

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003218.D
 Acq On : 16 Jul 2020 18:36
 Operator : SY/MD
 Sample : L3308-11
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11

Quant Time: Jul 17 06:16:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

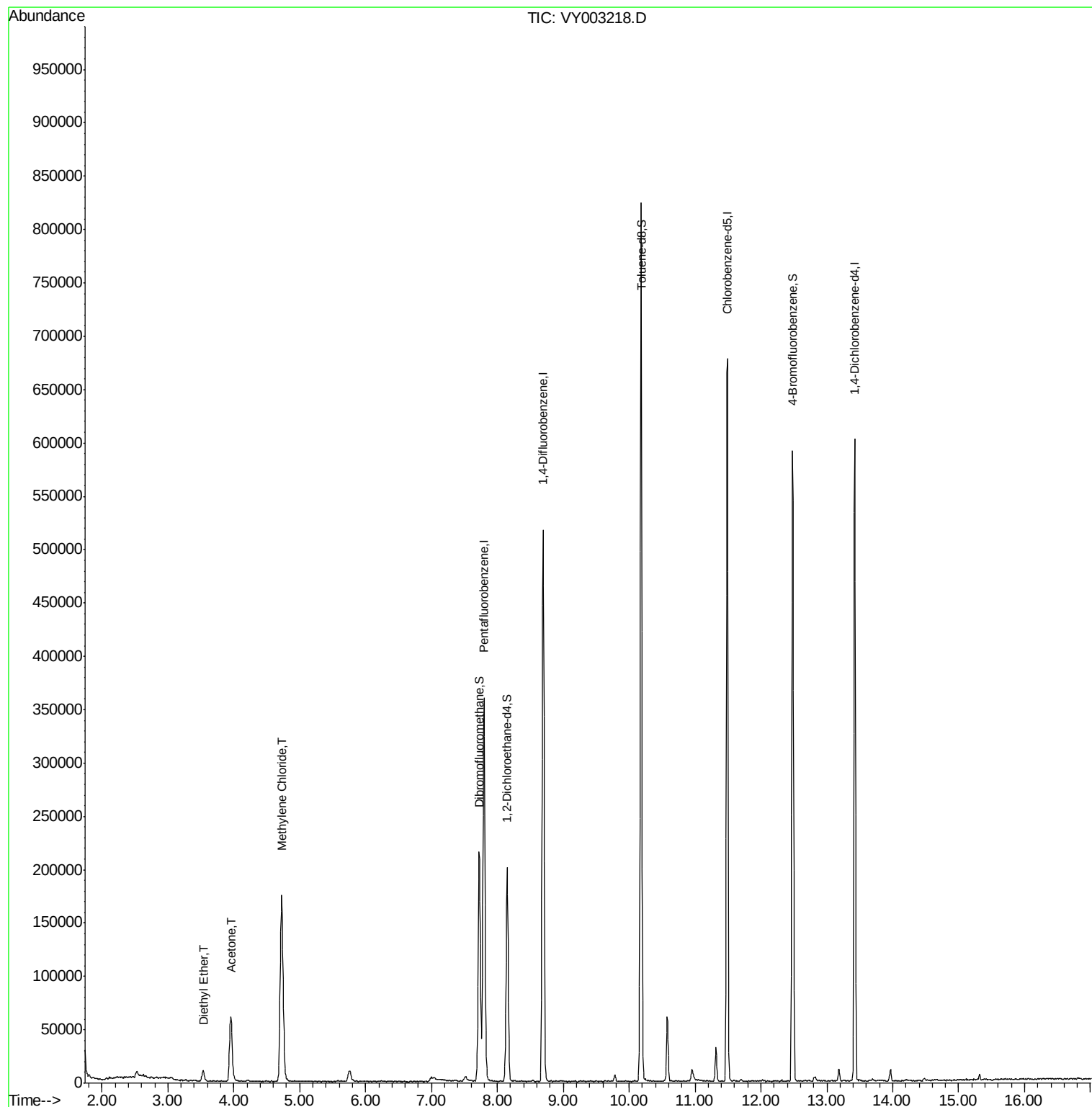
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	285445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	430104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	366927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	154422	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	158686	65.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.74%	
35) Dibromofluoromethane	7.72	113	148666	60.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.12%	
50) Toluene-d8	10.18	98	540155	58.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.40%	
62) 4-Bromofluorobenzene	12.48	95	154941	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
Target Compounds						
8) Diethyl Ether	3.54	74	5692	4.085	ug/l	89
16) Acetone	3.96	43	107062	198.942	ug/l	95
20) Methylene Chloride	4.72	84	131943	48.572	ug/l	97

