

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv061920\
 Data File : VY002958.D
 Acq On : 19 Jun 2020 23:22
 Operator : SY/MD
 Sample : L3063-15
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TW-11

Quant Time: Jun 30 15:13:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

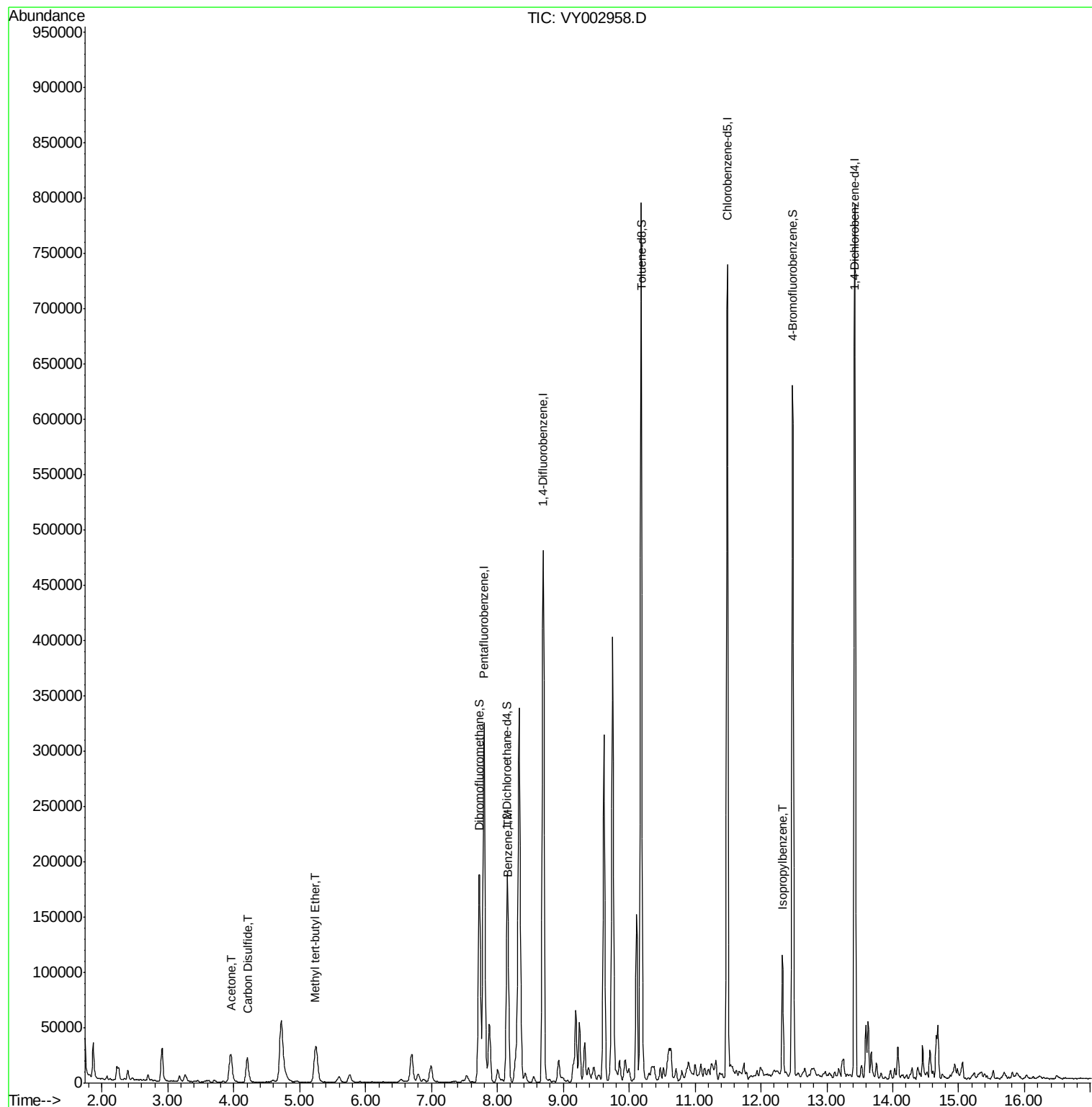
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	272006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	447170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	425031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216802	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	130628	58.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.28%	
35) Dibromofluoromethane	7.72	113	137033	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
50) Toluene-d8	10.18	98	531441	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.48	95	188369	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.86%	
Target Compounds						
16) Acetone	3.96	43	28133	50.557	ug/l #	79
17) Carbon Disulfide	4.21	76	44347	6.616	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	15947	2.583	ug/l #	1
40) Benzene	8.17	78	35275	3.263	ug/l	97
73) Isopropylbenzene	12.33	105	68782	5.177	ug/l	99

