

Data File : VX001088.D
Acq On : 24 Apr 2018 21:02
Operator : JC/MD
Sample : VX0424WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBL02

Quant Time: Apr 25 07:22:06 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	158476	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	168445	56.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.10%	
35) Dibromofluoromethane	5.51	113	129236	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
50) Toluene-d8	8.72	98	491142	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
62) 4-Bromofluorobenzene	11.14	95	165220	42.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.60%	

Target Compounds				Qvalue		
5) Bromomethane	1.66	94	374	Below Cal	#	64
10) Methyl Iodide	2.52	142	395	7.74	ug/l #	79
11) Tert butyl alcohol	3.02	59	234	0.52	ug/l #	64
13) Acrolein	2.31	56	446	13.98	ug/l #	42
15) Acrylonitrile	3.15	53	416	0.34	ug/l #	80
16) Acetone	2.45	43	546	0.49	ug/l	97
20) Methylene Chloride	2.86	84	1063	Below Cal	#	85
29) Tetrahydrofuran	5.17	42	498	0.45	ug/l #	37
31) Cyclohexane	5.67	56	4395	1.05	ug/l #	19
36) 1,1-Dichloropropene	5.67	75	15106	3.89	ug/l #	50
38) Carbon Tetrachloride	5.67	117	20867	5.31	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	85407	31.06	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	85407	92.38	ug/l #	8

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

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ClientSampleId :

VX0424WBL02

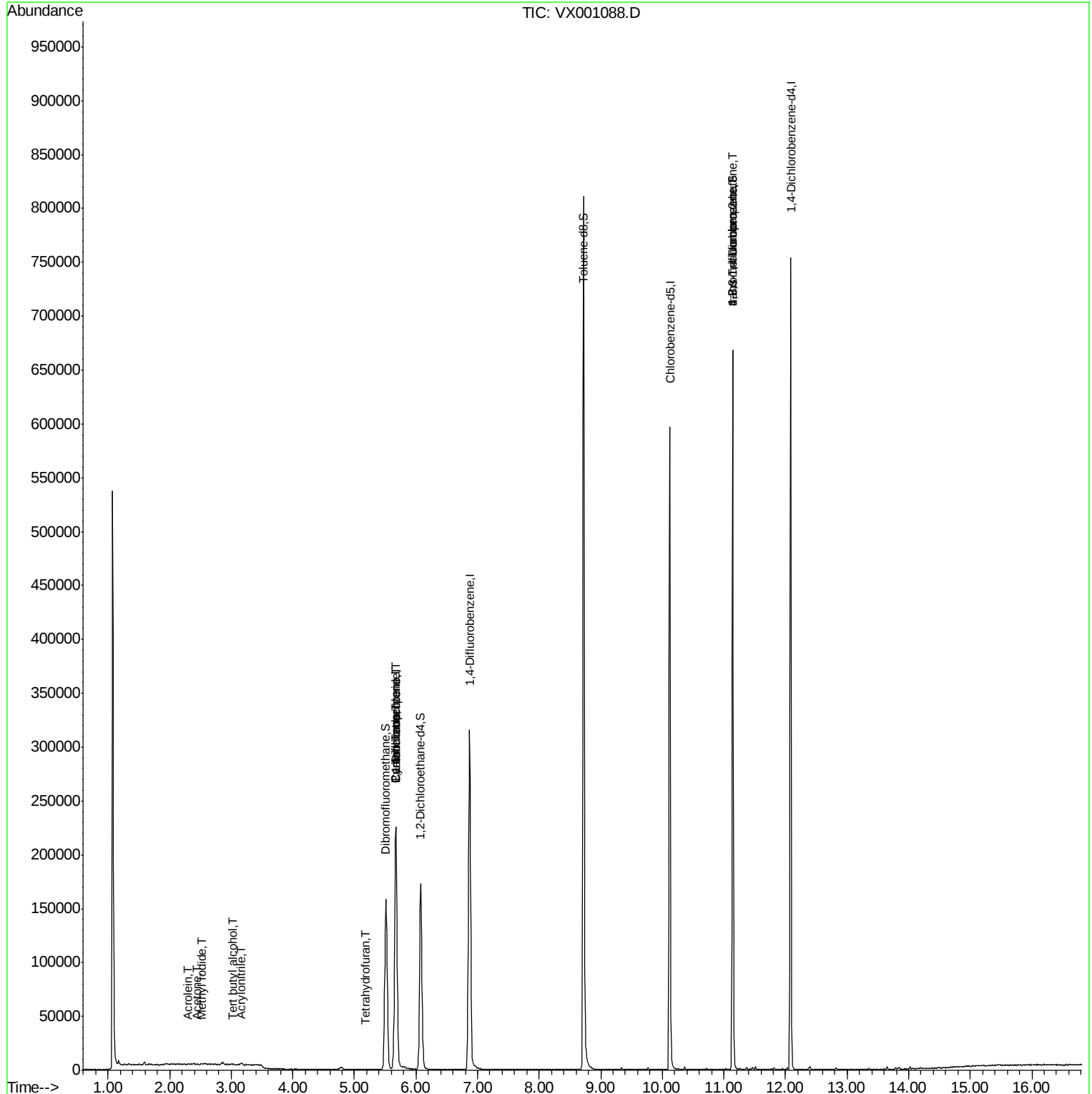
Quant Time: Apr 25 07:22:06 2018

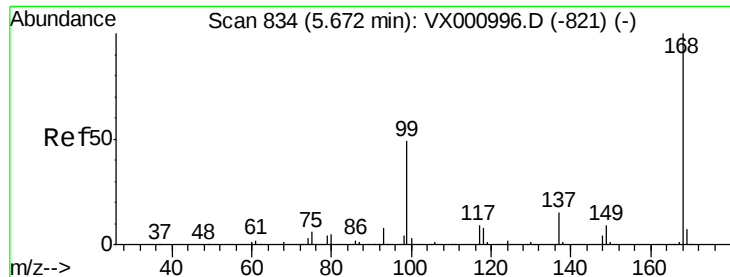
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001088.D

Acq: 24 Apr 2018 21:02

Instrument :

MSVOA_X

ClientSampleId :

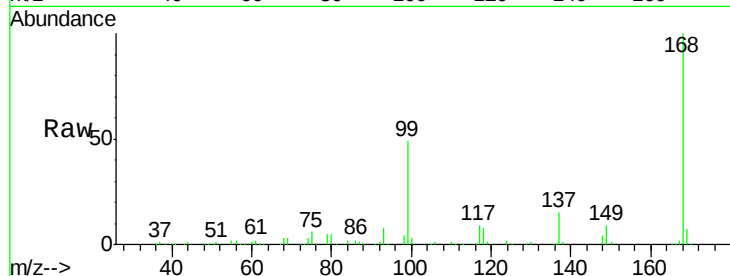
VX0424WBL02

Tgt Ion:168 Resp: 234964

Ion Ratio Lower Upper

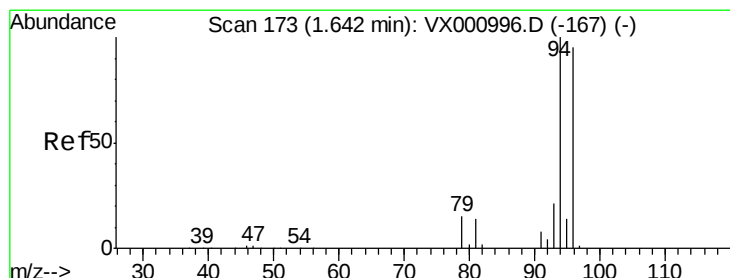
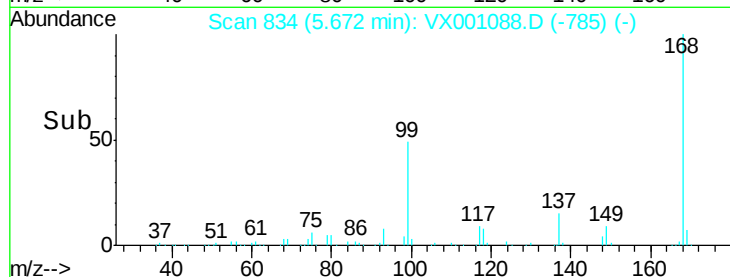
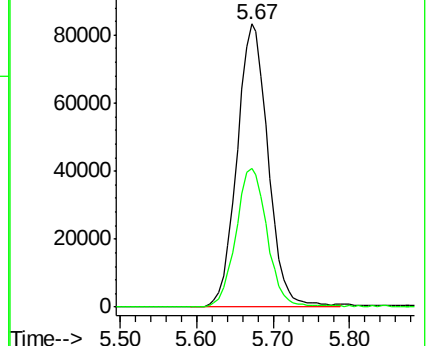
168 100

