

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003275.D
 Acq On : 10 Jul 2018 05:24
 Operator : JC/MD
 Sample : J3891-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 72-12002-RBR-RBR-VNJ-230

Quant Time: Jul 10 05:47:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200557	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	165259	41.13	ug/l	0.00
Spiked Amount			Recovery	=	82.26%	
35) Dibromofluoromethane	5.51	113	139549	36.64	ug/l	0.00
Spiked Amount			Recovery	=	73.28%	
50) Toluene-d8	8.72	98	502010	37.11	ug/l	0.00
Spiked Amount			Recovery	=	74.22%	
62) 4-Bromofluorobenzene	11.14	95	175005	35.01	ug/l	0.00
Spiked Amount			Recovery	=	70.02%	

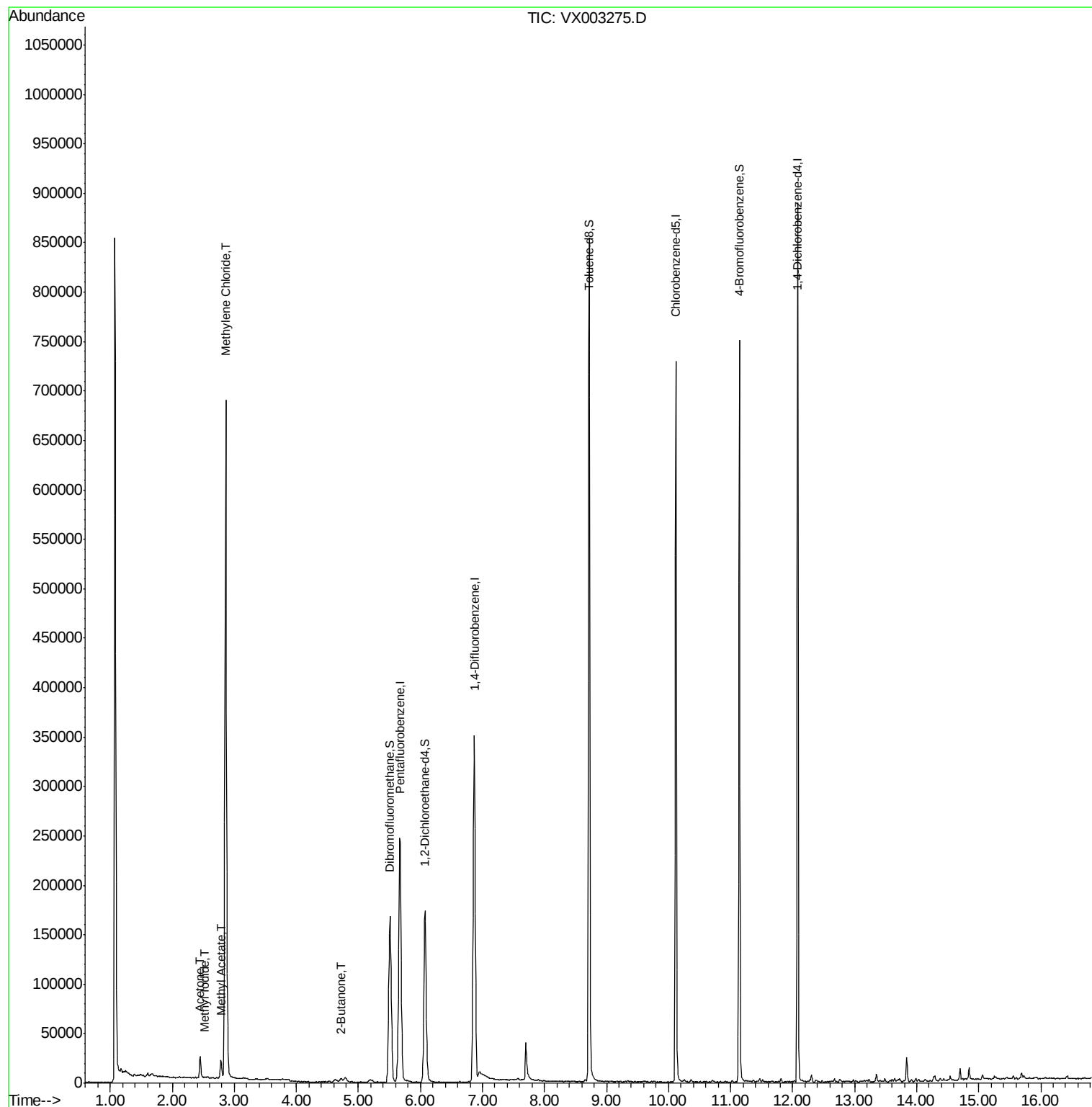
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1423	6.01	ug/l	93
16) Acetone	2.45	43	25790	18.08	ug/l	97
18) Methyl Acetate	2.78	43	21174	5.26	ug/l	93
20) Methylene Chloride	2.86	84	324453	111.86	ug/l	91
25) 2-Butanone	4.72	43	5821	2.31	ug/l	93