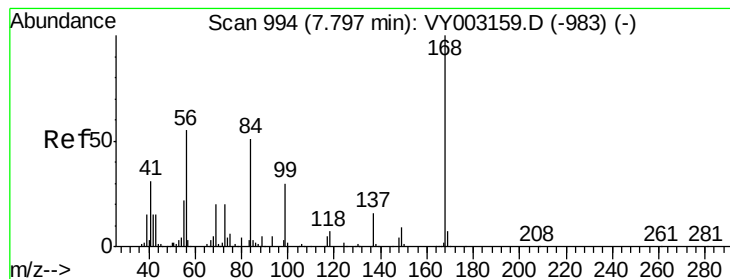
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
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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: VY003218.D

Acq: 16 Jul 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

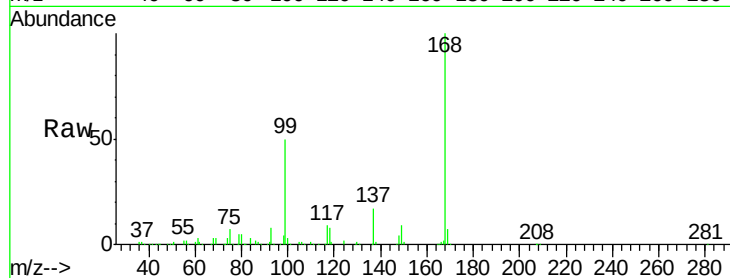
11

Tot Ion:168 Resp: 285445

Ion Ratio Lower Upper

168 100

99 49.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003218.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003218.D (-945) (-)

7.80

150000

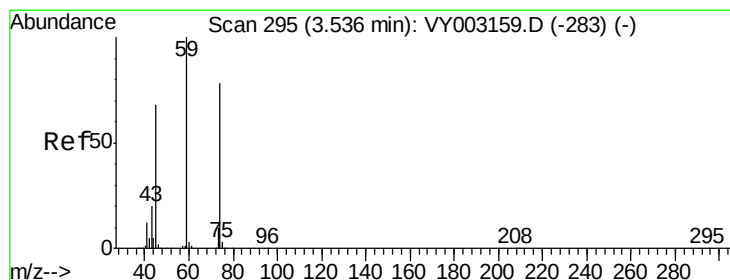
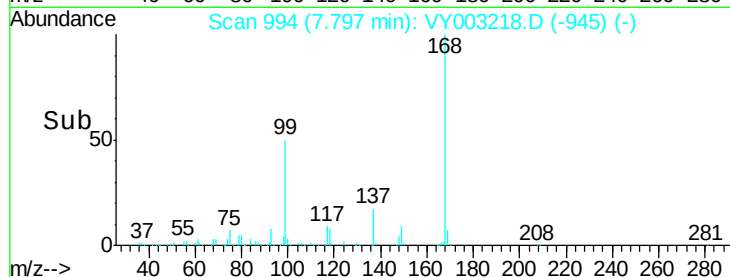
100000

50000

0

Time-->

7.70 7.80 7.90



#8

Diethyl Ether

Concen: 4.085 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VY003218.D

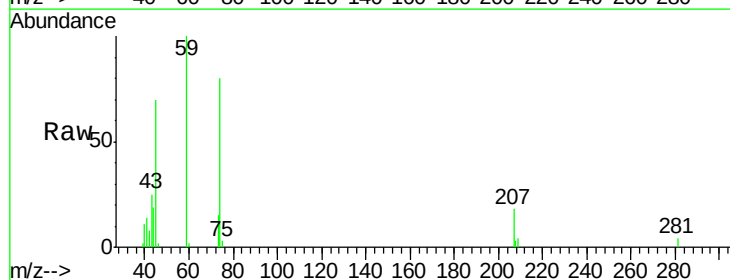
Acq: 16 Jul 2020 18:36

Tgt Ion: 74 Resp: 5692

Ion Ratio Lower Upper

74 100

45 101.1 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY003218.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY003218.D (-246) (-)

