

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018311.D
 Acq On : 17 May 2024 16:22
 Operator : SY/MD
 Sample : P2513-07
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15

Quant Time: May 18 00:52:09 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)

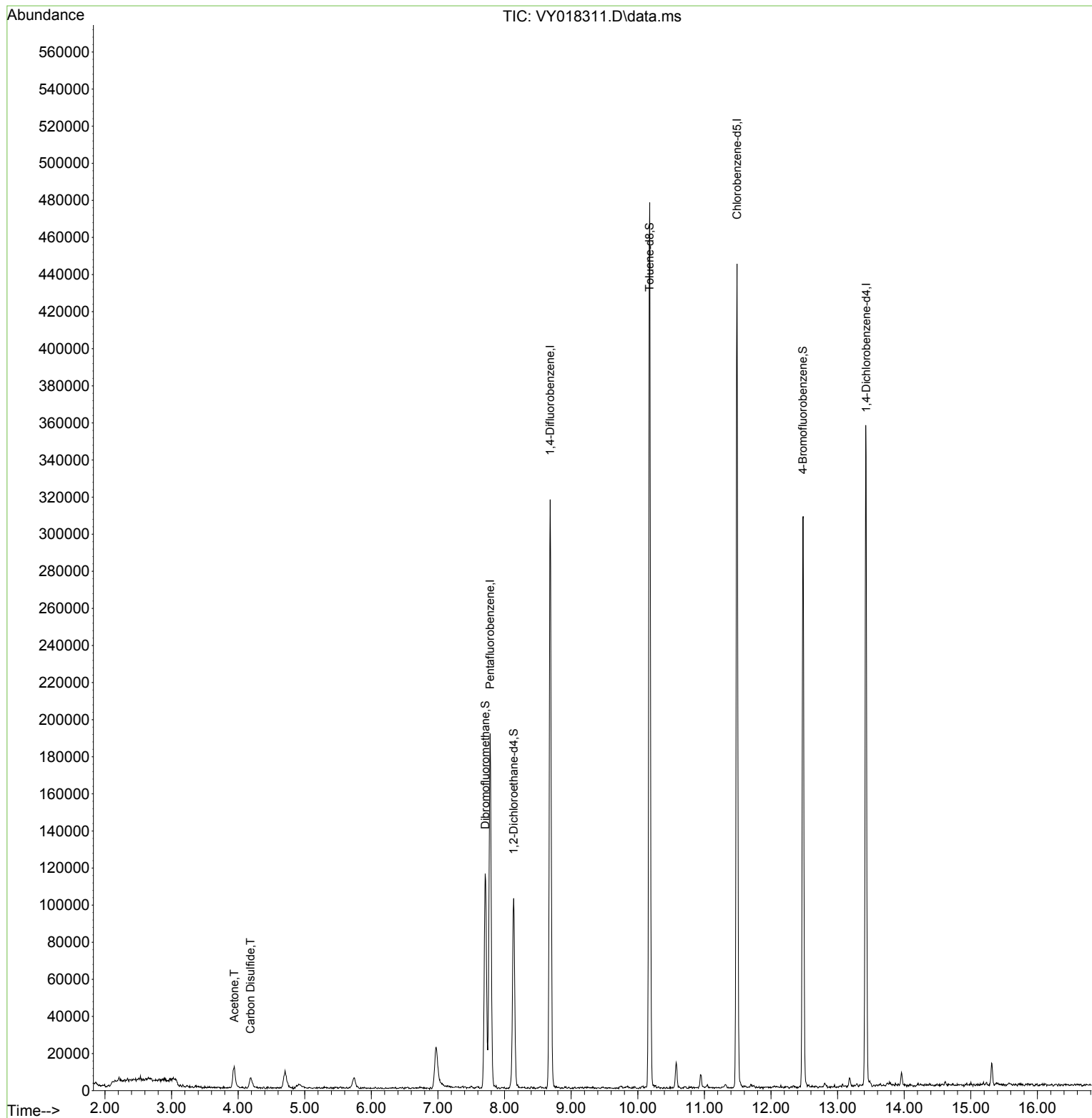
Internal Standards						
1) Pentafluorobenzene	7.783	168	143996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	280294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	249227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	74371	70.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.420%	
35) Dibromofluoromethane	7.710	113	84486	57.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.700%	
50) Toluene-d8	10.179	98	320800	55.264	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.520%	
62) 4-Bromofluorobenzene	12.477	95	96425	51.437	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.880%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	19339	91.480	ug/l	97
17) Carbon Disulfide	4.186	76	5554	1.465	ug/l #	92