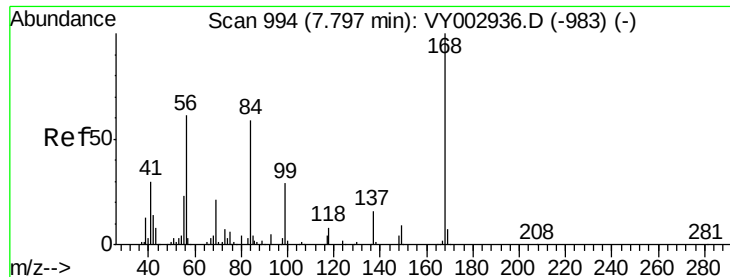
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002958.D

Acq: 19 Jun 2020 23:22

Instrument :

MSVOA_Y

ClientSampled :

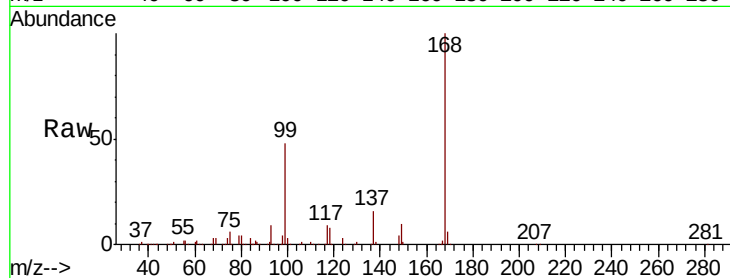
TW-11

Tot Ion:168 Resp: 272006

Ion Ratio Lower Upper

168 100

99 48.1 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

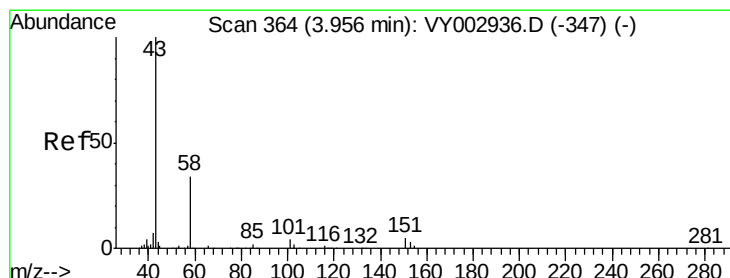
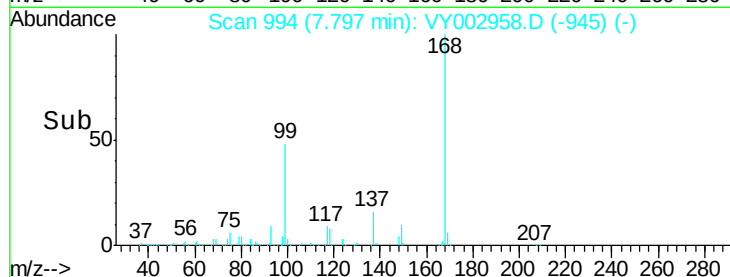
7.80

100000

50000

0

Time-->



#16

Acetone

Concen: 50.557 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002958.D

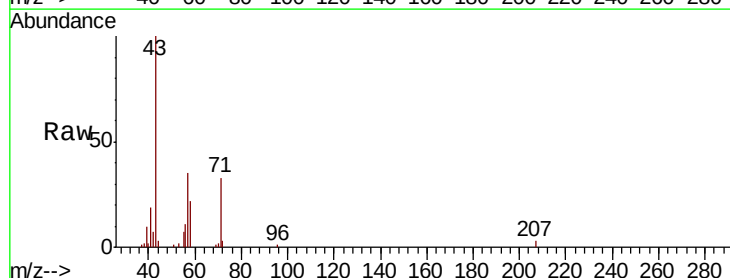
Acq: 19 Jun 2020 23:22

Tgt Ion: 43 Resp: 28133

Ion Ratio Lower Upper

43 100

58 22.0 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY002936.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002936.D (-347) (-)

