

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018310.D
 Acq On : 17 May 2024 15:58
 Operator : SY/MD
 Sample : P2513-04RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14RE

Quant Time: May 18 00:51:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

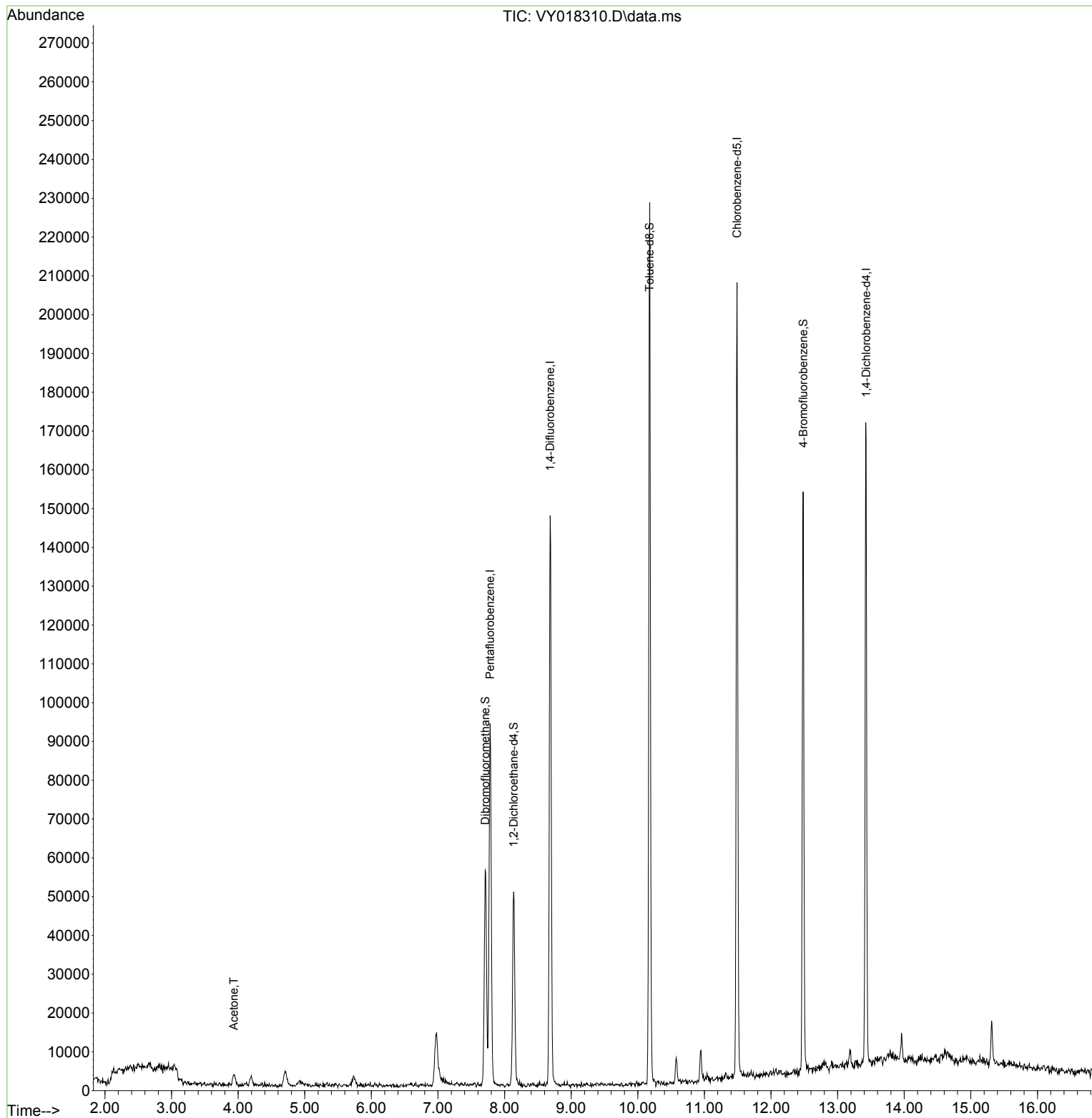
Internal Standards						
1) Pentafluorobenzene	7.782	168	71703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	133099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	114418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	42499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37115	70.361	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.720%
35) Dibromofluoromethane	7.709	113	39990	57.170	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.340%
50) Toluene-d8	10.178	98	149163	54.114	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.220%
62) 4-Bromofluorobenzene	12.483	95	45435	51.041	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.080%
Target Compounds						
16) Acetone	3.936	43	4899	46.539	ug/l	Qvalue 95

