

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019159.D
 Acq On : 20 Aug 2024 18:29
 Operator : SY/MD
 Sample : P3643-12
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 21 01:33:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

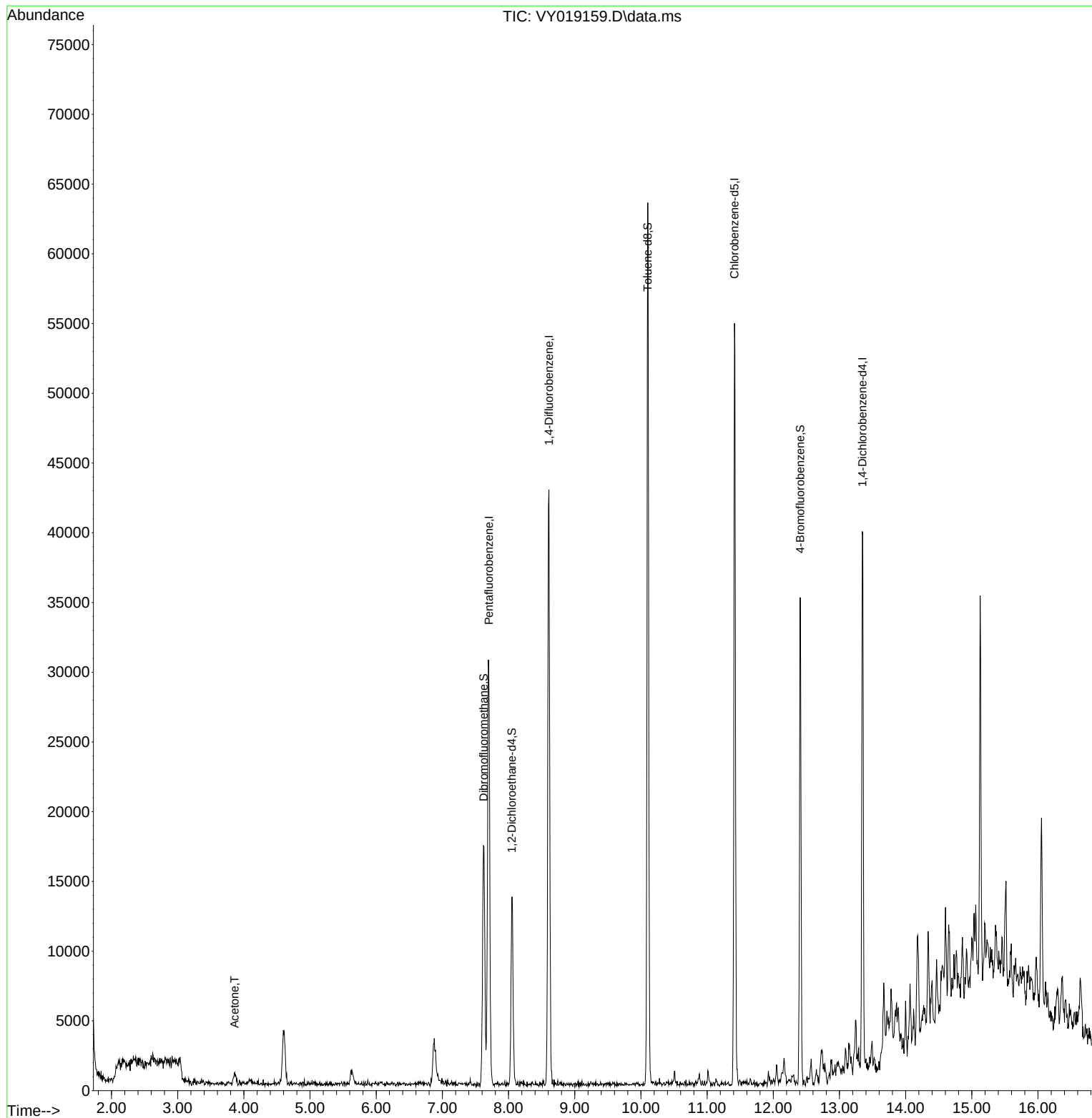
Internal Standards						
1) Pentafluorobenzene	7.701	168	24592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	37174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	29689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	9743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	10352	41.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.980%
35) Dibromofluoromethane	7.622	113	11995	49.349	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.103	98	40746	46.582	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.407	95	10589	35.511	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	71.020%
Target Compounds						
16) Acetone	3.860	43	1325	28.983	ug/l	Qvalue # 72

