

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003106.D
 Acq On : 06 Jul 2020 12:26
 Operator : SY/MD
 Sample : L3211-08
 Misc : 9.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8 11-11.5

Quant Time: Jul 07 07:53:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

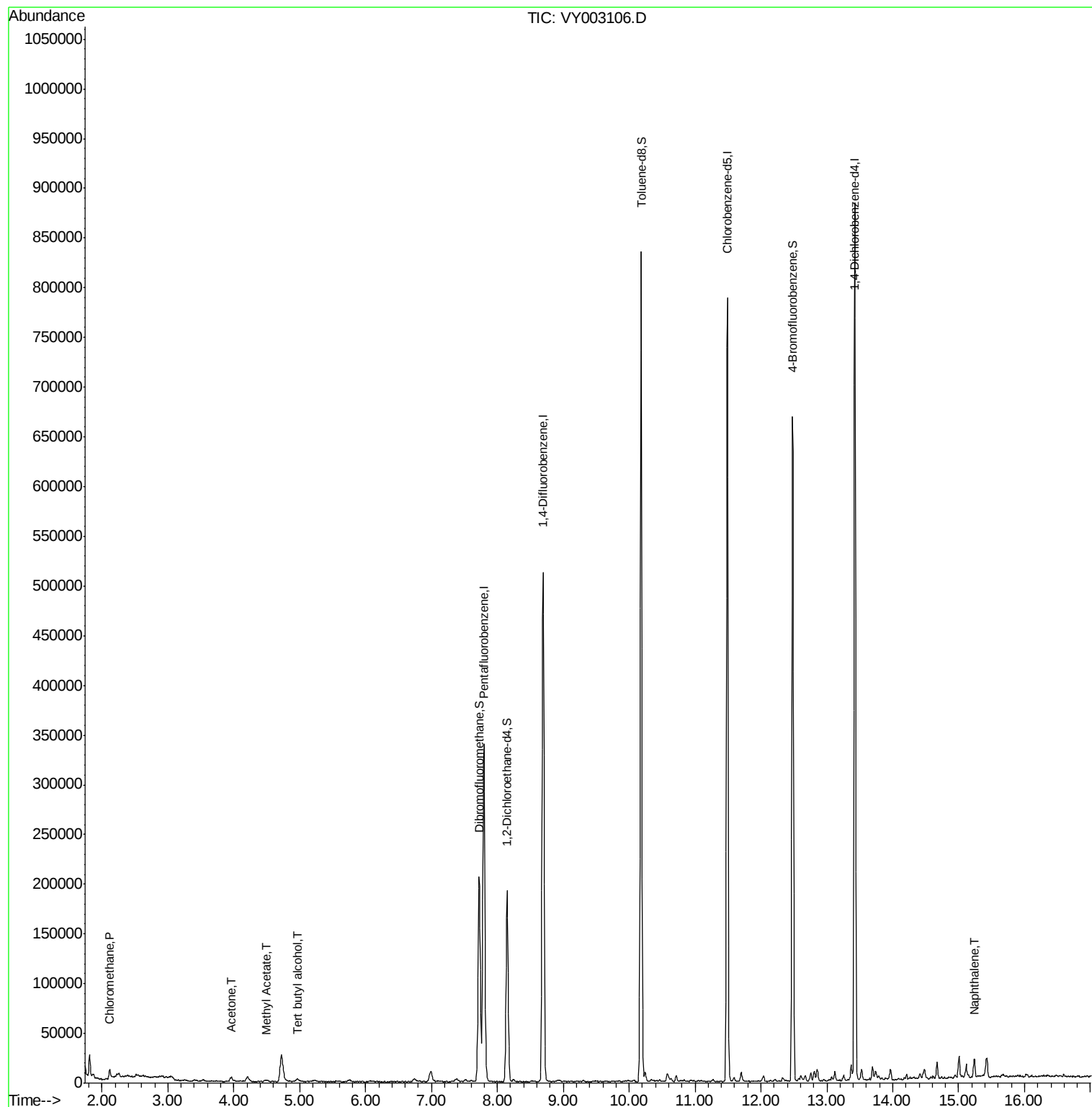
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	279035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	445721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	429390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	224089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	152261	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
35) Dibromofluoromethane	7.72	113	146145	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
50) Toluene-d8	10.18	98	540099	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.48	95	192187	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
Target Compounds						
3) Chloromethane	2.12	50	7961	2.573	ug/l	93
11) Tert butyl alcohol	4.97	59	5144	18.213	ug/l #	84
16) Acetone	3.96	43	7067	10.812	ug/l	97
18) Methyl Acetate	4.49	43	3074	1.746	ug/l	98
95) Naphthalene	15.24	128	14230	1.665	ug/l #	92

