

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
 Data File : VX015846.D
 Acq On : 22 Apr 2020 17:01
 Operator : JC/SP
 Sample : L2363-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS037-200420

Quant Time: Apr 23 12:11:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

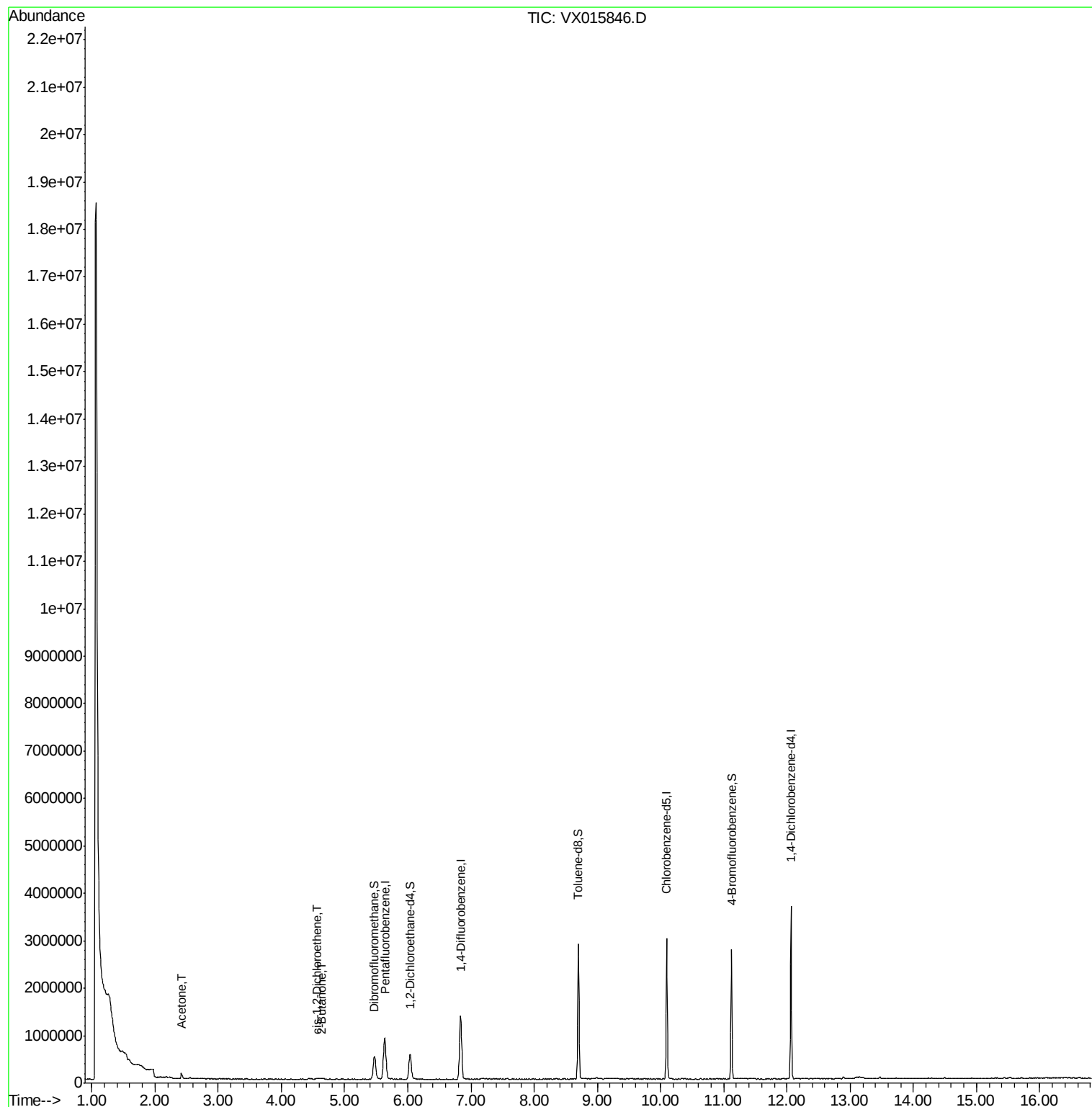
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	909416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1393346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1353056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	745692	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	506861	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	5.47	113	409098	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
50) Toluene-d8	8.70	98	1658074	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	11.12	95	701329	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
Target Compounds						
16) Acetone	2.42	43	124815	27.714	ug/l	99
25) 2-Butanone	4.65	43	20306	2.853	ug/l	94
27) cis-1,2-Dichloroethene	4.56	96	10413	1.038	ug/l	86

