

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003125.D
 Acq On : 07 Jul 2020 14:39
 Operator : SY/MD
 Sample : L3211-09
 Misc : 12.52G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9 3-3.5

Quant Time: Jul 08 04:06:34 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

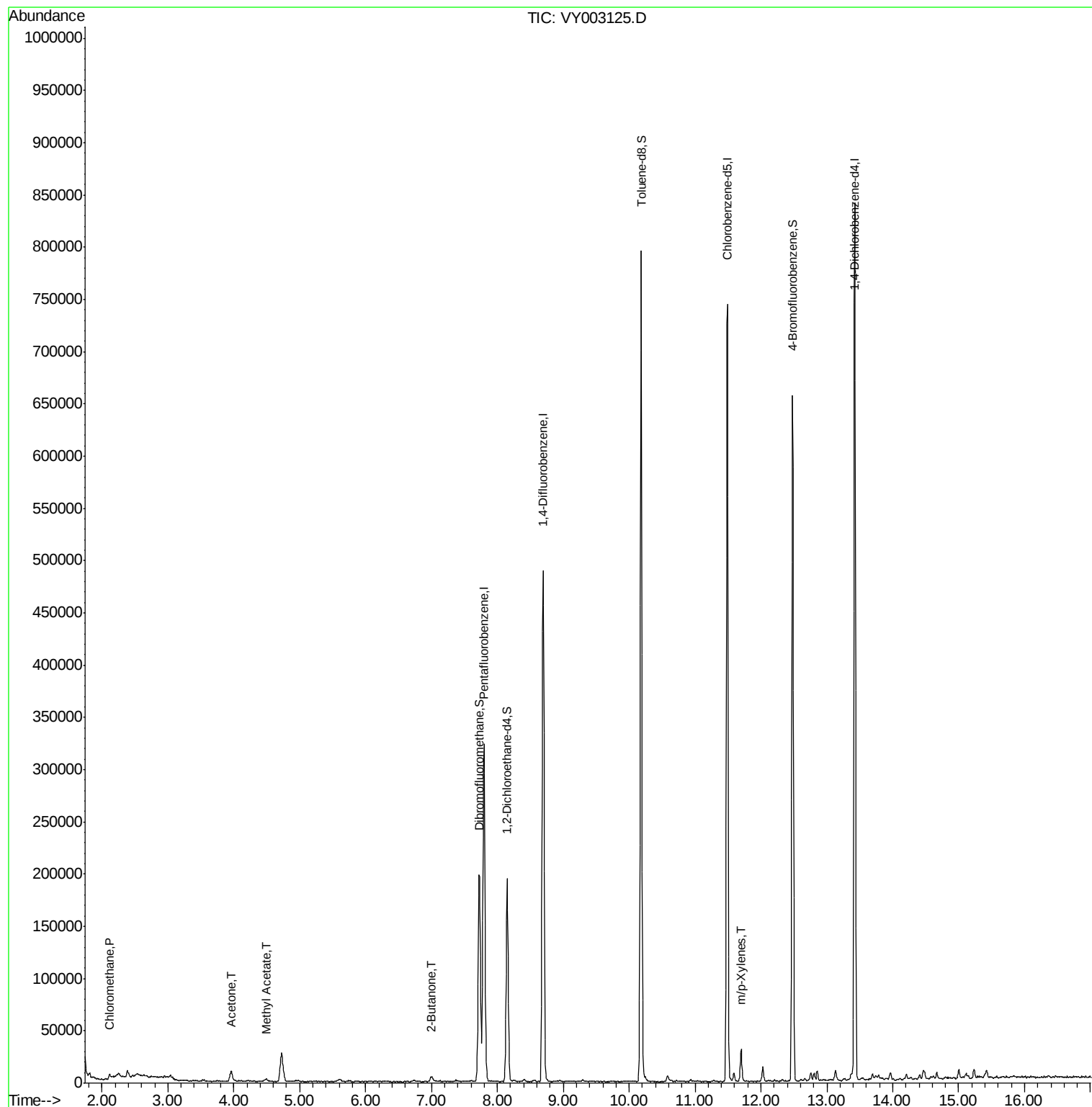
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	266428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	429757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	415401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	218407	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	152106	57.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.96%	
35) Dibromofluoromethane	7.72	113	142713	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
50) Toluene-d8	10.18	98	513514	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.48	95	187629	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
Target Compounds						
3) Chloromethane	2.12	50	3156	1.068	ug/l #	87
16) Acetone	3.96	43	17166	27.506	ug/l #	80
18) Methyl Acetate	4.49	43	4528	2.693	ug/l #	85
25) 2-Butanone	7.00	43	7150	7.212	ug/l	95
68) m/p-Xylenes	11.70	106	9196	1.649	ug/l	99