3.96

10000

8000

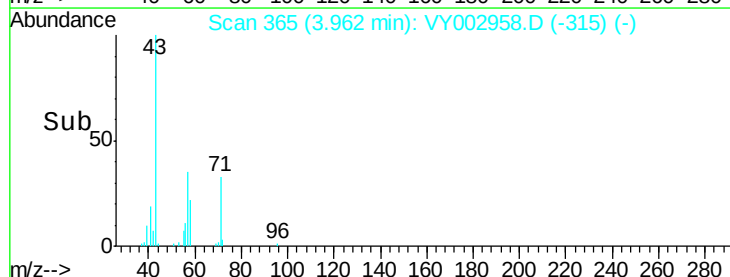
6000

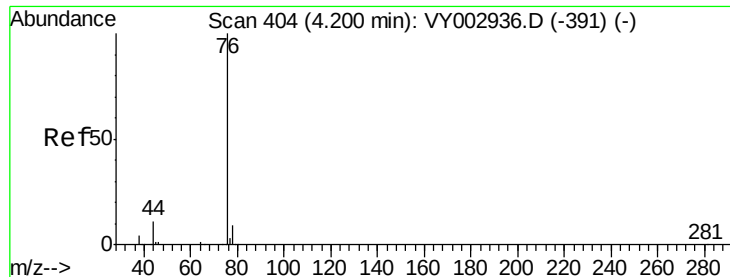
4000

2000

0

Time-->

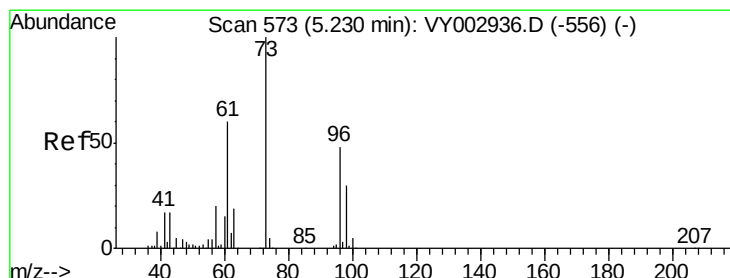
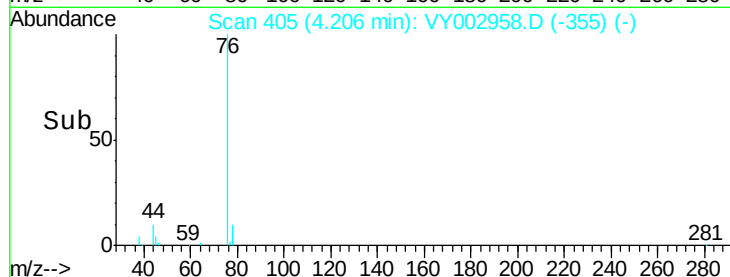
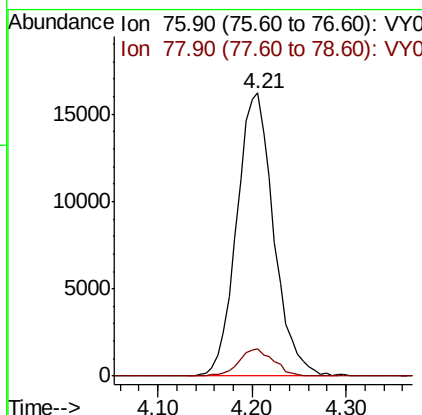
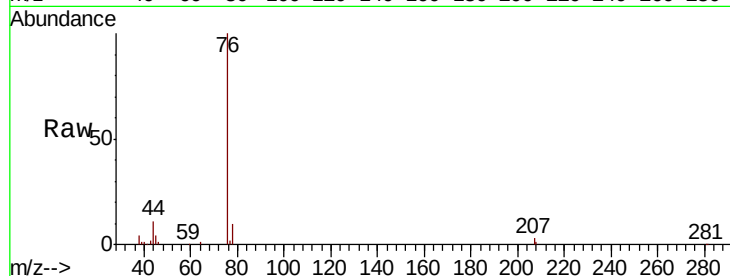




#17
Carbon Disulfide
Concen: 6.616 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.01 min
Lab File: VY002958.D
Acq: 19 Jun 2020 23:22

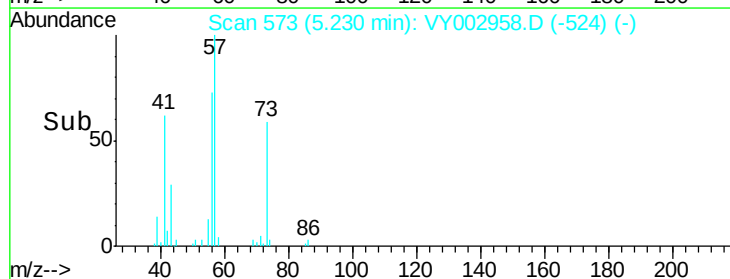
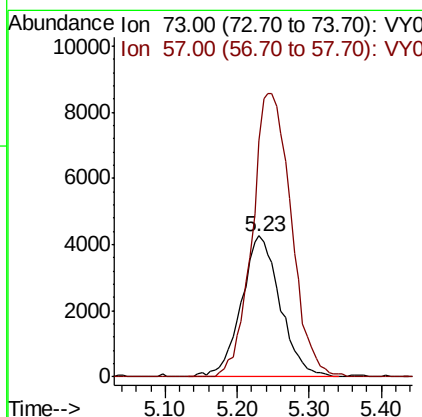
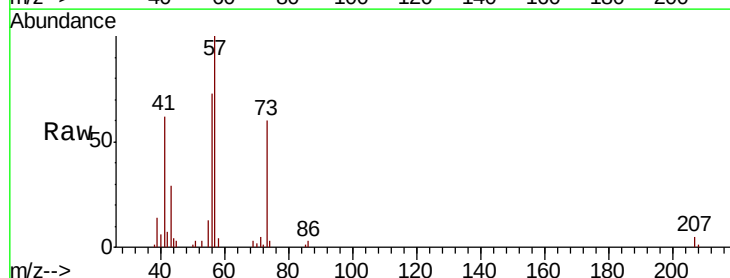
Instrument :
MSVOA_Y
ClientSampled :
TW-11

