

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002428.D
 Acq On : 21 Apr 2020 13:09
 Operator : SY/MD
 Sample : VY0421SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBL01

Quant Time: Apr 22 08:27:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

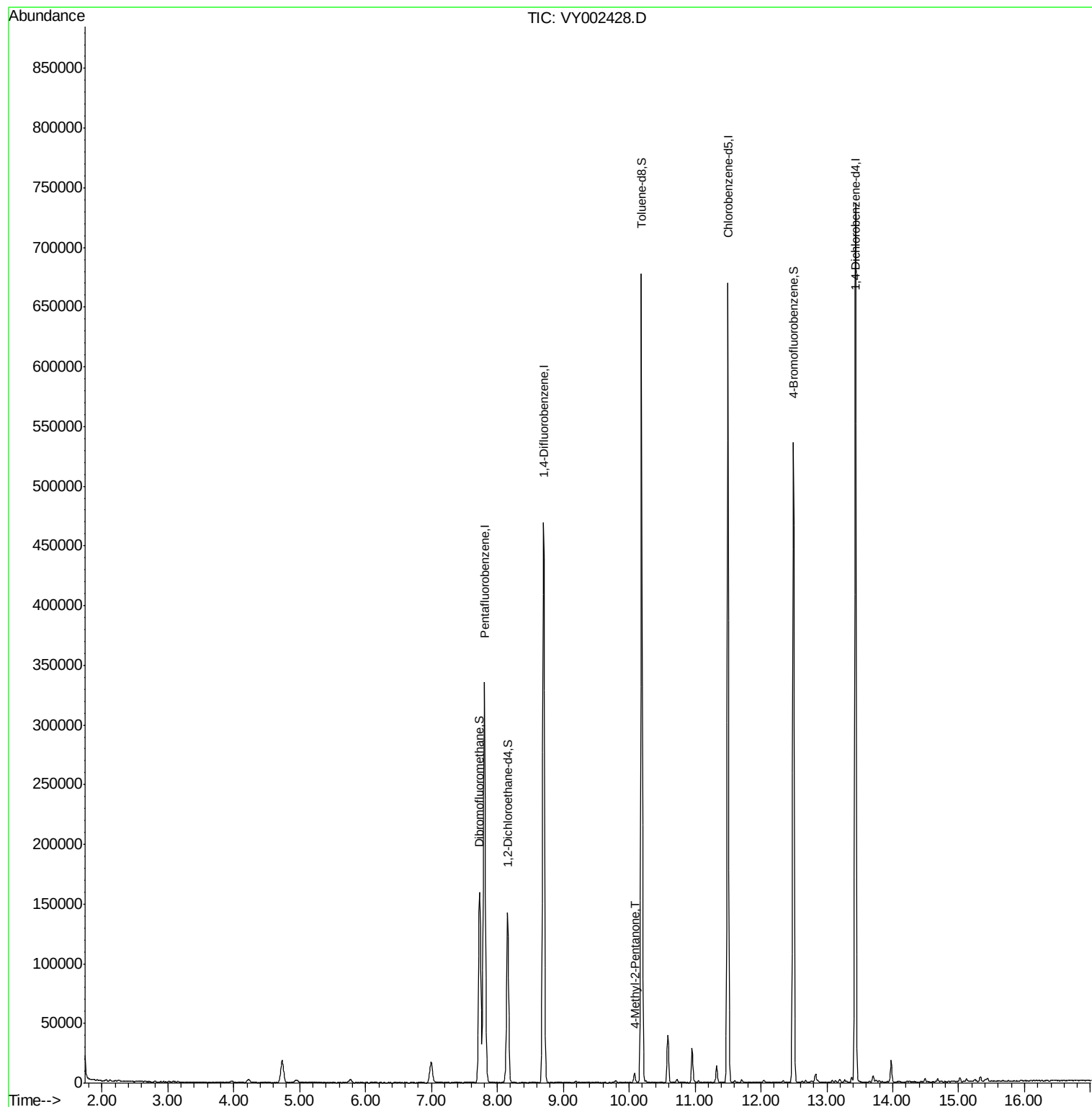
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	282799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	440034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	392188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	197436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	104406	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
35) Dibromofluoromethane	7.73	113	116420	50.30	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	10.19	98	462958	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.49	95	157825	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
Target Compounds						
51) 4-Methyl-2-Pentanone	10.08	43	5398	3.347	ug/l	Qvalue 96