3.54

3000

2500

2000

1500

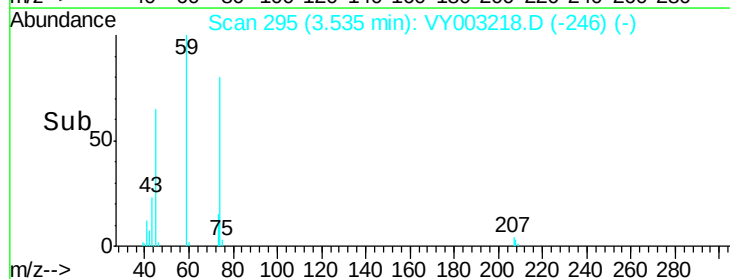
1000

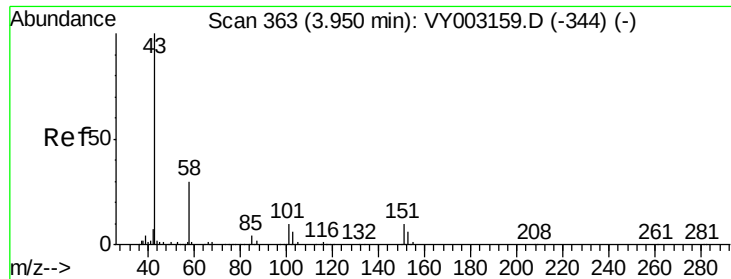
500

0

Time-->

3.45 3.50 3.55 3.60

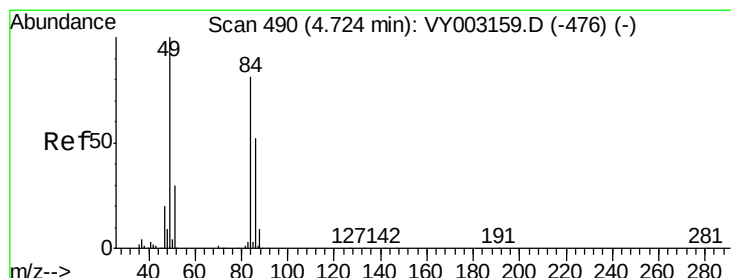
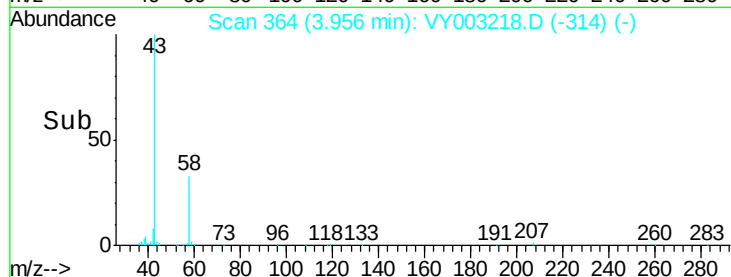
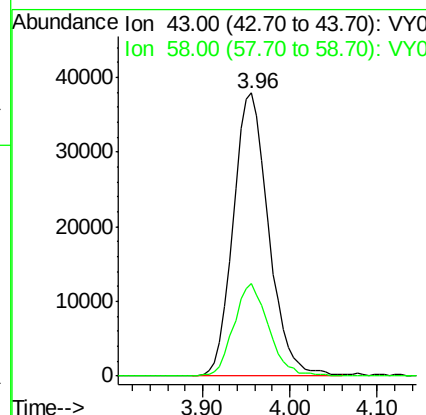
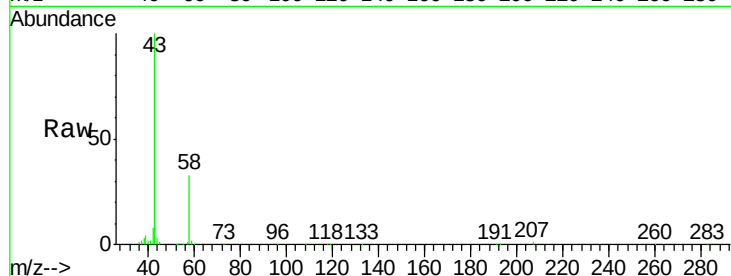