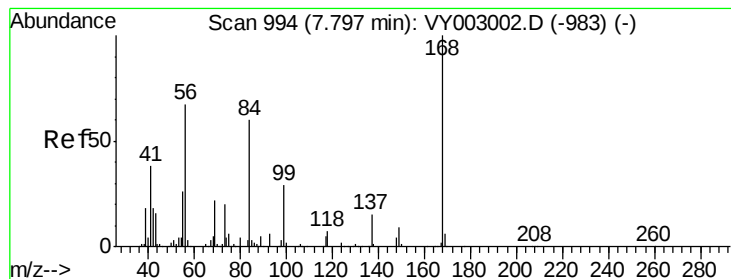
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 07 07:53:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003106.D

Acq: 06 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

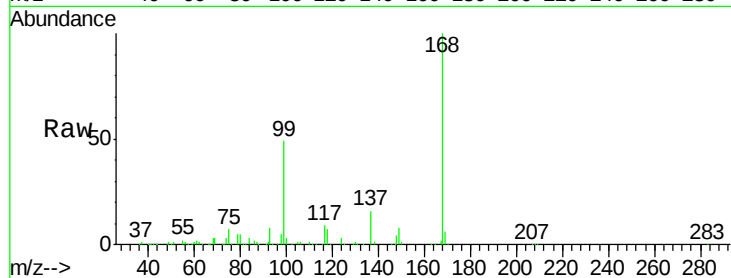
SB-8_11-11.5

Tot Ion:168 Resp: 279035

Ion Ratio Lower Upper

168 100

99 48.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003106.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003106.D (-945) (-)

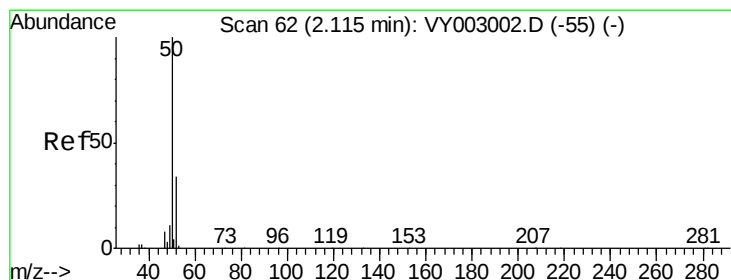
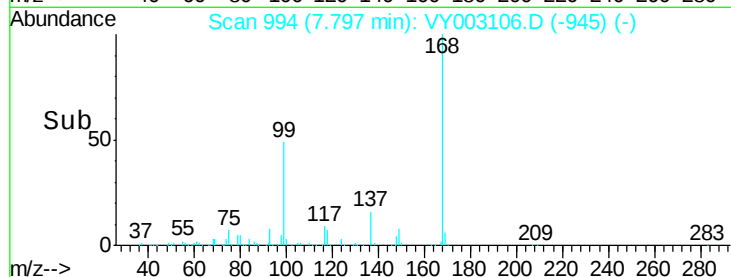
7.80

100000

50000

0

Time-->



#3

Chloromethane

Concen: 2.573 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003106.D

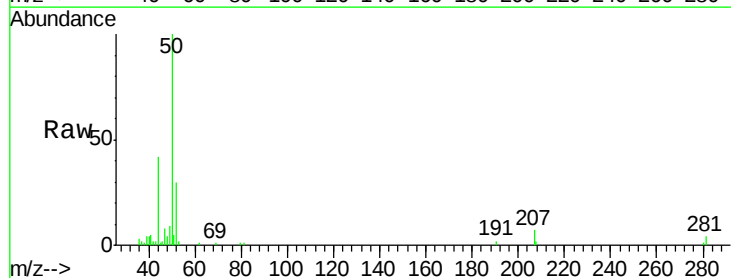
Acq: 06 Jul 2020 12:26

Tgt Ion: 50 Resp: 7961

Ion Ratio Lower Upper

50 100

52 29.6 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY003106.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003106.D (-13) (-)