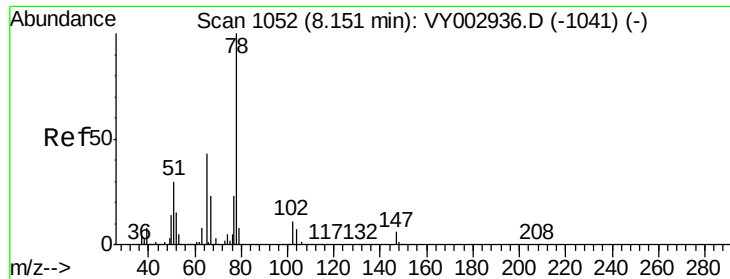
Tot Ion: 76 Resp: 44347
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#19
Methyl tert-butyl Ether
Concen: 2.583 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY002958.D
Acq: 19 Jun 2020 23:22

Tgt Ion: 73 Resp: 15947
Ion Ratio Lower Upper
73 100
57 167.6 16.4 24.6#

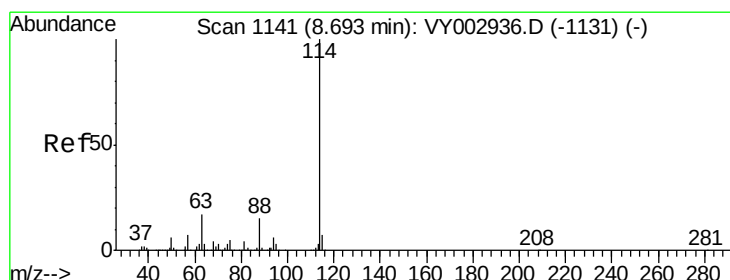
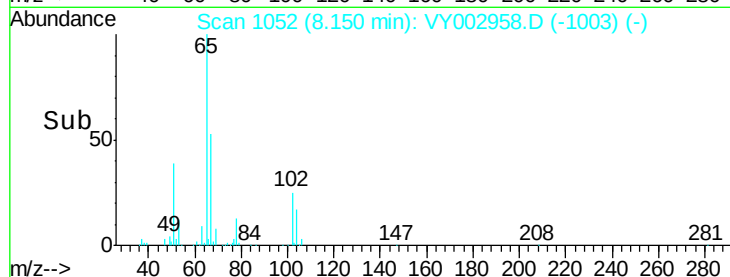
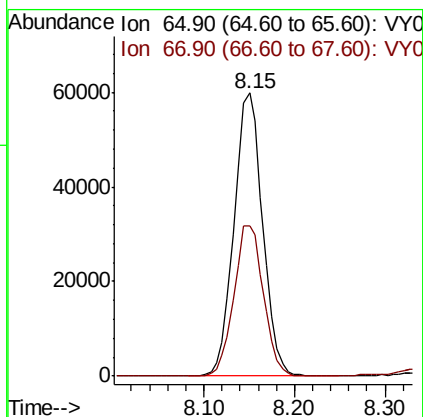
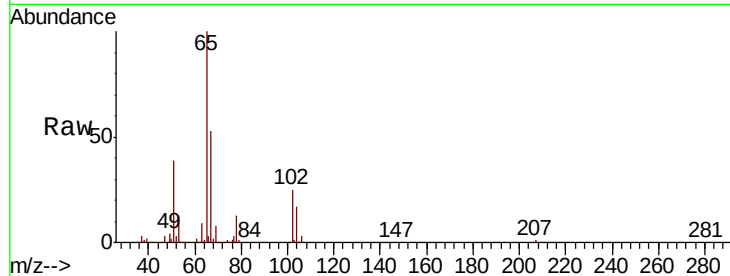




#33
 1,2-Dichloroethane-d4
 Concen: 58.141 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002958.D
 Acq: 19 Jun 2020 23:22