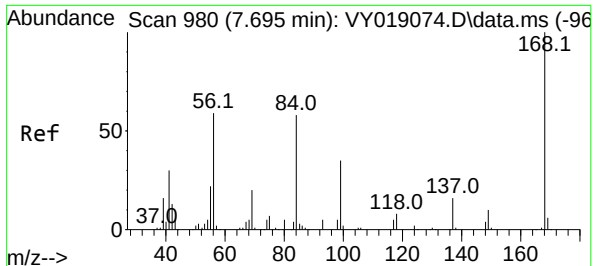
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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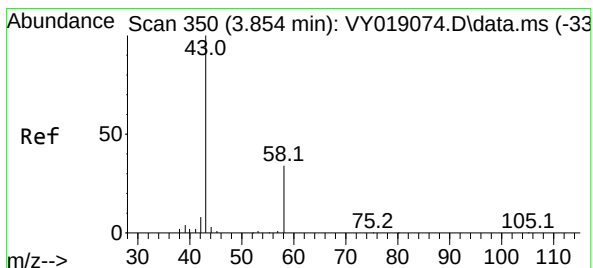
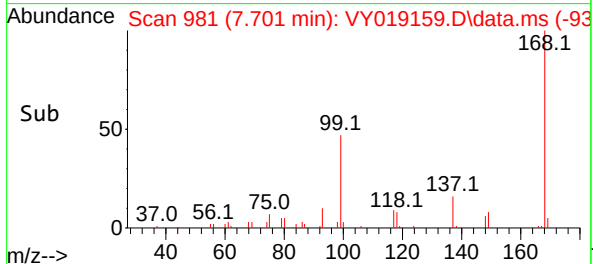
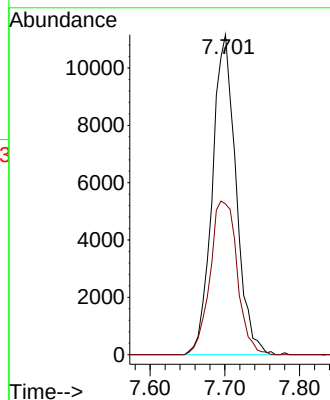
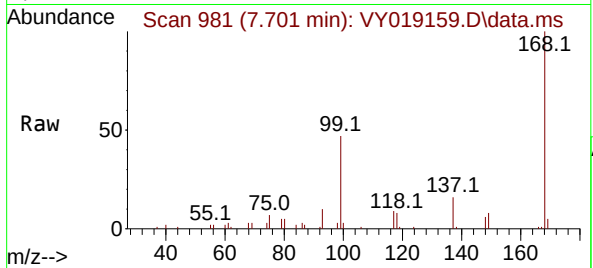




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019159.D
Acq: 20 Aug 2024 18:29

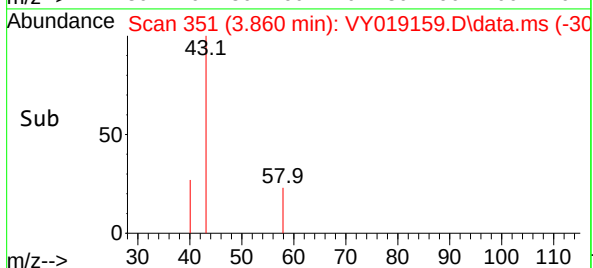
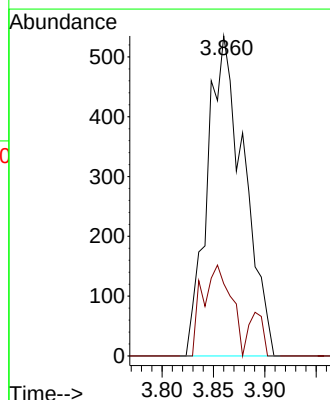
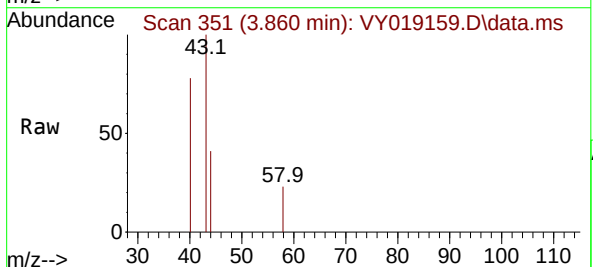
Instrument :
MSVOA_Y
ClientSampleId :