2.12

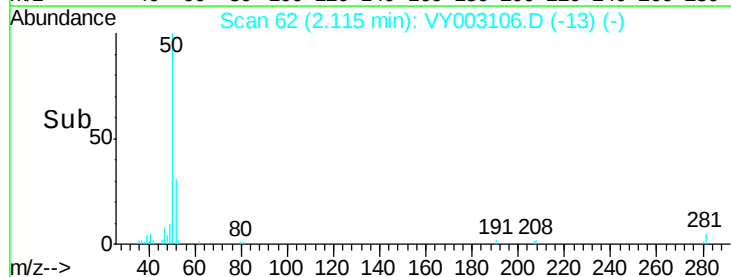
6000

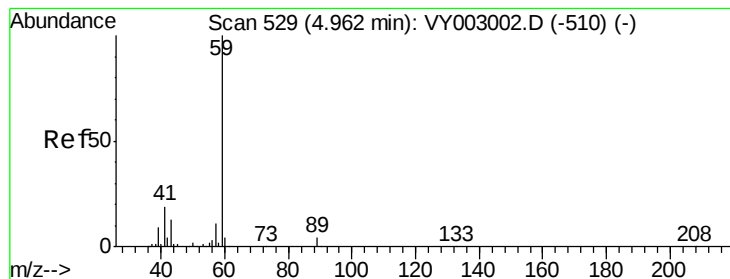
4000

2000

0

Time-->



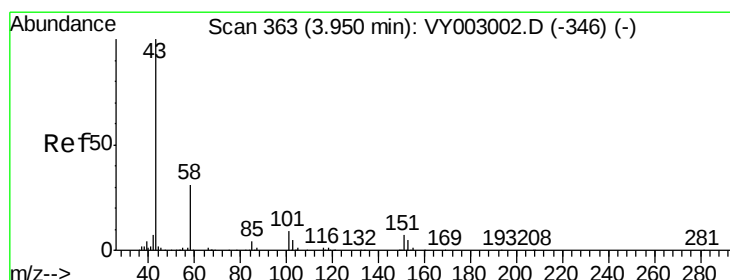
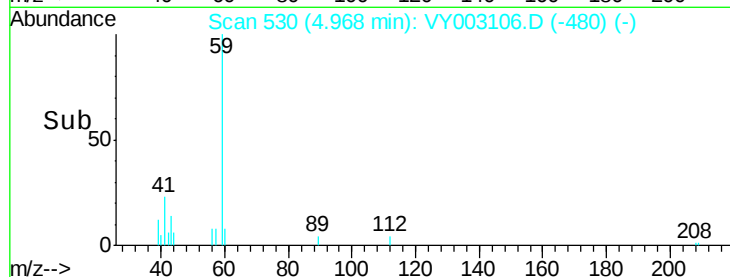
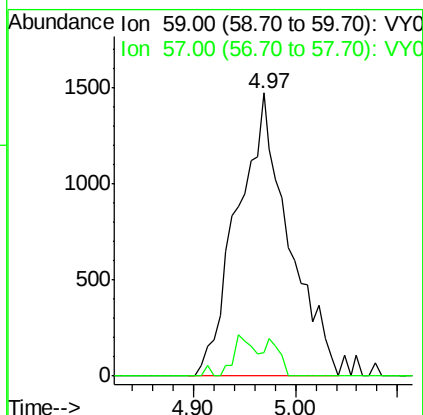
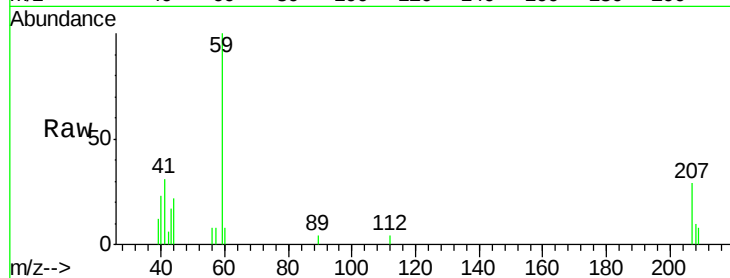


#11

Tert butyl alcohol
 Concen: 18.213 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003106.D
 Acq: 06 Jul 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8_11-11.5

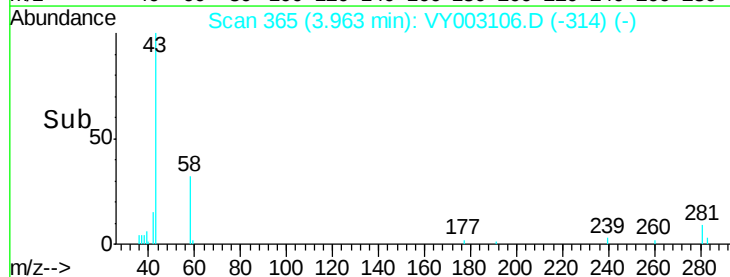
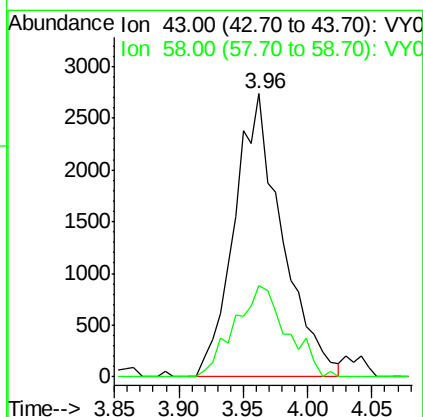
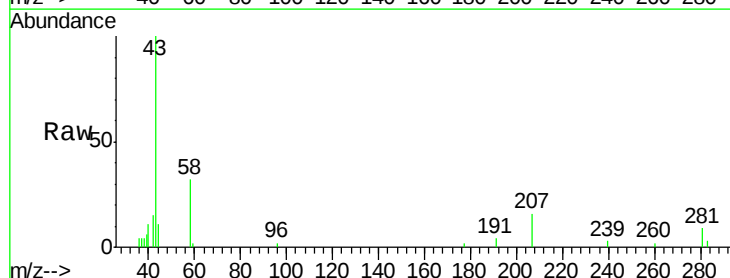
Tot Ion: 59 Resp: 5144
 Ion Ratio Lower Upper
 59 100
 57 4.1 8.0 12.0#