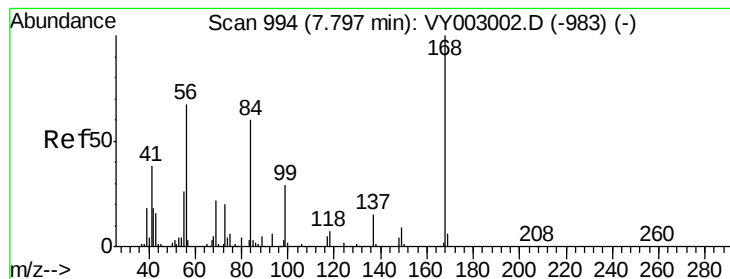
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-9 3-3.5

Quant Time: Jul 08 04:06:34 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: VY003125.D

Acq: 07 Jul 2020 14:39

Instrument :

MSVOA_Y

ClientSampleId :

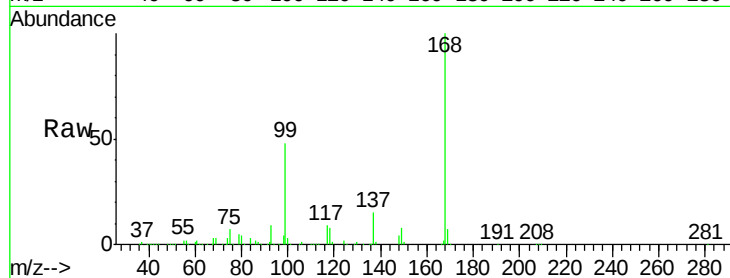
SB-9 3-3.5

Tot Ion:168 Resp: 266428

Ion Ratio Lower Upper

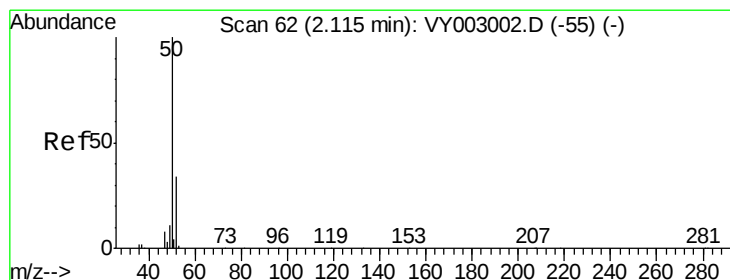
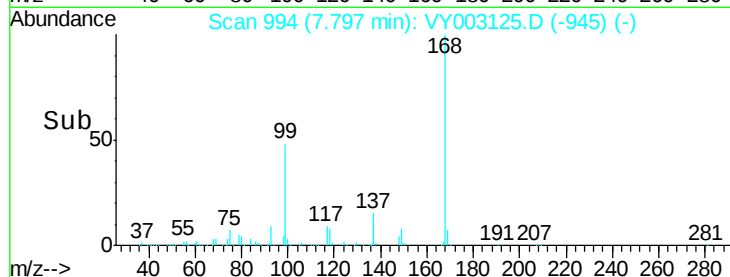
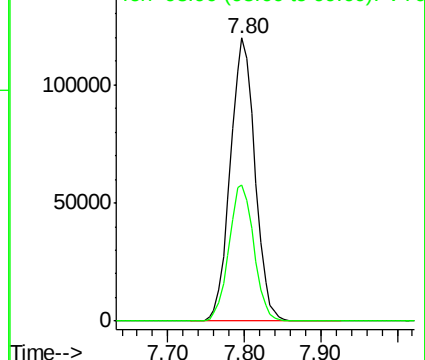
168 100

99 48.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#3

Chloromethane

Concen: 1.068 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003125.D

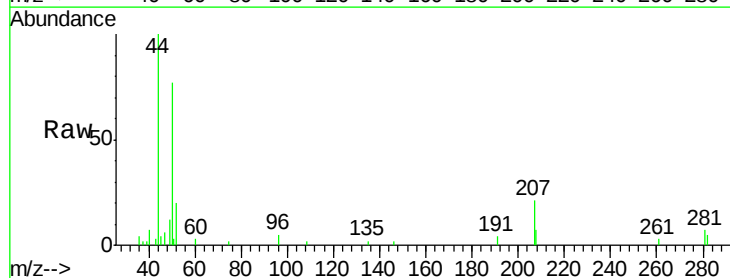
Acq: 07 Jul 2020 14:39

Tgt Ion: 50 Resp: 3156

Ion Ratio Lower Upper

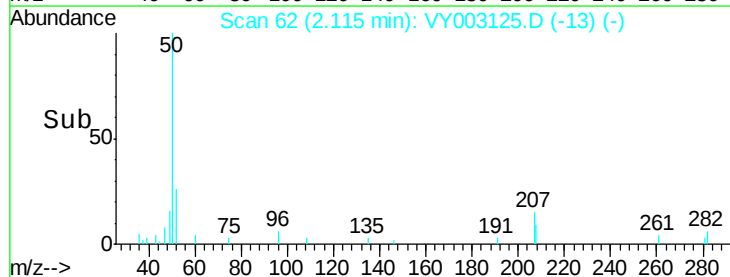
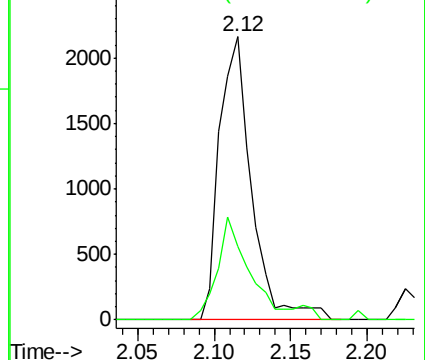
50 100