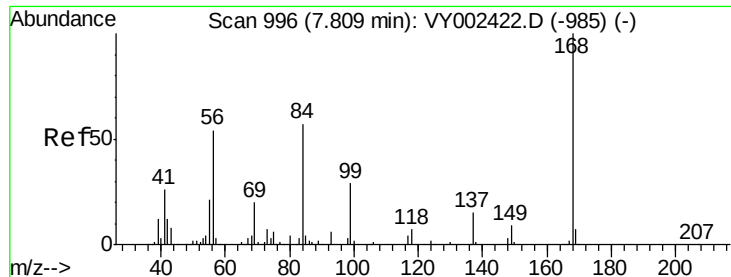
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002428.D

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MSVOA_Y

ClientSampleId :

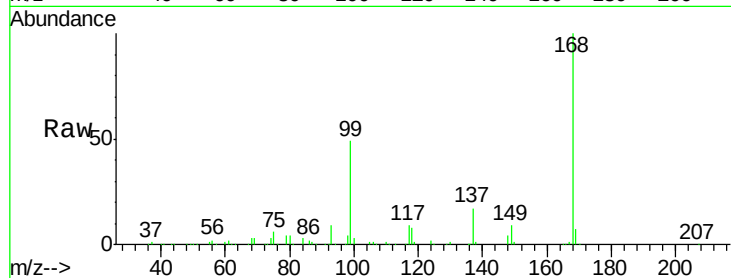
VY0421SBL01

Tot Ion:168 Resp: 282799

Ion Ratio Lower Upper

168 100

99 48.6 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

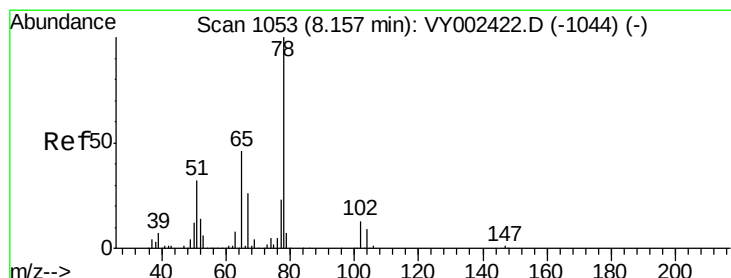
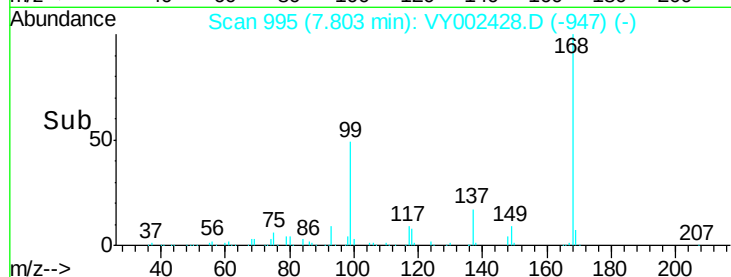
7.80

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.761 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002428.D