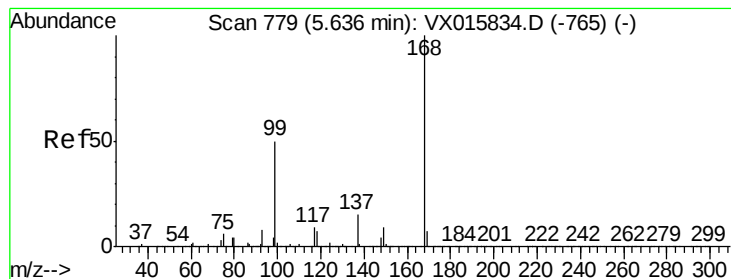
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015846.D

Acq: 22 Apr 2020 17:01

Instrument :

MSVOA_X

ClientSampleId :

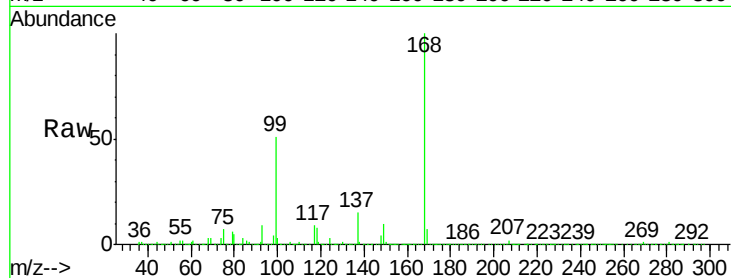
KY038PS037-200420

Tot Ion:168 Resp: 909416

Ion Ratio Lower Upper

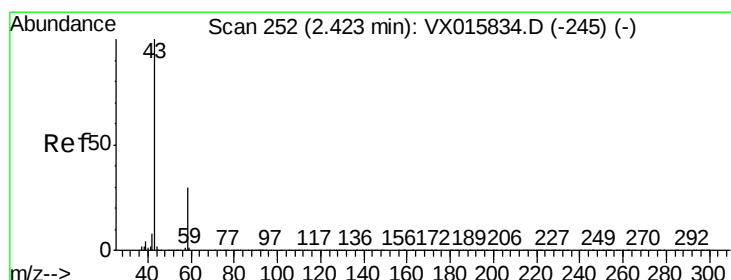
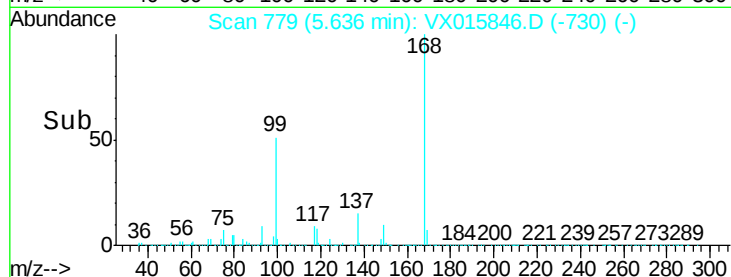
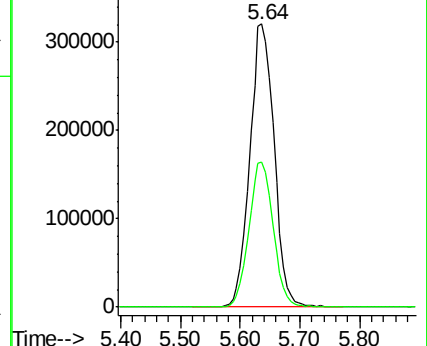
168 100

99 51.4 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 27.714 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015846.D