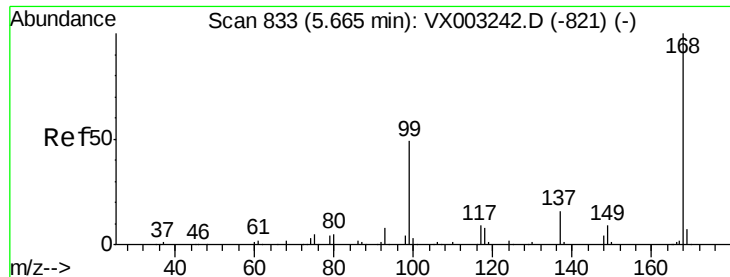
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070918\
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
72-12002-RBR-RBR-VNJ-230

Quant Time: Jul 10 05:47:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003275.D

Acq: 10 Jul 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

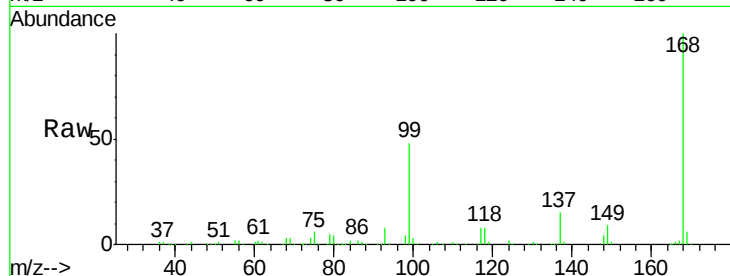
72-12002-RBR-RBR-VNJ-230

Tot Ion:168 Resp: 255323

Ion Ratio Lower Upper

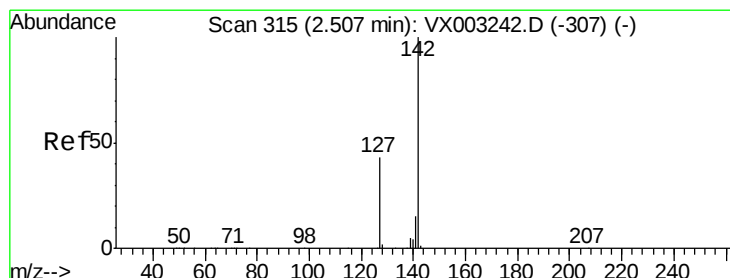
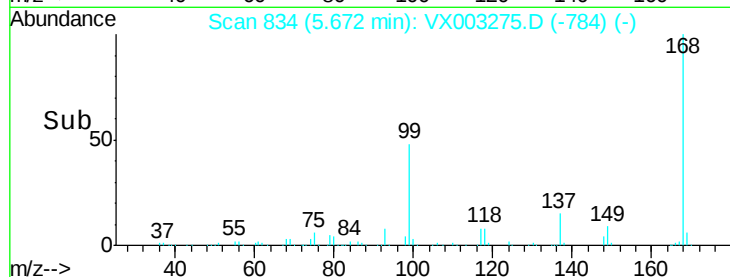
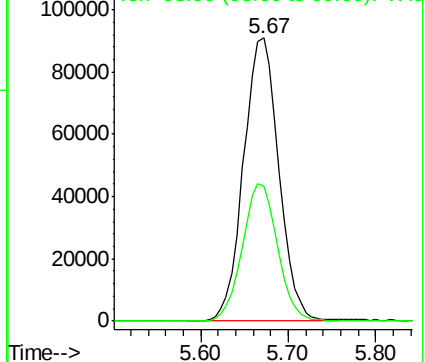
168 100

99 47.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 6.01 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003275.D

