

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001435.D
 Acq On : 05 May 2018 22:49
 Operator : JC/MD
 Sample : J2735-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DISCHARGE-1

Quant Time: May 06 08:31:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

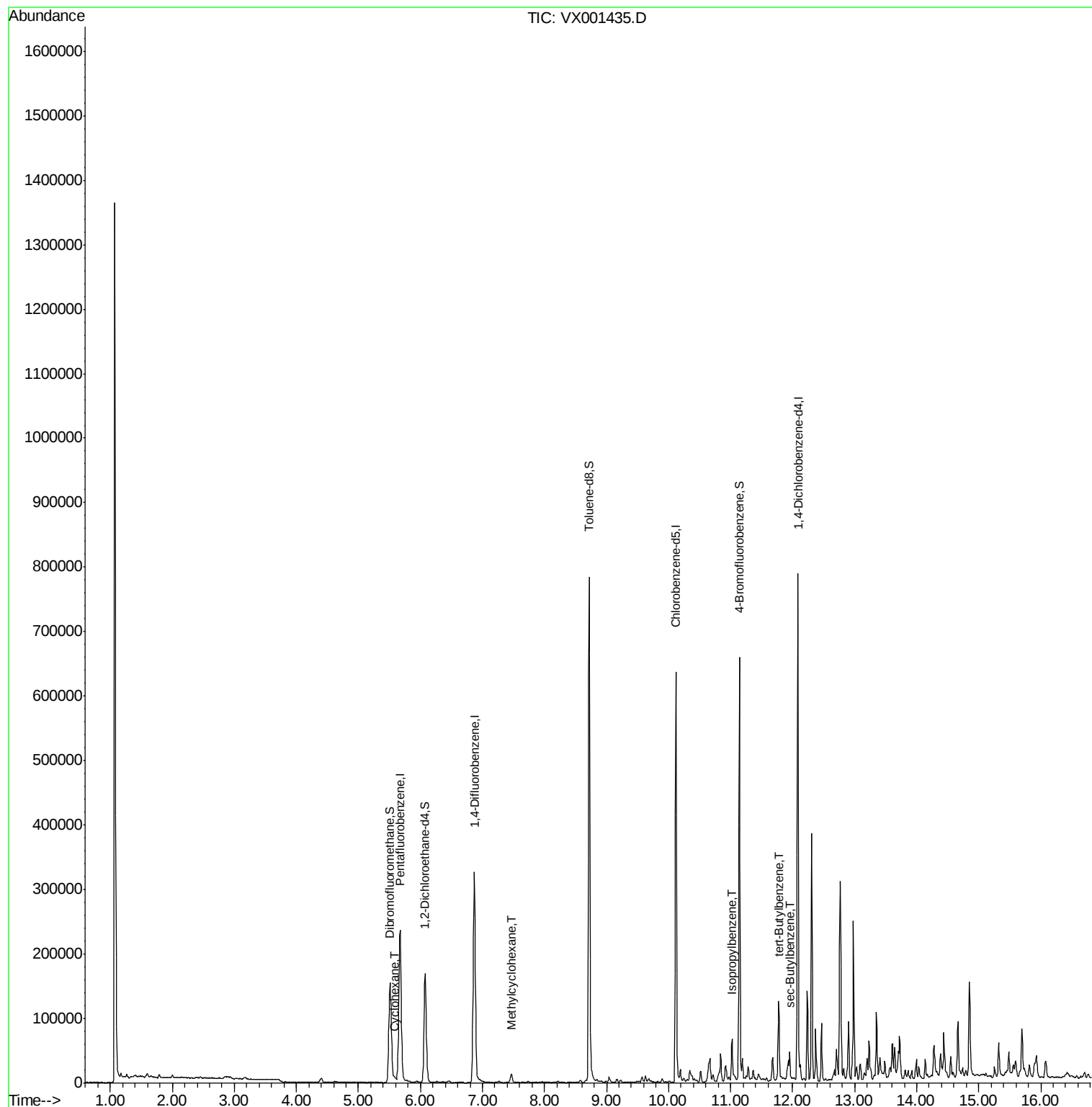
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338370	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	172174	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	162114	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	
35) Dibromofluoromethane	5.51	113	126978	42.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.38%	
50) Toluene-d8	8.72	98	467987	42.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.20%	
62) 4-Bromofluorobenzene	11.14	95	160600	38.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.16%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.58	56	5071	1.084	ug/l #	95
39) Methylcyclohexane	7.46	83	5227	1.027	ug/l	99
73) Isopropylbenzene	11.02	105	33403	2.802	ug/l	100
83) tert-Butylbenzene	11.77	119	45056	4.563	ug/l	91
85) sec-Butylbenzene	11.95	105	18877	1.593	ug/l	95