99 49.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX001088.D

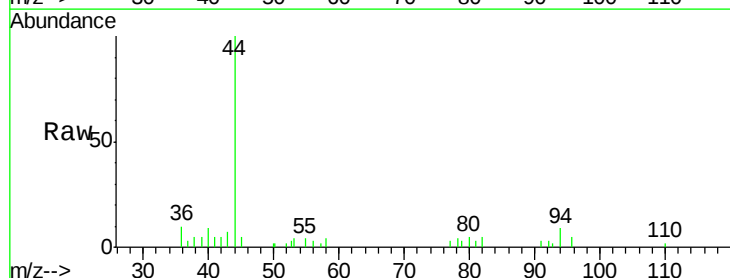
Acq: 24 Apr 2018 21:02

Tgt Ion: 94 Resp: 374

Ion Ratio Lower Upper

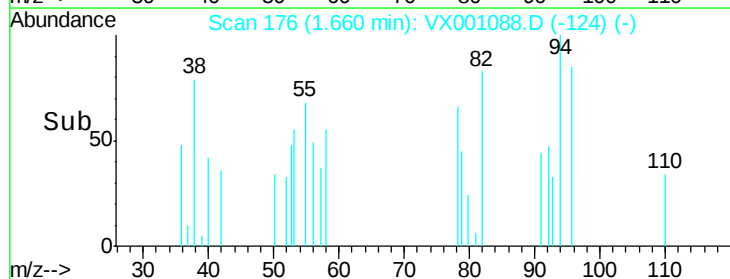
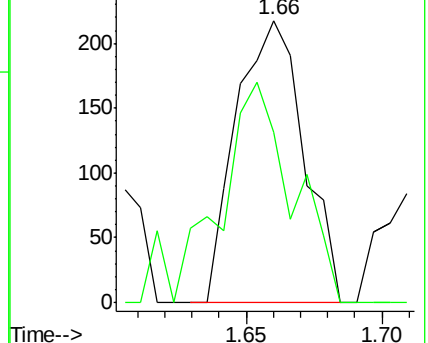
94 100

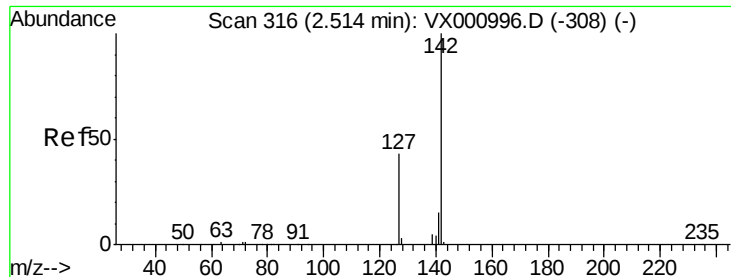
96 60.1 76.0 114.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

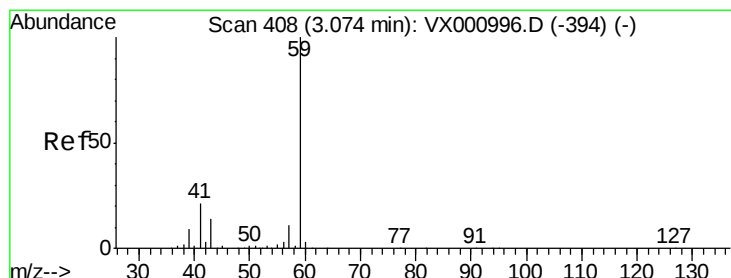
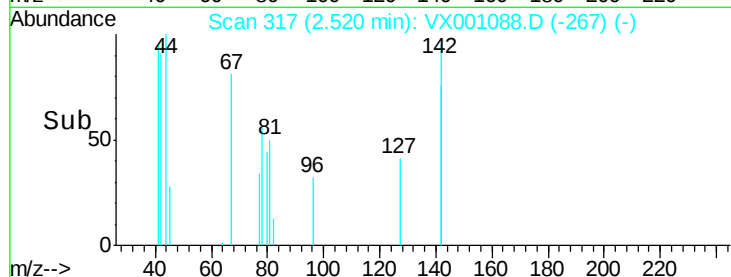
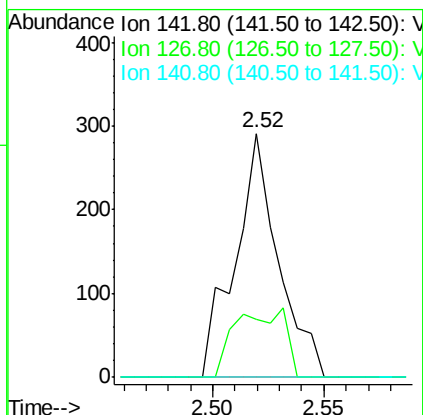
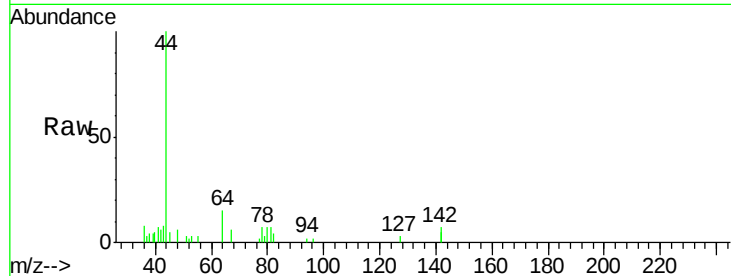




#10
Methyl Iodide
Concen: 7.74 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001088.D
Acq: 24 Apr 2018 21:02

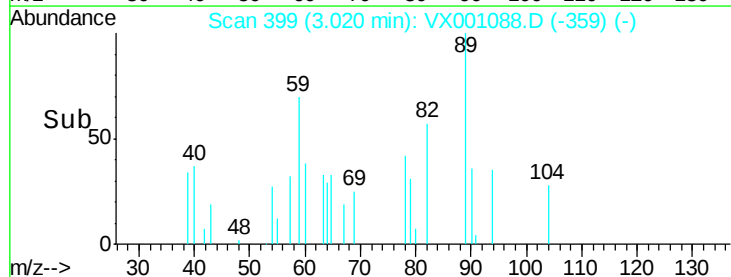
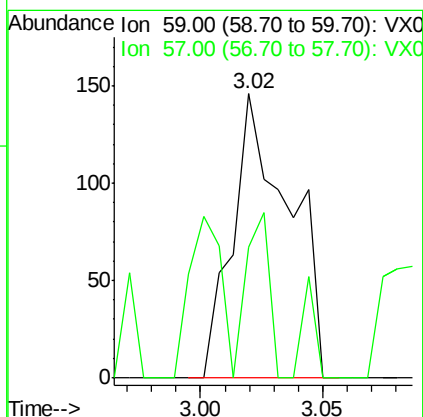
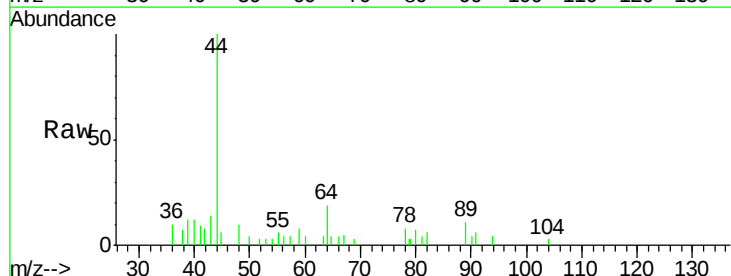
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBL02