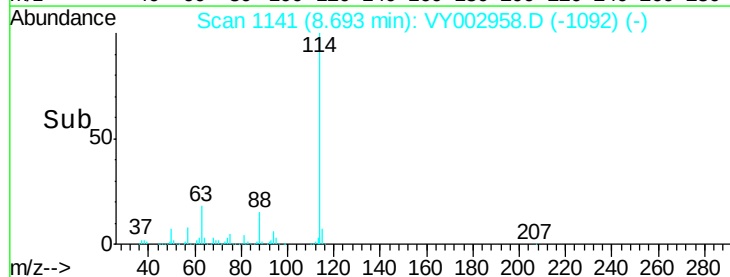
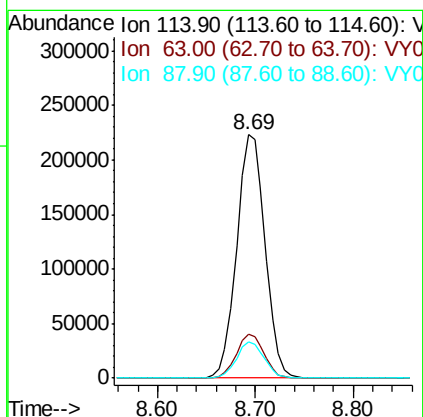
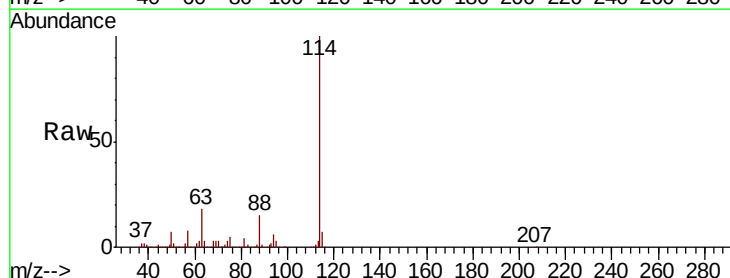
Instrument :
 MSVOA_Y
 ClientSampleId :
 TW-11

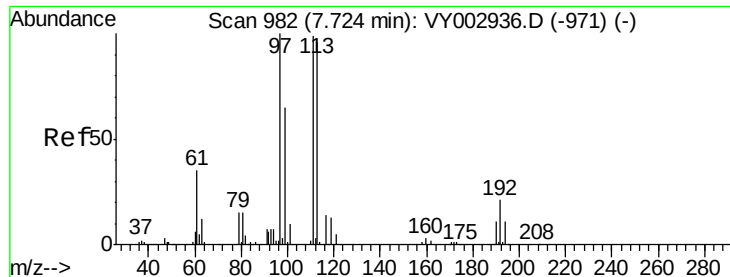
Tot Ion: 65 Resp: 130628
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002958.D
 Acq: 19 Jun 2020 23:22

Tgt Ion: 114 Resp: 447170
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.6
 88 14.6 0.0 29.2

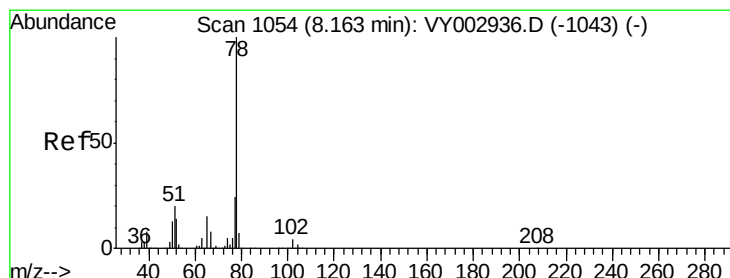
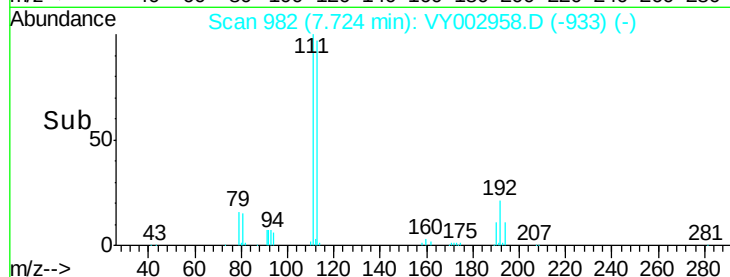
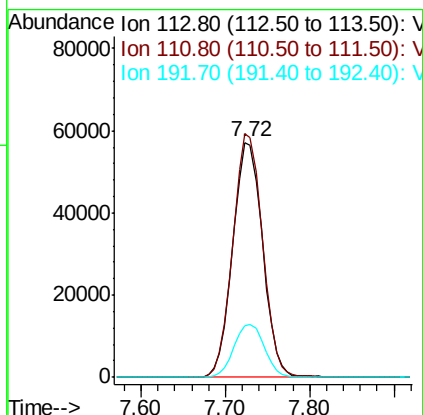
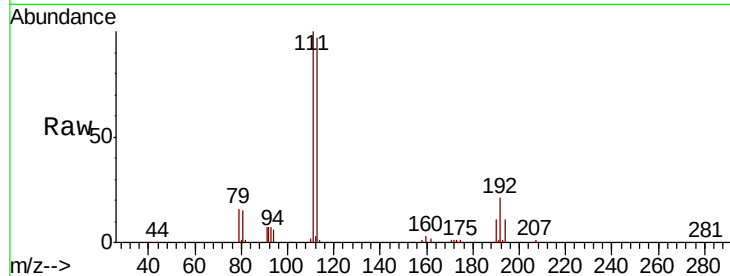




#35
 Dibromofluoromethane
 Concen: 54.159 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY002958.D
 Acq: 19 Jun 2020 23:22