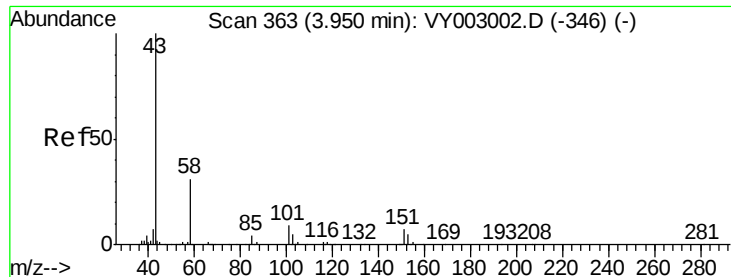
52 26.0 26.9 40.3#



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0





#16

Acetone

Concen: 27.506 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003125.D

Acq: 07 Jul 2020 14:39

Instrument :

MSVOA_Y

ClientSampleId :

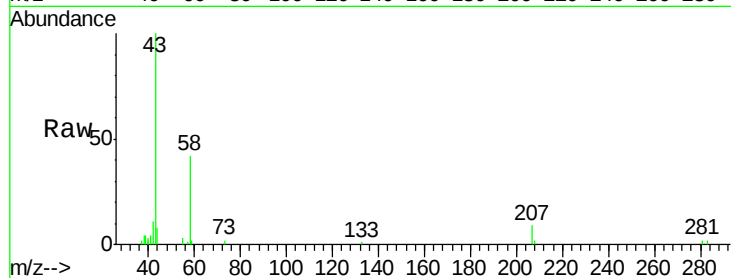
SB-9 3-3.5

Tot Ion: 43 Resp: 17166

Ion Ratio Lower Upper

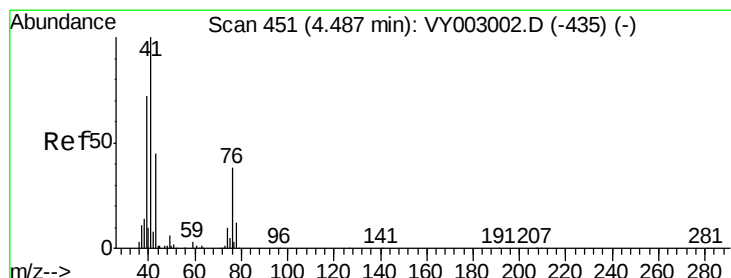
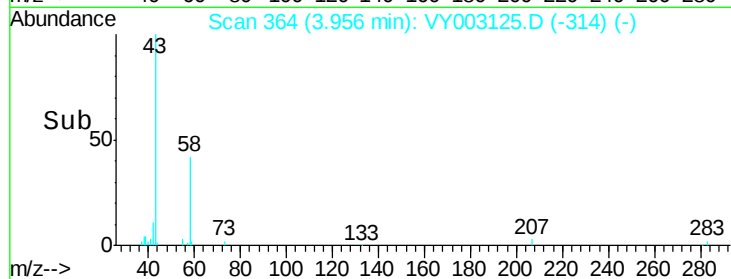
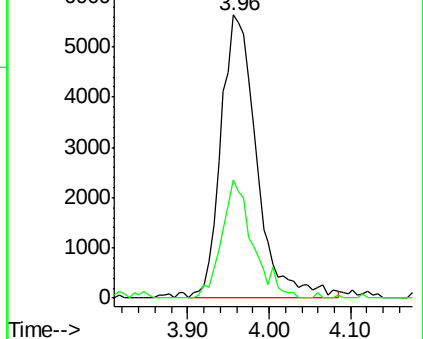
43 100