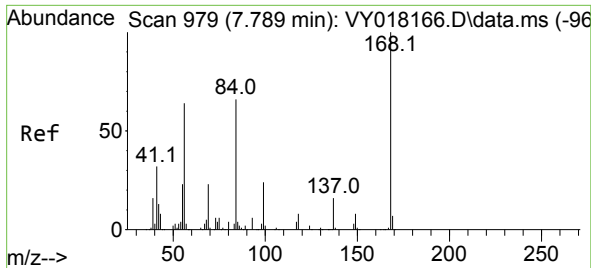
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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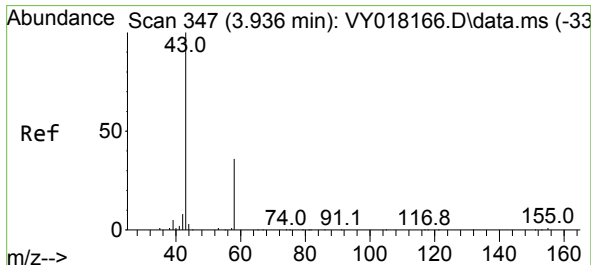
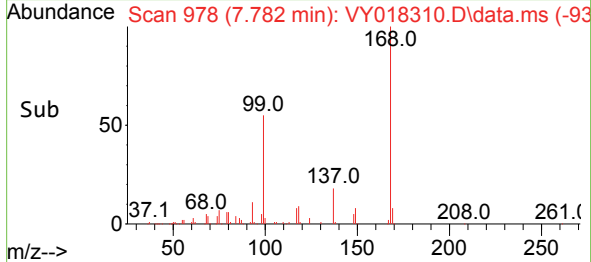
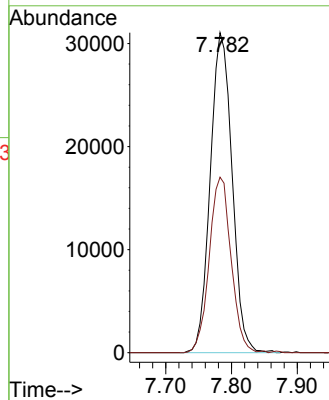
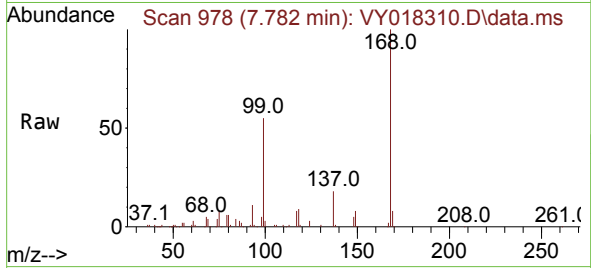




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY018310.D
Acq: 17 May 2024 15:58

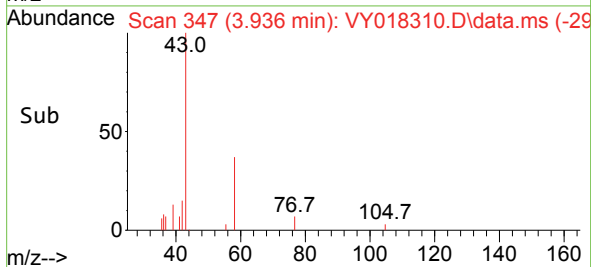
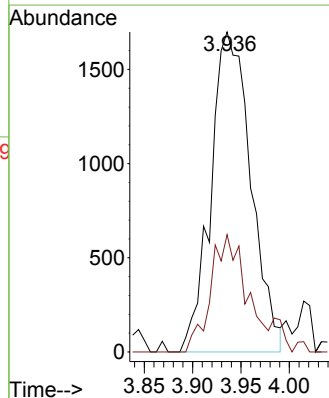
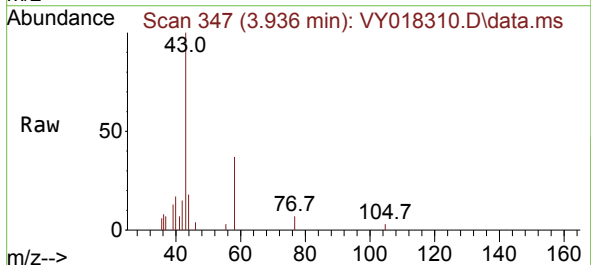
Instrument :
MSVOA_Y
ClientSampleId :
TP-14RE