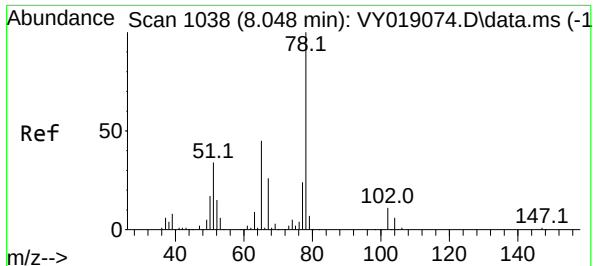
Tgt Ion:168 Resp: 24592
Ion Ratio Lower Upper
168 100
99 47.1 39.1 58.7



#16
Acetone
Concen: 28.983 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019159.D
Acq: 20 Aug 2024 18:29

Tgt Ion: 43 Resp: 1325
Ion Ratio Lower Upper
43 100
58 22.6 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 41.993 ug/l

RT: 8.048 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019159.D

Acq: 20 Aug 2024 18:29

Instrument :

MSVOA_Y

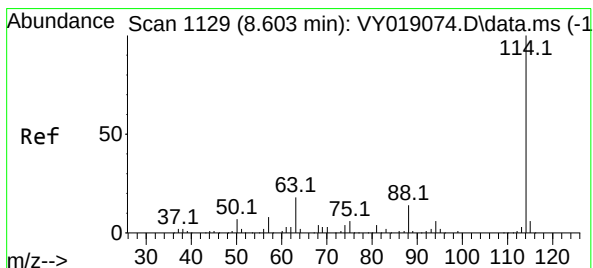
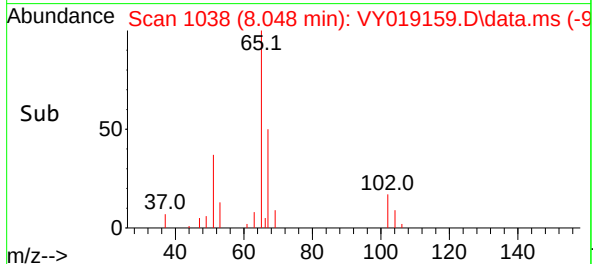
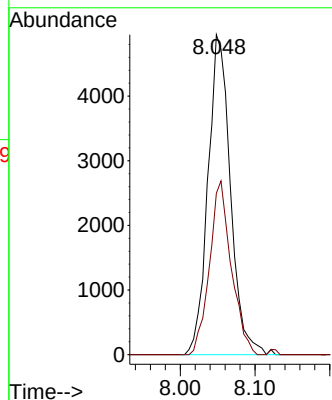
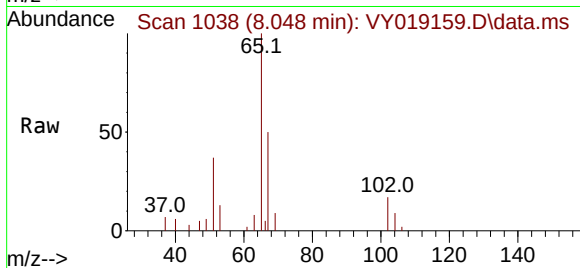
ClientSampleId :