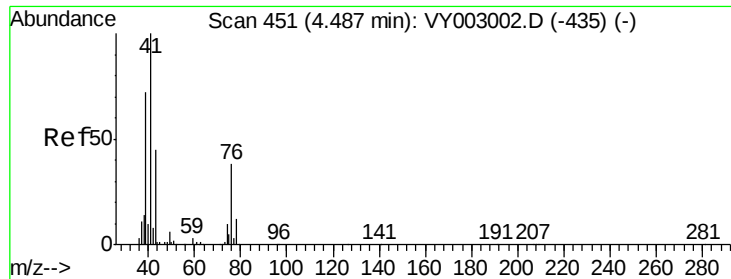


#16

Acetone
 Concen: 10.812 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY003106.D
 Acq: 06 Jul 2020 12:26

Tgt Ion: 43 Resp: 7067
 Ion Ratio Lower Upper
 43 100
 58 32.3 24.7 37.1

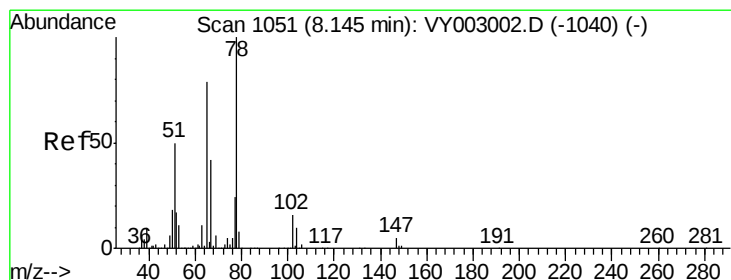
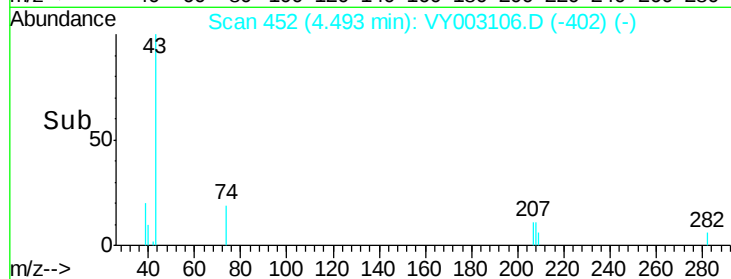
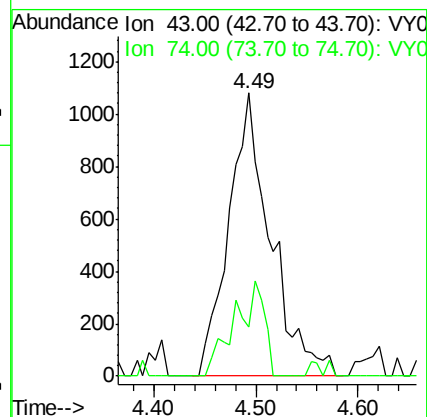
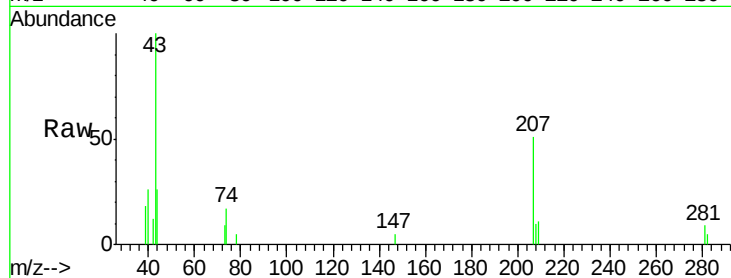




#18
Methvl Acetate
Concen: 1.746 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY003106.D
Acq: 06 Jul 2020 12:26

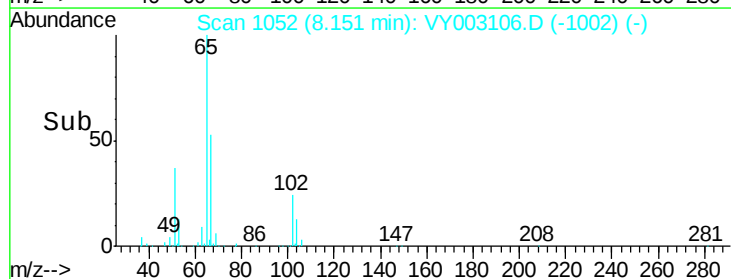
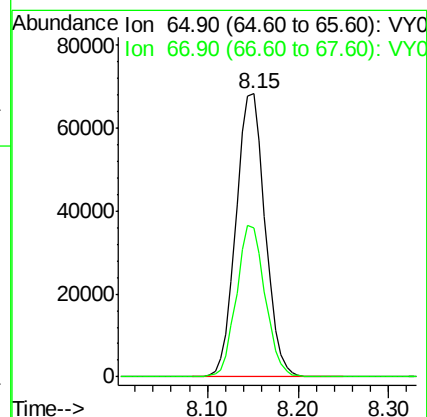
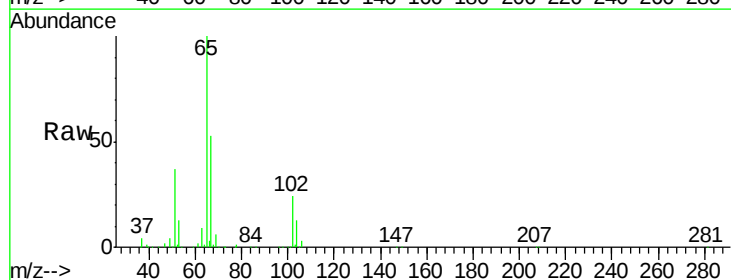
Instrument :
MSVOA_Y
ClientSampleId :
SB-8_11-11.5