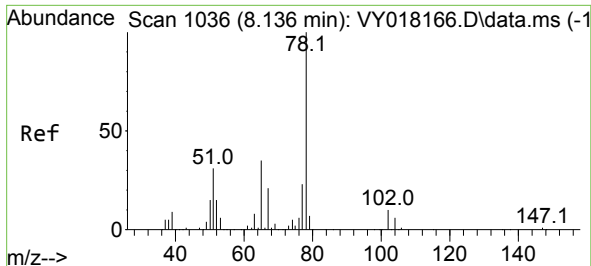
Tgt Ion:168 Resp: 71703
Ion Ratio Lower Upper
168 100
99 54.9 39.1 58.7



#16
Acetone
Concen: 46.539 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018310.D
Acq: 17 May 2024 15:58

Tgt Ion: 43 Resp: 4899
Ion Ratio Lower Upper
43 100
58 36.7 31.7 47.5

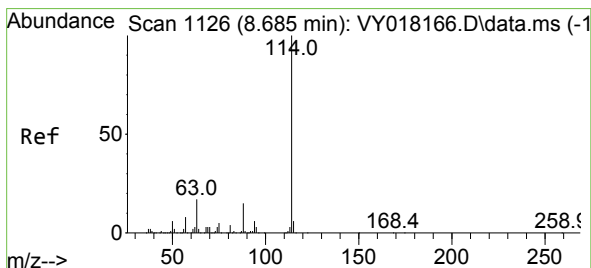
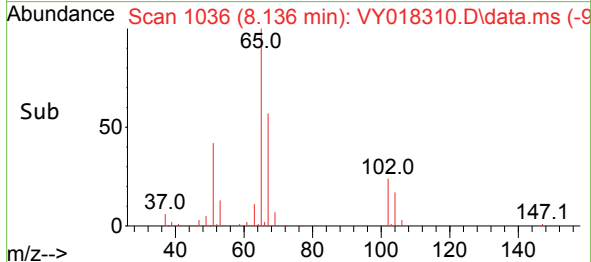
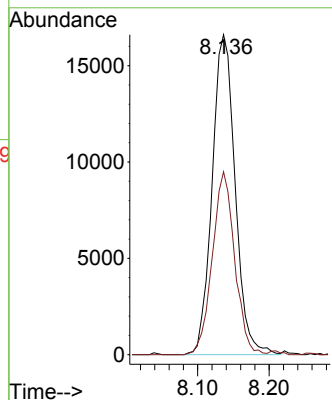
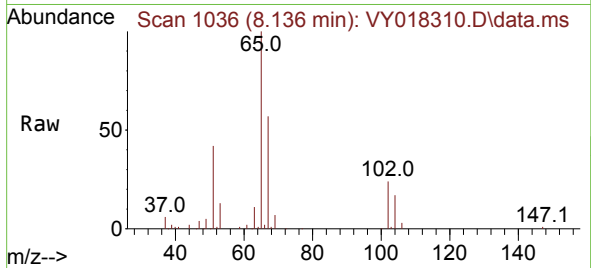




#33
1,2-Dichloroethane-d4
Concen: 70.361 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018310.D
Acq: 17 May 2024 15:58