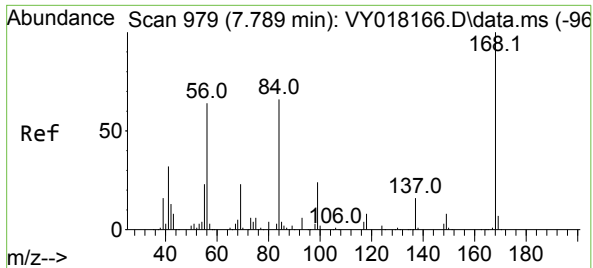
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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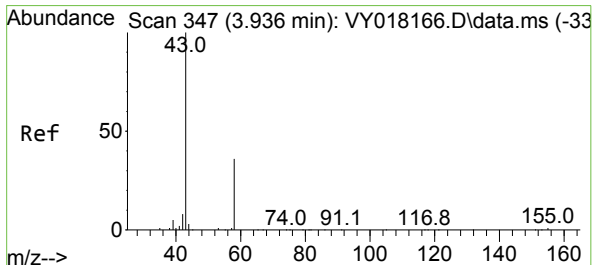
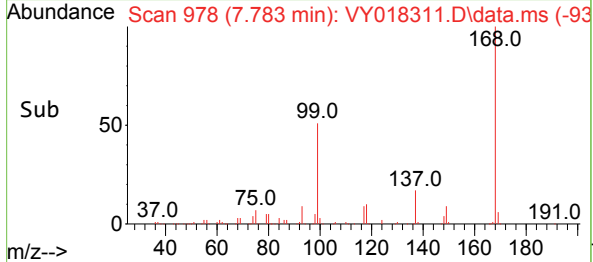
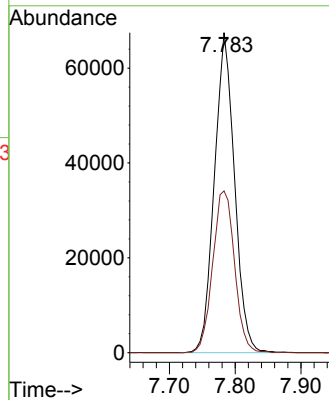
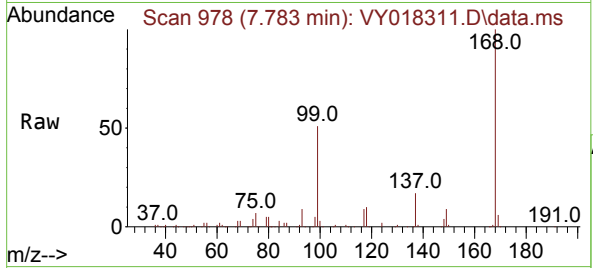




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

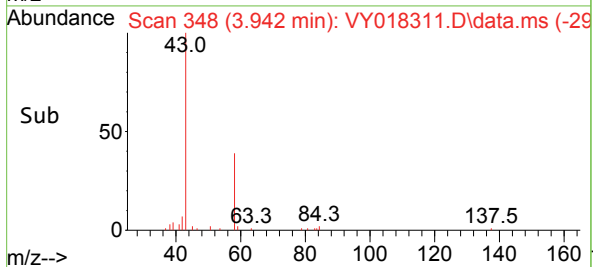
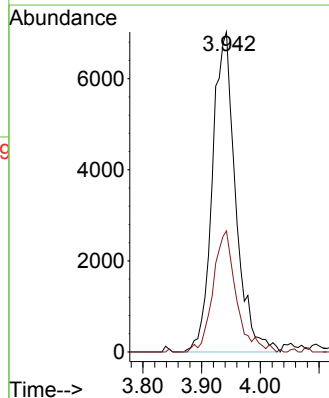
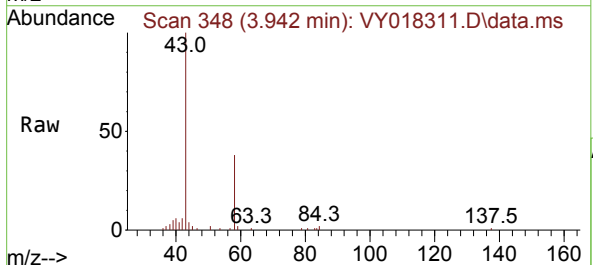
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