#16
Acetone
Concen: 198.942 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003218.D
Acq: 16 Jul 2020 18:36

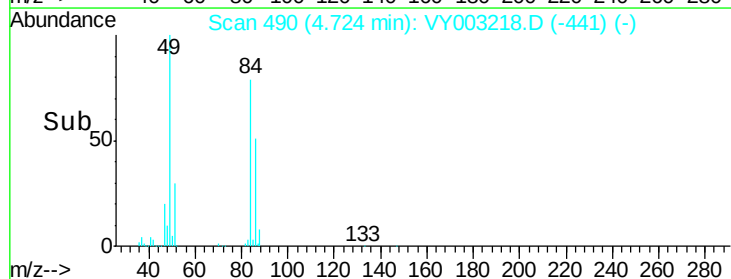
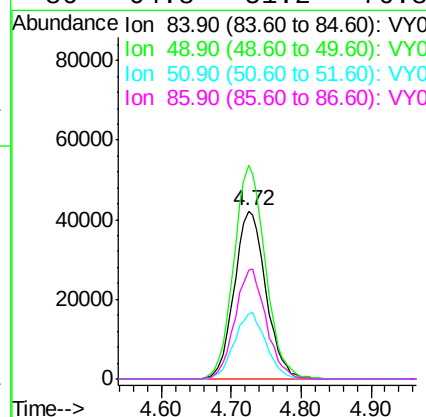
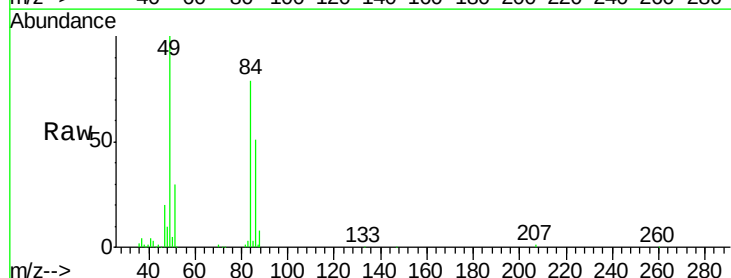
Instrument :
MSVOA_Y
ClientSampleId :
11

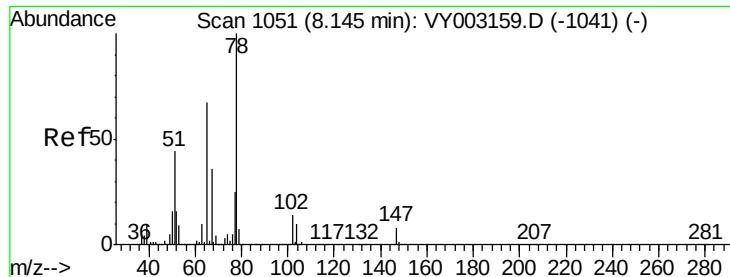
Tot Ion: 43 Resp: 107062
Ion Ratio Lower Upper
43 100
58 32.5 23.8 35.6



#20
Methylene Chloride
Concen: 48.572 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003218.D
Acq: 16 Jul 2020 18:36

Tgt Ion: 84 Resp: 131943
Ion Ratio Lower Upper
84 100
49 127.2 98.2 147.4
51 38.5 29.8 44.6
86 64.8 51.2 76.8