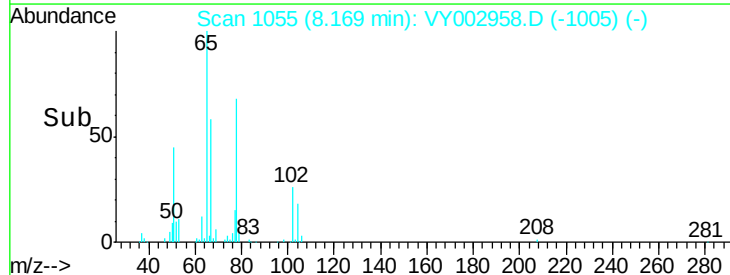
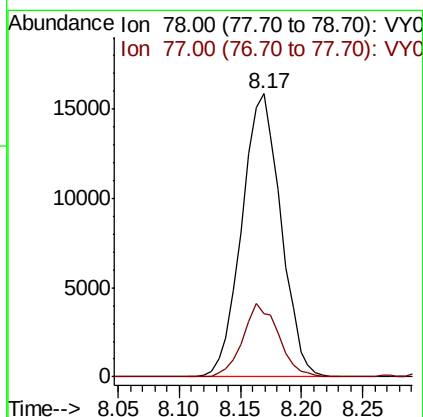
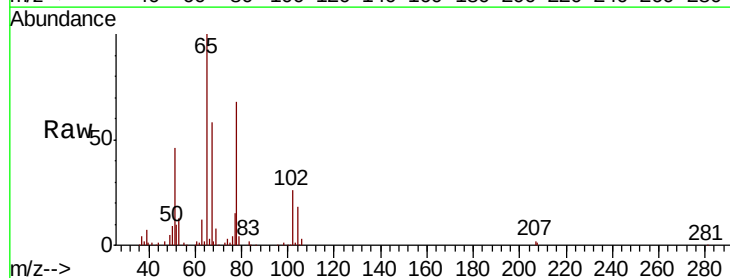
Instrument :
 MSVOA_Y
 ClientSampleId :
 TW-11

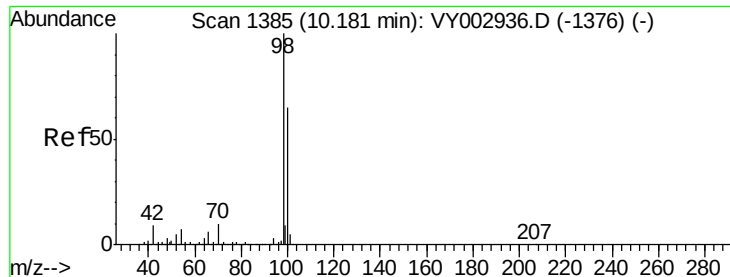
Tot Ion:113 Resp: 137033
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.5 122.3
 192 23.0 19.2 28.8



#40
 Benzene
 Concen: 3.263 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002958.D
 Acq: 19 Jun 2020 23:22

Tgt Ion: 78 Resp: 35275
 Ion Ratio Lower Upper
 78 100
 77 22.4 19.3 28.9

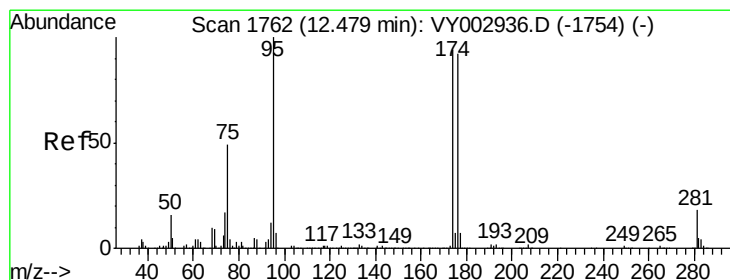
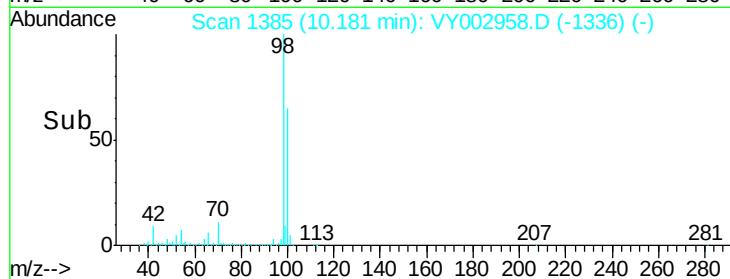
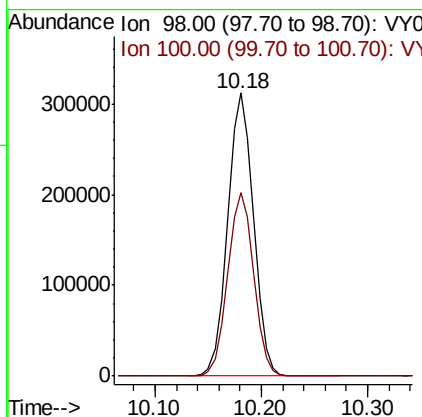
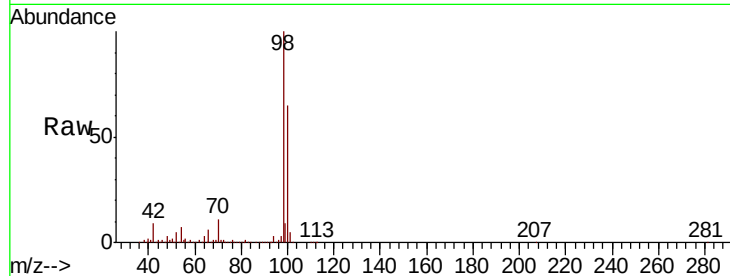