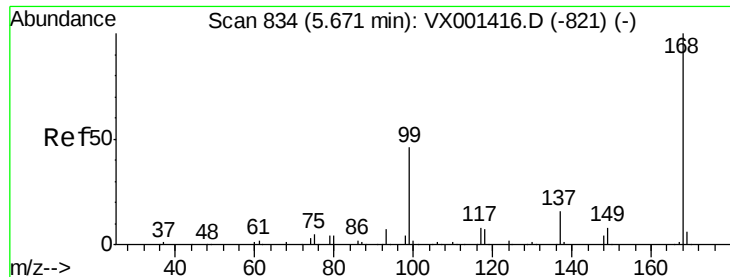
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001435.D

Acq: 05 May 2018 22:49

Instrument :

MSVOA_X

ClientSampleId :

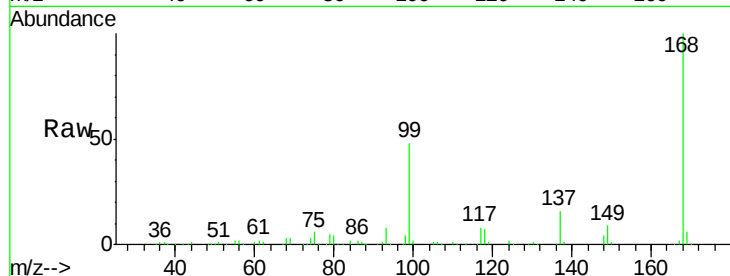
DISCHARGE-1

Tot Ion:168 Resp: 252923

Ion Ratio Lower Upper

168 100

99 48.1 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

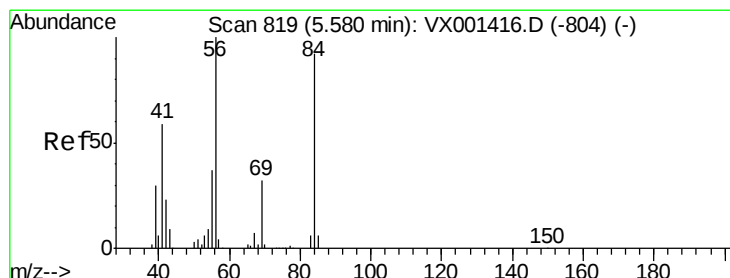
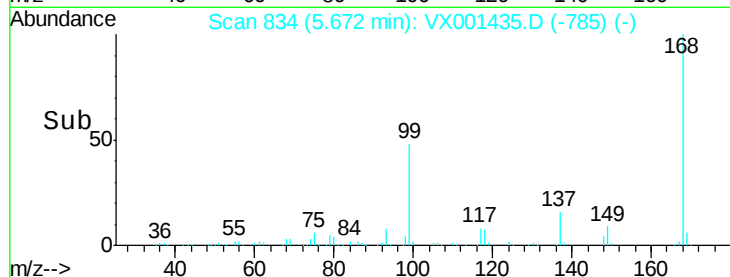
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#31

Cyclohexane

Concen: 1.084 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001435.D

Acq: 05 May 2018 22:49

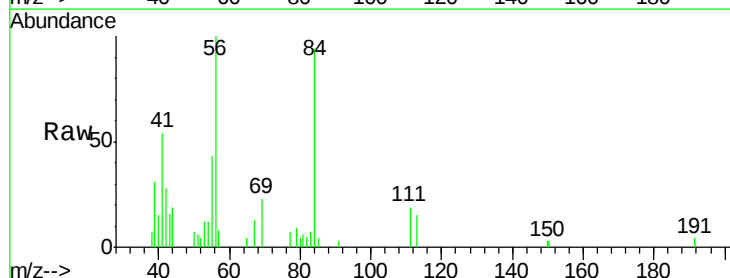
Tgt Ion: 56 Resp: 5071

Ion Ratio Lower Upper

56 100

69 23.2 25.4 38.0#

84 93.8 73.8 110.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

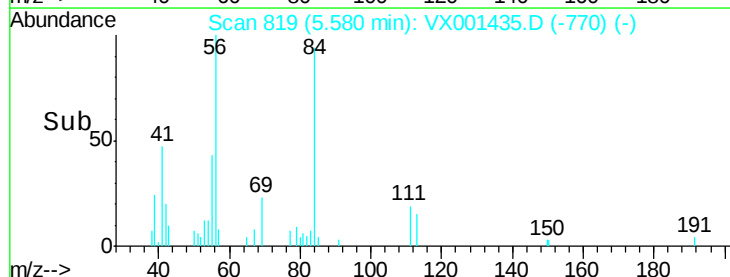
3000

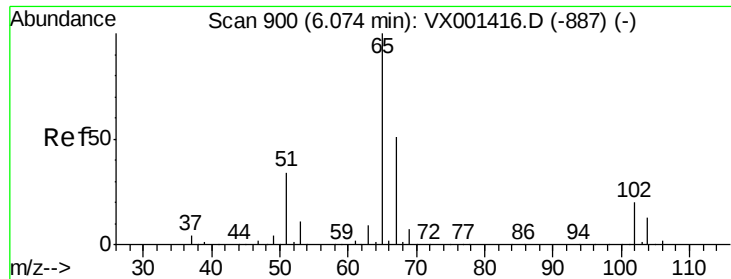
2000

1000

0

Time--> 5.50 5.55 5.60 5.65





#33

1,2-Dichloroethane-d4

Concen: 44.594 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001435.D

Acq: 05 May 2018 22:49

Instrument :