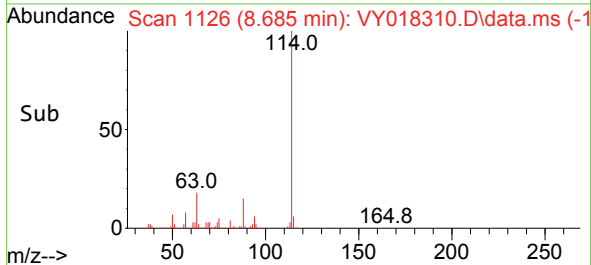
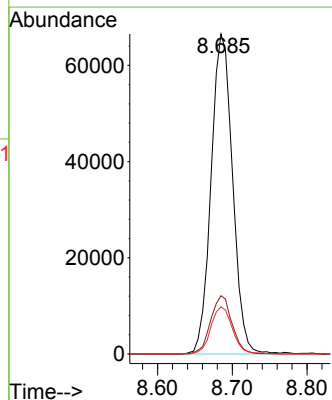
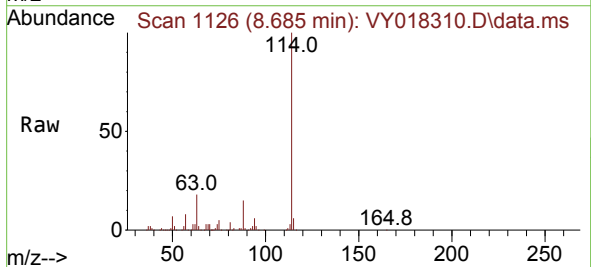
Instrument :
MSVOA_Y
ClientSampleId :
TP-14RE

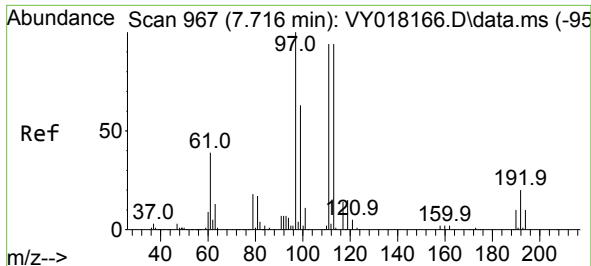
Tgt Ion: 65 Resp: 37115
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018310.D
Acq: 17 May 2024 15:58

Tgt Ion: 114 Resp: 133099
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.0
88 14.7 0.0 27.2

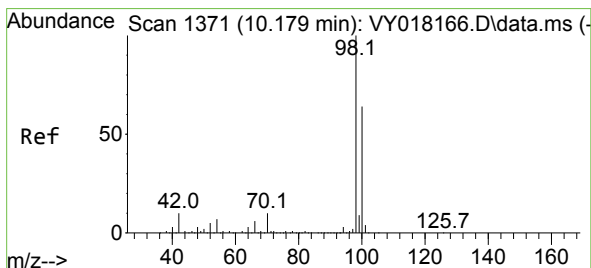
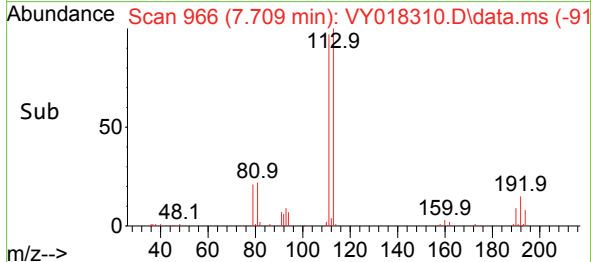
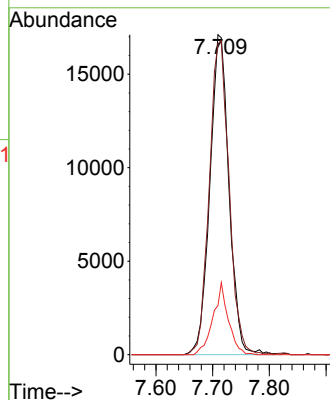
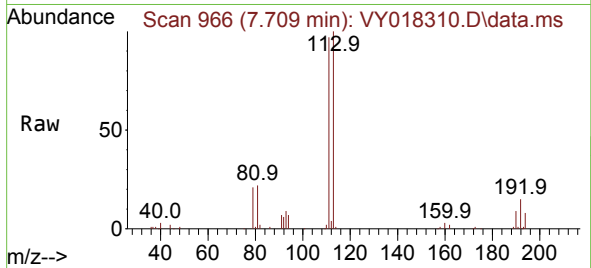