Tgt Ion: 65 Resp: 10352

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019159.D

Acq: 20 Aug 2024 18:29

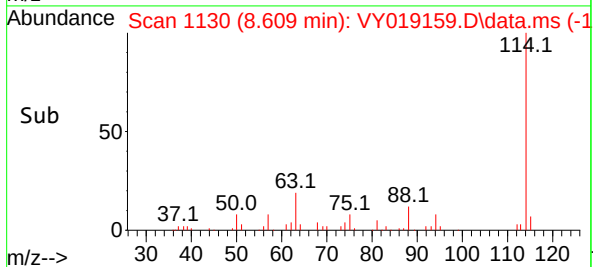
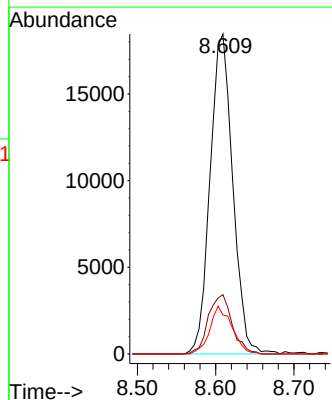
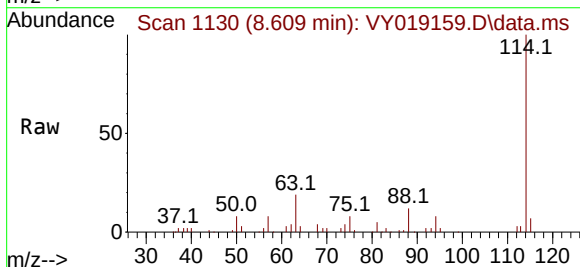
Tgt Ion: 114 Resp: 37174

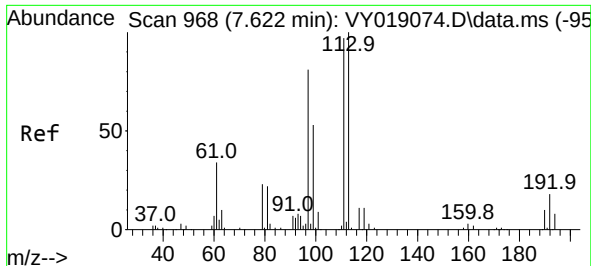
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 12.2 0.0 27.2

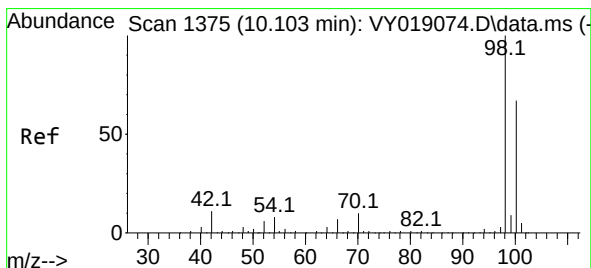
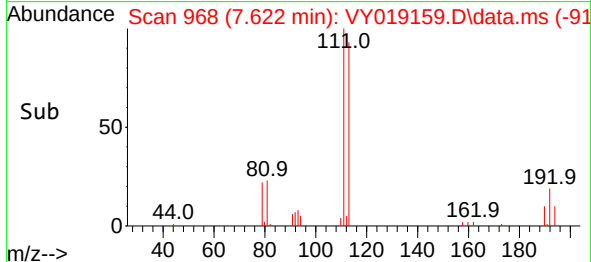
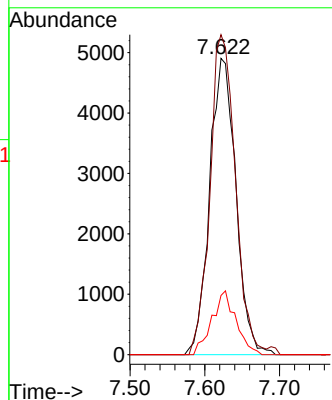
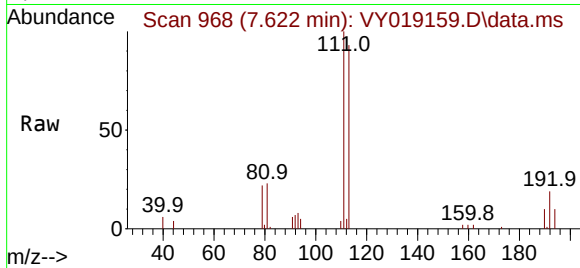