58 41.7 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#18

Methyl Acetate

Concen: 2.693 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY003125.D

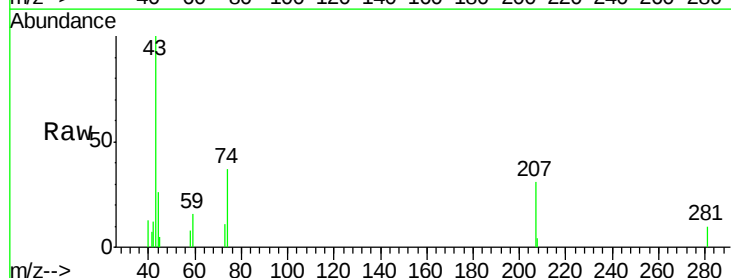
Acq: 07 Jul 2020 14:39

Tgt Ion: 43 Resp: 4528

Ion Ratio Lower Upper

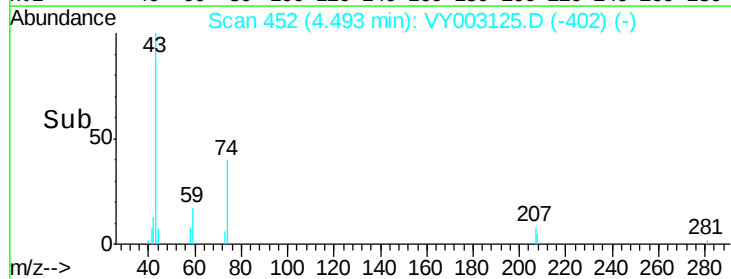
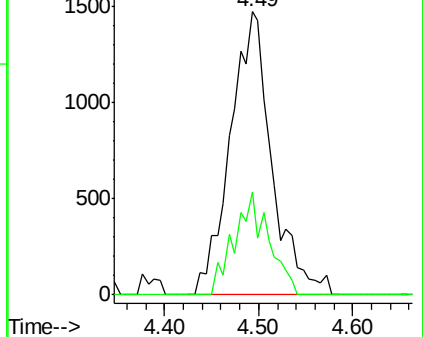
43 100

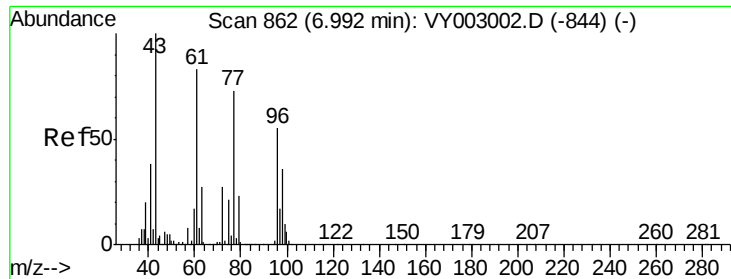
74 30.1 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#25

2-Butanone

Concen: 7.212 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003125.D

Acq: 07 Jul 2020 14:39

Instrument :

MSVOA_Y

ClientSampleId :

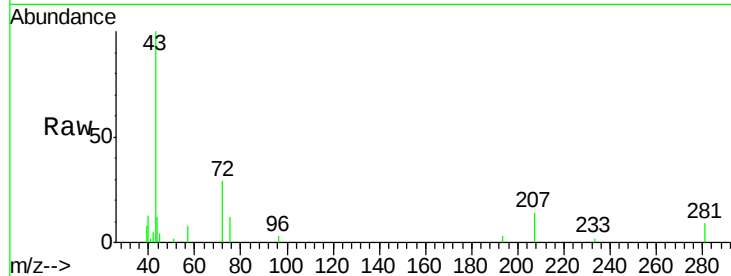
SB-9 3-3.5

Tot Ion: 43 Resp: 7150

Ion Ratio Lower Upper

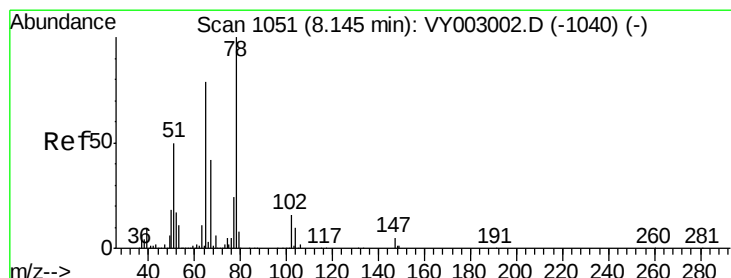
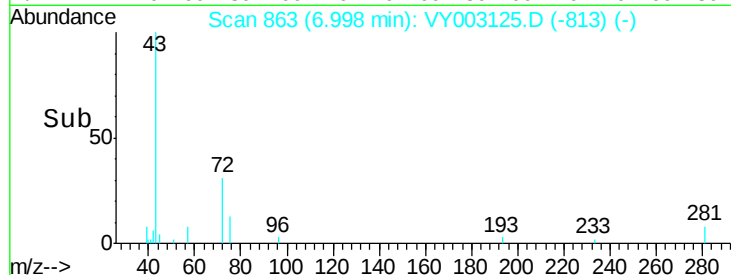
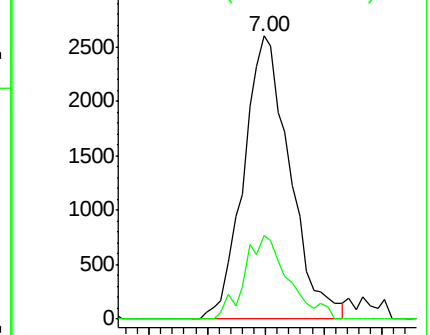
43 100

72 29.5 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 57.482 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003125.D