MSVOA_X

ClientSampleId :

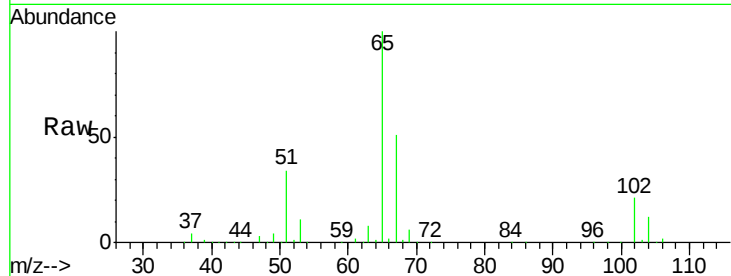
DISCHARGE-1

Tot Ion: 65 Resp: 162114

Ion Ratio Lower Upper

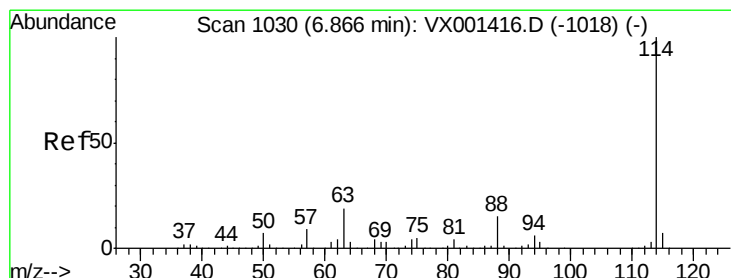
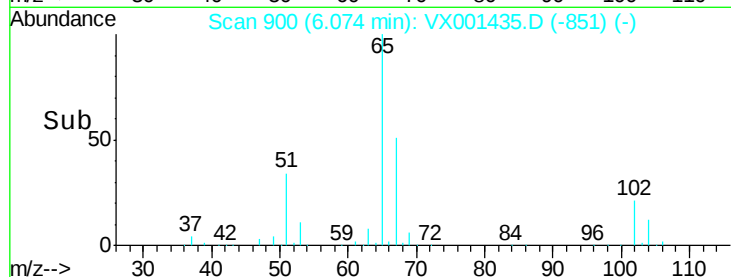
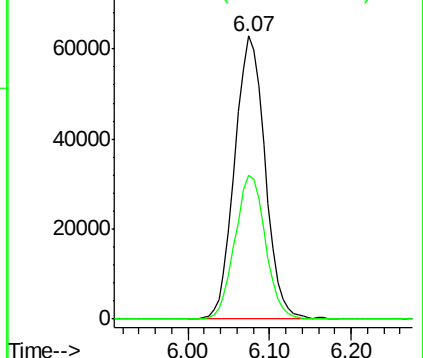
65 100

67 50.9 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001435.D

Acq: 05 May 2018 22:49

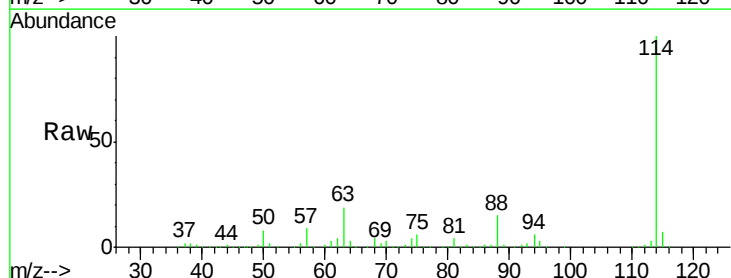
Tgt Ion: 114 Resp: 338370

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

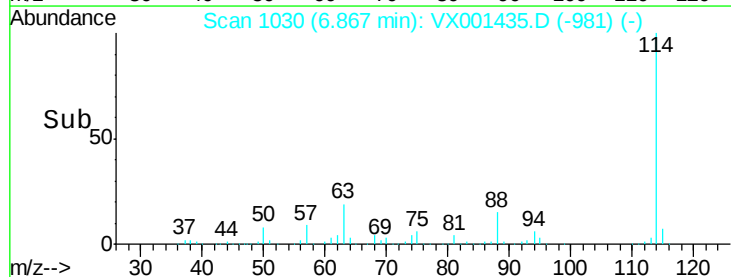
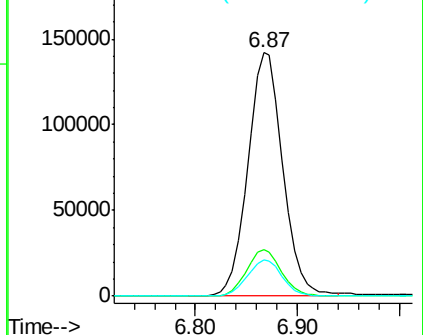
88 14.9 0.0 30.8