#35
Dibromofluoromethane
Concen: 57.170 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018310.D
Acq: 17 May 2024 15:58

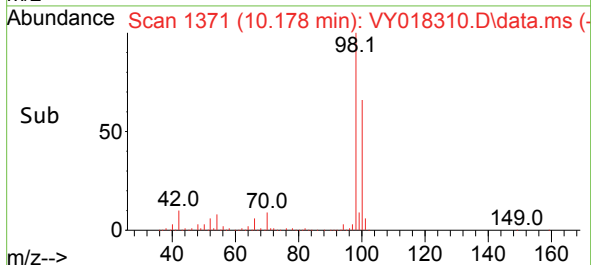
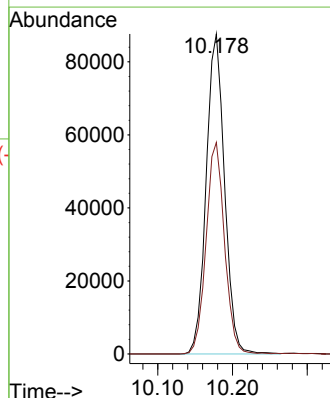
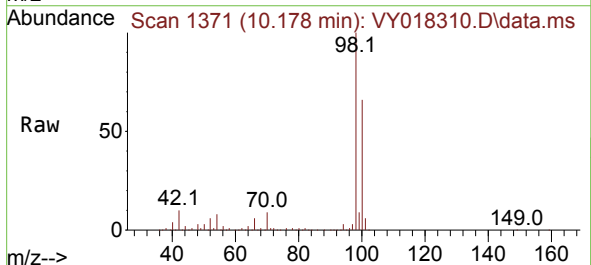
Instrument :
MSVOA_Y
ClientSampleId :
TP-14RE

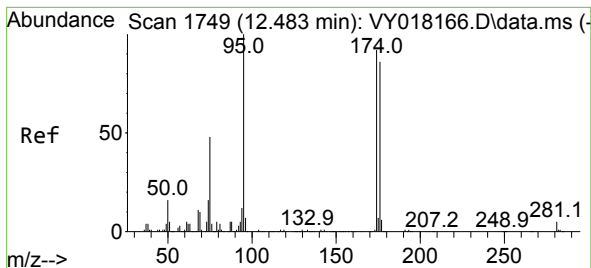
Tgt Ion:113 Resp: 39990
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 18.0 15.9 23.9



#50
Toluene-d8
Concen: 54.114 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018310.D
Acq: 17 May 2024 15:58

Tgt Ion: 98 Resp: 149163
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 51.041 ug/l

RT: 12.483 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018310.D

Acq: 17 May 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

TP-14RE

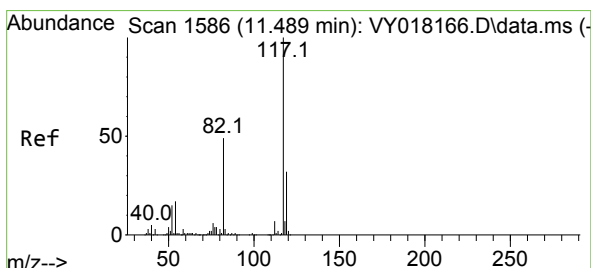
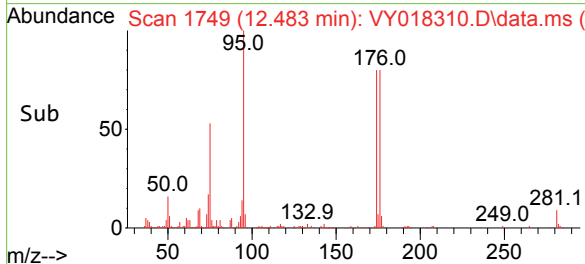
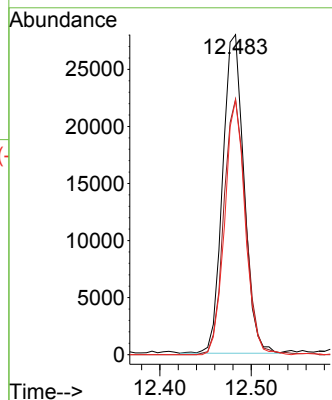
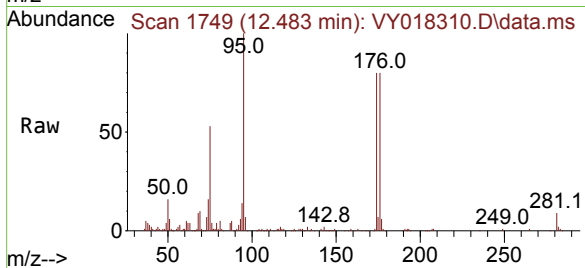
Tgt Ion: 95 Resp: 45435