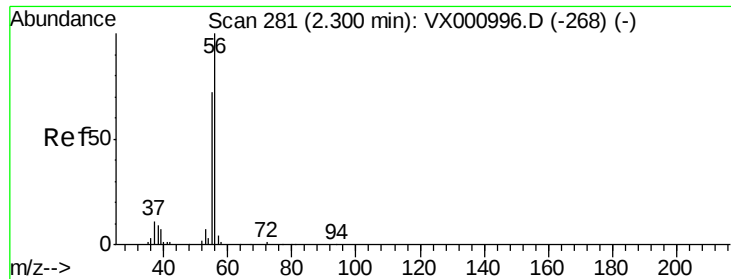
Tgt Ion	Ratio	Lower	Upper
142	100		
127	32.2	34.0	51.0#
141	0.0	11.4	17.2#



#11
Tert butyl alcohol
Concen: 0.52 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.05 min
Lab File: VX001088.D
Acq: 24 Apr 2018 21:02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	23.9	8.3	12.5#





#13

Acrolein

Concen: 13.98 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX001088.D

Acq: 24 Apr 2018 21:02

Instrument :

MSVOA_X

ClientSampleId :

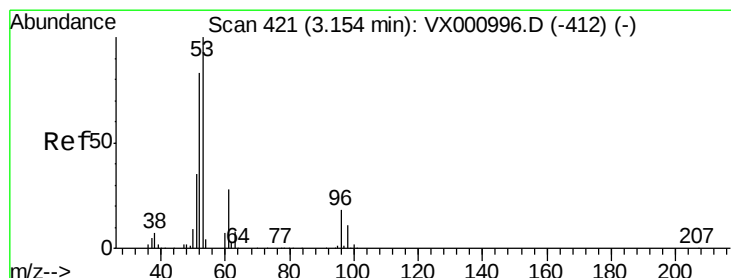
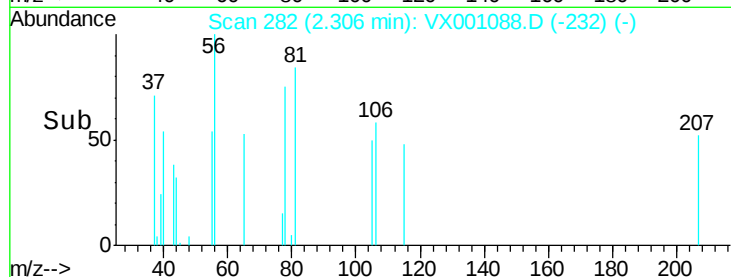
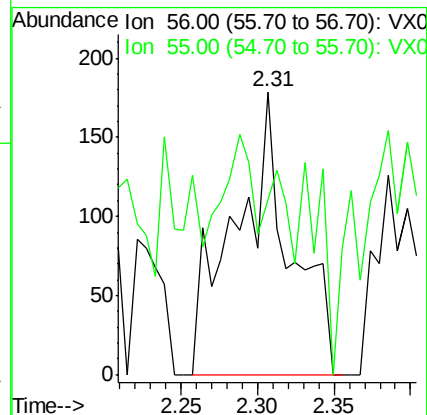
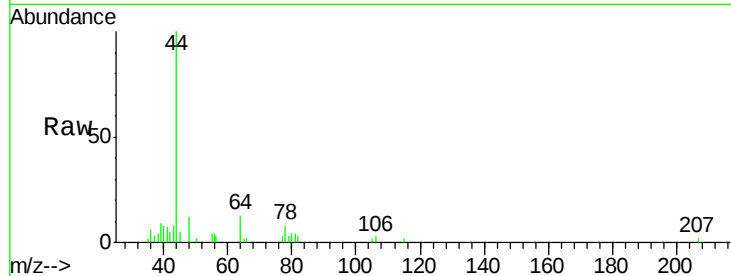
VX0424WBL02

Tgt Ion: 56 Resp: 446

Ion Ratio Lower Upper

56 100

55 23.8 57.4 86.2#



#15

Acrylonitrile

Concen: 0.34 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001088.D

Acq: 24 Apr 2018 21:02

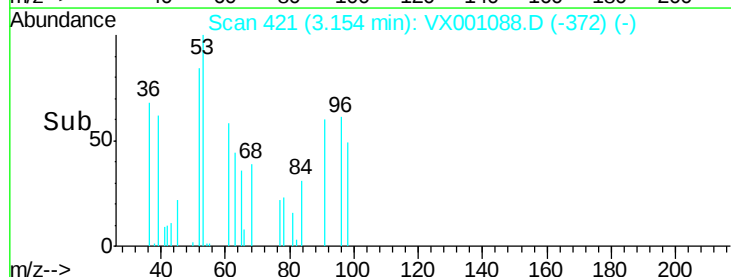
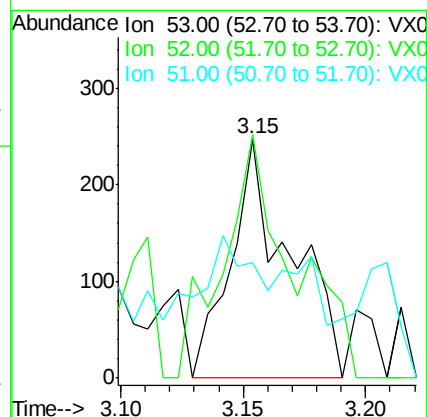
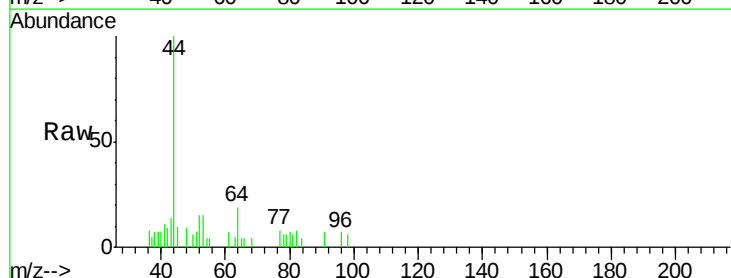
Tgt Ion: 53 Resp: 416

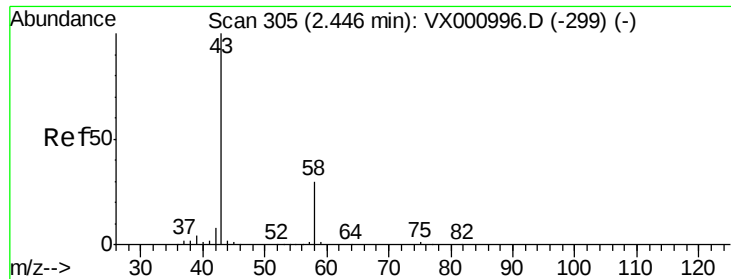
Ion Ratio Lower Upper

53 100

52 93.8 66.4 99.6

51 14.4 29.0 43.6#





#16

Acetone

Concen: 0.49 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001088.D

Acq: 24 Apr 2018 21:02

Instrument :

MSVOA_X

ClientSampled :