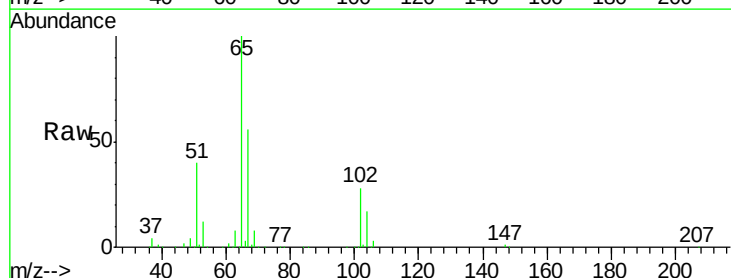
Acq: 21 Apr 2020 13:09

Tgt Ion: 65 Resp: 104406

Ion Ratio Lower Upper

65 100

67 55.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

50000

40000

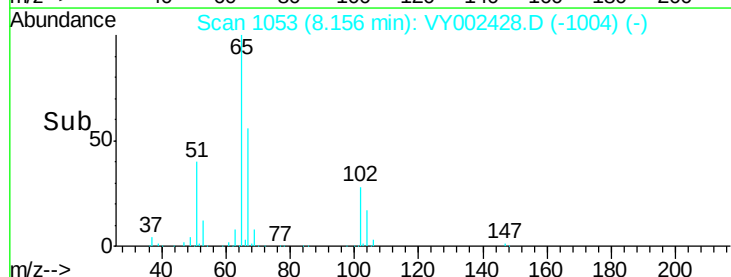
30000

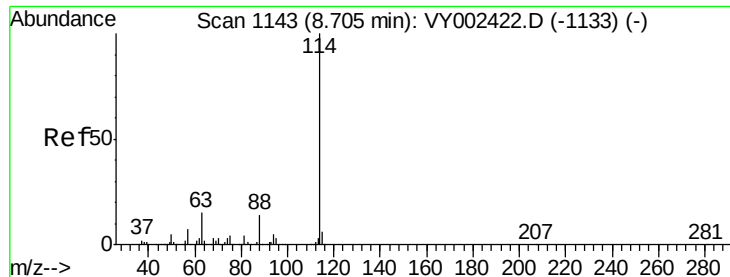
20000

10000

0

Time-->

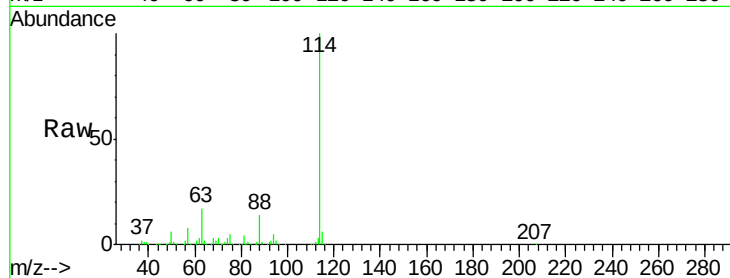




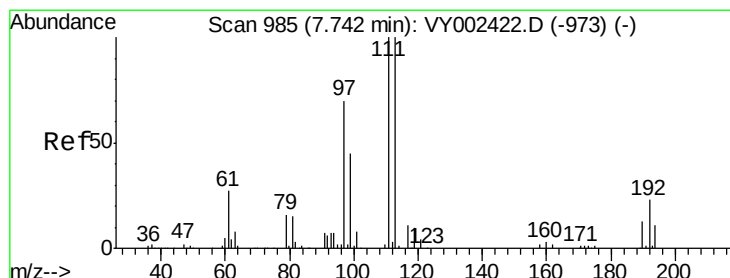
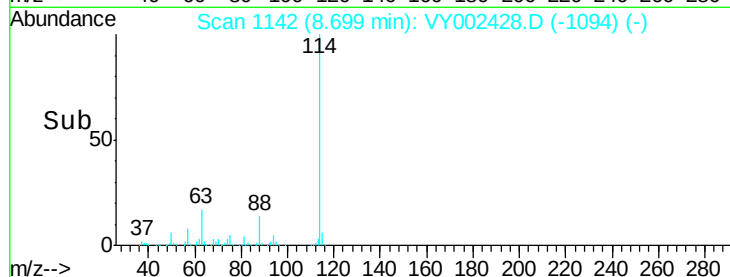
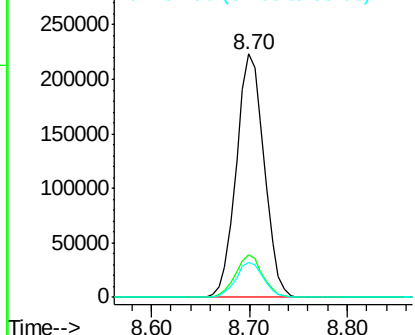
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002428.D
 Acq: 21 Apr 2020 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBL01