Acq: 10 Jul 2018 05:24

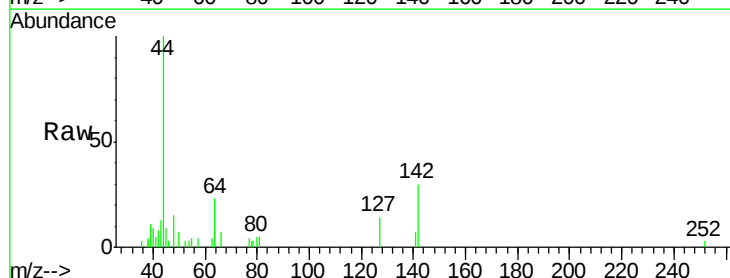
Tgt Ion:142 Resp: 1423

Ion Ratio Lower Upper

142 100

127 40.4 36.6 55.0

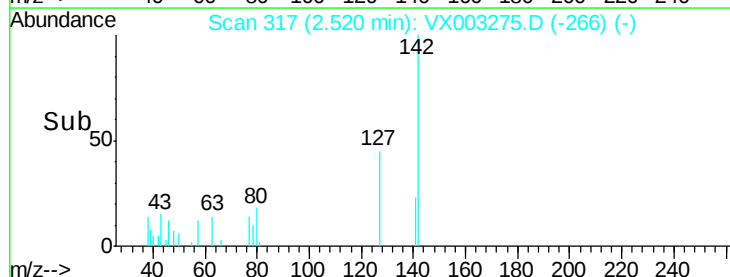
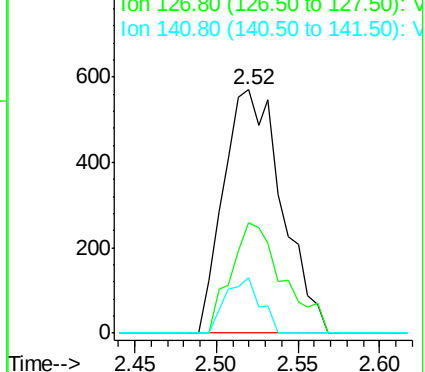
141 13.5 11.3 16.9

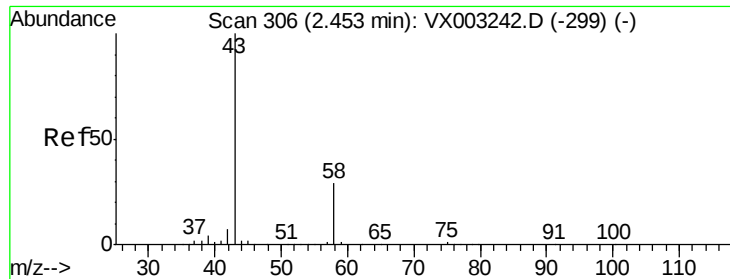


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 18.08 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003275.D

Acq: 10 Jul 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

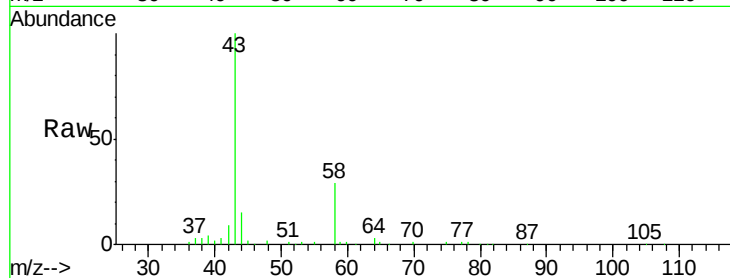
72-12002-RBR-RBR-VNJ-230

Tot Ion: 43 Resp: 25790

Ion Ratio Lower Upper

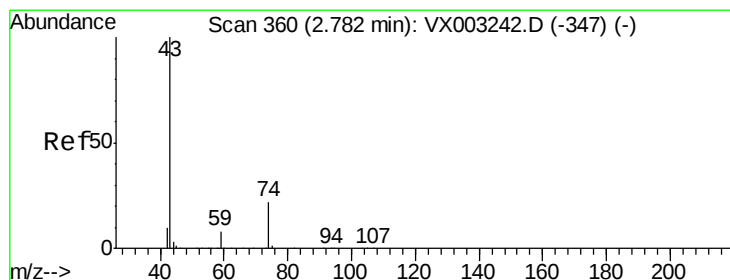
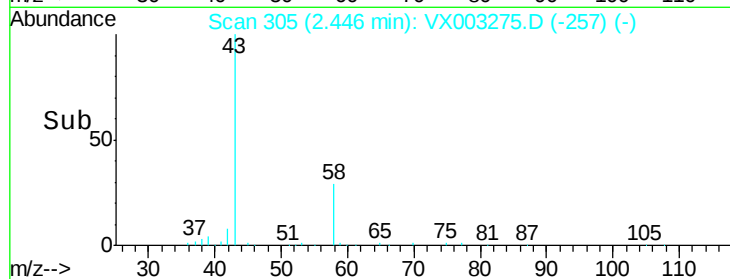
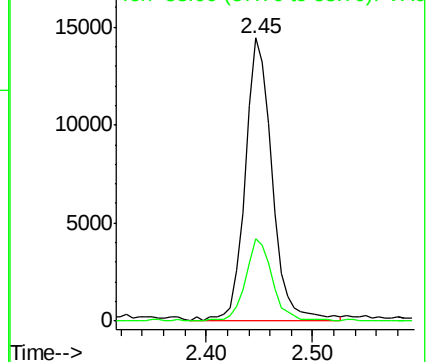
43 100

58 29.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 5.26 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003275.D