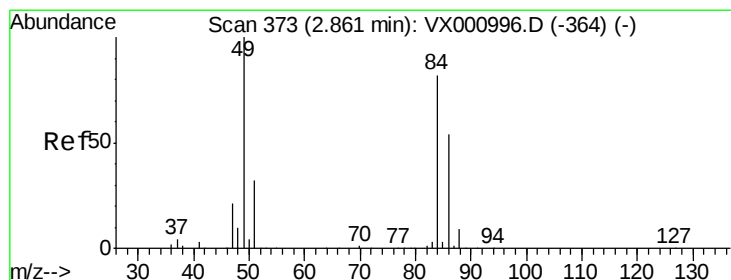
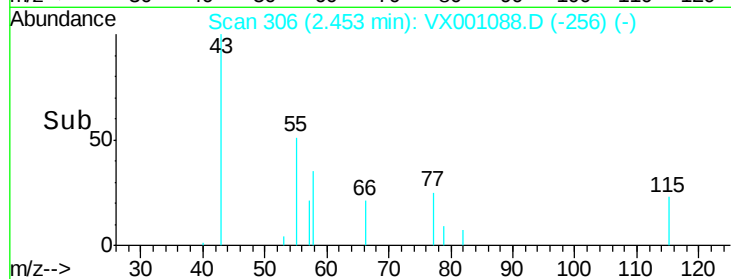
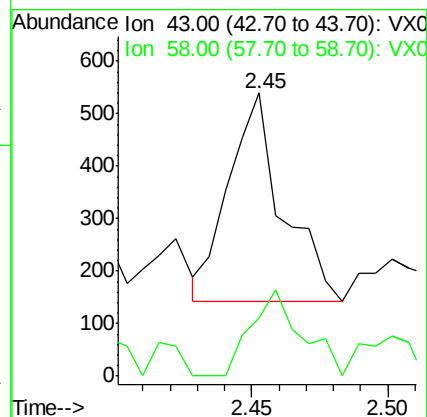
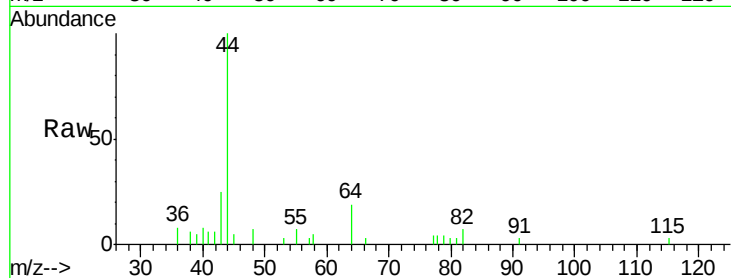
VX0424WBL02

Tgt Ion: 43 Resp: 546

Ion Ratio Lower Upper

43 100

58 28.2 23.7 35.5



#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001088.D

Acq: 24 Apr 2018 21:02

Tgt Ion: 84 Resp: 1063

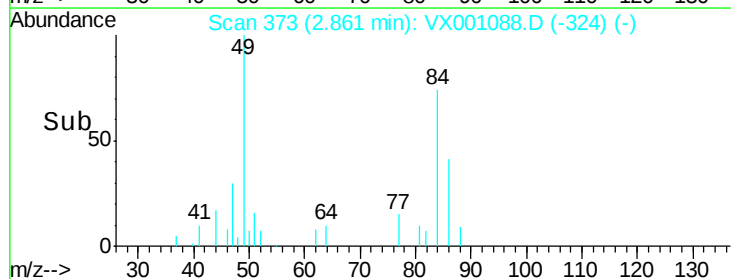
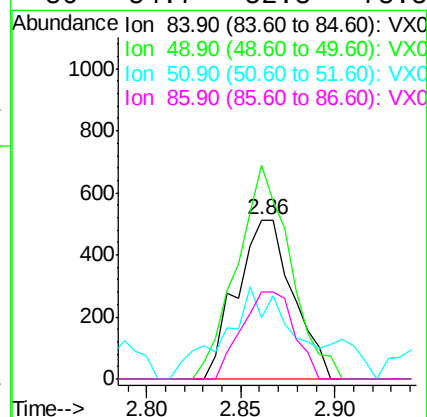
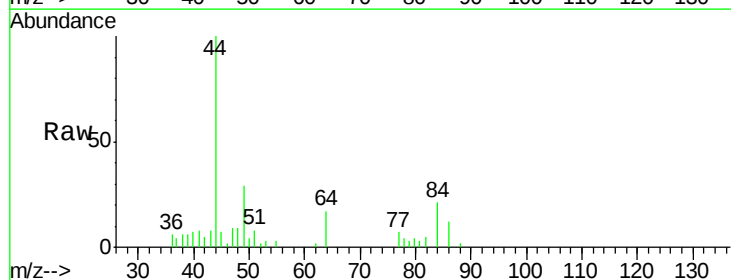
Ion Ratio Lower Upper

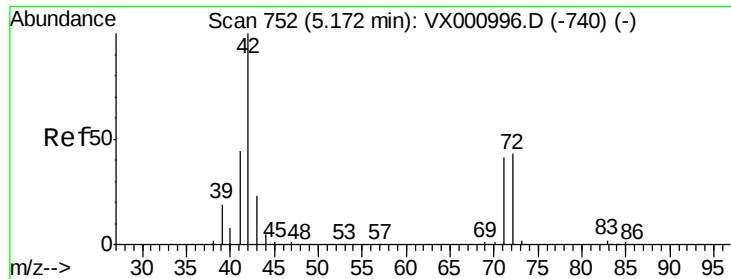
84 100

49 134.6 97.1 145.7

51 21.3 30.8 46.2#

86 54.7 52.3 78.5





#29

Tetrahydrofuran

Concen: 0.45 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX001088.D

Acq: 24 Apr 2018 21:02

Instrument :

MSVOA_X

ClientSampled :

VX0424WBL02

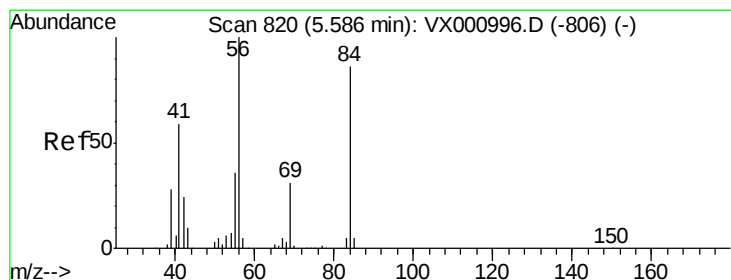
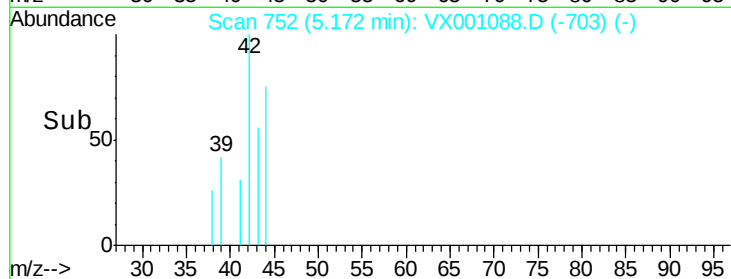
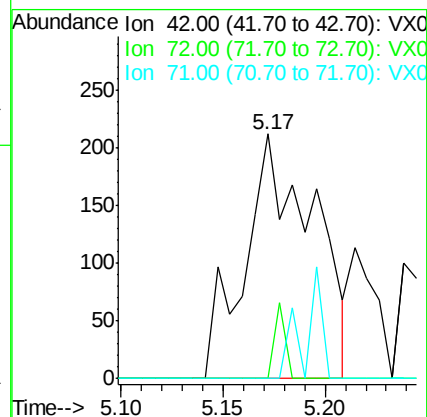
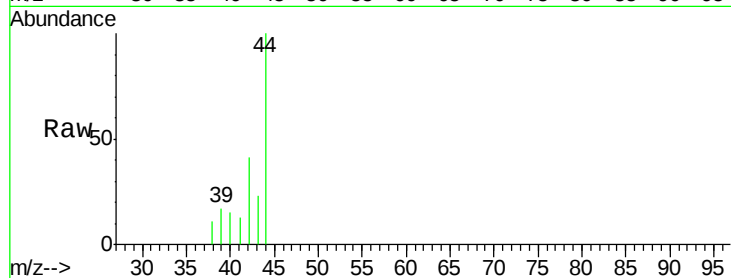
Tgt Ion: 42 Resp: 498