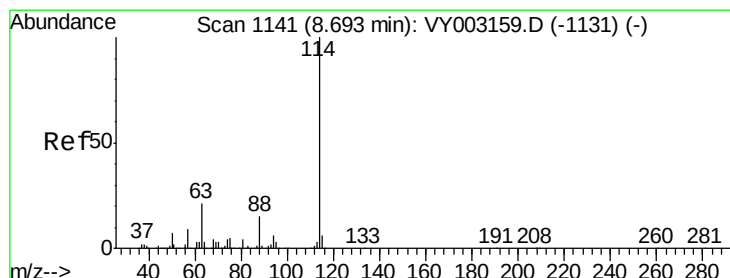
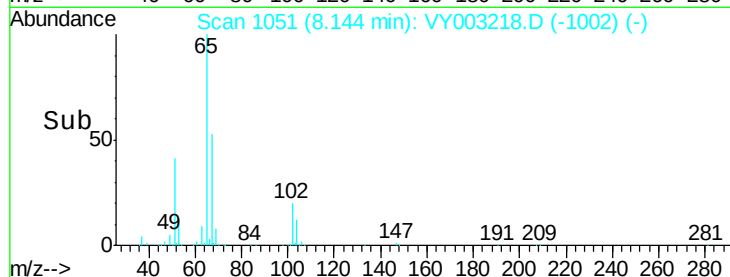
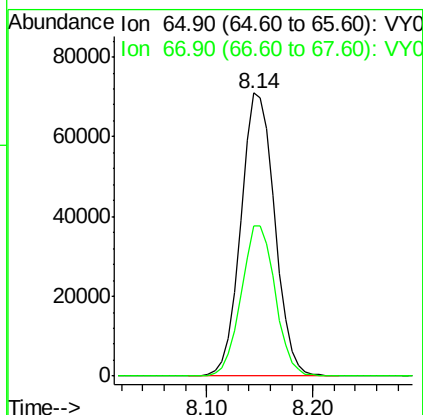
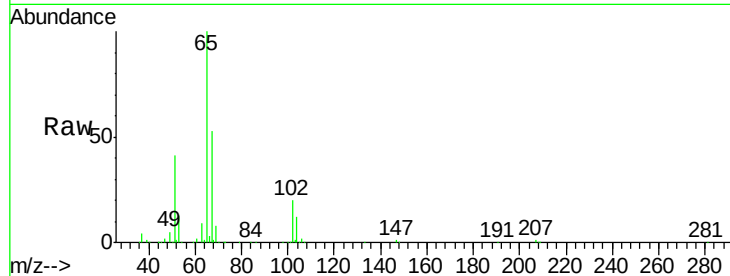




#33
 1,2-Dichloroethane-d4
 Concen: 65.865 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003218.D
 Acq: 16 Jul 2020 18:36

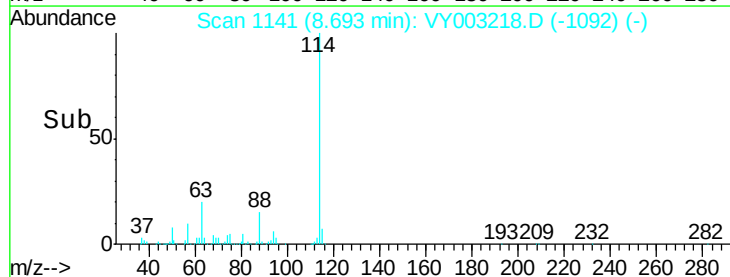
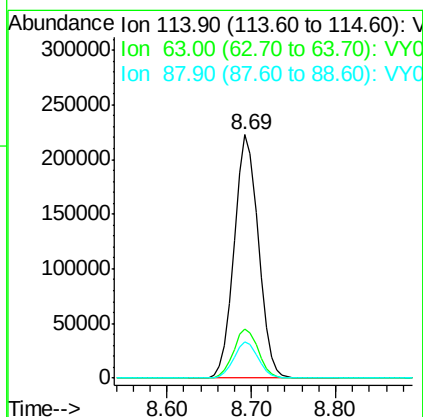
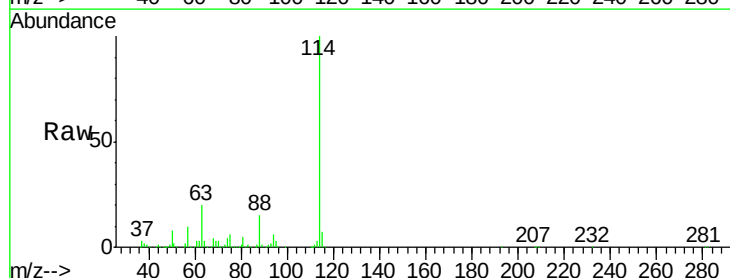
Instrument :
 MSVOA_Y
 ClientSampleId :
 11

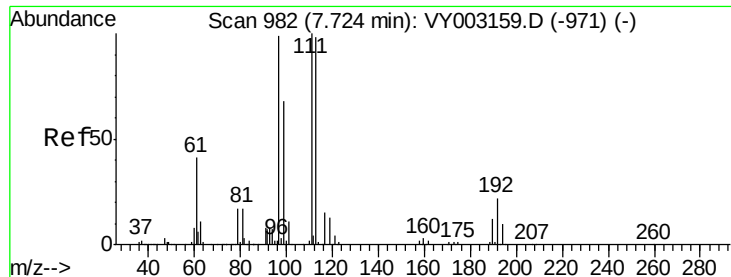
Tot Ion: 65 Resp: 158686
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003218.D
 Acq: 16 Jul 2020 18:36