#50
Toluene-d8
Concen: 53.270 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002958.D
Acq: 19 Jun 2020 23:22

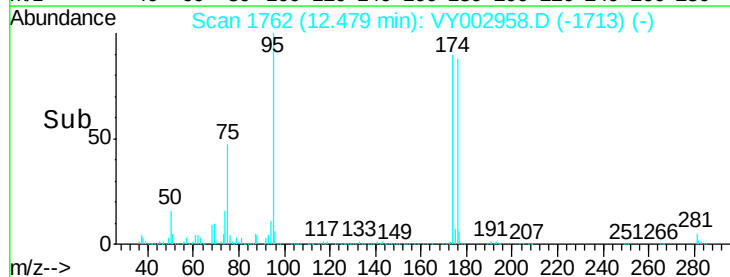
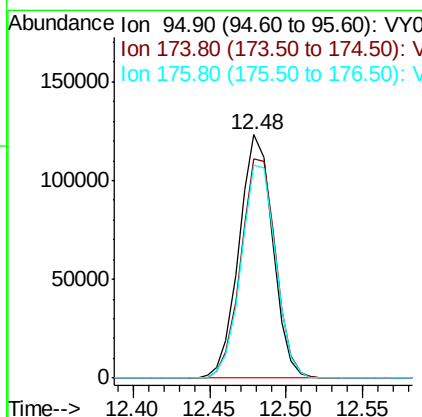
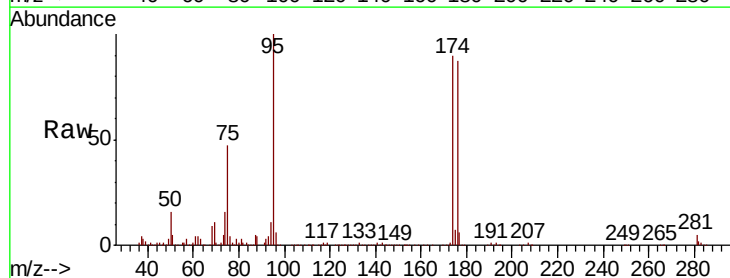
Instrument :
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ClientSampleId :
TW-11

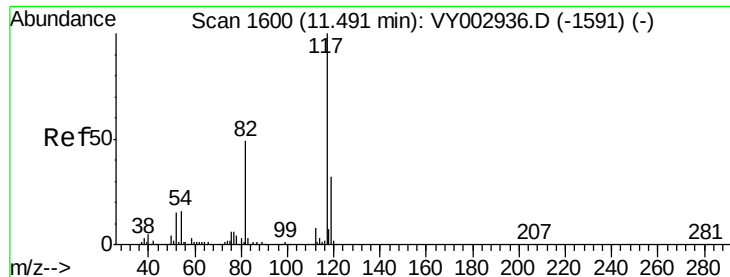
Tot Ion: 98 Resp: 531441
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.433 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY002958.D
Acq: 19 Jun 2020 23:22

Tgt Ion: 95 Resp: 188369
Ion Ratio Lower Upper
95 100
174 92.9 0.0 191.2
176 89.8 0.0 186.0