Ion Ratio Lower Upper

42 100

72 4.8 34.6 52.0#

71 0.0 32.6 49.0#



#31

Cyclohexane

Concen: 1.05 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001088.D

Acq: 24 Apr 2018 21:02

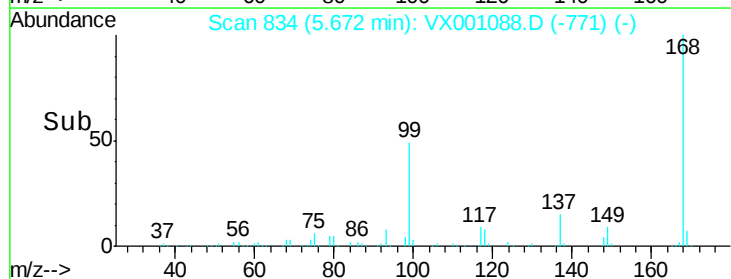
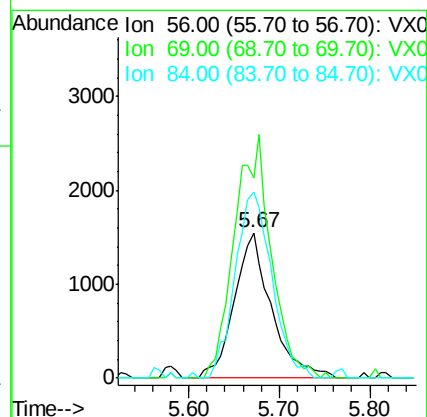
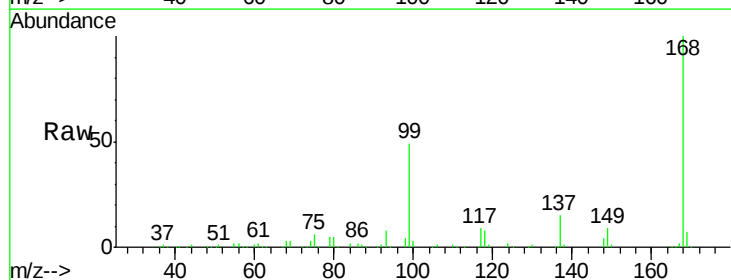
Tgt Ion: 56 Resp: 4395

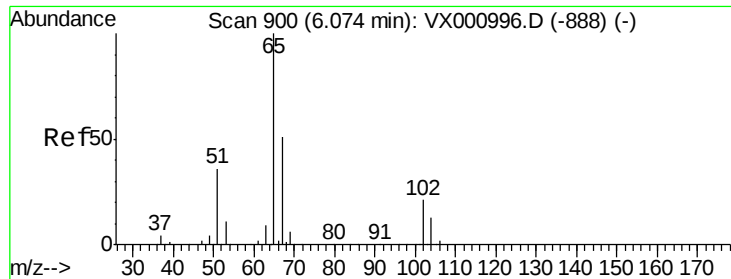
Ion Ratio Lower Upper

56 100

69 137.2 24.6 36.8#

84 124.0 69.0 103.6#

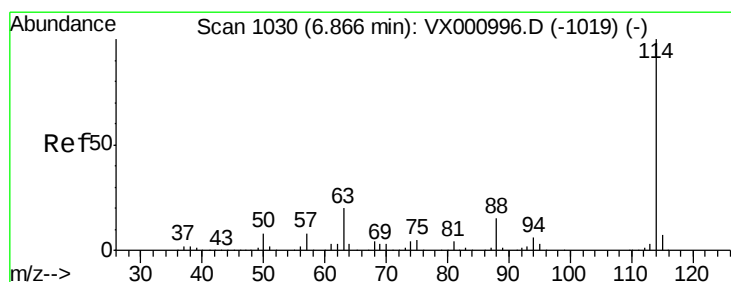
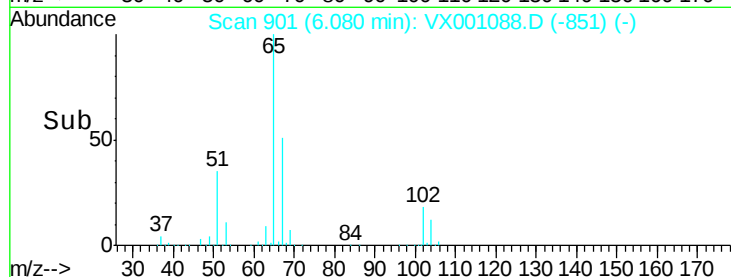
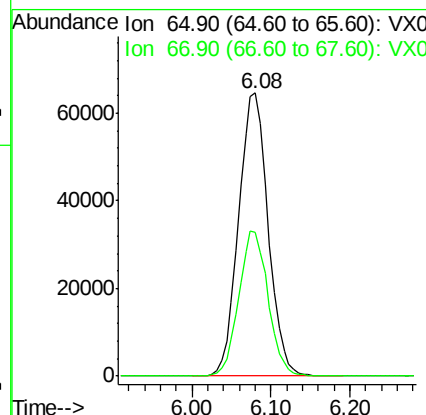
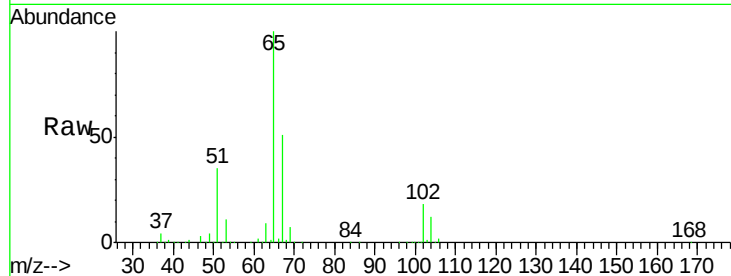




#33
 1,2-Dichloroethane-d4
 Concen: 56.55 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001088.D
 Acq: 24 Apr 2018 21:02

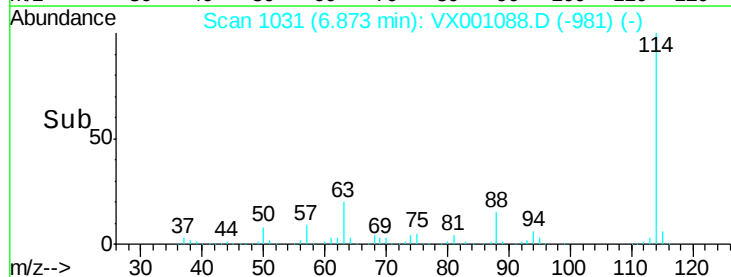
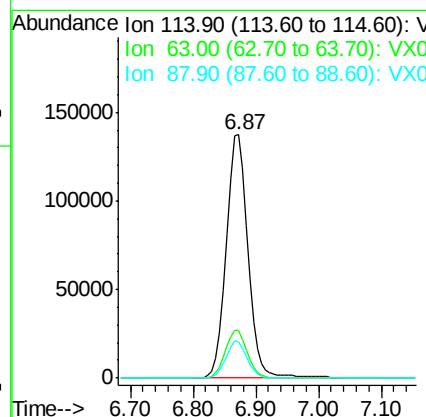
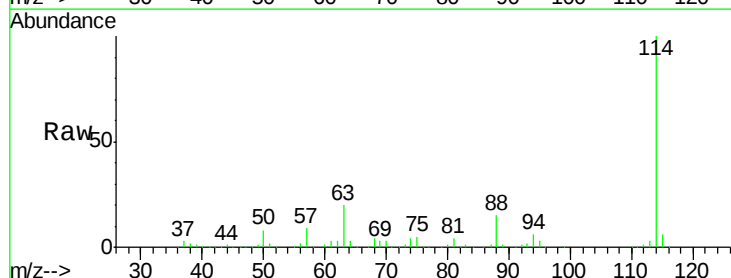
Instrument :
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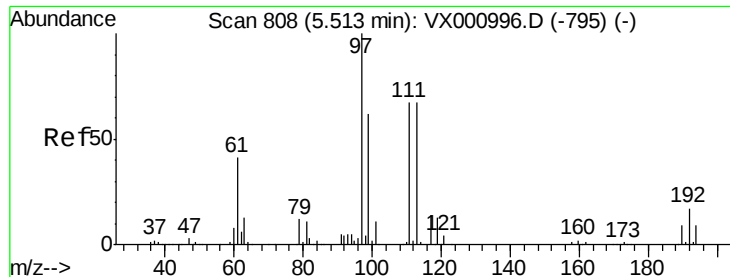
Tgt Ion: 65 Resp: 168445
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001088.D
 Acq: 24 Apr 2018 21:02