Tot Ion:114 Resp: 440034
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 31.0
 88 14.3 0.0 28.2

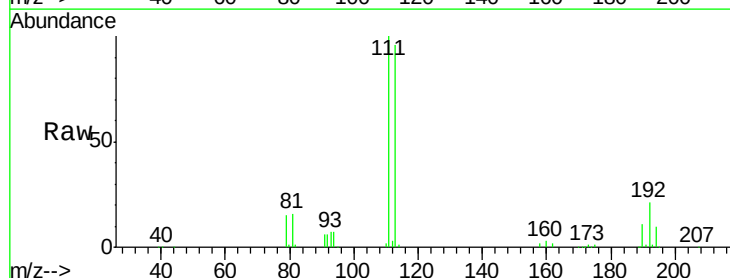


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

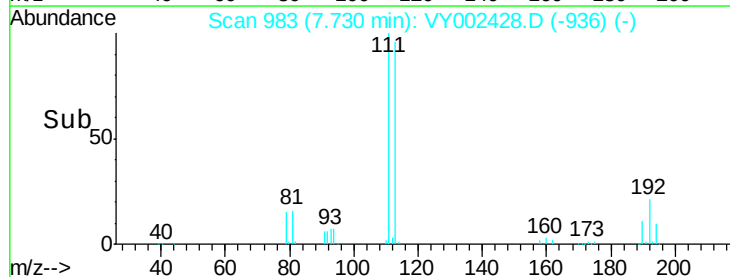
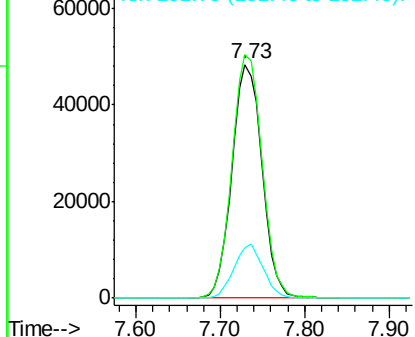


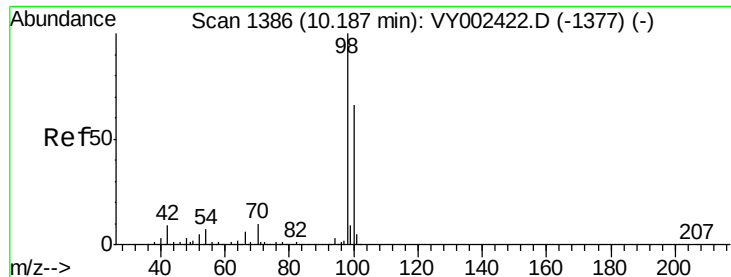
#35
 Dibromofluoromethane
 Concen: 50.300 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002428.D
 Acq: 21 Apr 2020 13:09

Tgt Ion:113 Resp: 116420
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.7 122.5
 192 22.3 17.8 26.6



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: 49.455 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002428.D

Acq: 21 Apr 2020 13:09

Instrument :

MSVOA_Y

ClientSampleId :