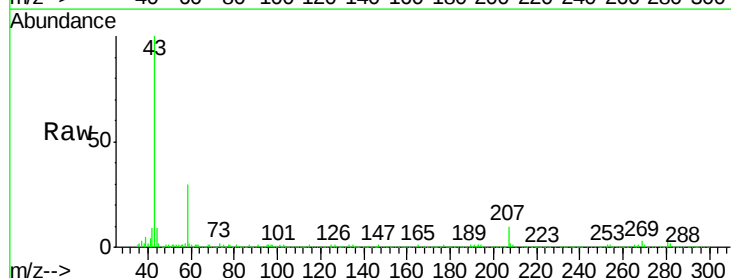
Acq: 22 Apr 2020 17:01

Tgt Ion: 43 Resp: 124815

Ion Ratio Lower Upper

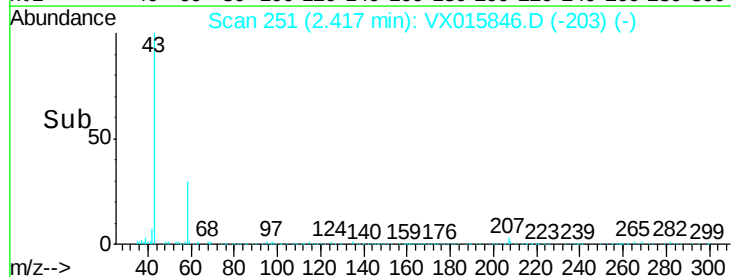
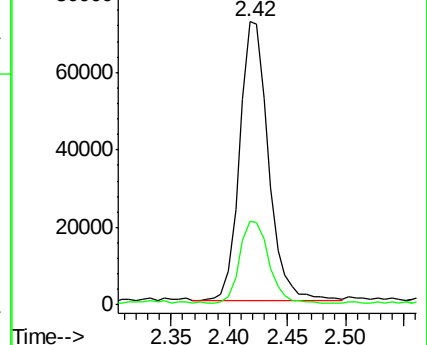
43 100

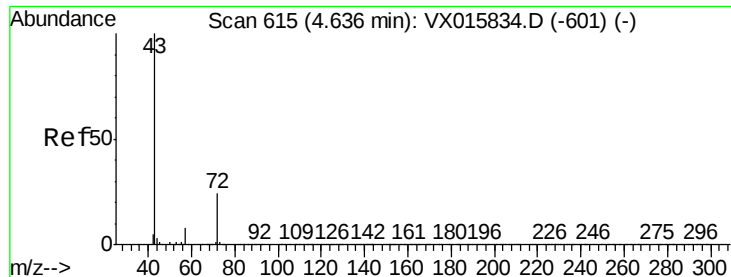
58 29.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

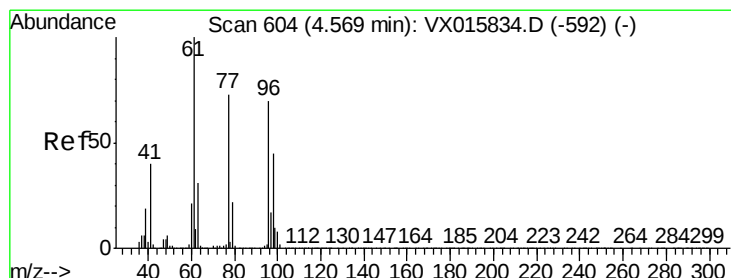
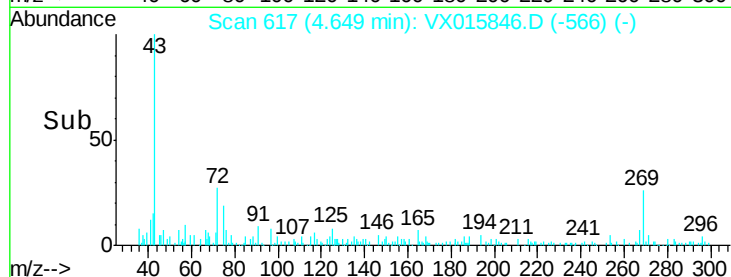
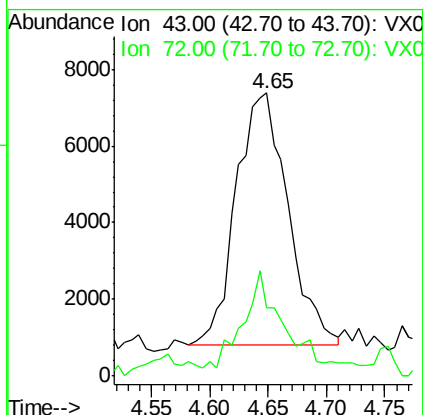
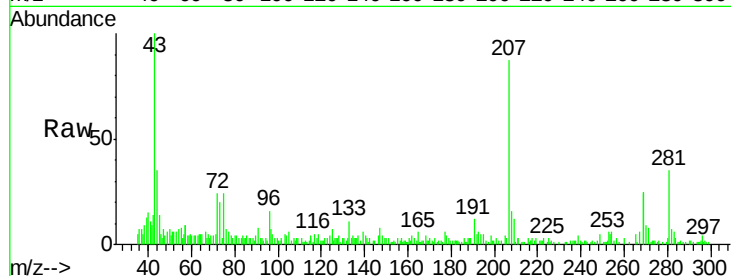