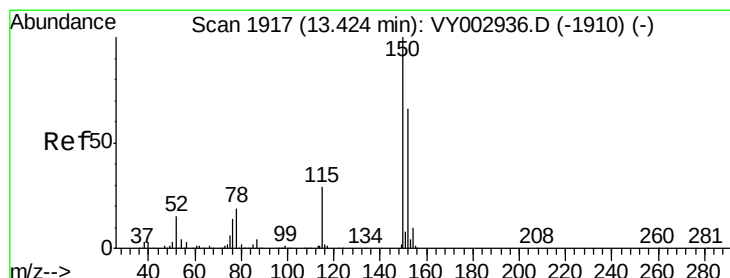
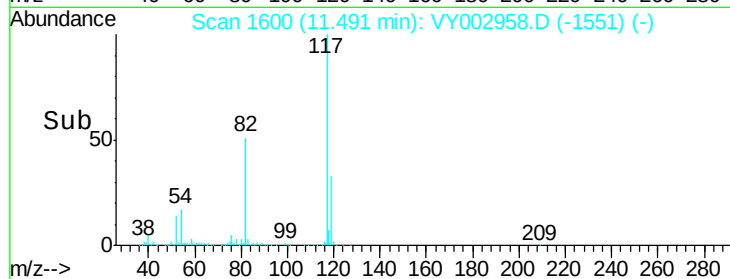
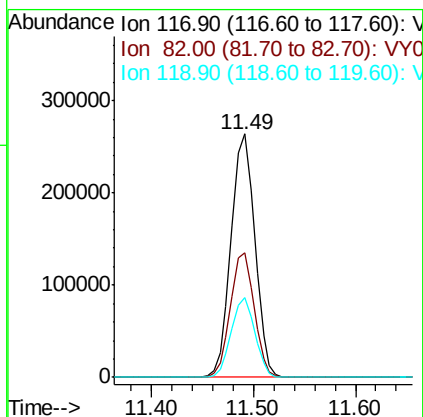
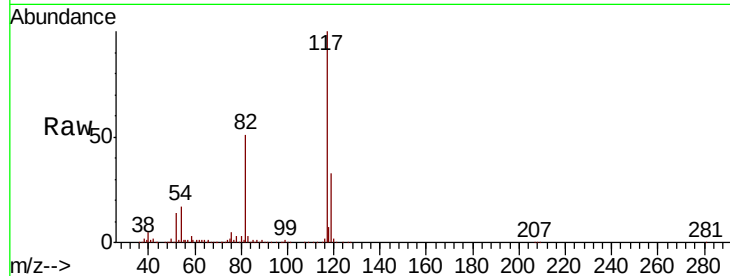




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002958.D
Acq: 19 Jun 2020 23:22

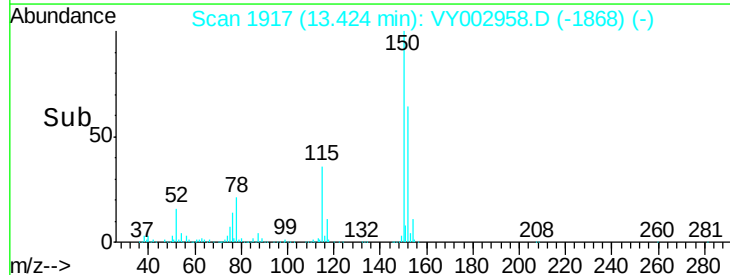
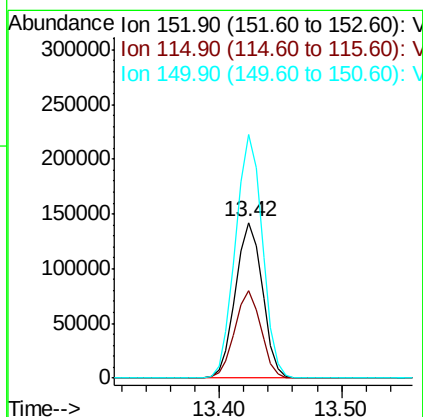
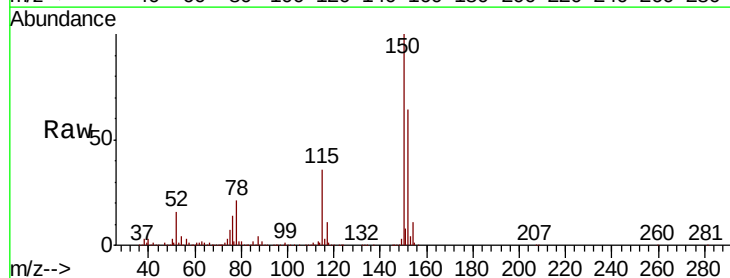
Instrument :
MSVOA_Y
ClientSampleId :
TW-11

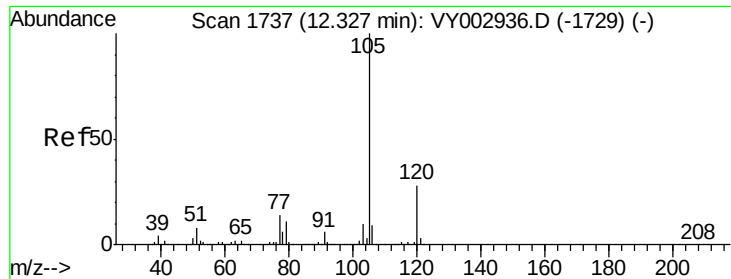
Tot Ion:117 Resp: 425031
Ion Ratio Lower Upper
117 100
82 50.8 39.4 59.0
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002958.D
Acq: 19 Jun 2020 23:22

Tgt Ion:152 Resp: 216802
Ion Ratio Lower Upper
152 100
115 54.7 26.9 80.6
150 156.2 0.0 341.8





#73

Isopropylbenzene

Concen: 5.177 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002958.D

Acq: 19 Jun 2020 23:22

Instrument :

MSVOA_Y

ClientSampleId :

TW-11

Tot Ion:105 Resp: 68782

Ion Ratio Lower Upper

105 100

120 27.4 14.0 41.9