Tgt Ion: 114 Resp: 330083
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.4
 88 15.0 0.0 29.8





#35

Dibromofluoromethane

Concen: 51.35 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001088.D

Acq: 24 Apr 2018 21:02

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBL02

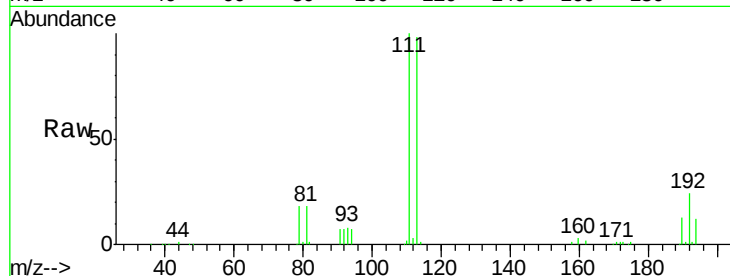
Tgt Ion:113 Resp: 129236

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.2

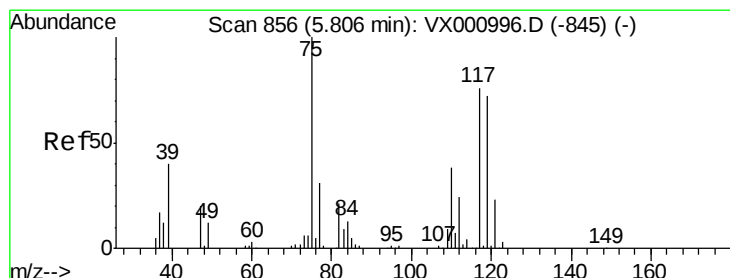
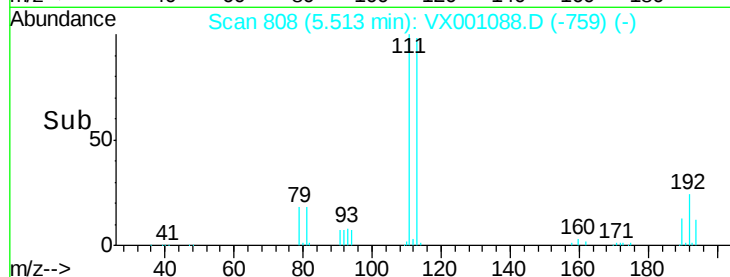
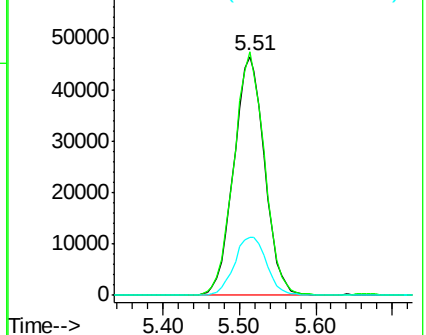
192 25.6 20.4 30.6



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



#36

1,1-Dichloropropene

Concen: 3.89 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001088.D

Acq: 24 Apr 2018 21:02

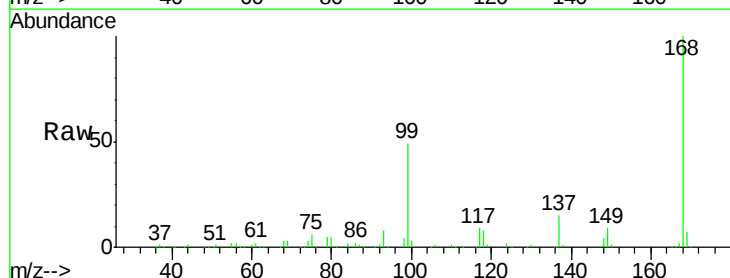
Tgt Ion: 75 Resp: 15106

Ion Ratio Lower Upper

75 100

110 10.6 18.7 56.1#

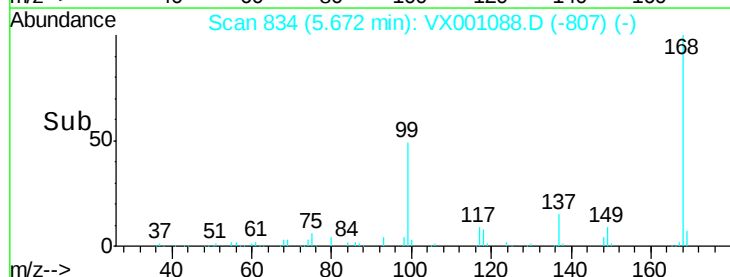
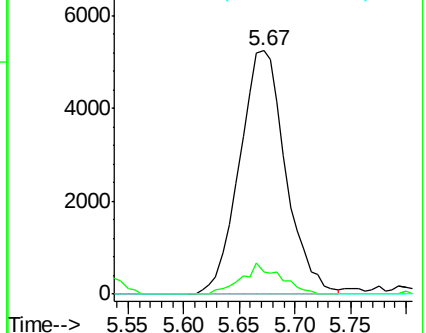
77 0.0 25.0 37.4#

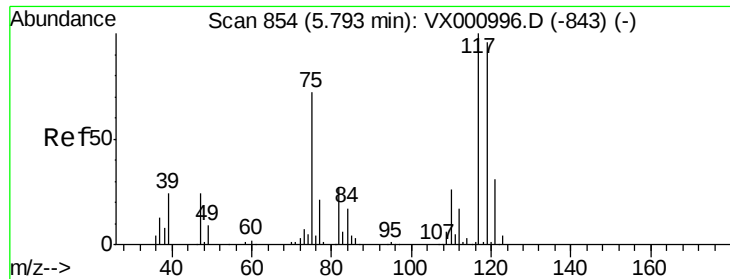


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.31 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX001088.D

Acq: 24 Apr 2018 21:02

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBL02

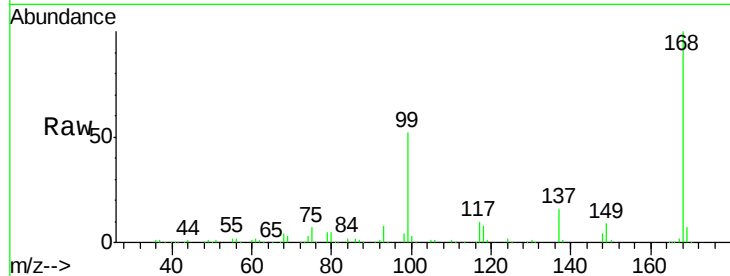
Tgt Ion:117 Resp: 20867

Ion Ratio Lower Upper

117 100

119 5.7 76.5 114.7#

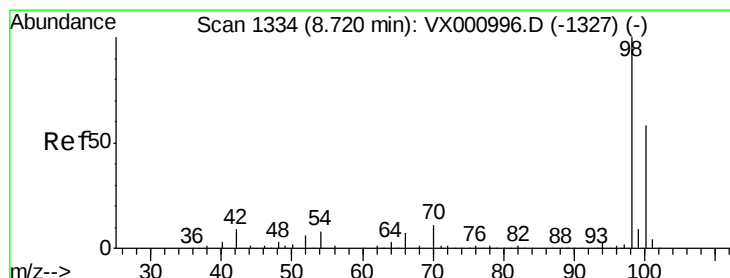
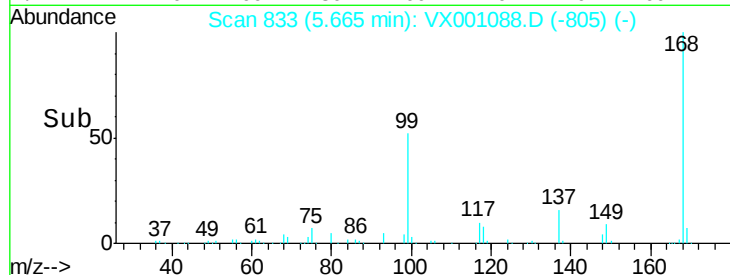
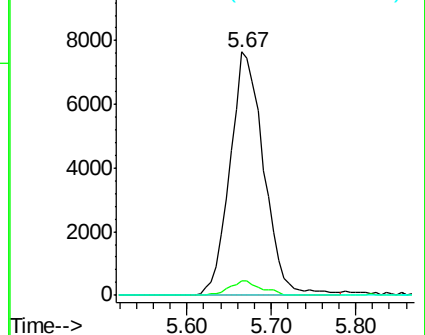
121 0.0 24.5 36.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 52.77 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001088.D