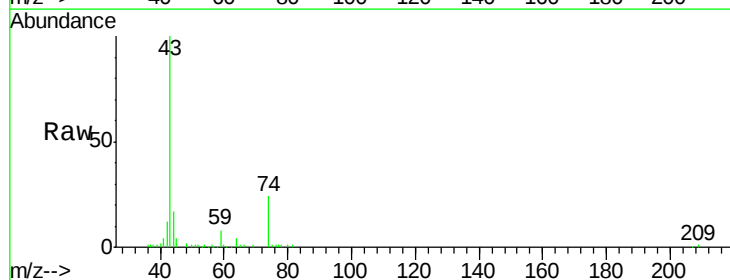
Acq: 10 Jul 2018 05:24

Tgt Ion: 43 Resp: 21174

Ion Ratio Lower Upper

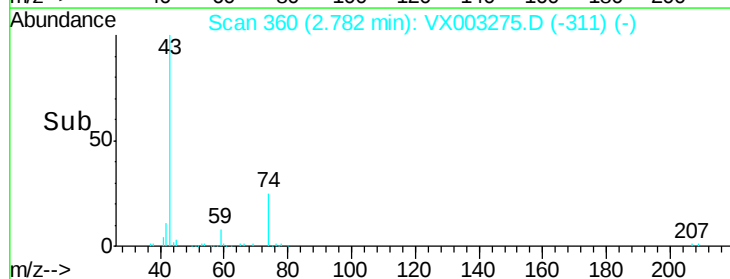
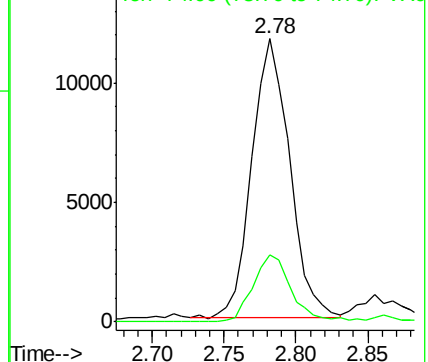
43 100

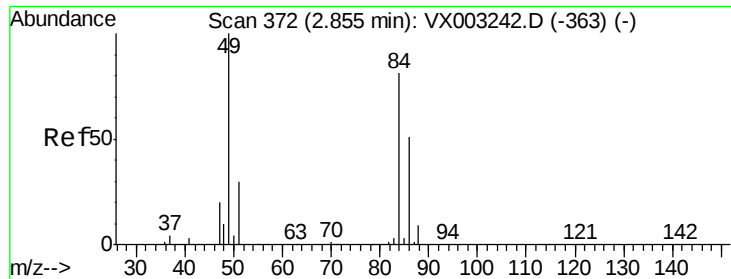
74 24.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

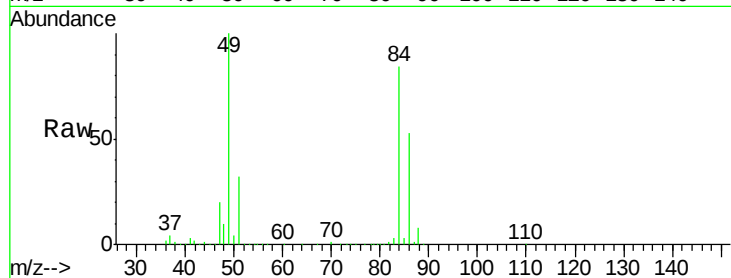




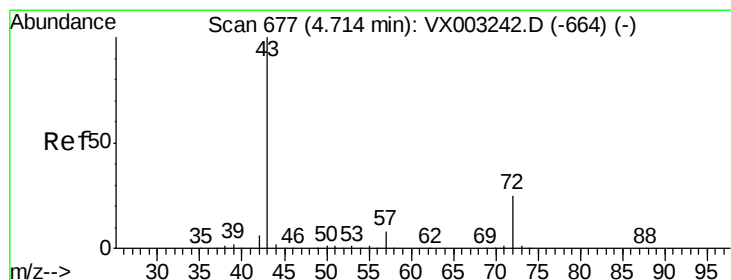
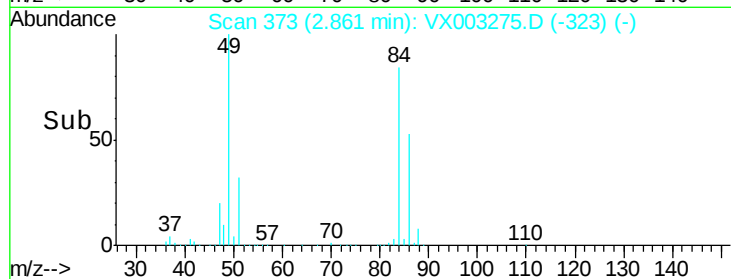
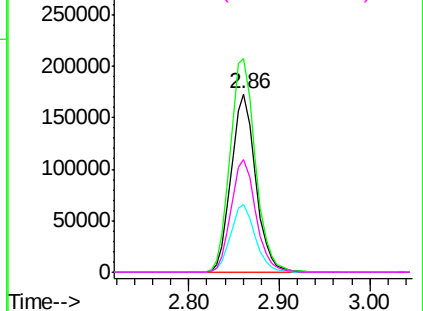
#20
Methylene Chloride
Concen: 111.86 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003275.D
Acq: 10 Jul 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
72-12002-RBR-RBR-VNJ-230