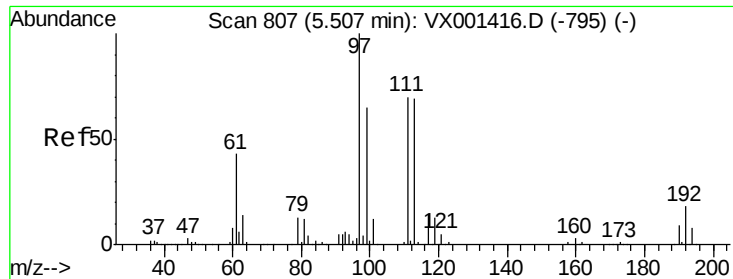


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 42.189 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001435.D

Acq: 05 May 2018 22:49

Instrument :

MSVOA_X

ClientSampleId :

DISCHARGE-1

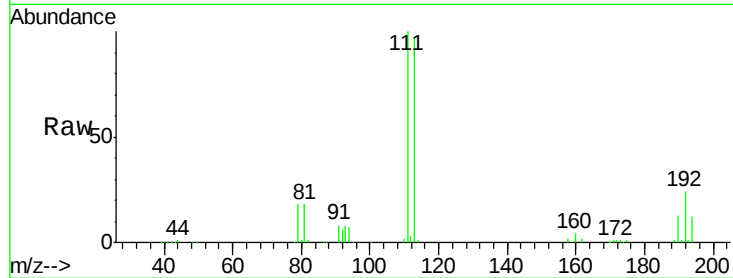
Tot Ion:113 Resp: 126978

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

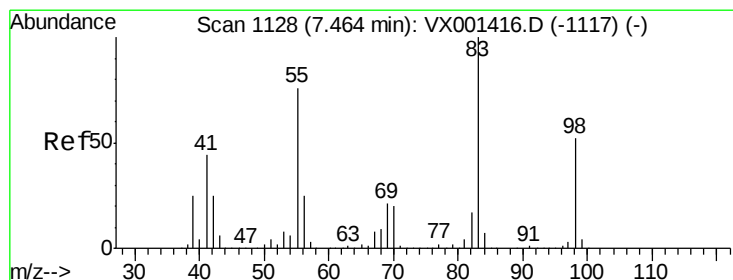
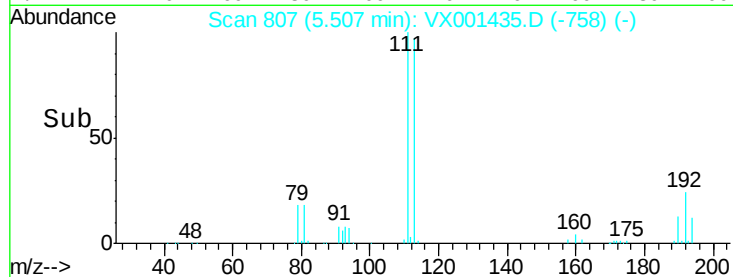
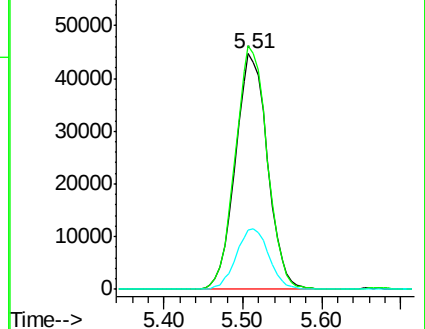
192 26.0 21.4 32.0



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



#39

Methylcyclohexane

Concen: 1.027 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX001435.D

Acq: 05 May 2018 22:49

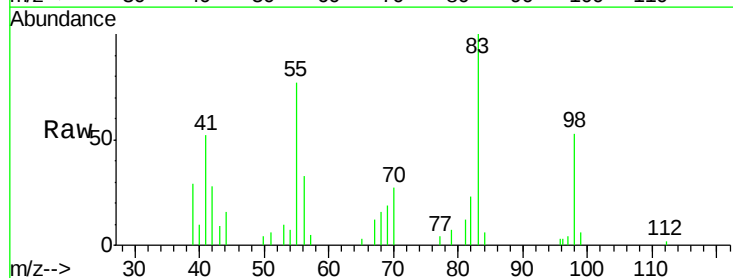
Tgt Ion: 83 Resp: 5227

Ion Ratio Lower Upper

83 100

55 77.5 60.9 91.3

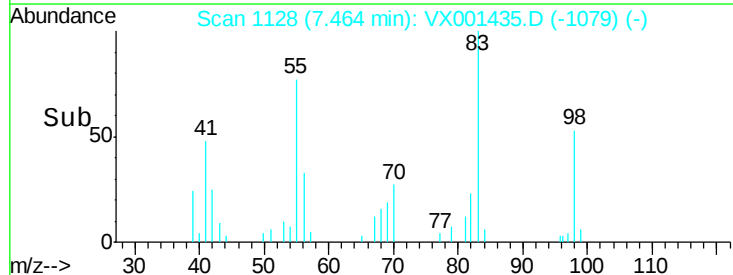
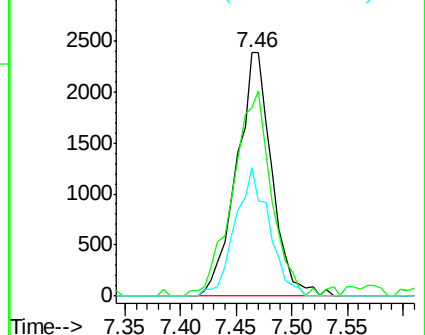
98 52.9 41.9 62.9