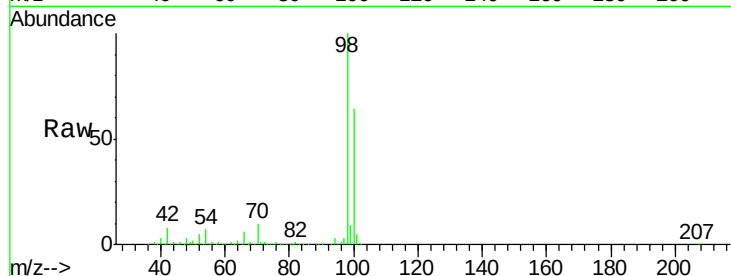
VY0421SBL01

Tot Ion: 98 Resp: 462958

Ion Ratio Lower Upper

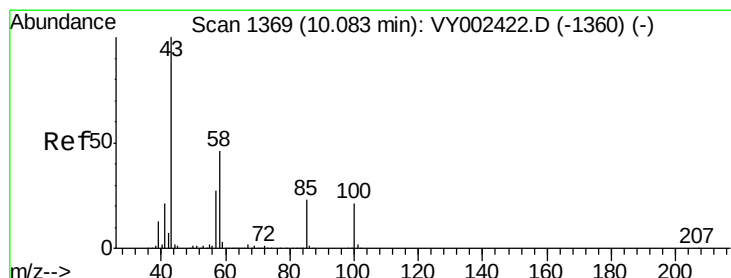
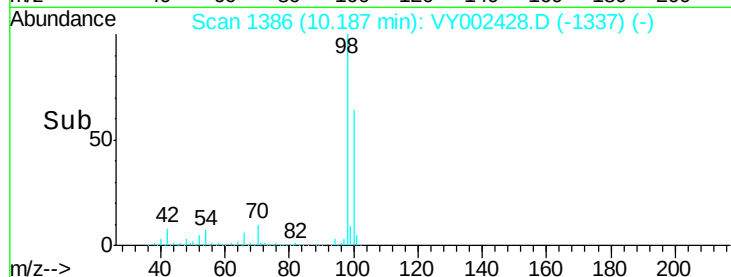
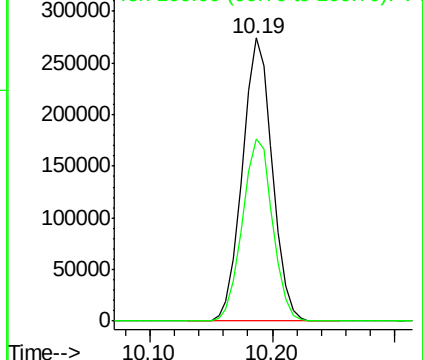
98 100

100 65.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#51

4-Methyl-2-Pentanone

Concen: 3.347 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY002428.D

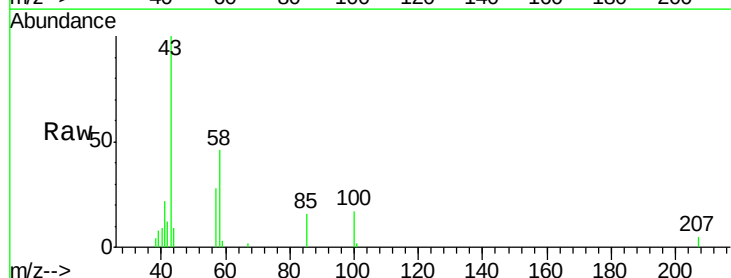
Acq: 21 Apr 2020 13:09

Tgt Ion: 43 Resp: 5398

Ion Ratio Lower Upper

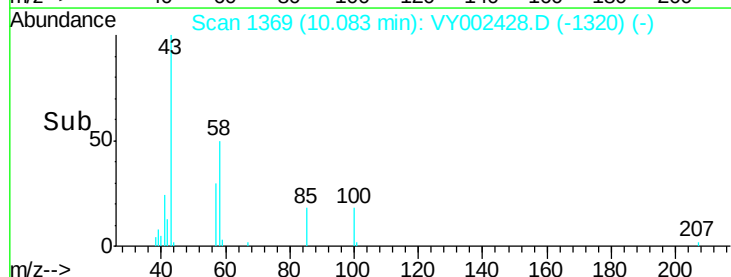
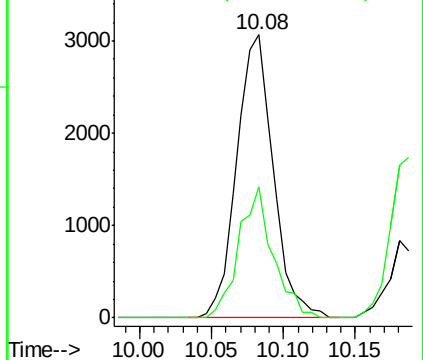
43 100