#25
2-Butanone
Concen: 2.853 ug/l
RT: 4.65 min Scan# 617
Delta R.T. 0.01 min
Lab File: VX015846.D
Acq: 22 Apr 2020 17:01

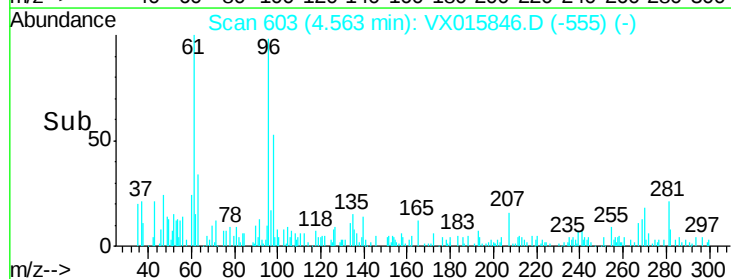
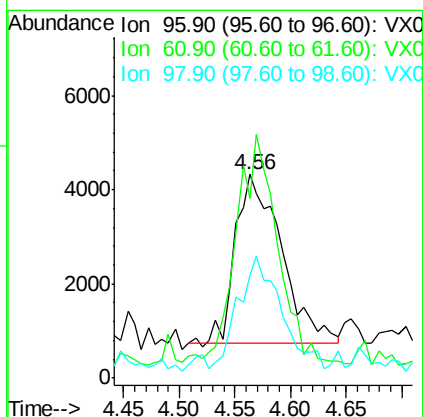
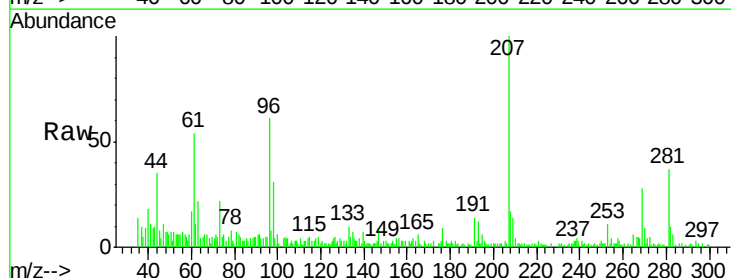
Instrument :
MSVOA_X
ClientSampleId :
KY038PS037-200420

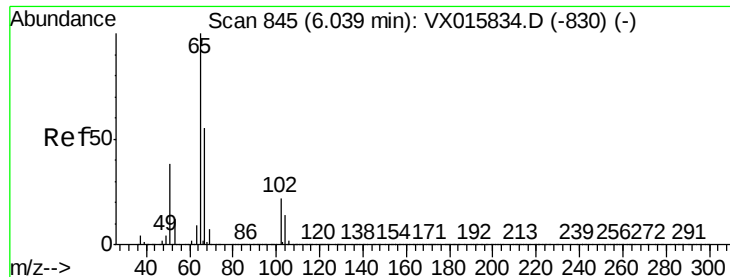
Tot Ion: 43 Resp: 20306
Ion Ratio Lower Upper
43 100
72 21.5 19.4 29.2



#27
cis-1,2-Dichloroethene
Concen: 1.038 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015846.D
Acq: 22 Apr 2020 17:01