Tot Ion: 84 Resp: 324453
Ion Ratio Lower Upper
84 100
49 119.7 107.8 161.6
51 37.7 32.8 49.2
86 62.9 52.5 78.7

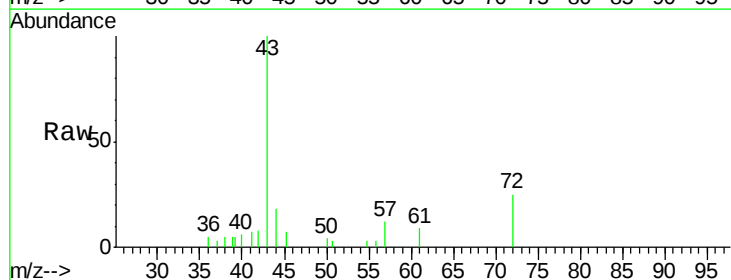


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

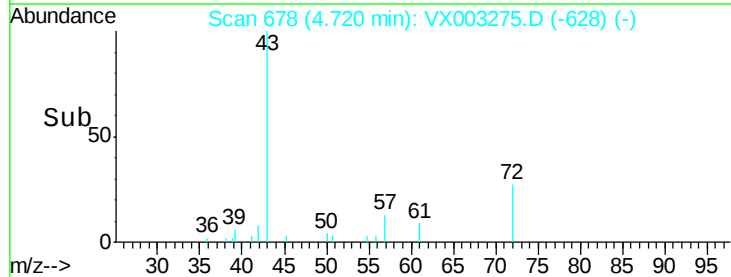
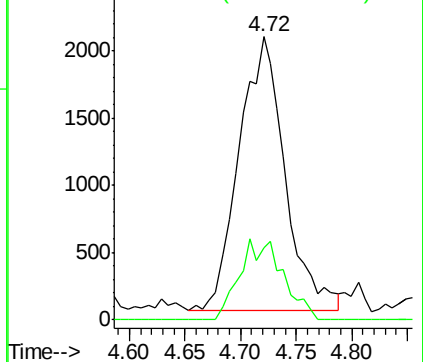


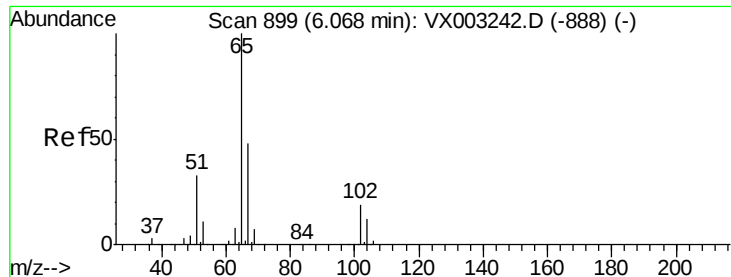
#25
2-Butanone
Concen: 2.31 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003275.D
Acq: 10 Jul 2018 05:24

Tgt Ion: 43 Resp: 5821
Ion Ratio Lower Upper
43 100
72 26.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 41.13 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003275.D

Acq: 10 Jul 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

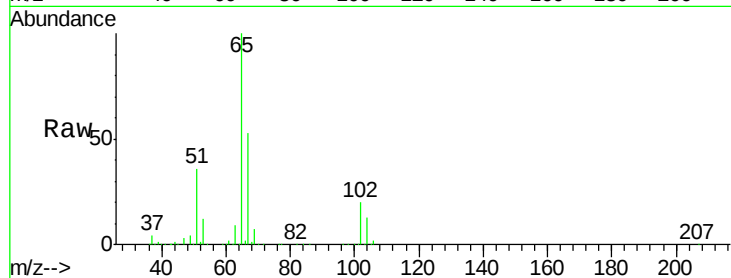
72-12002-RBR-RBR-VNJ-230

Tot Ion: 65 Resp: 165259

Ion Ratio Lower Upper

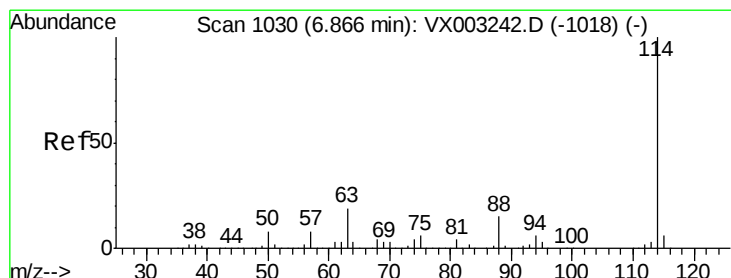
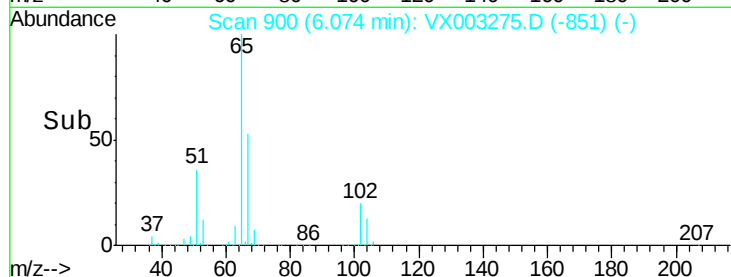
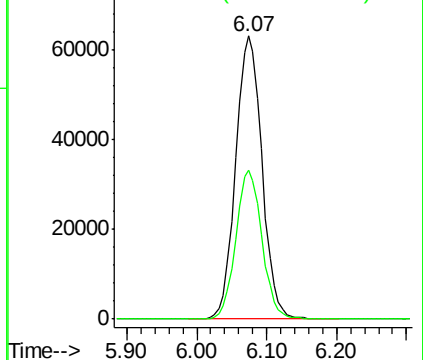
65 100

