

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001530.D
 Acq On : 08 May 2018 23:21
 Operator : JC/MD
 Sample : VX0508WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBL02

Quant Time: May 09 06:50:46 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	237478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	324728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	157548	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	193043	56.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.12%	
35) Dibromofluoromethane	5.51	113	150380	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	8.72	98	535011	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.15	95	177623	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	

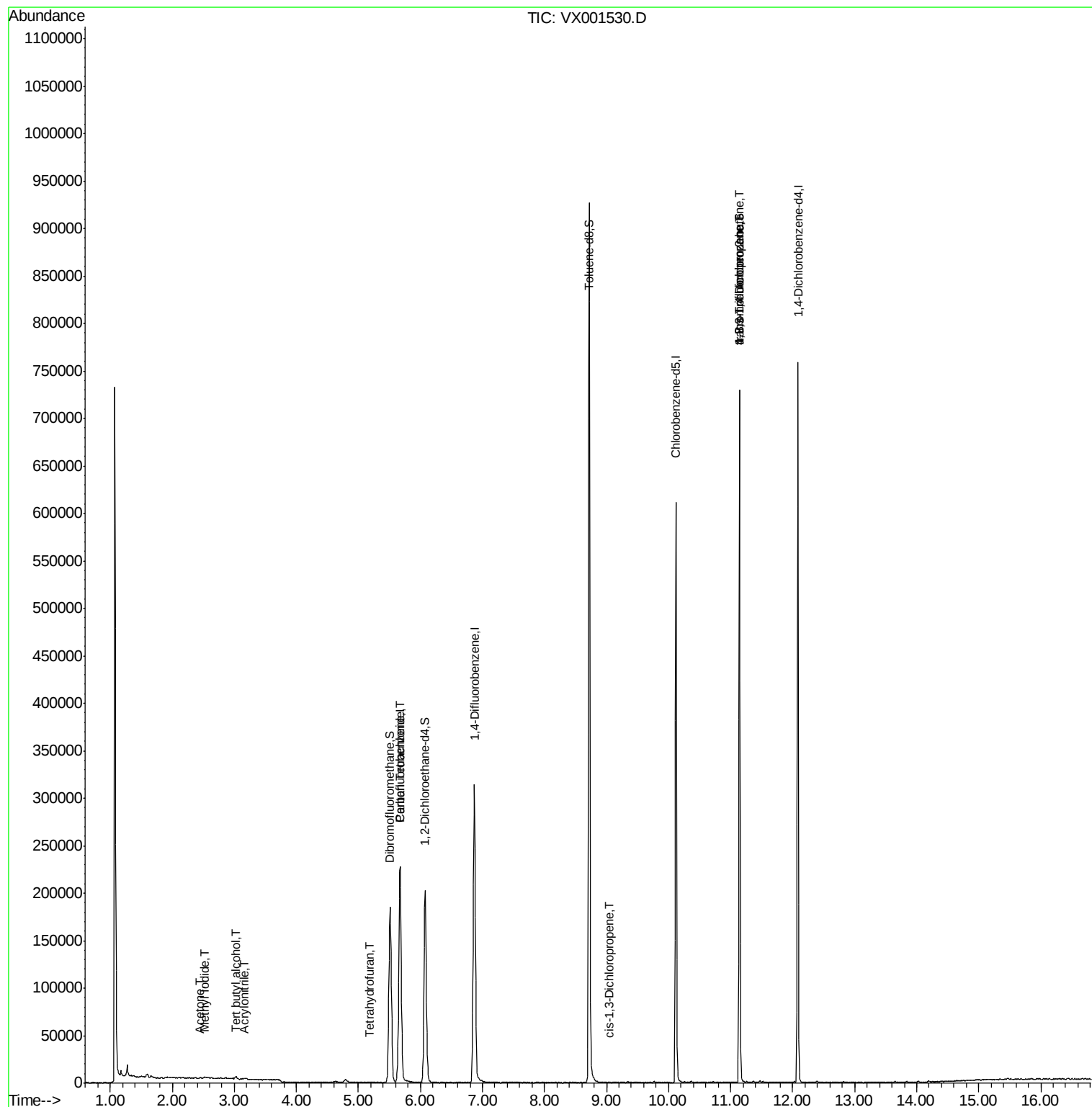
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.61	94	223	Below Cal	#	80
10) Methyl Iodide	2.52	142	1714	0.41	ug/l #	93
11) Tert butyl alcohol	3.03	59	1529	2.12	ug/l #	72
13) Acrolein	2.29	56	56	Below Cal	#	1
15) Acrylonitrile	3.15	53	437	0.27	ug/l	99
16) Acetone	2.45	43	912	0.59	ug/l	94
29) Tetrahydrofuran	5.18	42	518	0.36	ug/l #	54
38) Carbon Tetrachloride	5.67	117	20284	4.60	ug/l #	16
54) cis-1,3-Dichloropropene	9.04	75	98	2.28	ug/l #	54
76) 1,2,3-Trichloropropane	11.14	75	88769	27.78	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	88769	85.27	ug/l #	7