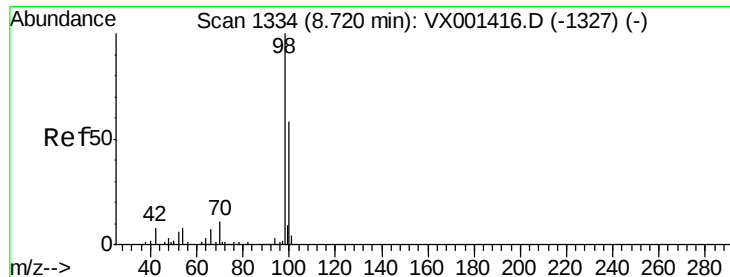


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 42.598 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001435.D

Acq: 05 May 2018 22:49

Instrument :

MSVOA_X

ClientSampleId :

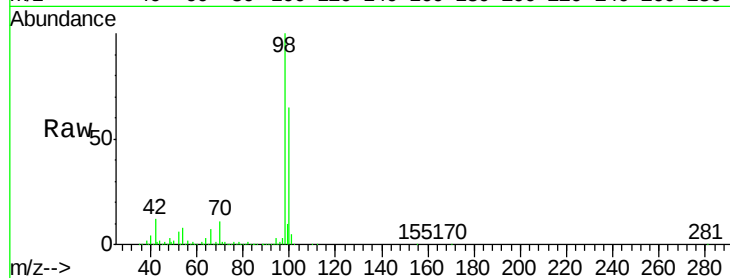
DISCHARGE-1

Tot Ion: 98 Resp: 467987

Ion Ratio Lower Upper

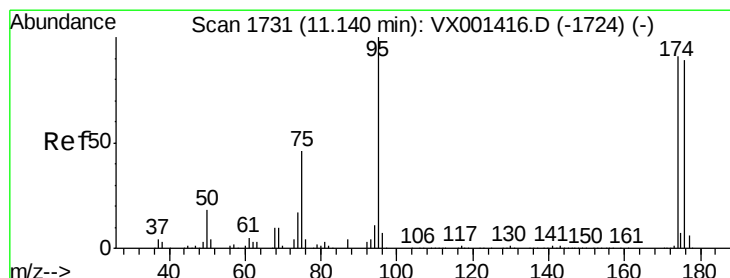
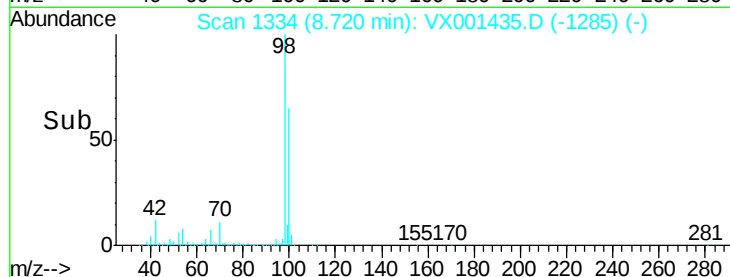
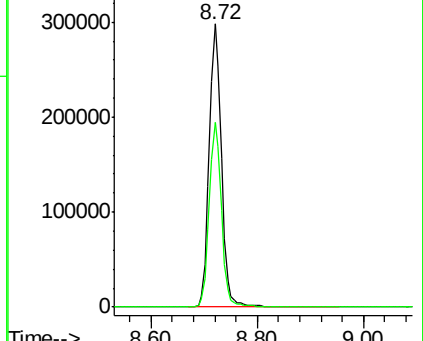
98 100

100 65.5 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 38.081 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001435.D