67 52.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003275.D

Acq: 10 Jul 2018 05:24

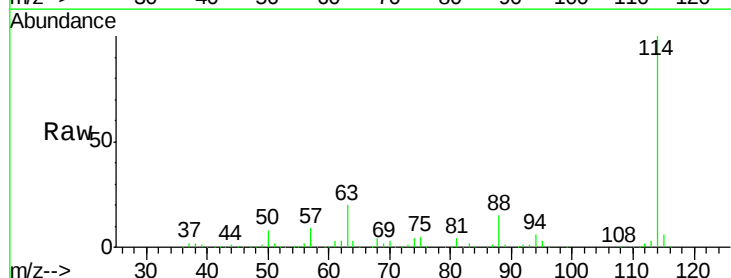
Tgt Ion: 114 Resp: 354539

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

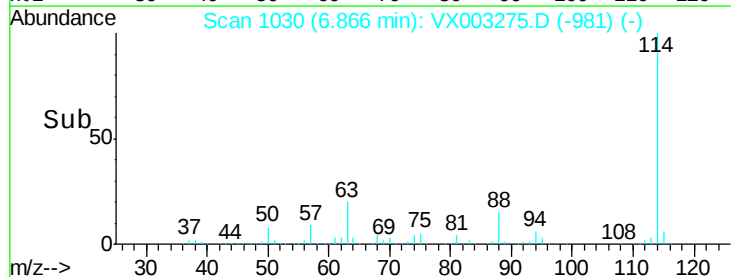
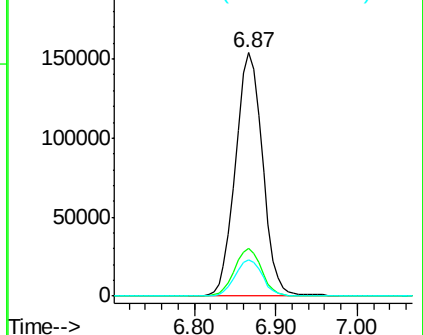
88 15.1 0.0 30.0

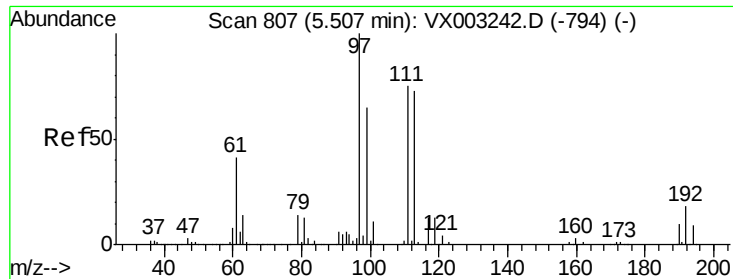


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 36.64 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003275.D