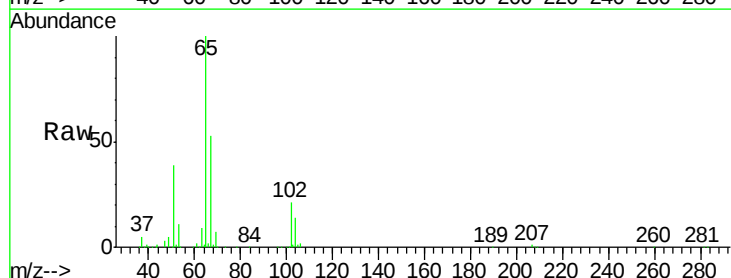
Acq: 07 Jul 2020 14:39

Tgt Ion: 65 Resp: 152106

Ion Ratio Lower Upper

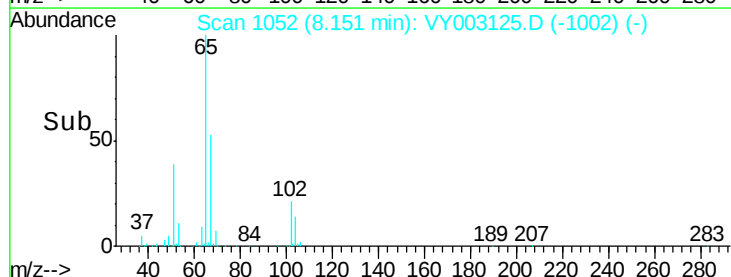
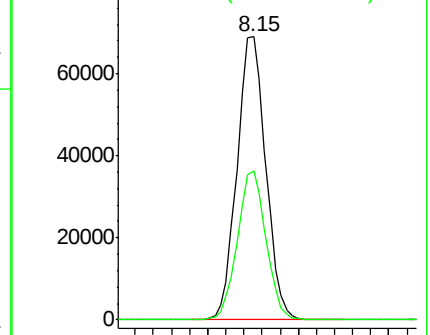
65 100

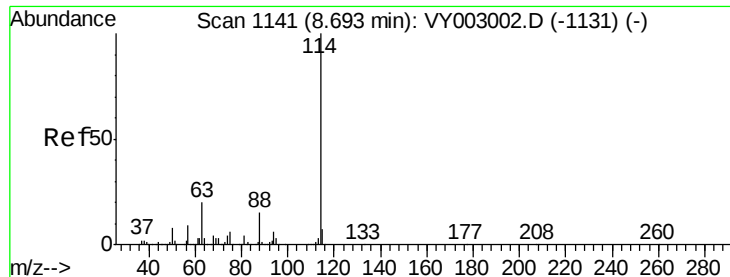
67 52.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003125.D

Acq: 07 Jul 2020 14:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-9 3-3.5

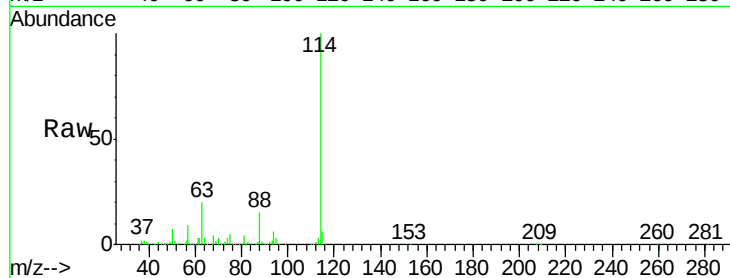
Tot Ion:114 Resp: 429757

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

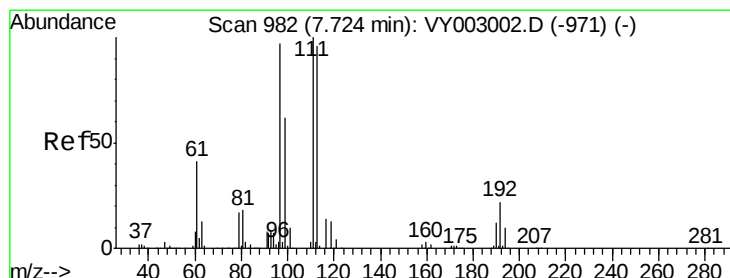
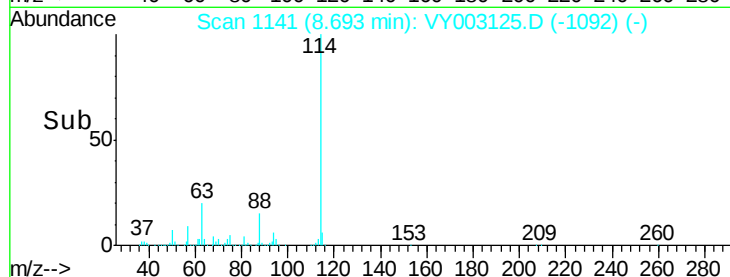
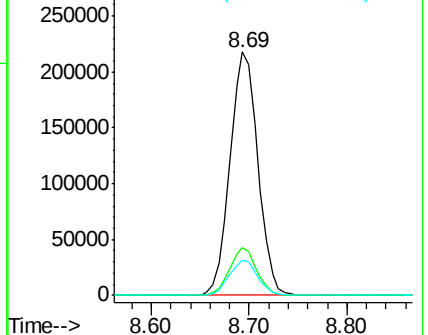
88 14.6 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 53.233 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003125.D