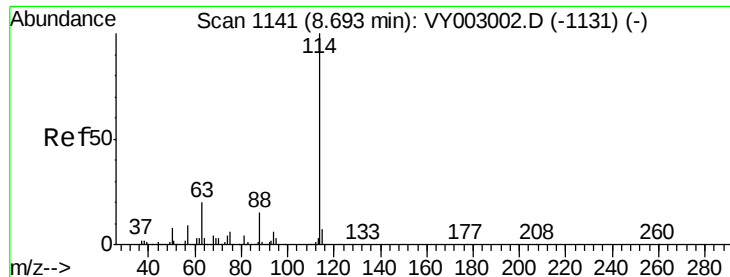
Tot Ion: 43 Resp: 3074
Ion Ratio Lower Upper
43 100
74 23.7 18.2 27.4



#33
1,2-Dichloroethane-d4
Concen: 54.940 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003106.D
Acq: 06 Jul 2020 12:26

Tgt Ion: 65 Resp: 152261
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.6

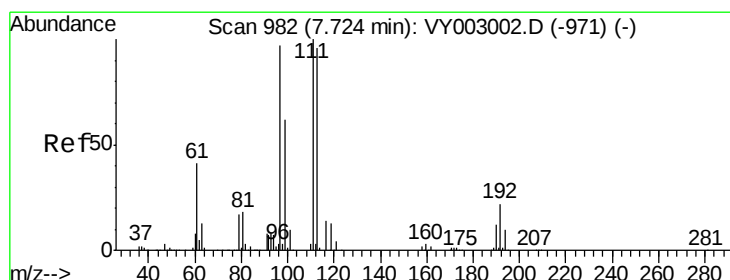
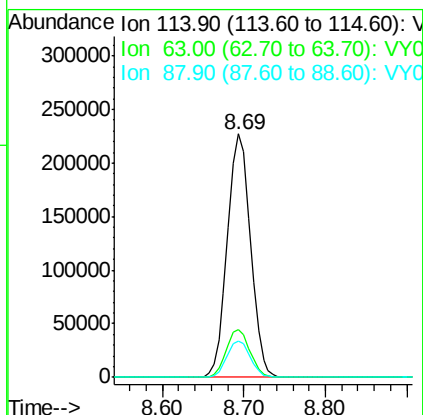
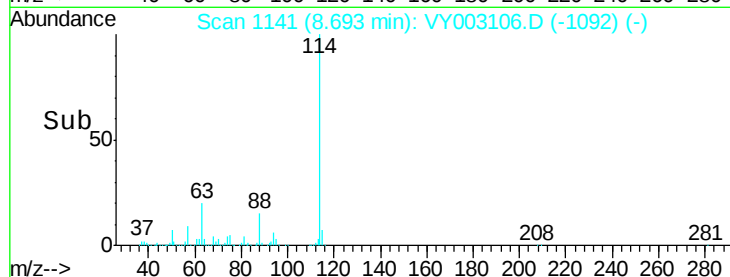
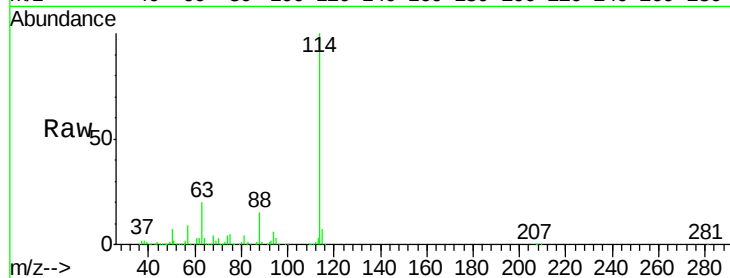




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003106.D
Acq: 06 Jul 2020 12:26