Acq: 10 Jul 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

72-12002-RBR-RBR-VNJ-230

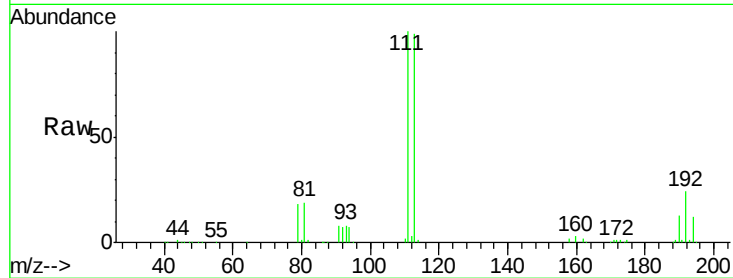
Tot Ion:113 Resp: 139549

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

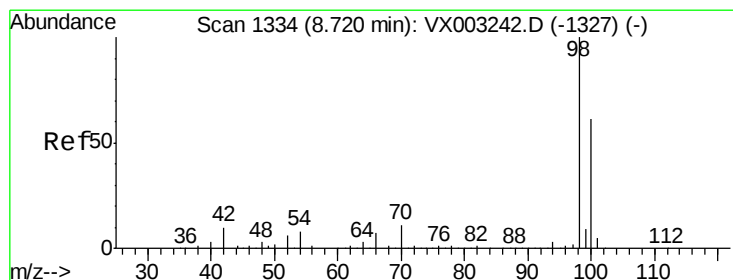
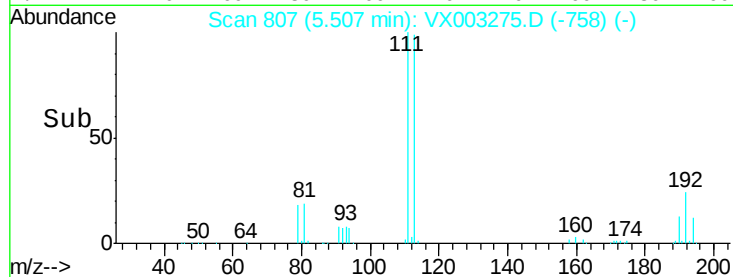
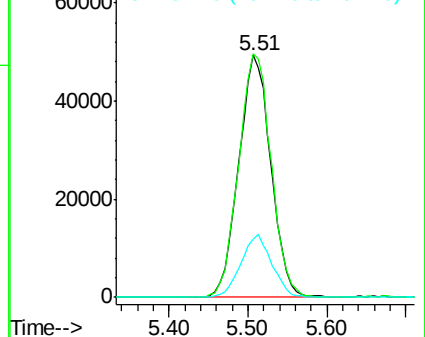
192 25.0 19.1 28.7



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: 37.11 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003275.D

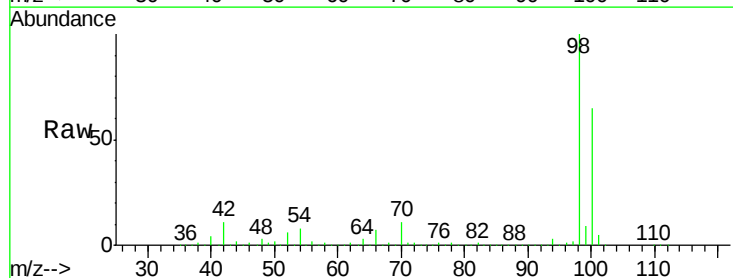
Acq: 10 Jul 2018 05:24

Tgt Ion: 98 Resp: 502010

Ion Ratio Lower Upper

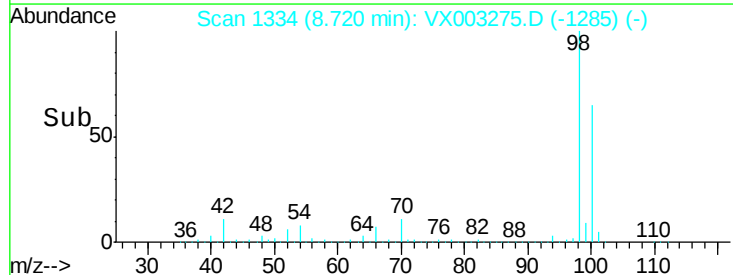
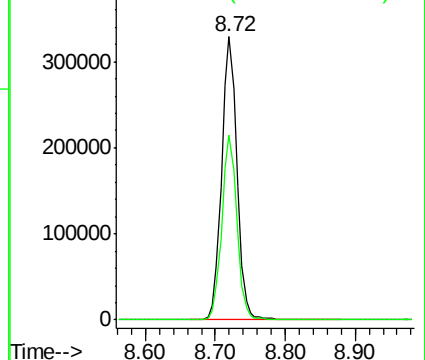
98 100

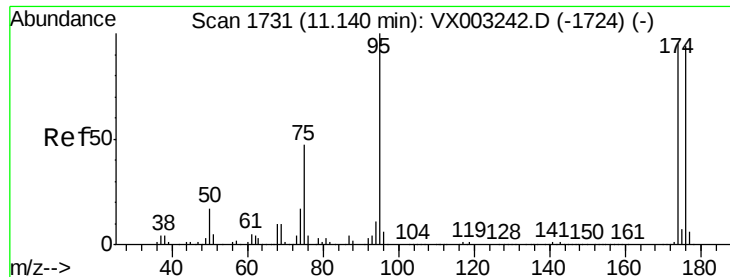
100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 35.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003275.D

Acq: 10 Jul 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

72-12002-RBR-RBR-VNJ-230

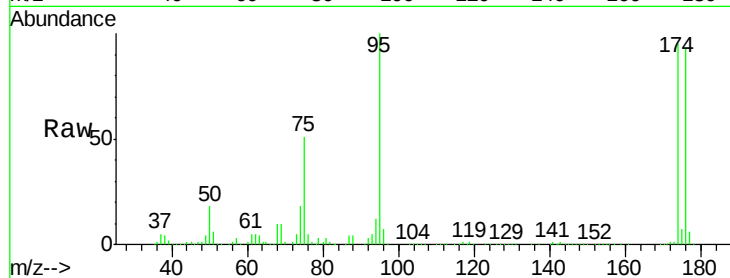
Tot Ion: 95 Resp: 175005

Ion Ratio Lower Upper

95 100

174 100.8 0.0 187.4

176 97.6 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003275.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003275.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003275.D (-1682) (-)