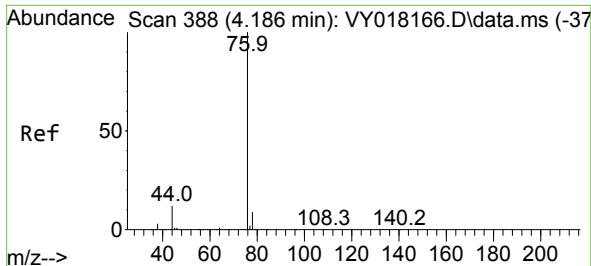
Tgt Ion:168 Resp: 143996
Ion Ratio Lower Upper
168 100
99 50.5 39.1 58.7



#16
Acetone
Concen: 91.480 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

Tgt Ion: 43 Resp: 19339
Ion Ratio Lower Upper
43 100
58 37.9 31.7 47.5

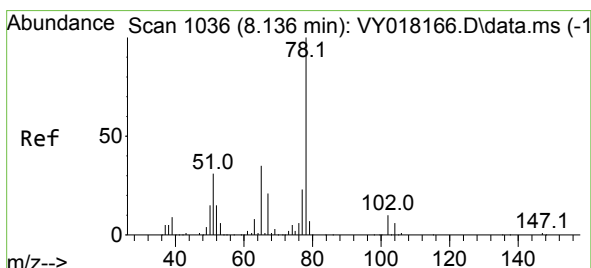
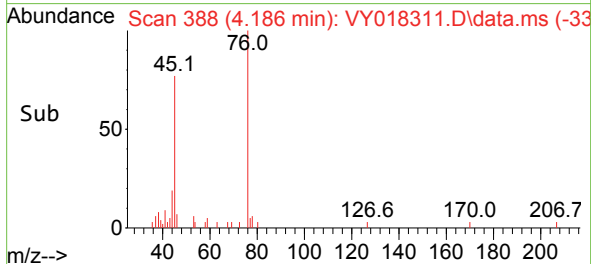
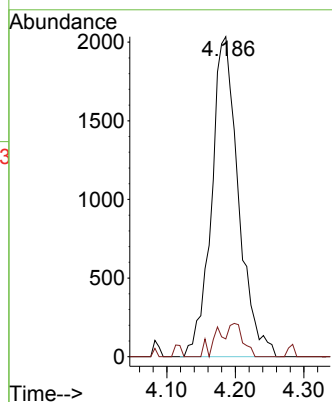
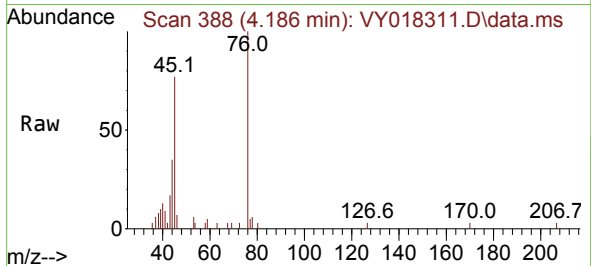




#17
Carbon Disulfide
Concen: 1.465 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

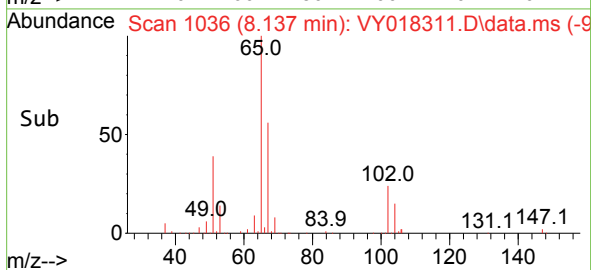
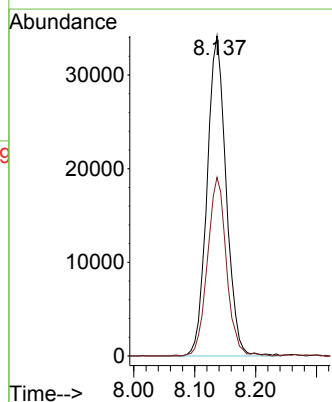
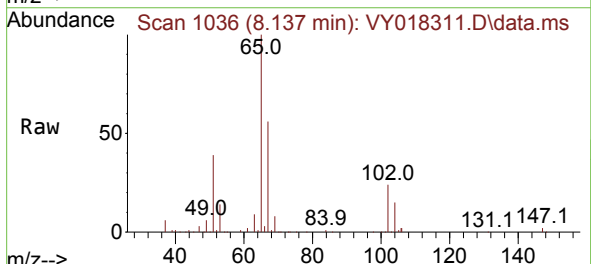
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