Ion Ratio Lower Upper

95 100

174 82.4 0.0 175.6

176 76.7 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY018310.D

Acq: 17 May 2024 15:58

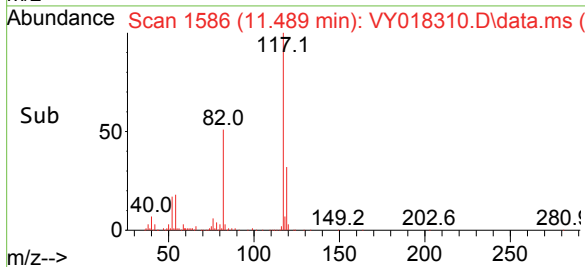
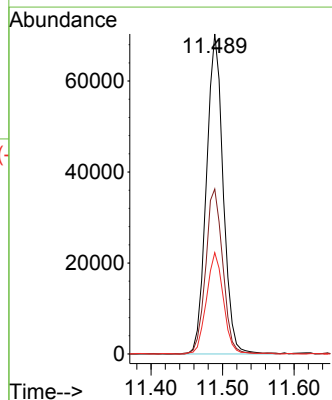
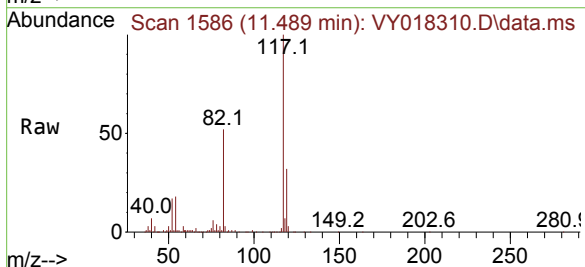
Tgt Ion: 117 Resp: 114418

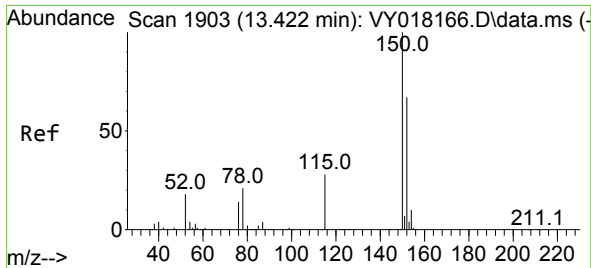
Ion Ratio Lower Upper

117 100

82 51.5 42.4 63.6

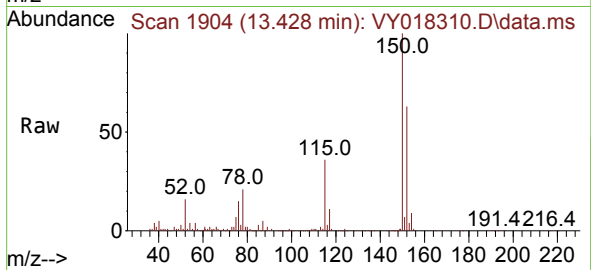
119 31.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY018310.D
 Acq: 17 May 2024 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14RE



Tgt Ion:152 Resp: 42499
 Ion Ratio Lower Upper
 152 100
 115 61.2 28.2 84.7
 150 159.2 0.0 345.6

