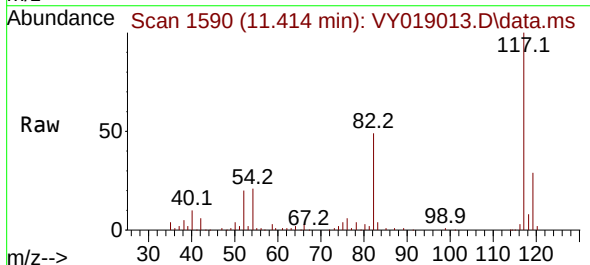
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-11-080724RE

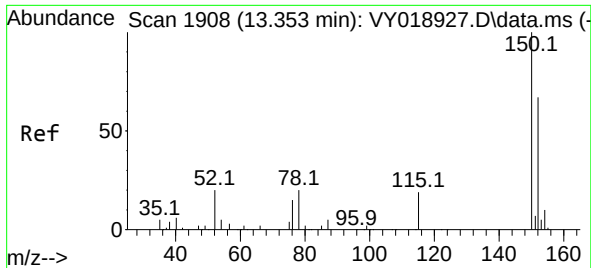
Tgt Ion:	95	Resp:	31410
Ion	Ratio	Lower	Upper
95	100		
174	102.8	0.0	175.6
176	100.4	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019013.D
Acq: 12 Aug 2024 19:39

Tgt Ion:	117	Resp:	93611
Ion	Ratio	Lower	Upper
117	100		
82	49.0	42.4	63.6
119	29.4	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019013.D

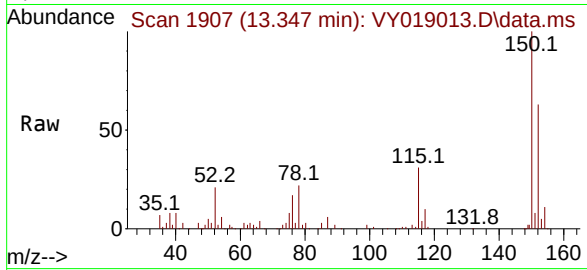
Acq: 12 Aug 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-11-080724RE



Tgt Ion:152 Resp: 26328

Ion Ratio Lower Upper

152 100

115 52.6 28.2 84.7

150 159.1 0.0 345.6