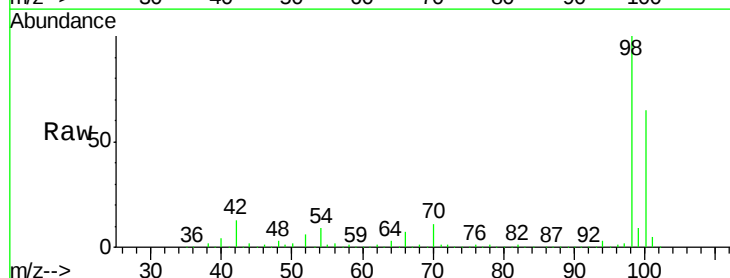
Acq: 24 Apr 2018 21:02

Tgt Ion: 98 Resp: 491142

Ion Ratio Lower Upper

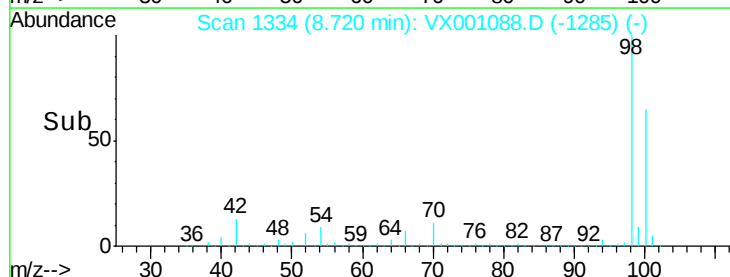
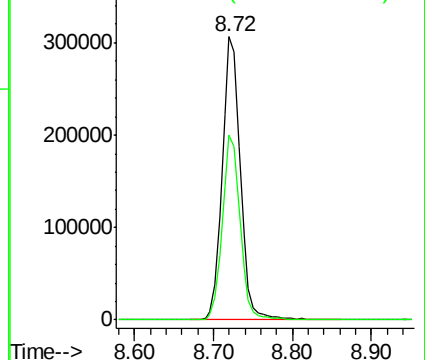
98 100

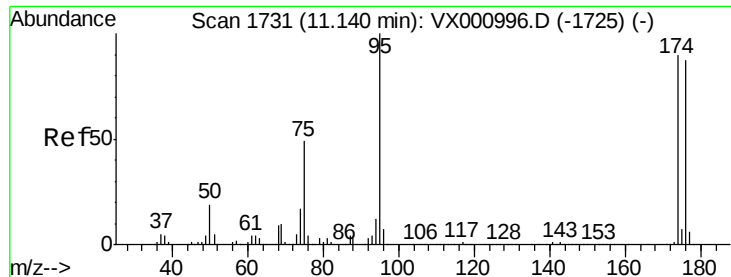
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX





#62

4-Bromofluorobenzene

Concen: 42.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001088.D

Acq: 24 Apr 2018 21:02

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBL02

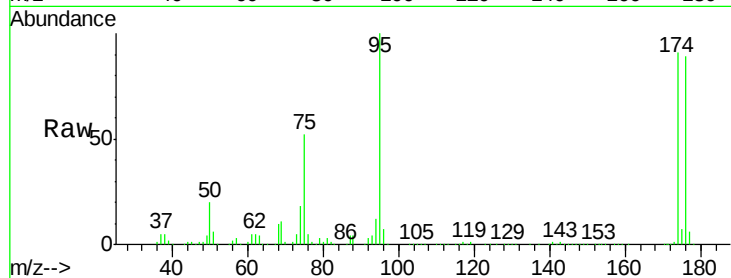
Tgt Ion: 95 Resp: 165220

Ion Ratio Lower Upper

95 100

174 98.4 0.0 198.4

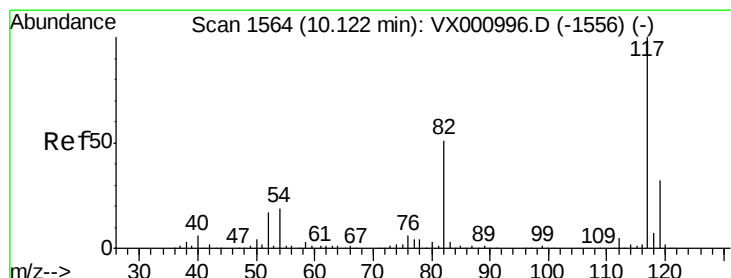
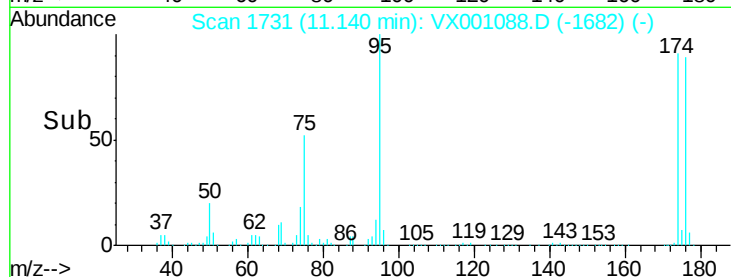
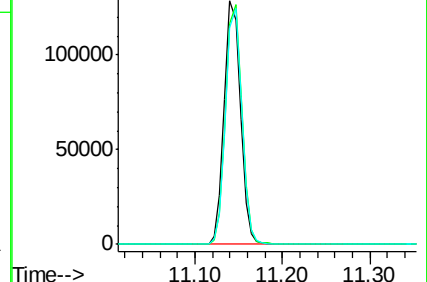
176 96.7 0.0 192.0



Abundance Ion 94.90 (94.60 to 95.60): VX000996.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000996.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000996.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX001088.D

Acq: 24 Apr 2018 21:02

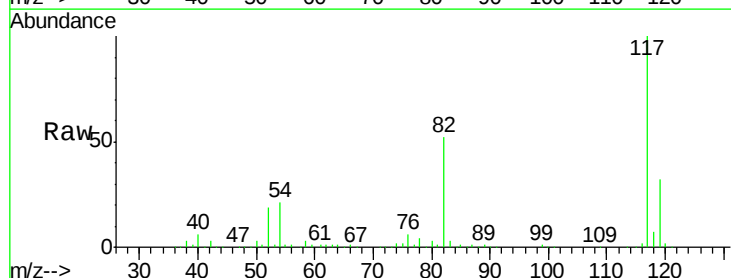
Tgt Ion: 117 Resp: 288237

Ion Ratio Lower Upper

117 100

82 51.6 40.6 60.8

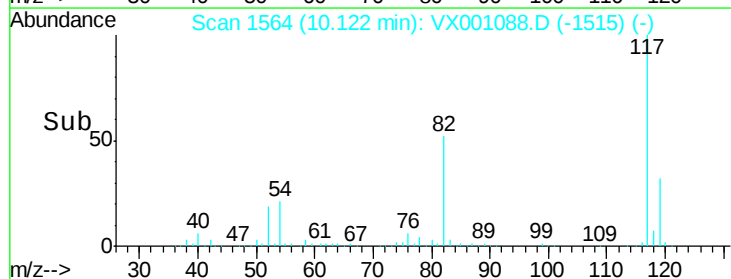
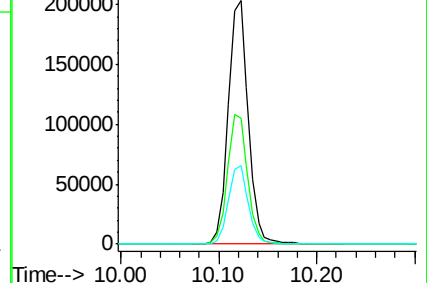
119 32.2 26.0 39.0