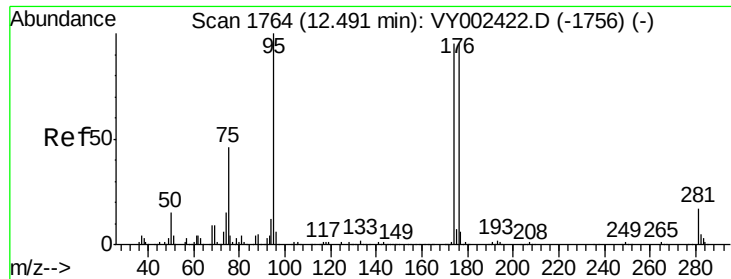
58 43.2 36.8 55.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

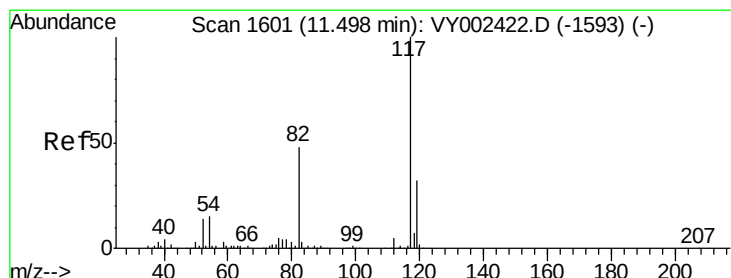
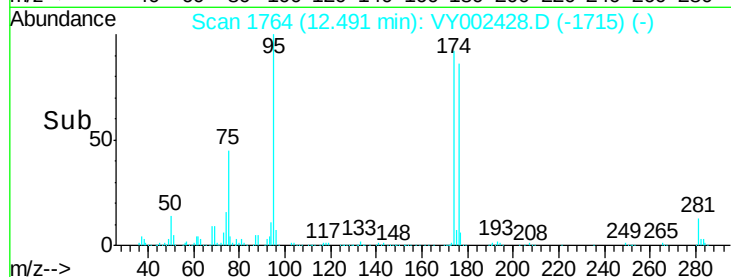
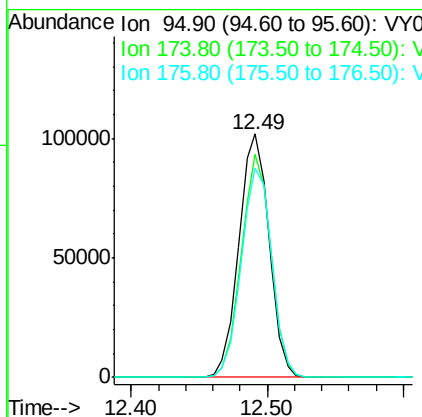
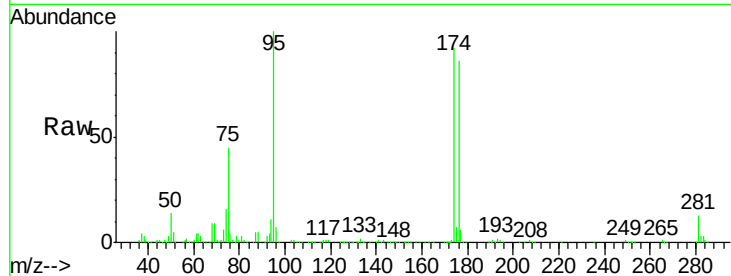




#62
4-Bromofluorobenzene
Concen: 51.064 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002428.D
Acq: 21 Apr 2020 13:09