#35
 Dibromofluoromethane
 Concen: 49.349 ug/l
 RT: 7.622 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY019159.D
 Acq: 20 Aug 2024 18:29

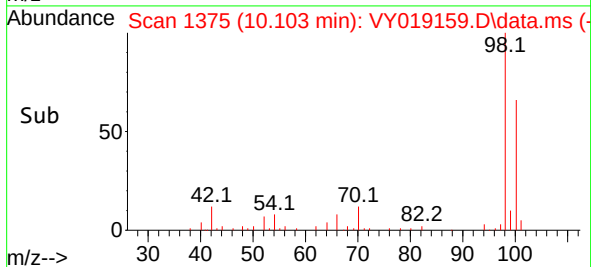
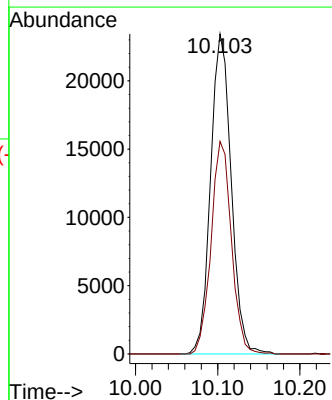
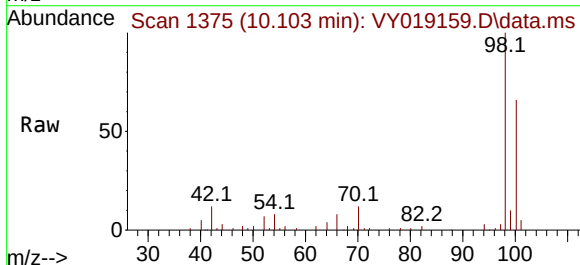
Instrument :
 MSVOA_Y
 ClientSampleId :

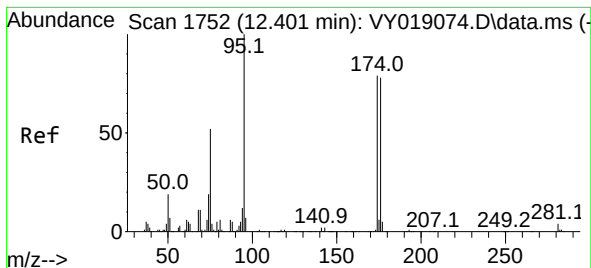
Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.2	123.4
192	19.7	15.9	23.9



#50
 Toluene-d8
 Concen: 46.582 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. -0.000 min
 Lab File: VY019159.D
 Acq: 20 Aug 2024 18:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.0	78.0

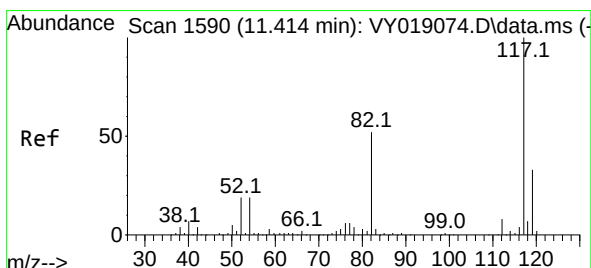
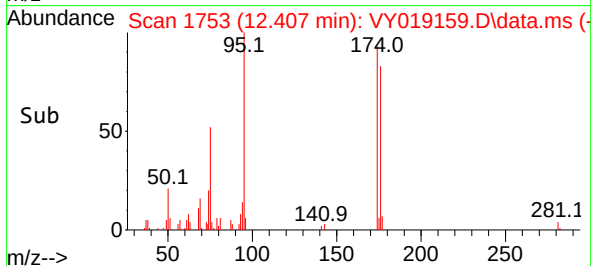
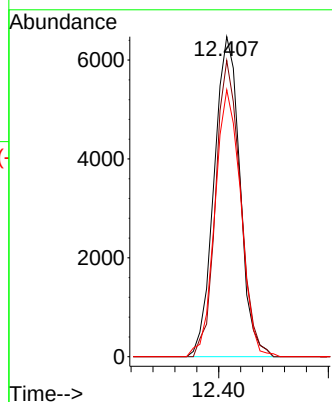
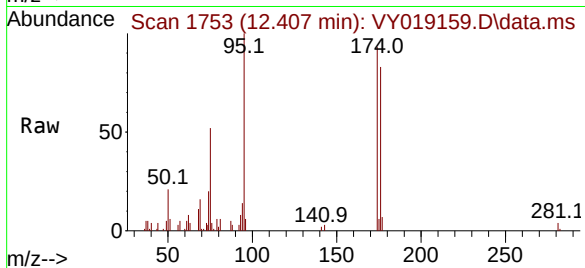