Acq: 07 Jul 2020 14:39

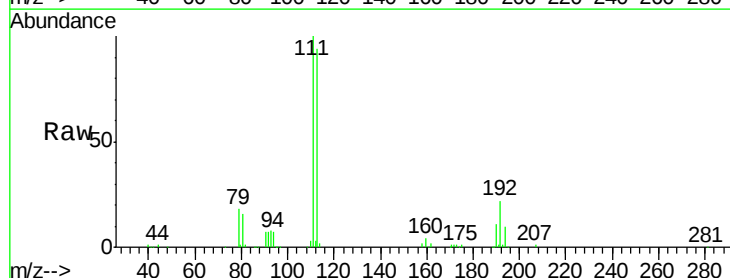
Tgt Ion:113 Resp: 142713

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

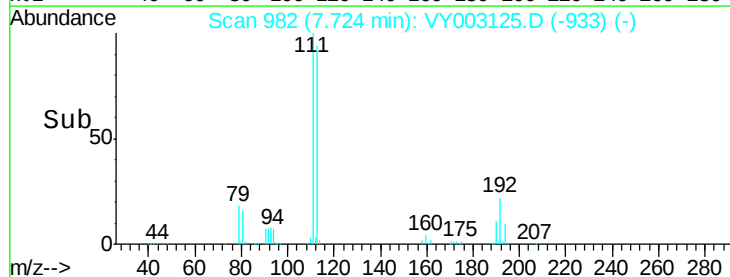
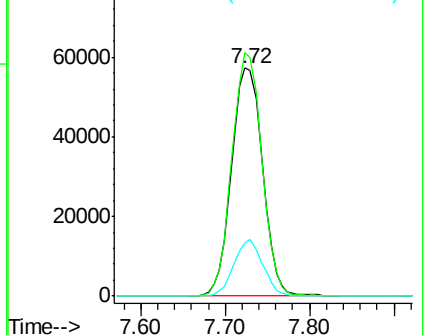
192 23.0 18.1 27.1

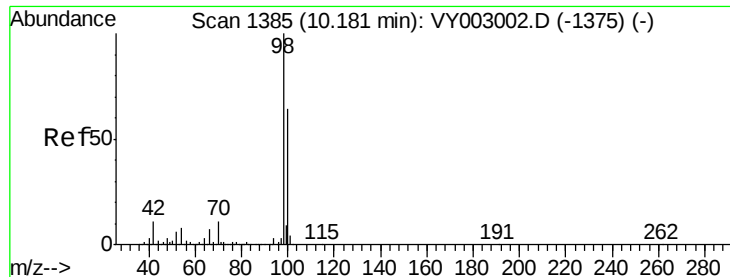


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.415 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003125.D

Acq: 07 Jul 2020 14:39

Instrument :

MSVOA_Y

ClientSampleId :

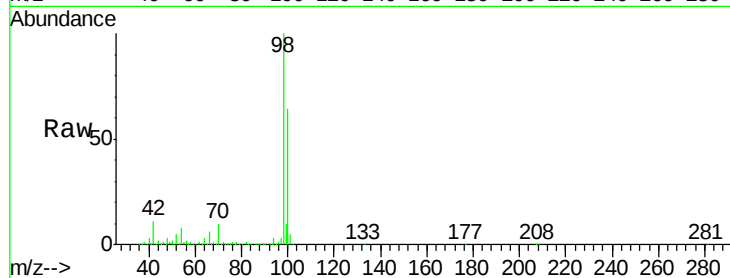
SB-9 3-3.5

Tot Ion: 98 Resp: 513514

Ion Ratio Lower Upper

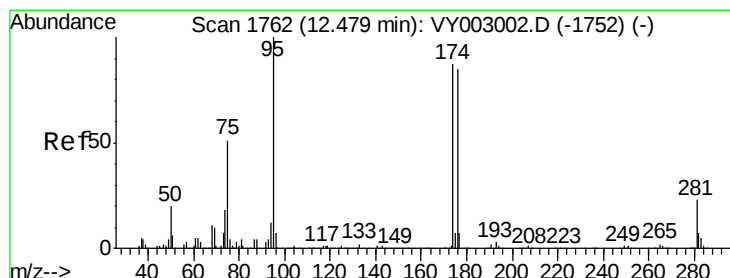
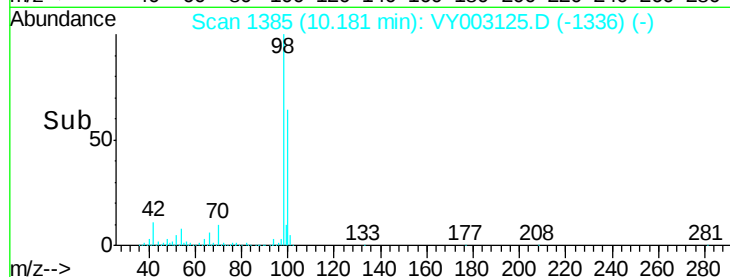
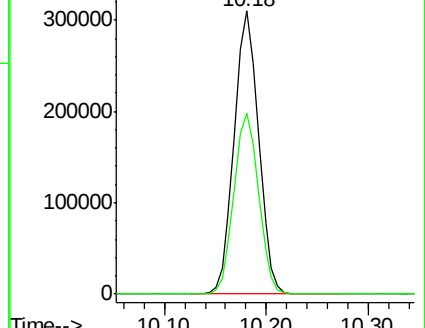
98 100