Tgt Ion: 96 Resp: 10413
Ion Ratio Lower Upper
96 100
61 125.6 0.0 299.4
98 63.1 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 49.004 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015846.D

Acq: 22 Apr 2020 17:01

Instrument :

MSVOA_X

ClientSampleId :

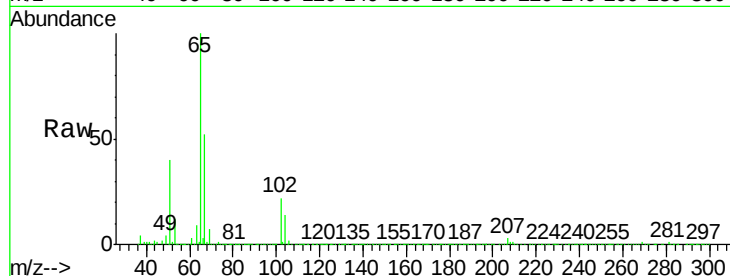
KY038PS037-200420

Tot Ion: 65 Resp: 506861

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

200000

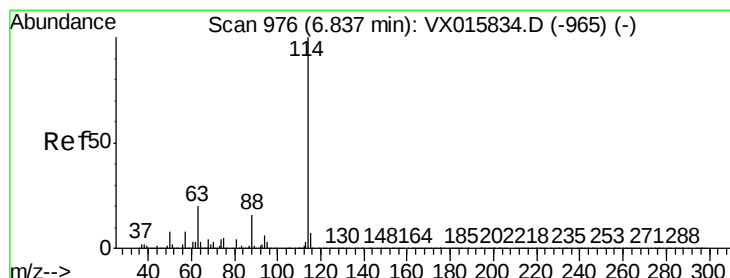
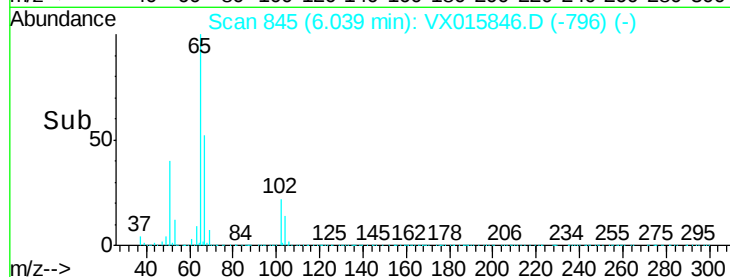
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015846.D

Acq: 22 Apr 2020 17:01

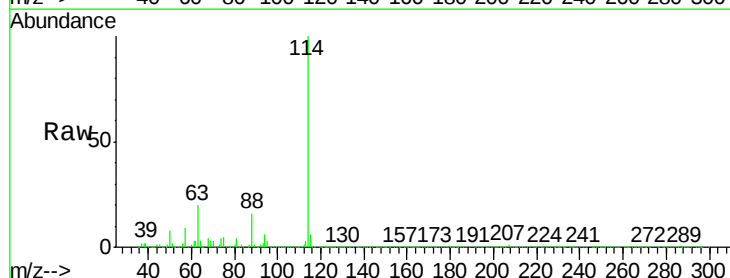
Tgt Ion: 114 Resp: 1393346

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

88 16.0 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

800000

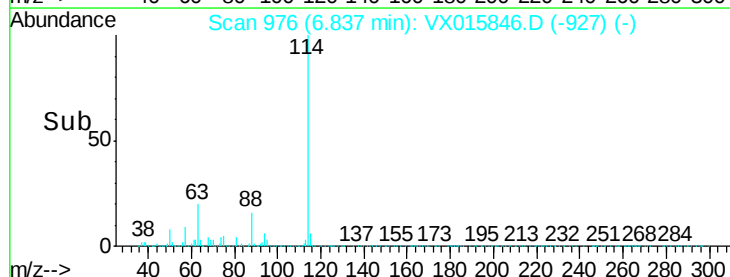
600000

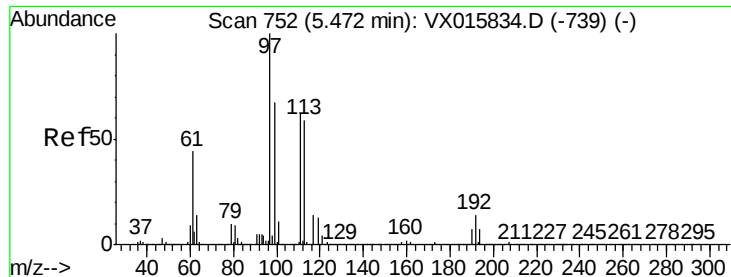
400000

200000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.866 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015846.D