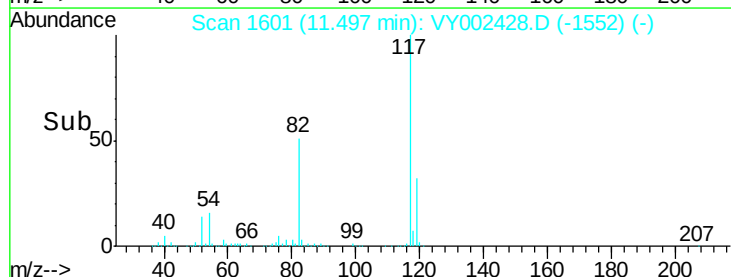
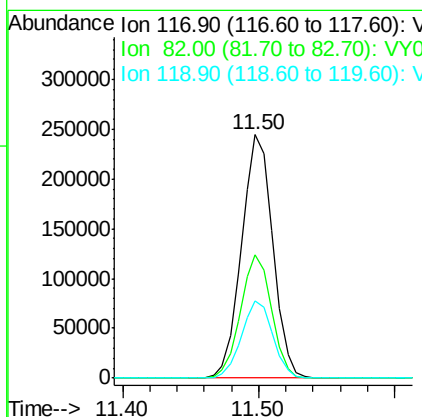
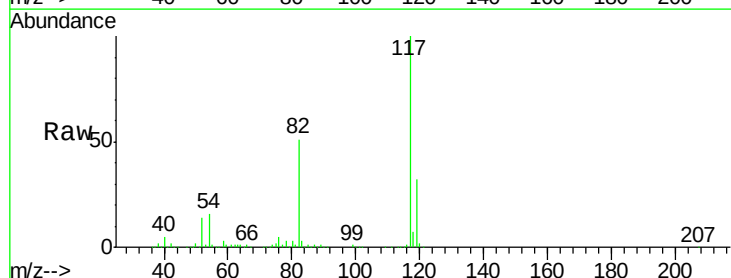
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

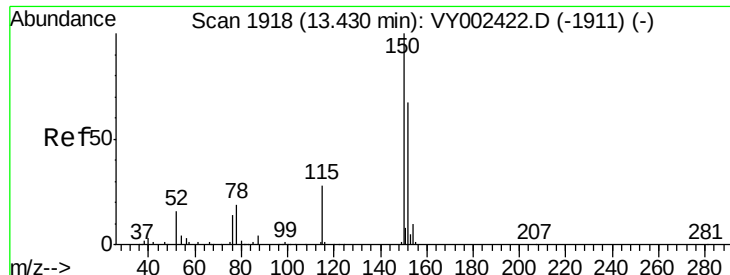
Tot Ion	95	Resp	157825
Ion Ratio	Lower	Upper	
95	100		
174	89.9	0.0	185.8
176	87.2	0.0	181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002428.D
Acq: 21 Apr 2020 13:09

Tgt Ion	117	Resp	392188
Ion Ratio	Lower	Upper	
117	100		
82	50.7	38.4	57.6
119	32.0	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002428.D

Acq: 21 Apr 2020 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBL01

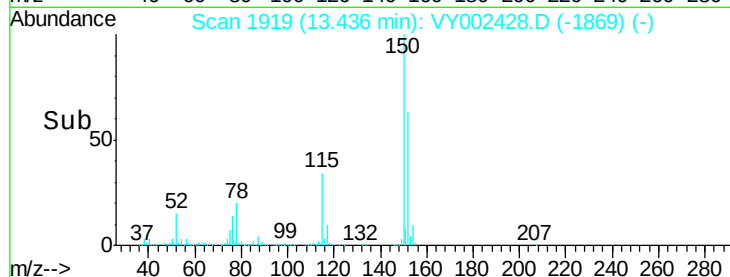
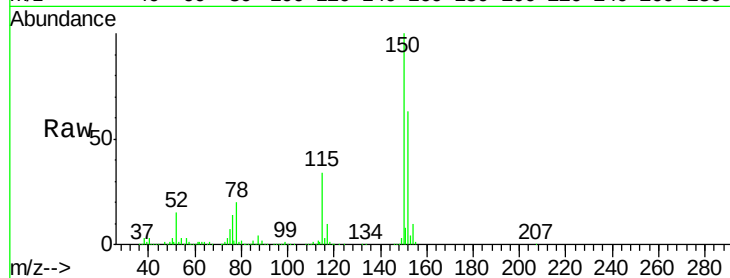
Tot Ion:152 Resp: 197436

Ion Ratio Lower Upper

152 100

115 54.5 27.3 81.8

150 158.1 0.0 344.0



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