100 64.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 53.370 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003125.D

Acq: 07 Jul 2020 14:39

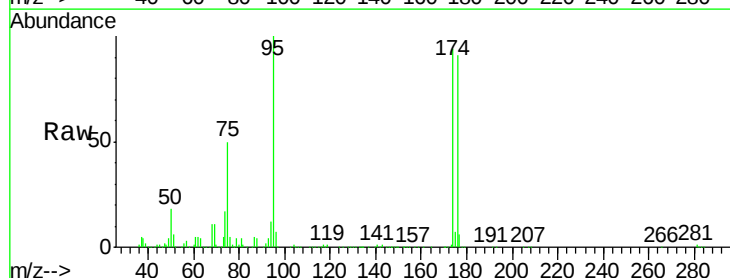
Tgt Ion: 95 Resp: 187629

Ion Ratio Lower Upper

95 100

174 97.7 0.0 184.8

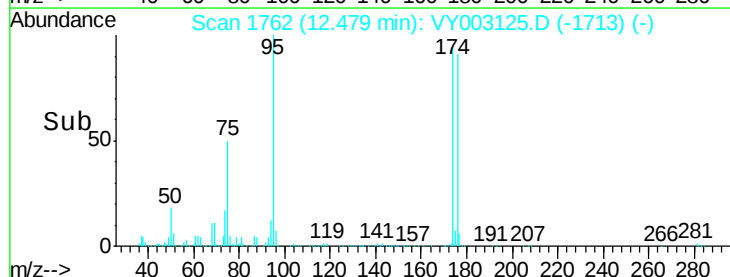
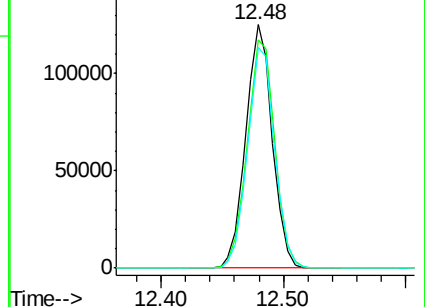
176 93.4 0.0 183.0

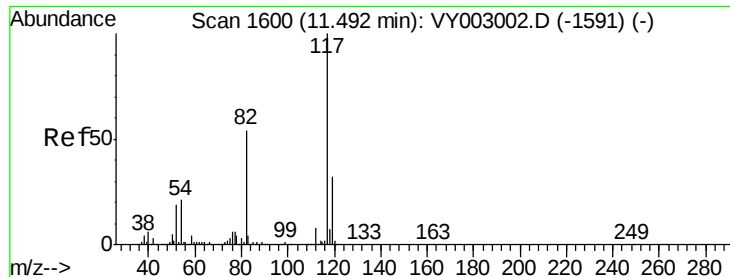


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003125.D

Acq: 07 Jul 2020 14:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-9 3-3.5