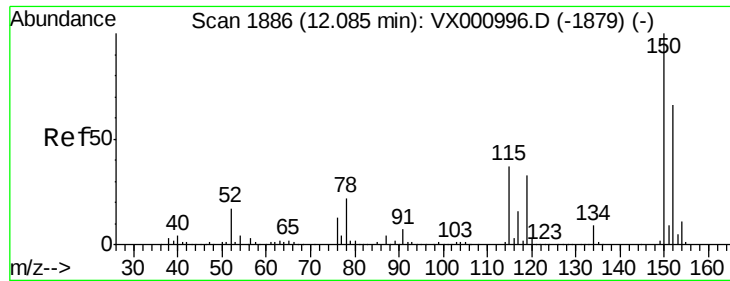


Abundance Ion 116.90 (116.60 to 117.60): VX000996.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX000996.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX000996.D (-1556) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001088.D

Acq: 24 Apr 2018 21:02

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBL02

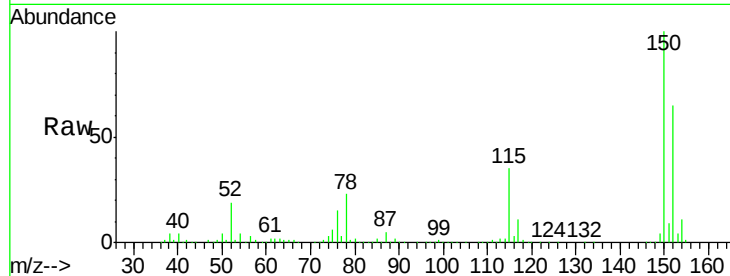
Tgt Ion:152 Resp: 158476

Ion Ratio Lower Upper

152 100

115 54.2 38.2 114.6

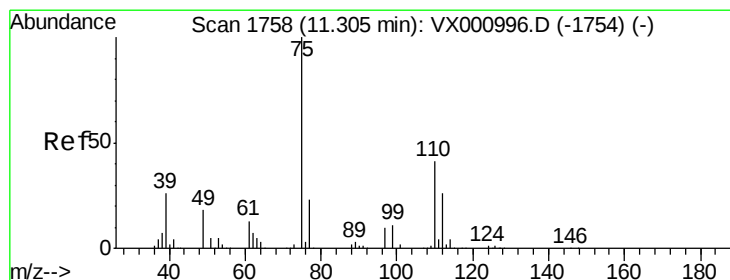
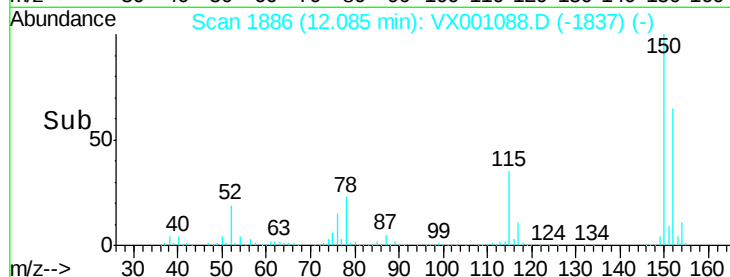
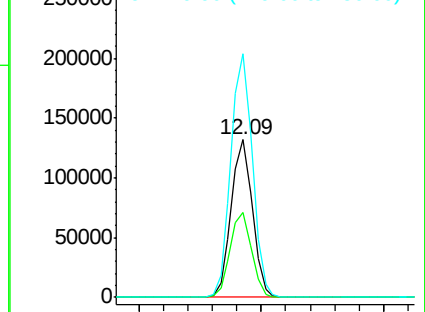
150 156.4 0.0 350.4



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



#76

1,2,3-Trichloropropane

Concen: 31.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001088.D

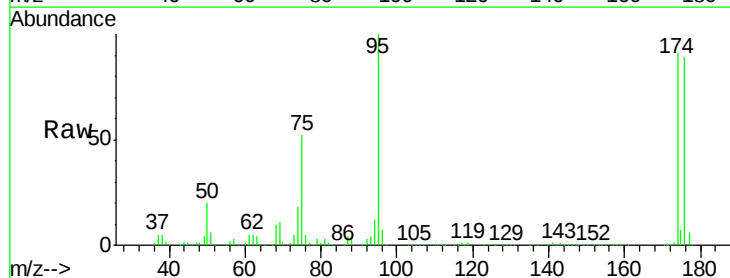
Acq: 24 Apr 2018 21:02

Tgt Ion: 75 Resp: 85407

Ion Ratio Lower Upper

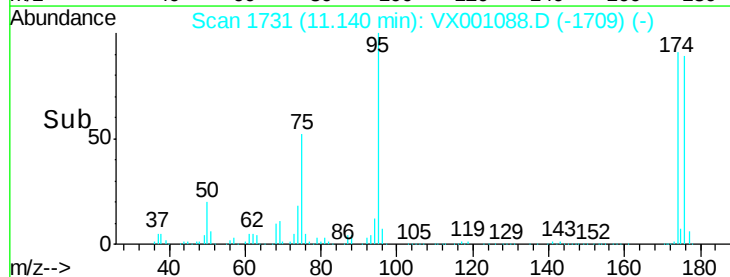
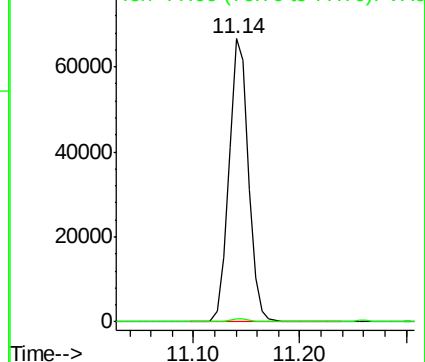
75 100

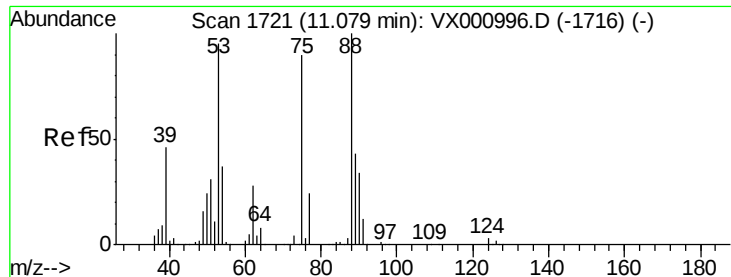
77 1.1 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 92.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001088.D

Acq: 24 Apr 2018 21:02

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBL02

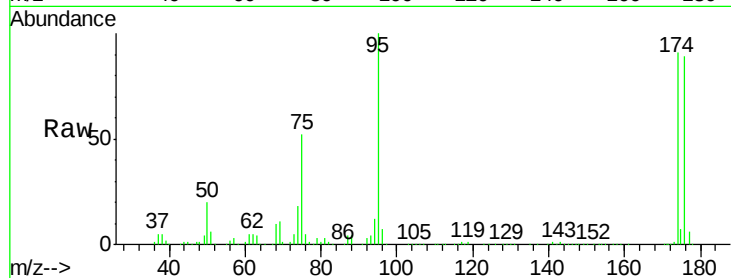
Tgt Ion: 75 Resp: 85407

Ion Ratio Lower Upper

75 100

53 0.0 83.4 125.2#

89 0.0 39.7 59.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