Tgt Ion: 114 Resp: 430104
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.2
 88 15.2 0.0 30.2

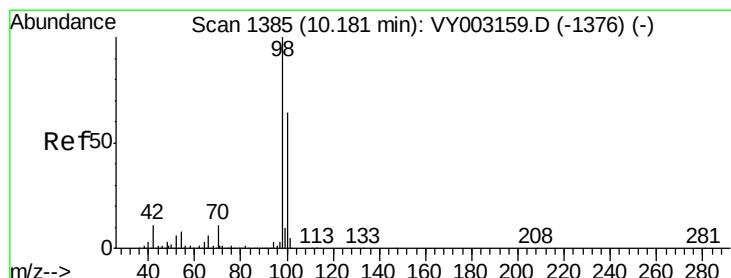
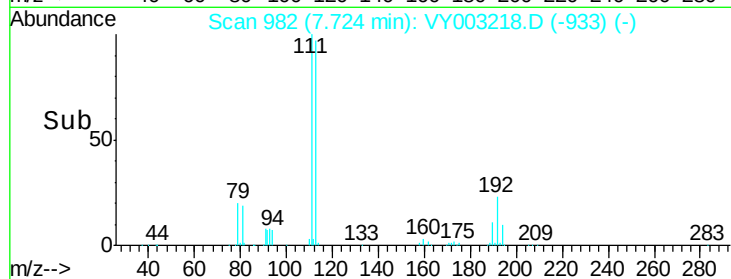
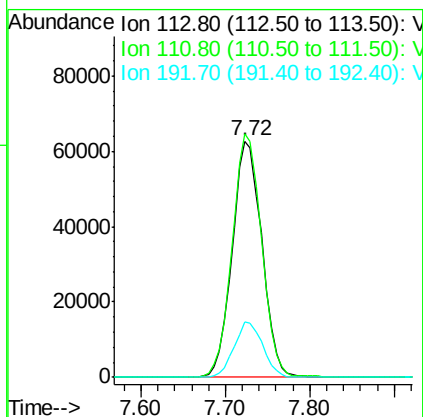
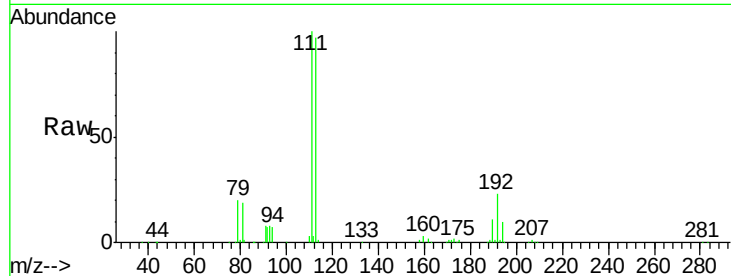




#35
 Dibromofluoromethane
 Concen: 60.064 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003218.D
 Acq: 16 Jul 2020 18:36

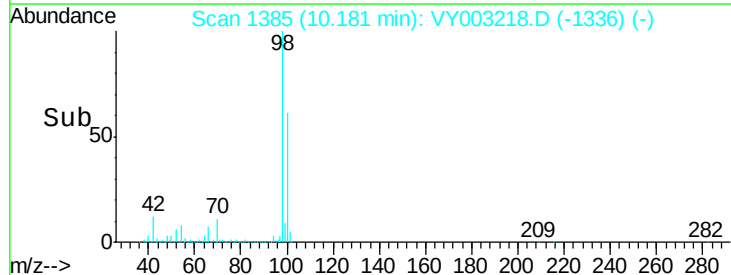
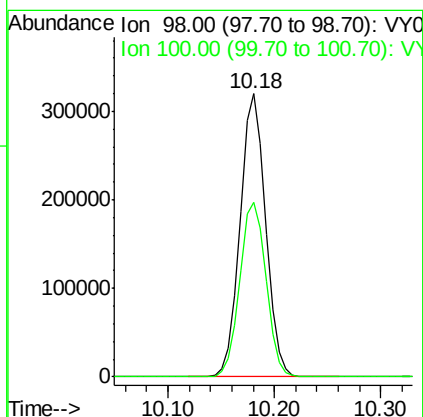
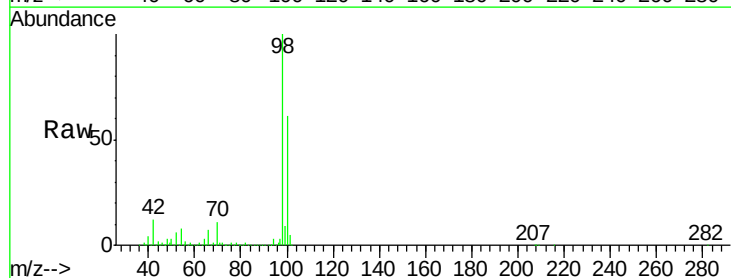
Instrument :
 MSVOA_Y
 ClientSampled :
 11