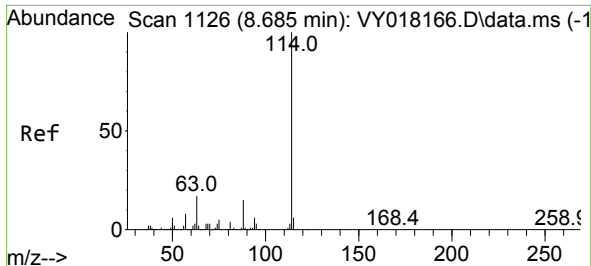
Tgt Ion: 76 Resp: 5554
Ion Ratio Lower Upper
76 100
78 5.6 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 70.205 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

Tgt Ion: 65 Resp: 74371
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6

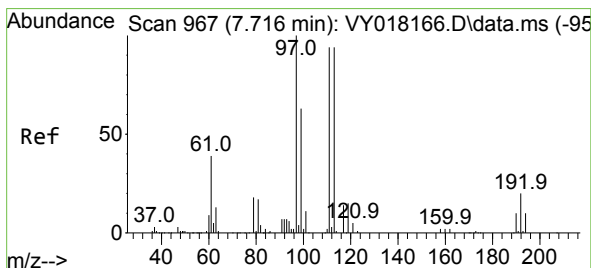
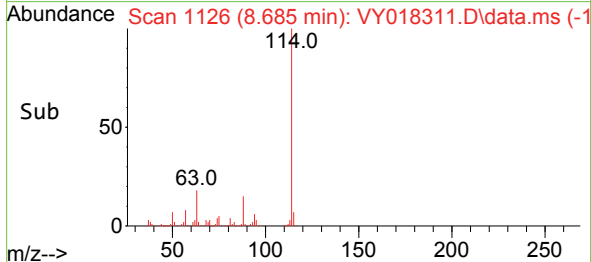
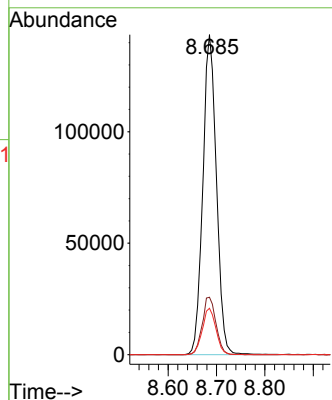
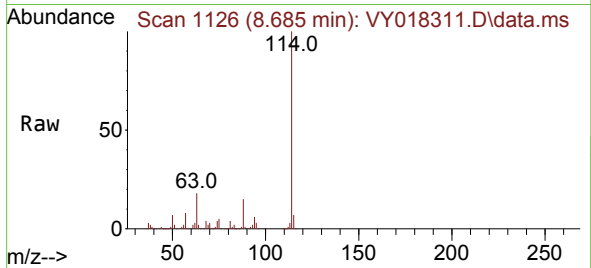




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

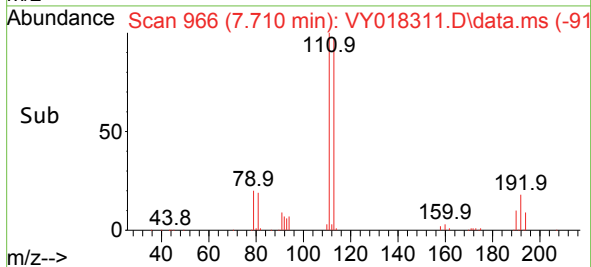
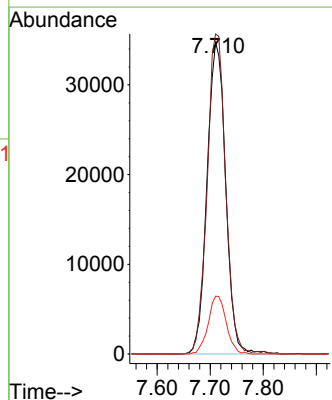
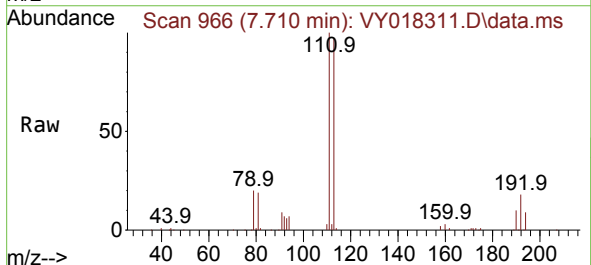
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