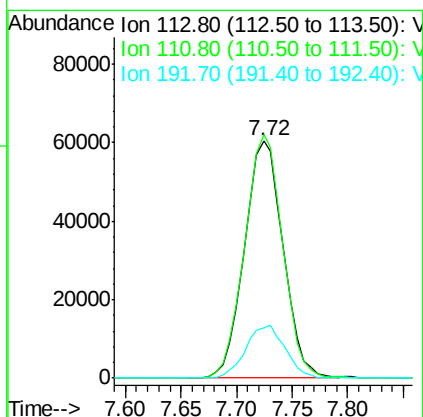
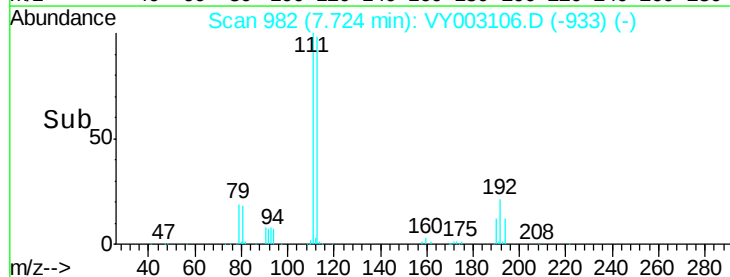
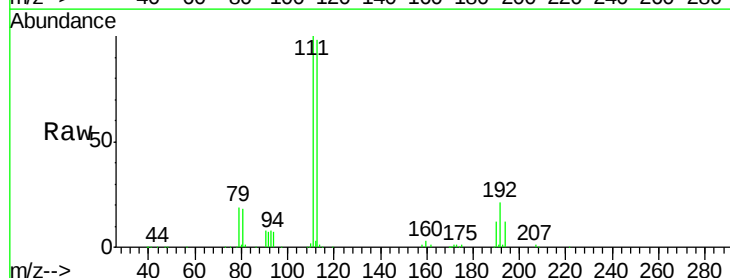
Instrument :
MSVOA_Y
ClientSampleId :
SB-8_11-11.5

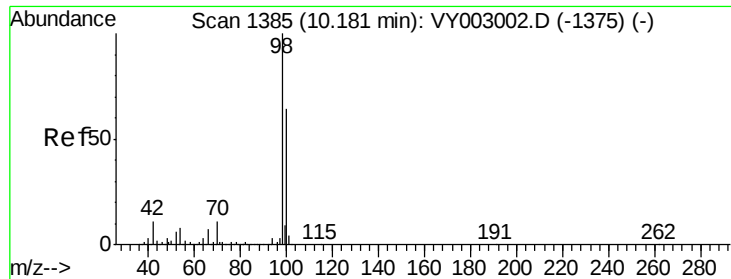
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.6
88	14.7	0.0	30.0



#35
Dibromofluoromethane
Concen: 52.561 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003106.D
Acq: 06 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	22.8	18.1	27.1





#50

Toluene-d8

Concen: 52.140 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003106.D

Acq: 06 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

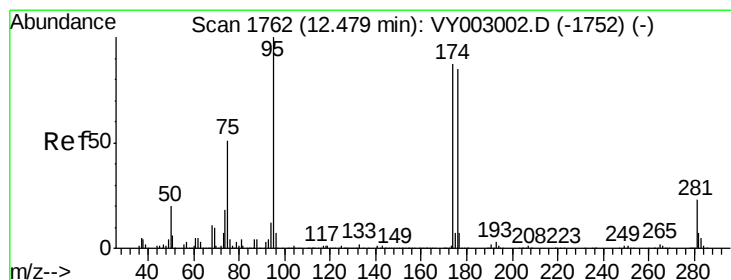
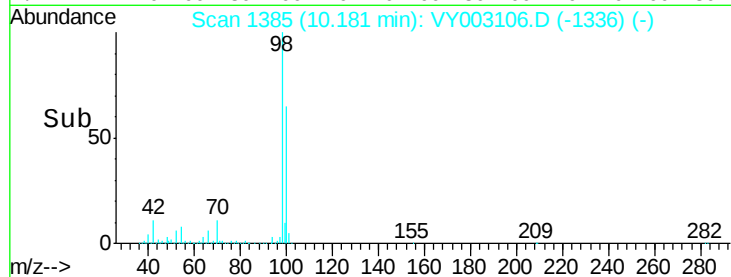
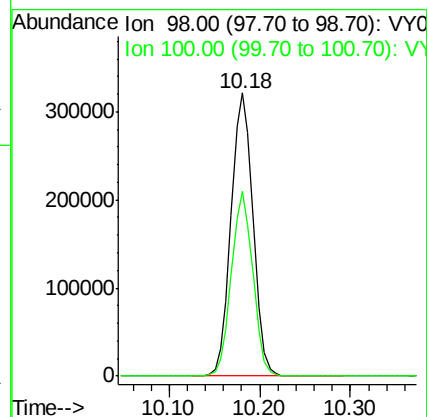
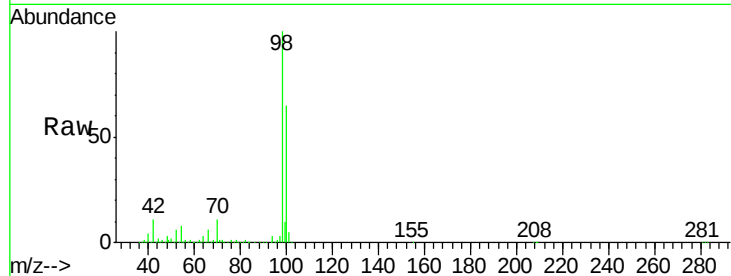
SB-8_11-11.5