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

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QLast Update : Sun May 06 07:59:25 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: VX001530.D

Acq: 08 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

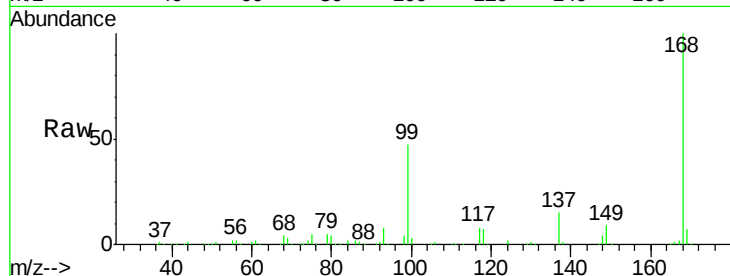
VX0508WBL02

Tgt Ion:168 Resp: 237478

Ion Ratio Lower Upper

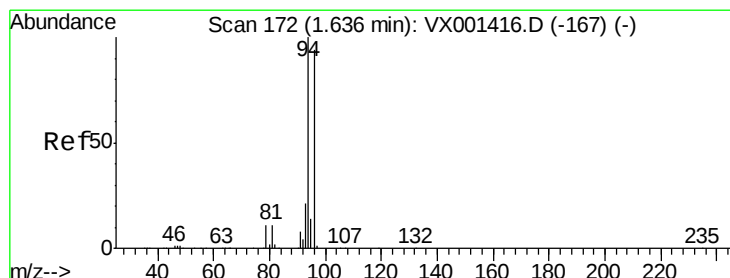
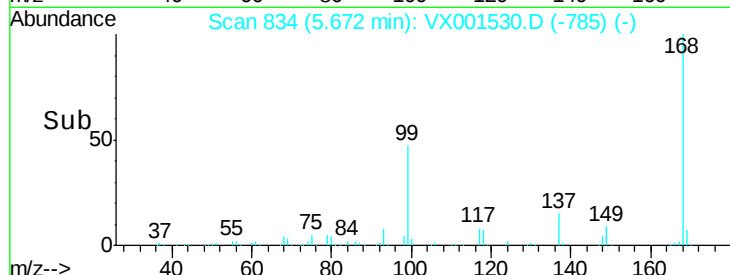
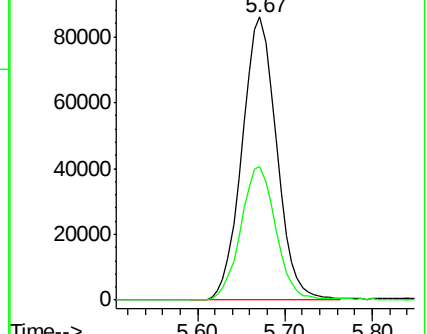
168 100