#62
4-Bromofluorobenzene
Concen: 35.511 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019159.D
Acq: 20 Aug 2024 18:29

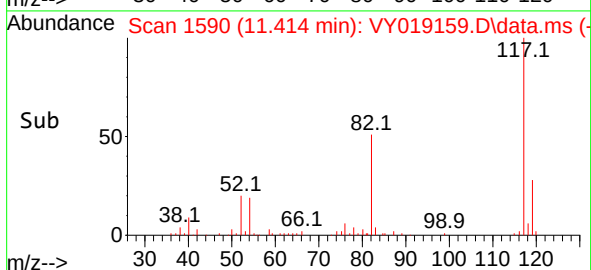
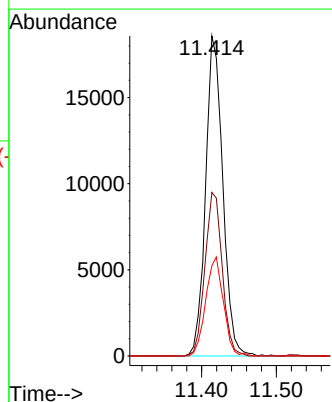
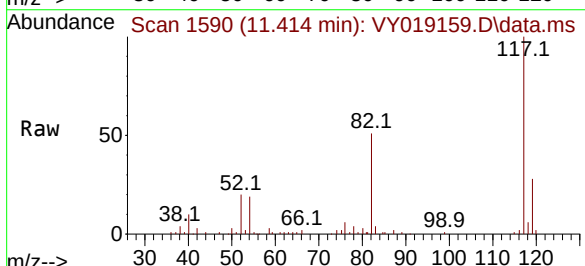
Instrument :
MSVOA_Y
ClientSampleId :

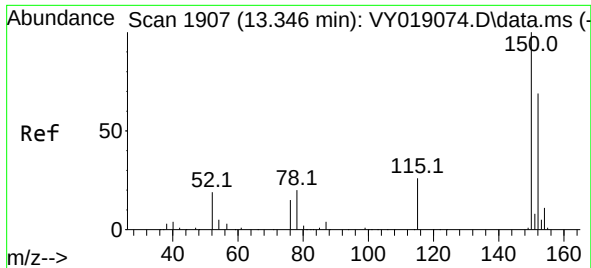
Tgt Ion: 95	Resp: 10589
Ion Ratio	Lower Upper
95 100	
174 88.6	0.0 175.6
176 83.5	0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY019159.D
Acq: 20 Aug 2024 18:29

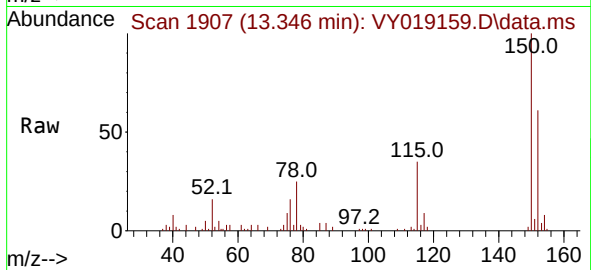
Tgt Ion: 117	Resp: 29689
Ion Ratio	Lower Upper
117 100	
82 51.1	42.4 63.6
119 28.2	25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY019159.D
 Acq: 20 Aug 2024 18:29

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:152 Resp: 9743
 Ion Ratio Lower Upper
 152 100
 115 62.0 28.2 84.7
 150 166.7 0.0 345.6