Acq: 22 Apr 2020 17:01

Instrument :

MSVOA_X

ClientSampleId :

KY038PS037-200420

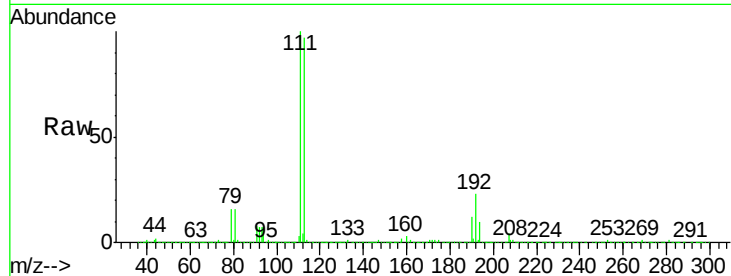
Tot Ion:113 Resp: 409098

Ion Ratio Lower Upper

113 100

111 101.6 82.7 124.1

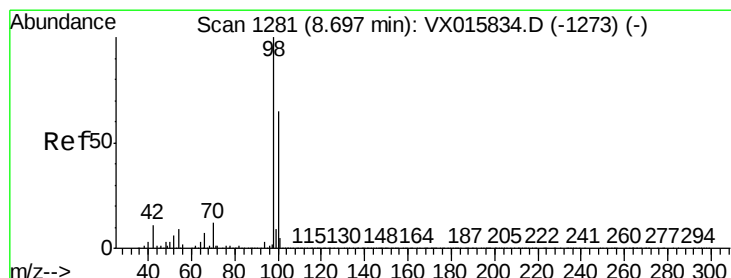
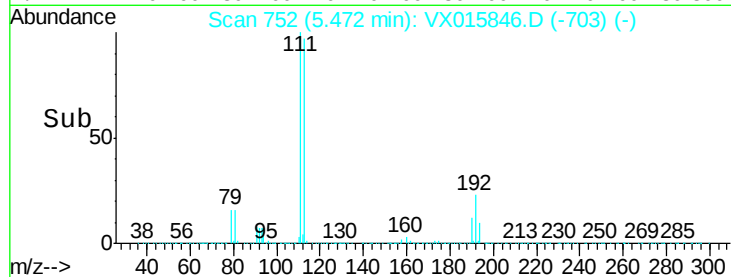
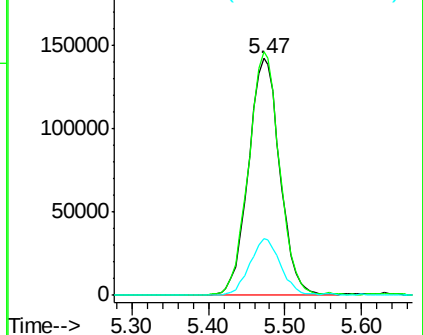
192 23.6 19.3 28.9



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: 51.211 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015846.D