Acq: 05 May 2018 22:49

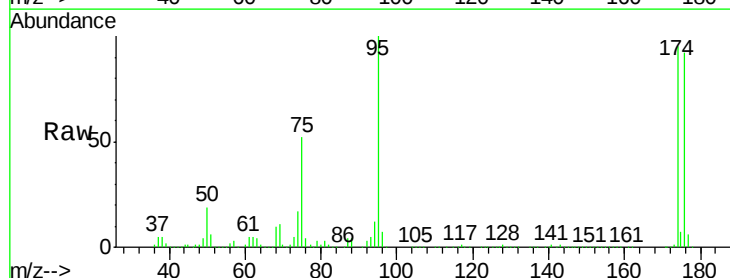
Tgt Ion: 95 Resp: 160600

Ion Ratio Lower Upper

95 100

174 100.8 0.0 202.0

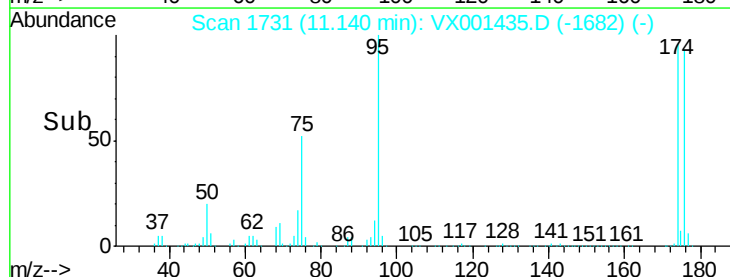
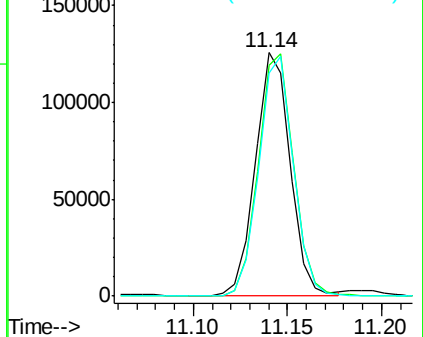
176 98.2 0.0 197.4

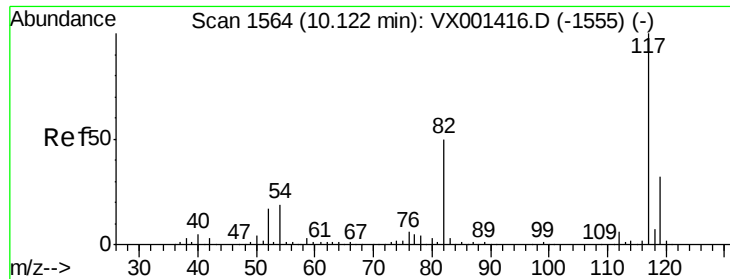


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001435.D

Acq: 05 May 2018 22:49

Instrument :

MSVOA_X

ClientSampleId :

DISCHARGE-1

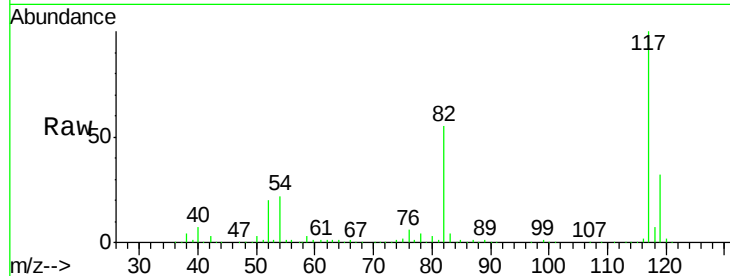
Tot Ion:117 Resp: 299312

Ion Ratio Lower Upper

117 100

82 54.7 40.0 60.0

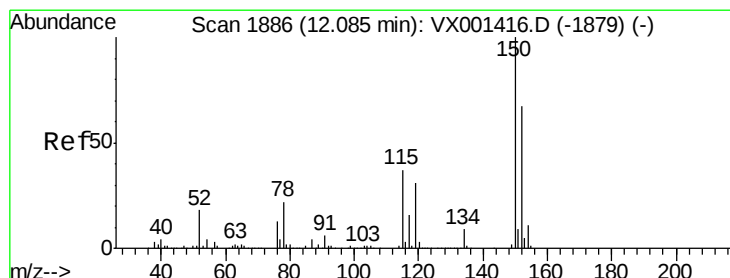
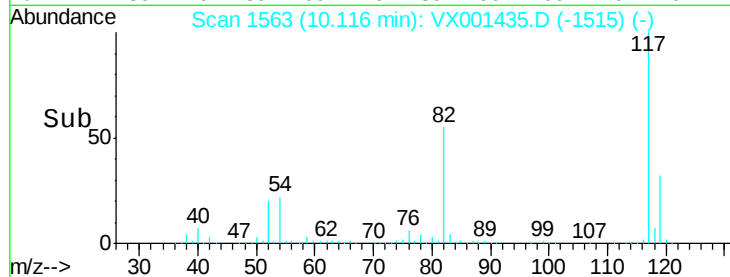
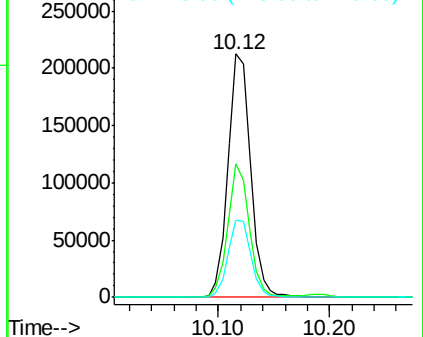
119 31.9 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001435.D