Tot Ion: 98 Resp: 540099

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 52.709 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003106.D

Acq: 06 Jul 2020 12:26

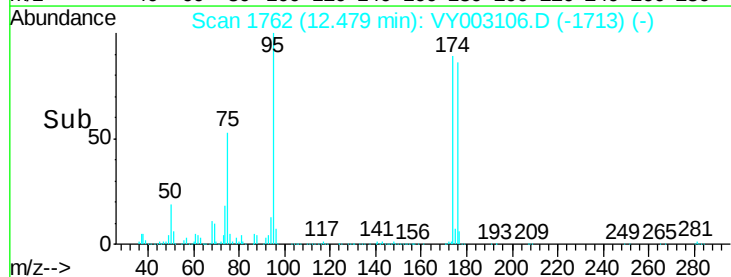
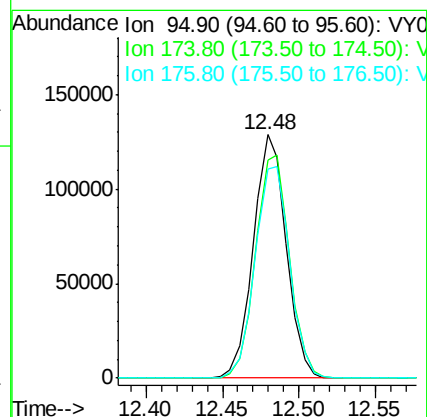
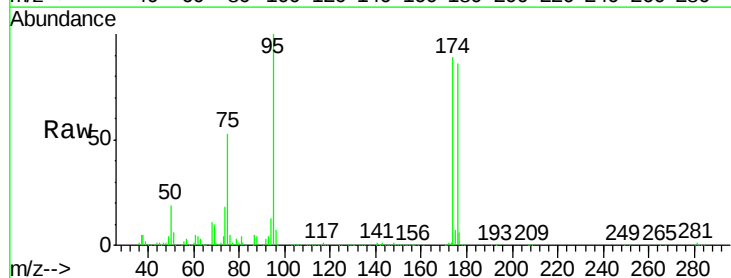
Tgt Ion: 95 Resp: 192187

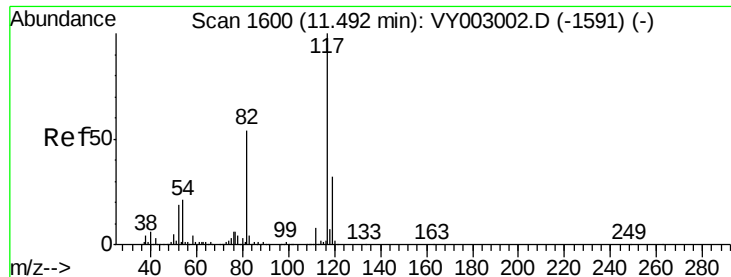
Ion Ratio Lower Upper

95 100

174 94.7 0.0 184.8

176 92.0 0.0 183.0

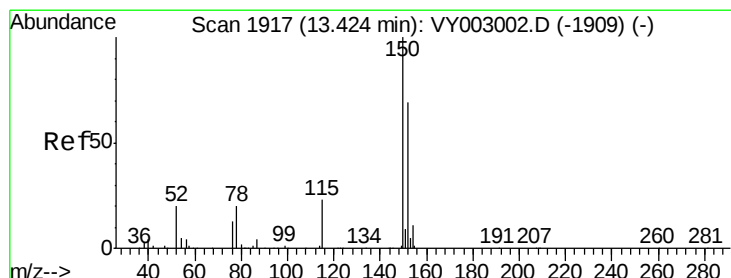
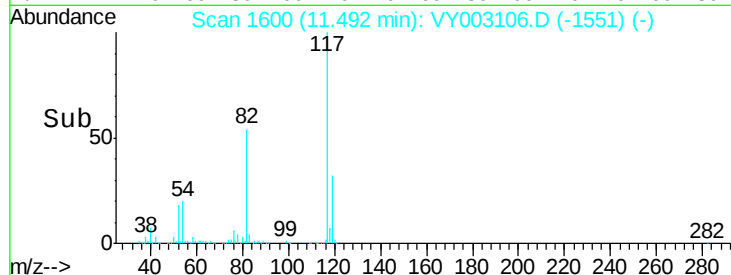
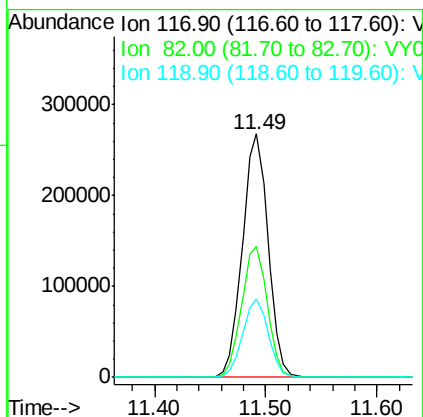
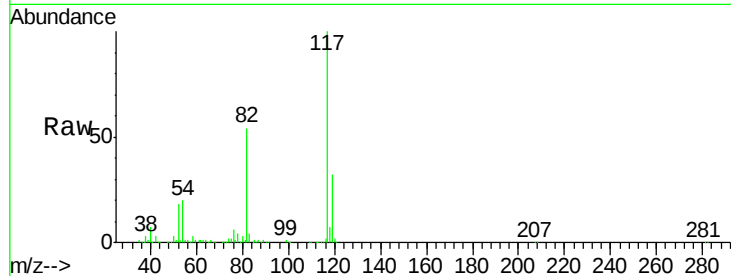