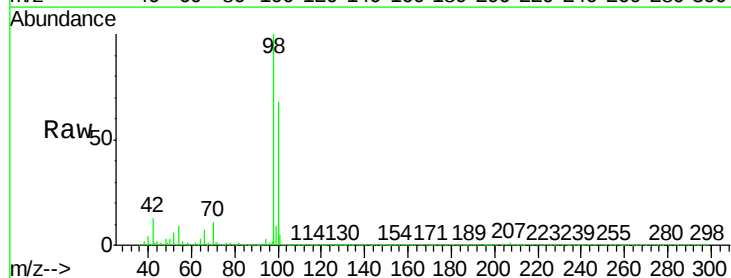
Acq: 22 Apr 2020 17:01

Tgt Ion: 98 Resp: 1658074

Ion Ratio Lower Upper

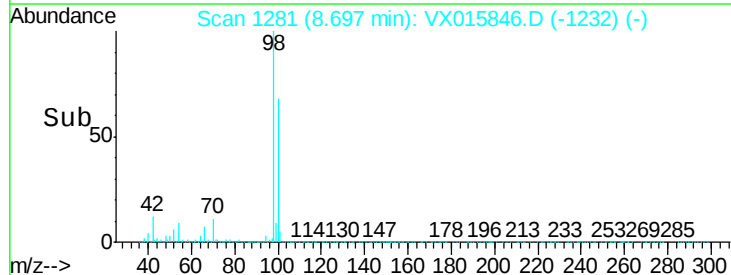
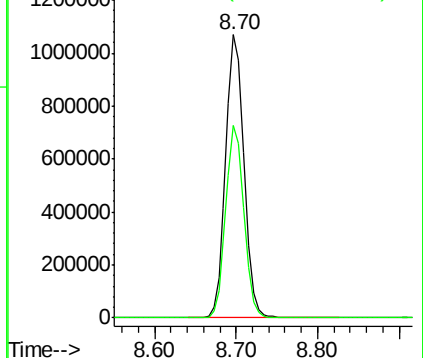
98 100

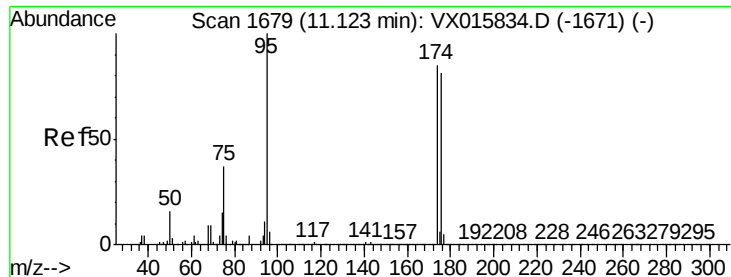
100 67.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

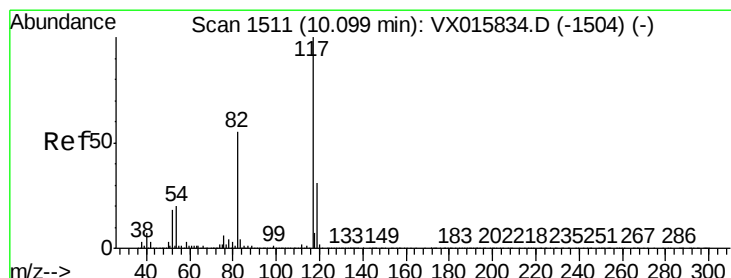
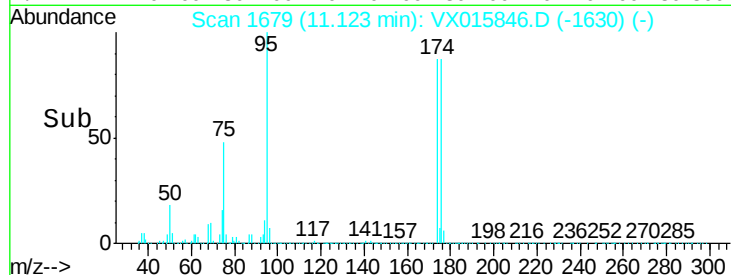
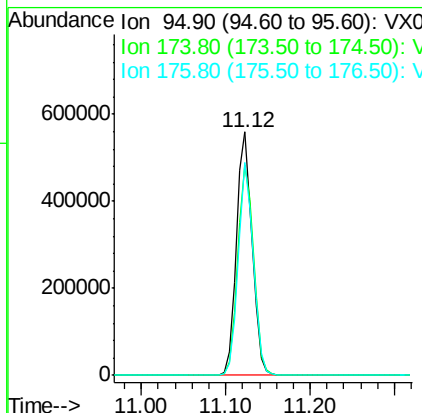
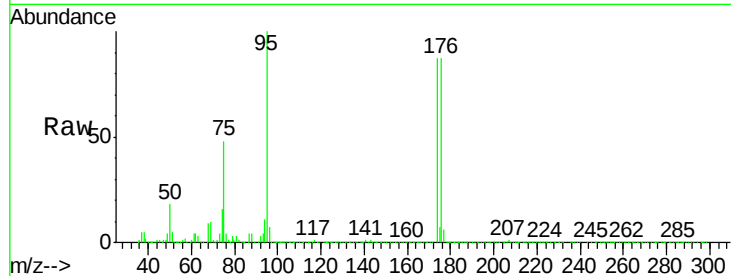