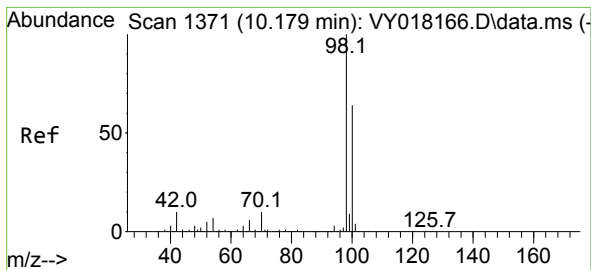
Tgt Ion:114 Resp: 280294
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.0
88 14.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 57.354 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

Tgt Ion:113 Resp: 84486
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 18.1 15.9 23.9





#50

Toluene-d8

Concen: 55.264 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018311.D

Acq: 17 May 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

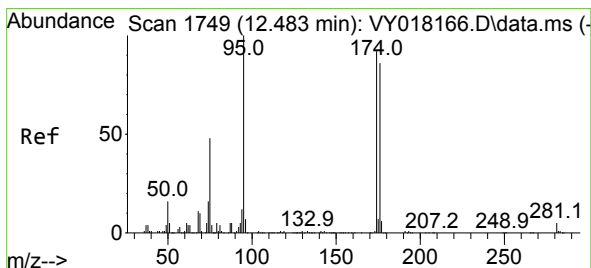
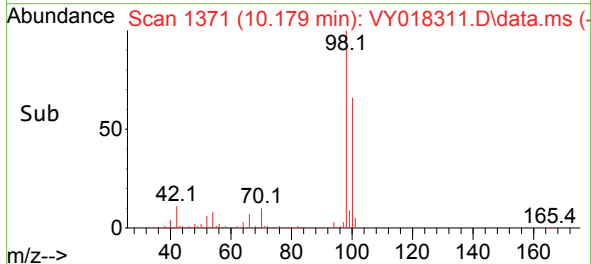
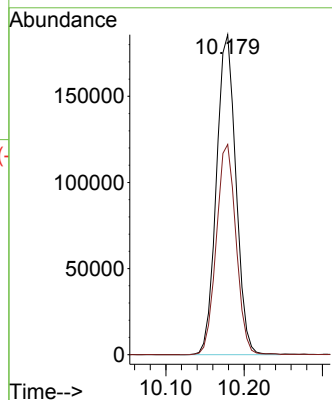
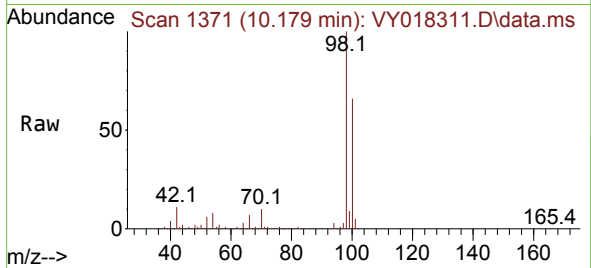
TP-15

Tgt Ion: 98 Resp: 320800

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.437 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018311.D