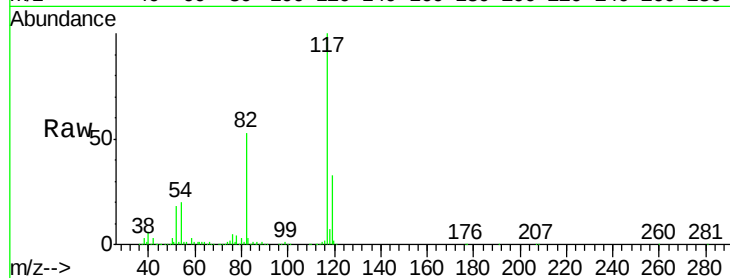
Tot Ion:117 Resp: 415401

Ion Ratio Lower Upper

117 100

82 53.1 43.0 64.6

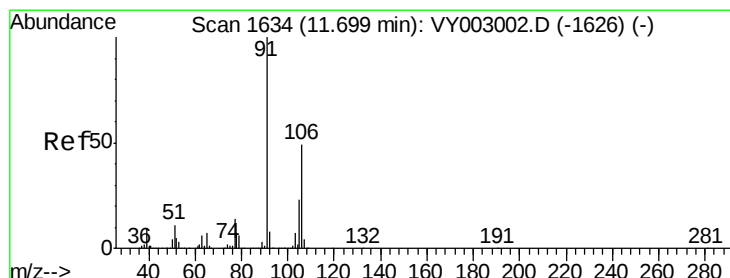
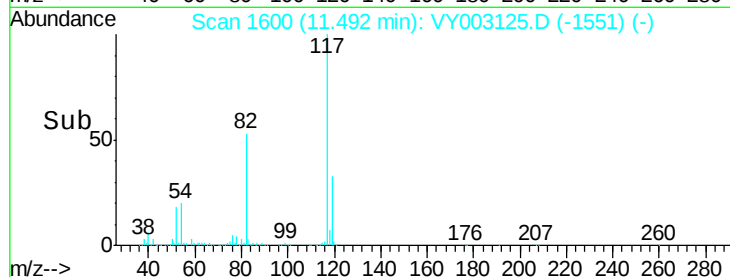
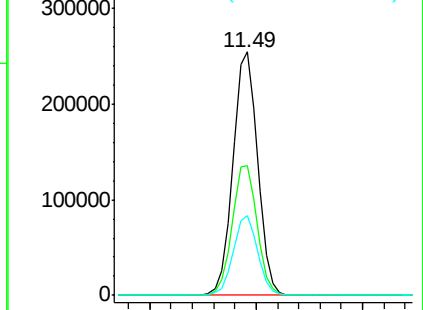
119 32.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 1.649 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003125.D

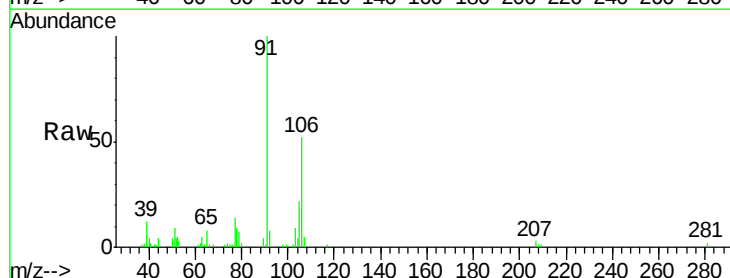
Acq: 07 Jul 2020 14:39

Tgt Ion:106 Resp: 9196

Ion Ratio Lower Upper

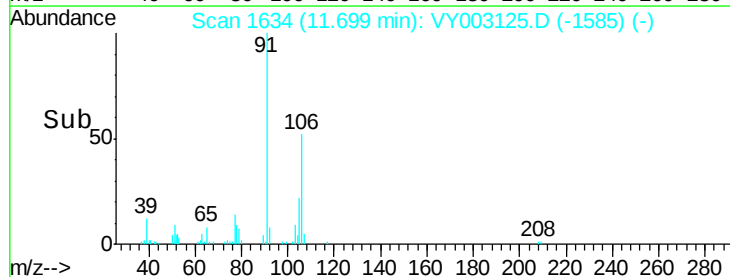
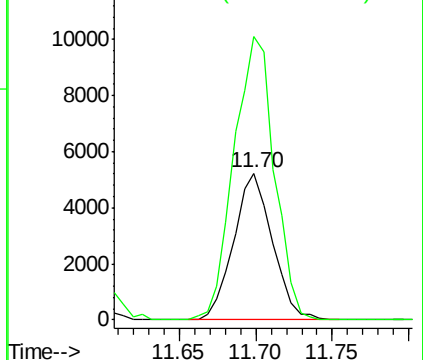
106 100

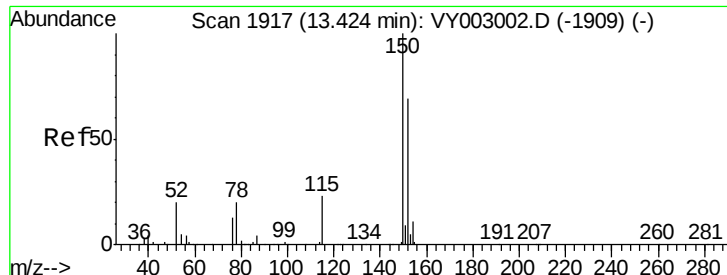
91 200.9 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



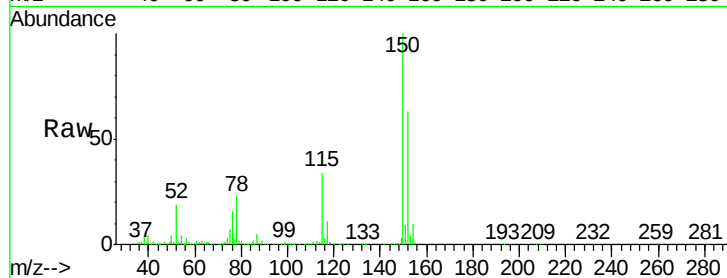


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY003125.D
 Acq: 07 Jul 2020 14:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9 3-3.5

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.3	81.9
150	159.7	0.0	343.4



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