Acq: 05 May 2018 22:49

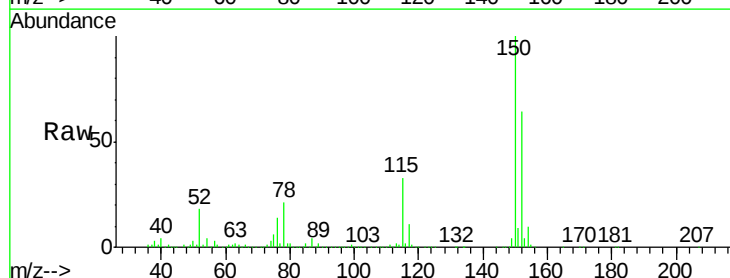
Tgt Ion:152 Resp: 172174

Ion Ratio Lower Upper

152 100

115 53.5 37.7 113.1

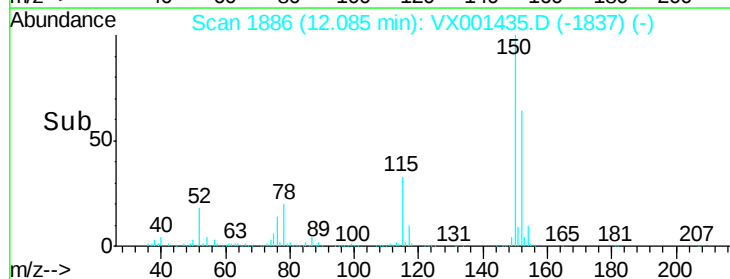
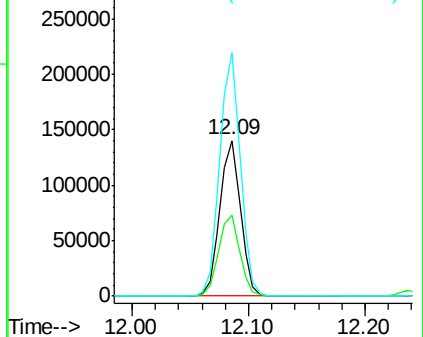
150 155.3 0.0 349.4

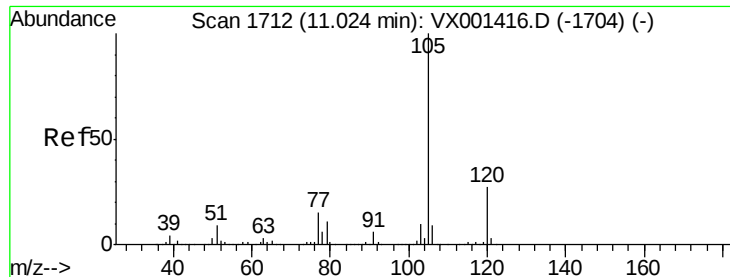


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.802 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001435.D

Acq: 05 May 2018 22:49

Instrument :

MSVOA_X

ClientSampleId :

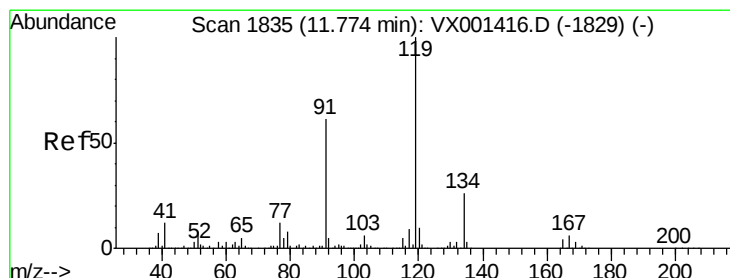
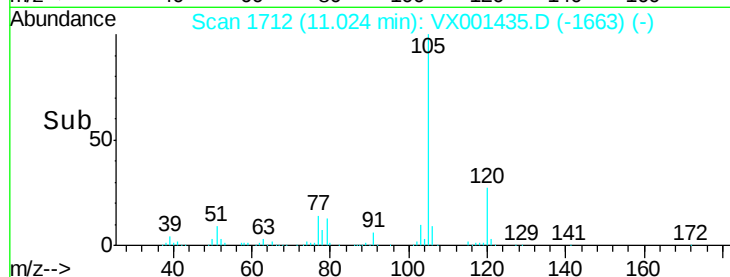
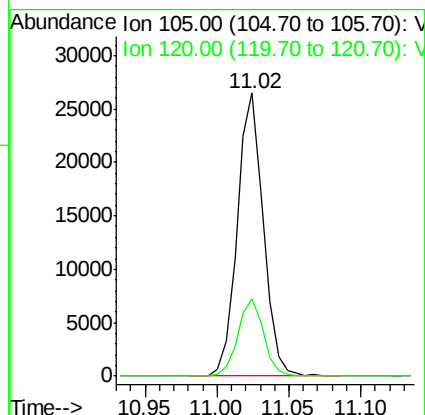
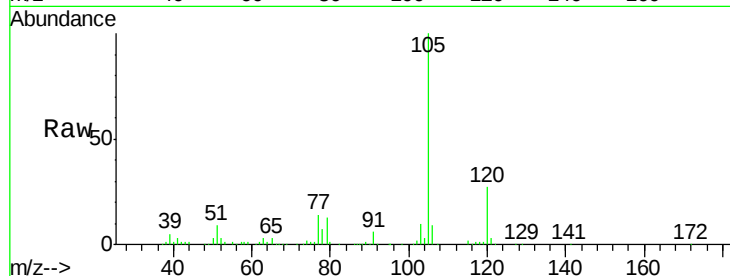
DISCHARGE-1