Acq: 17 May 2024 16:22

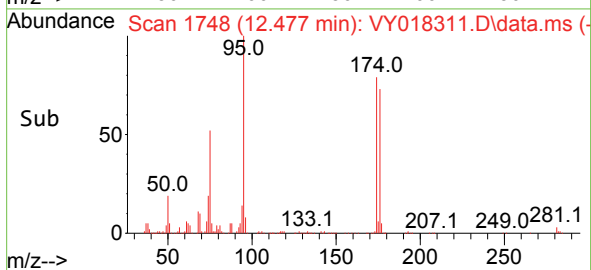
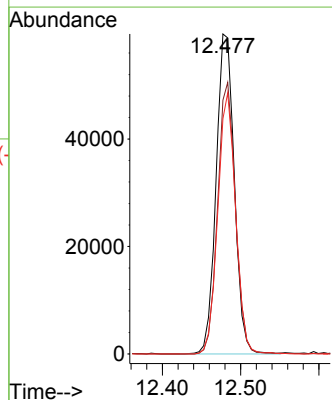
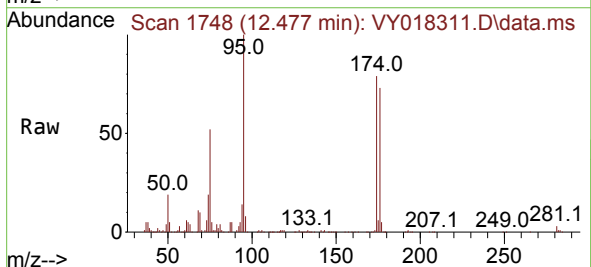
Tgt Ion: 95 Resp: 96425

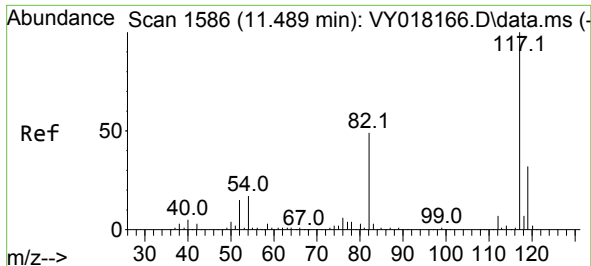
Ion Ratio Lower Upper

95 100

174 82.8 0.0 175.6

176 79.9 0.0 171.4

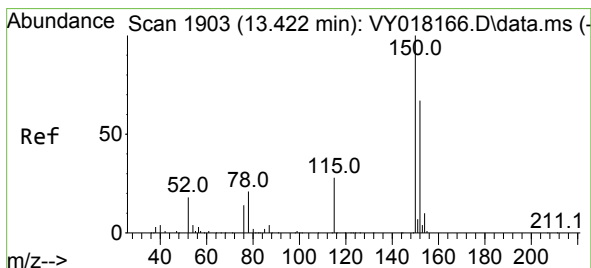
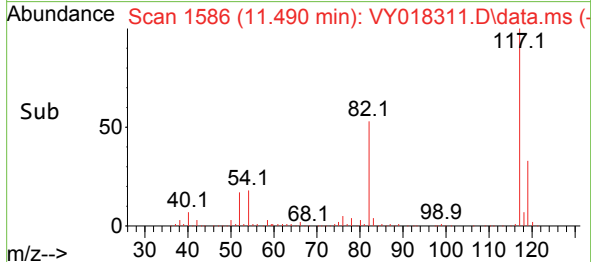
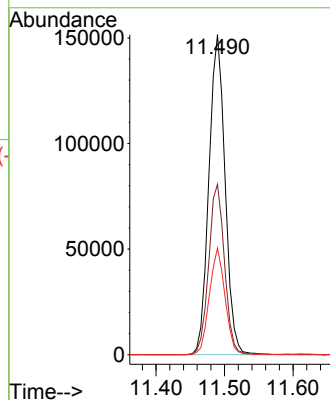
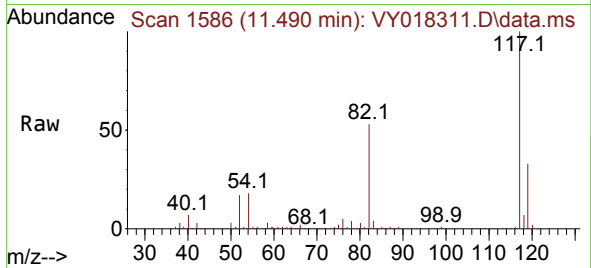




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-15

Tgt Ion:117 Resp: 249227
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 33.3 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: VY018311.D
Acq: 17 May 2024 16:22

Tgt Ion:152 Resp: 92816
Ion Ratio Lower Upper
152 100
115 60.6 28.2 84.7
150 155.9 0.0 345.6