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003106.D
Acq: 06 Jul 2020 12:26

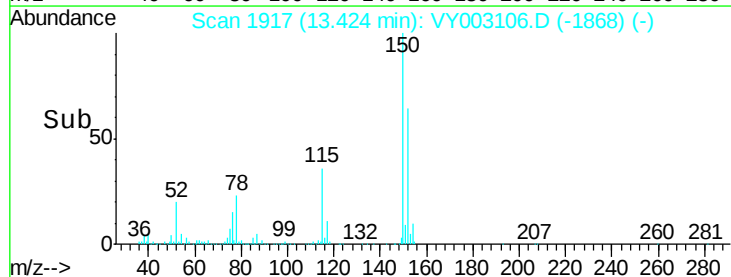
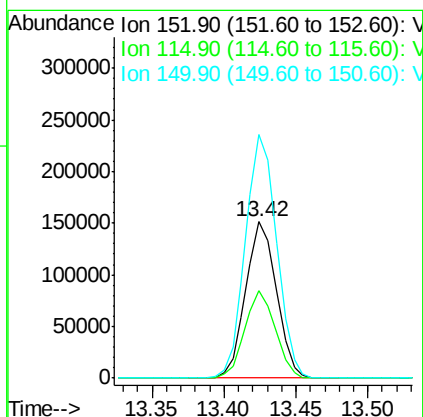
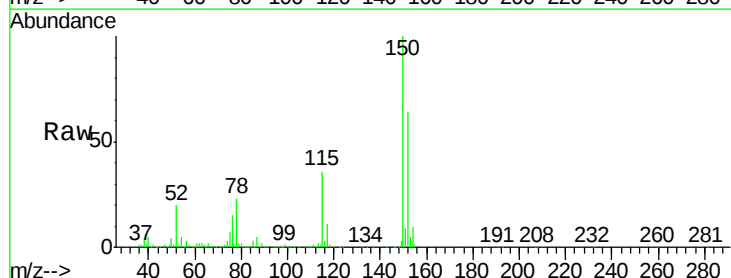
Instrument :
MSVOA_Y
ClientSampleId :
SB-8_11-11.5

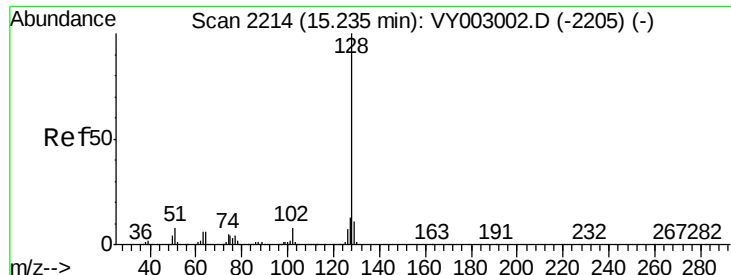
Tot Ion:117 Resp: 429390
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.6
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003106.D
Acq: 06 Jul 2020 12:26

Tgt Ion:152 Resp: 224089
Ion Ratio Lower Upper
152 100
115 55.3 27.3 81.9
150 158.3 0.0 343.4





#95

Naphthalene

Concen: 1.665 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY003106.D

Acq: 06 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

SB-8_11-11.5

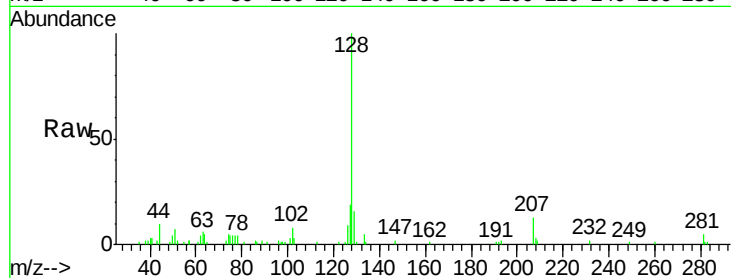
Tot Ion:128 Resp: 14230

Ion Ratio Lower Upper

128 100

127 17.1 10.8 16.2#

129 13.9 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