11.14

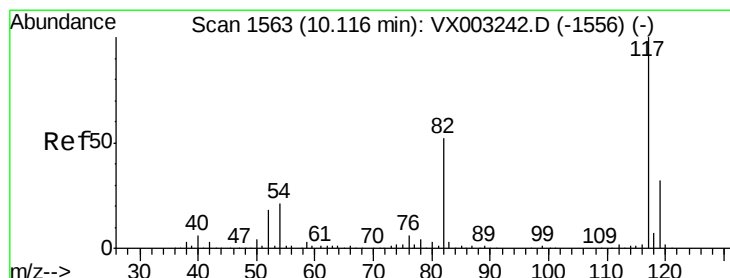
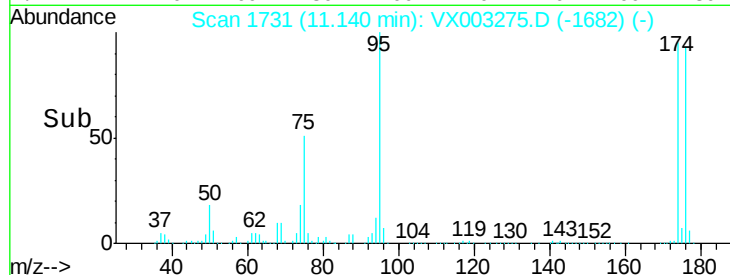
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003275.D

Acq: 10 Jul 2018 05:24

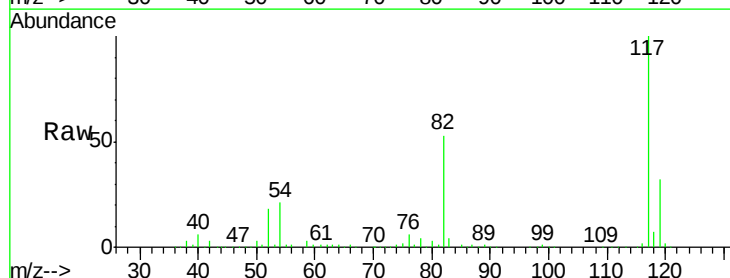
Tgt Ion: 117 Resp: 335170

Ion Ratio Lower Upper

117 100

82 52.6 45.0 67.4

119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX003275.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003275.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003275.D (-1514) (-)

10.12

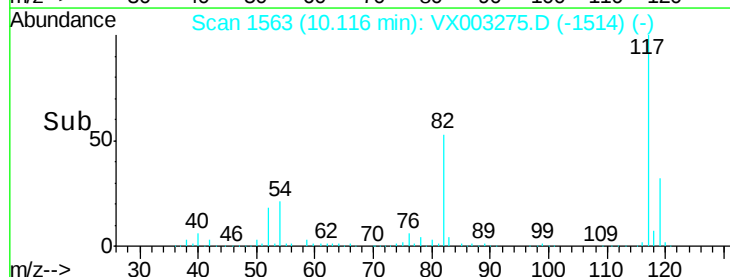
300000

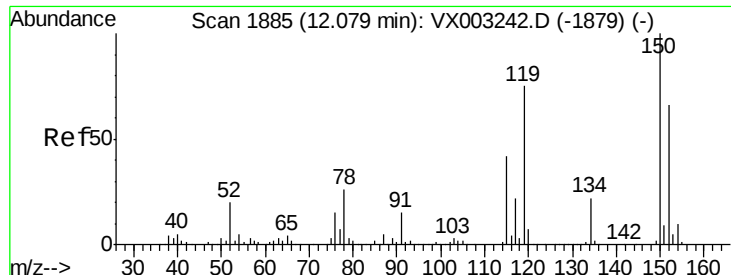
200000

100000

0

Time-->

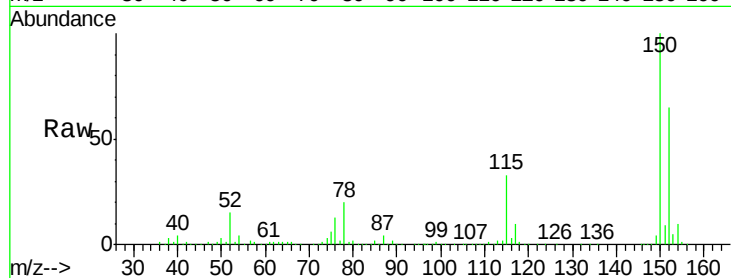




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.01 min
 Lab File: VX003275.D
 Acq: 10 Jul 2018 05:24

Instrument :
 MSVOA_X
 ClientSampleId :
 72-12002-RBR-RBR-VNJ-230

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.8	40.1	120.2
150	155.6	0.0	347.2



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