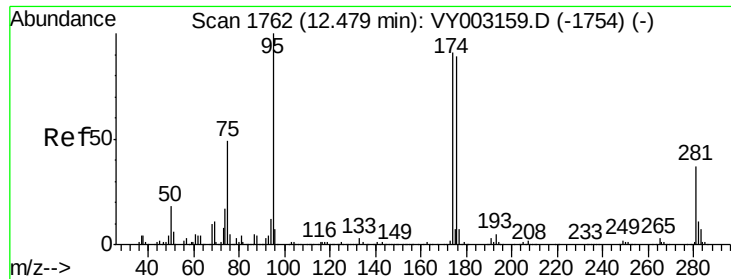
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.1	123.1
192	22.7	18.8	28.2



#50
 Toluene-d8
 Concen: 58.699 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003218.D
 Acq: 16 Jul 2020 18:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1

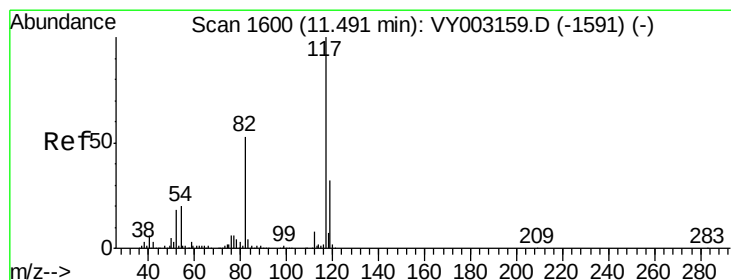
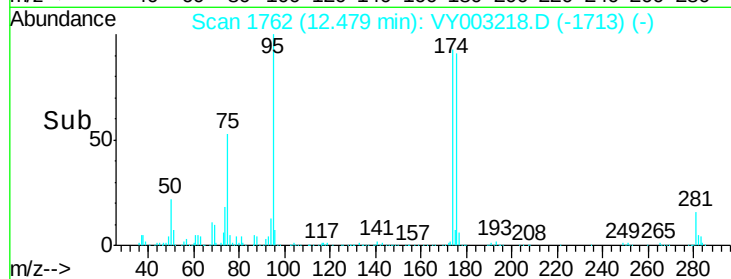
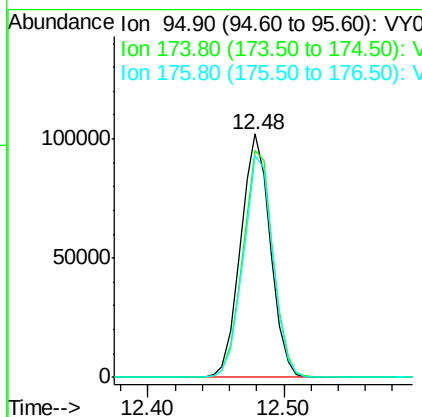
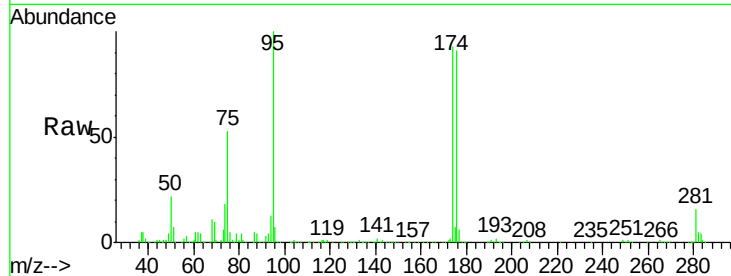