#62
4-Bromofluorobenzene
Concen: 52.803 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015846.D
Acq: 22 Apr 2020 17:01

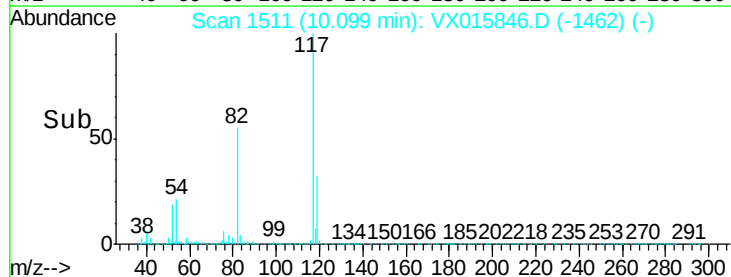
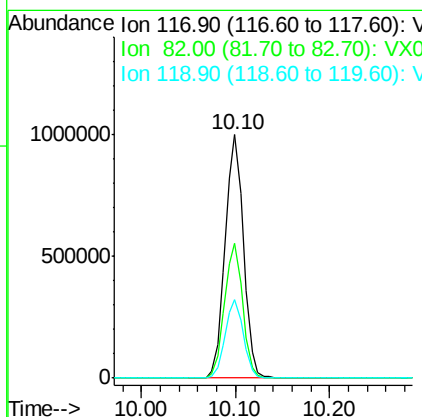
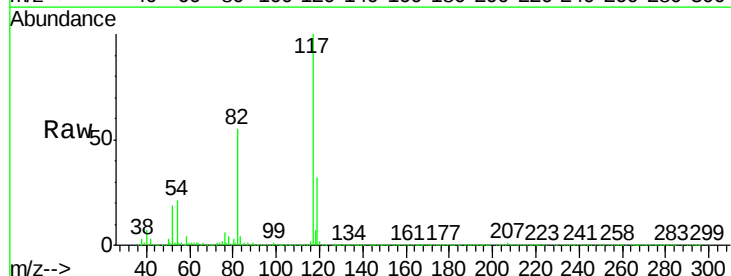
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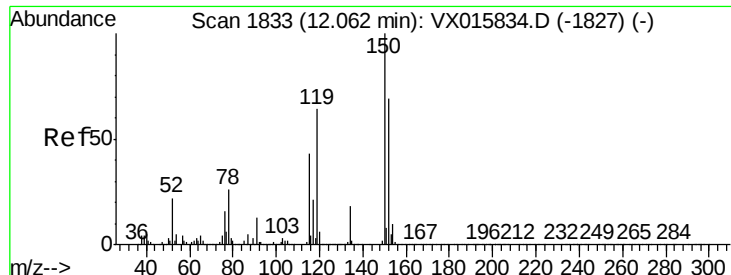
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	172.4
176	83.4	0.0	167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015846.D
Acq: 22 Apr 2020 17:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.9	65.9
119	32.2	25.1	37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015846.D

Acq: 22 Apr 2020 17:01

Instrument :

MSVOA_X

ClientSampleId :

KY038PS037-200420

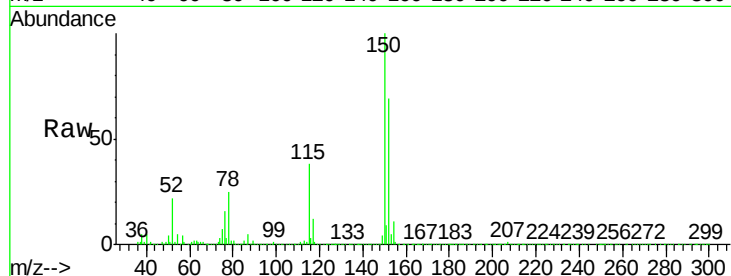
Tot Ion:152 Resp: 745692

Ion Ratio Lower Upper

152 100

115 56.6 39.0 116.9

150 156.8 0.0 336.8



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