Tot Ion:105 Resp: 33403

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8



#83

tert-Butylbenzene

Concen: 4.563 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001435.D

Acq: 05 May 2018 22:49

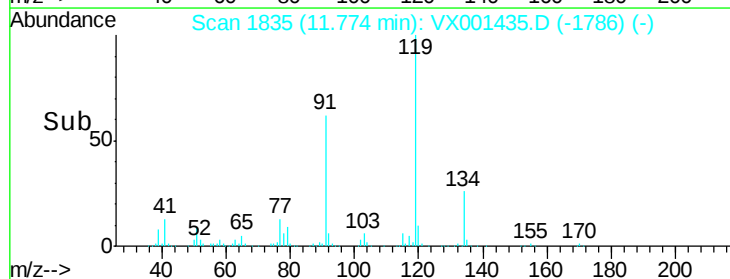
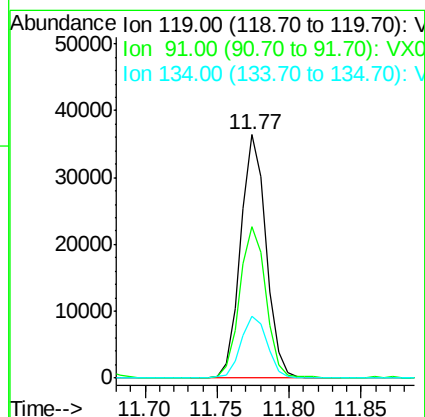
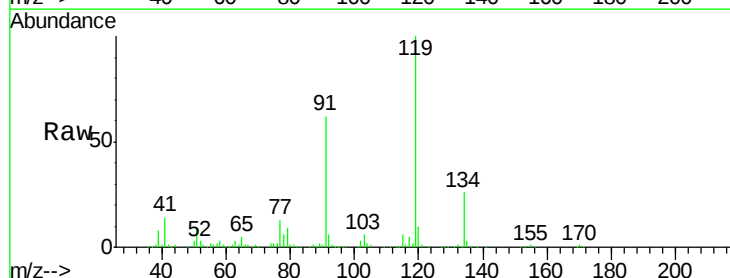
Tgt Ion:119 Resp: 45056

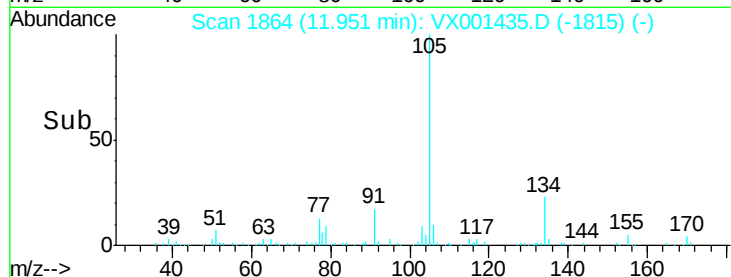
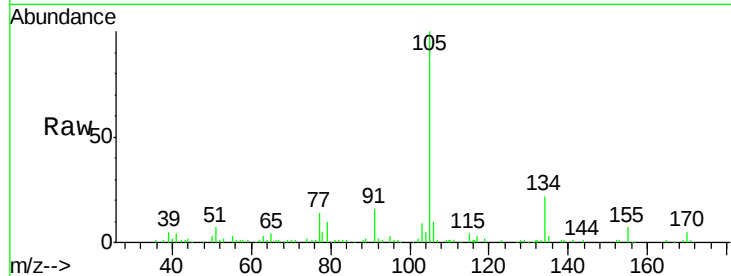
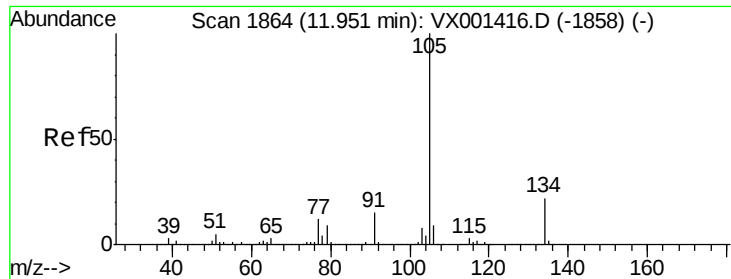
Ion Ratio Lower Upper

119 100

91 64.0 27.8 83.3

134 26.2 12.4 37.0





#85

sec-Butylbenzene

Concen: 1.593 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001435.D

Acq: 05 May 2018 22:49

Instrument :

MSVOA_X

ClientSampleId :

DISCHARGE-1

Tot Ion:105 Resp: 18877

Ion Ratio Lower Upper

105 100

134 19.6 10.9 32.9