#62
4-Bromofluorobenzene
Concen: 46.607 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003218.D
Acq: 16 Jul 2020 18:36

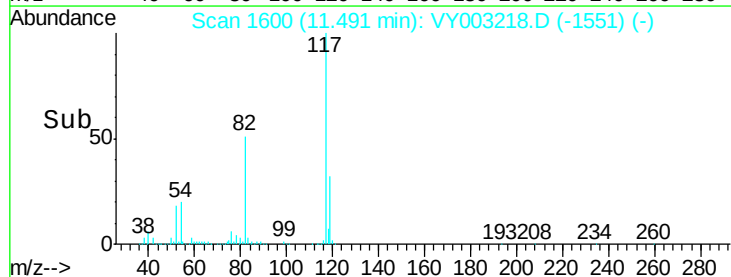
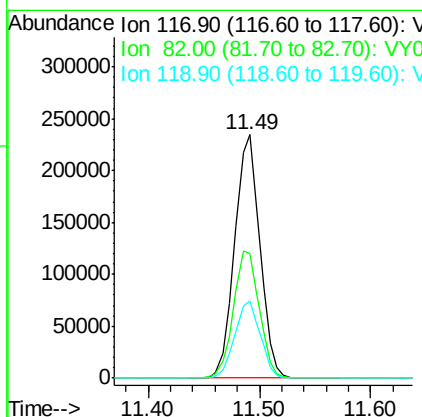
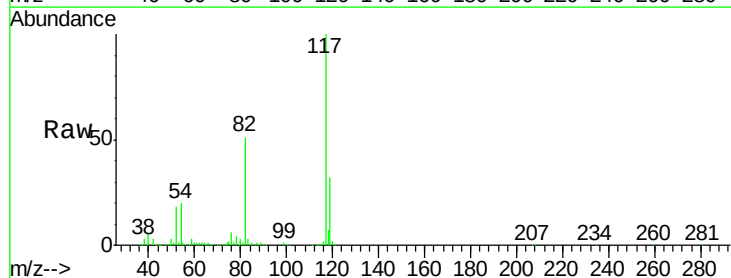
Instrument :
MSVOA_Y
ClientSampleId :
11

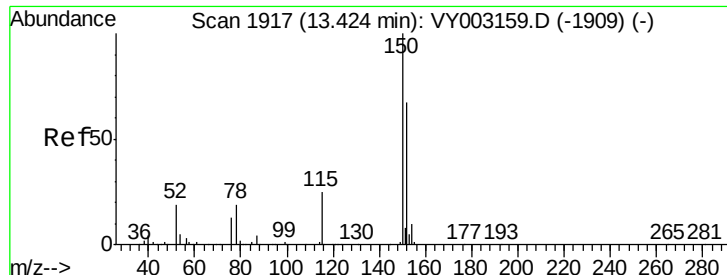
Tot Ion	95	Resp	154941
Ion Ratio	Lower	Upper	
95	100		
174	95.3	0.0	190.6
176	91.7	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003218.D
Acq: 16 Jul 2020 18:36

Tgt Ion	117	Resp	366927
Ion Ratio	Lower	Upper	
117	100		
82	50.9	42.0	63.0
119	31.7	25.5	38.3



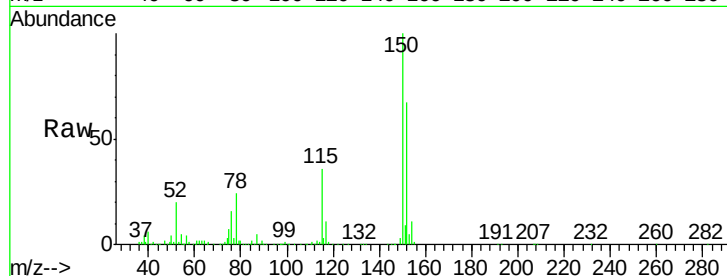


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY003218.D
 Acq: 16 Jul 2020 18:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 11

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.2	26.9	80.7
150	152.7	0.0	338.0



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