99 47.1 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 168

Delta R.T. -0.02 min

Lab File: VX001530.D

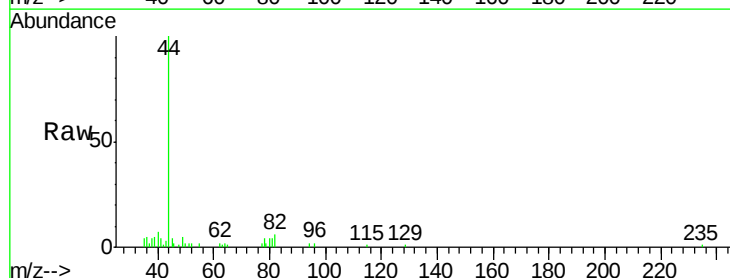
Acq: 08 May 2018 23:21

Tgt Ion: 94 Resp: 223

Ion Ratio Lower Upper

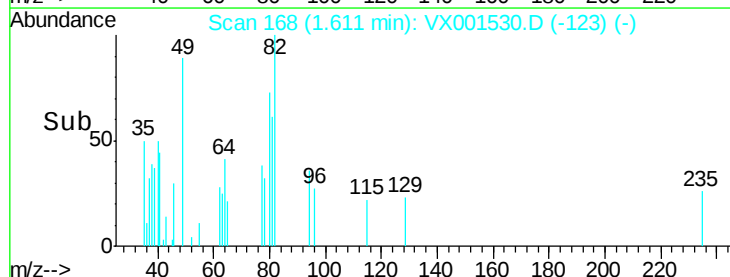
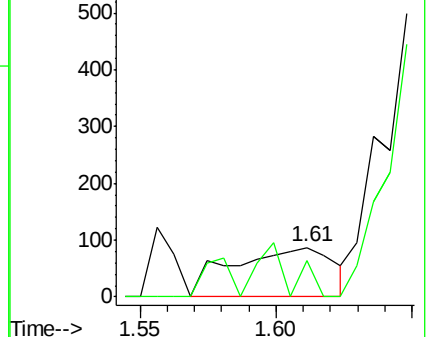
94 100

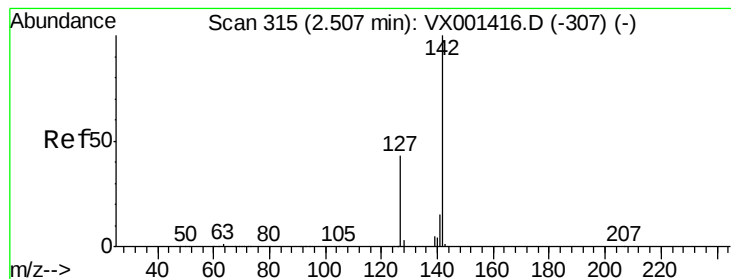
96 74.7 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methyl Iodide

Concen: 0.41 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001530.D

Acq: 08 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBL02

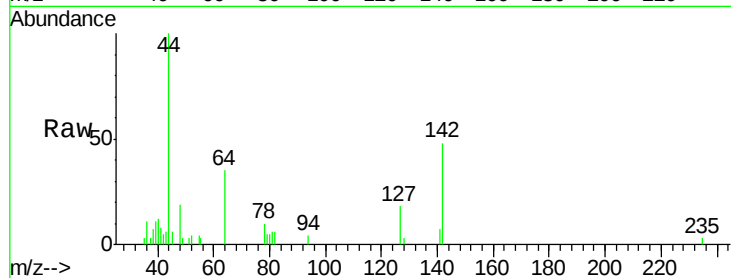
Tgt Ion:142 Resp: 1714

Ion Ratio Lower Upper

142 100

127 46.7 33.6 50.4

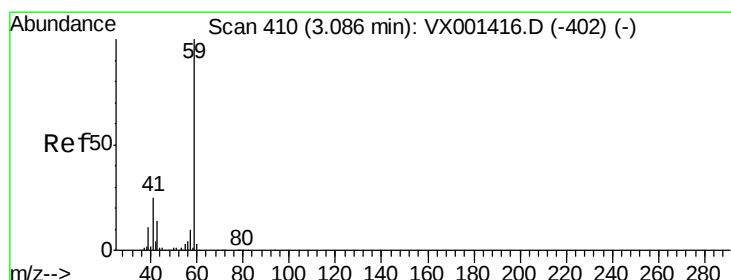
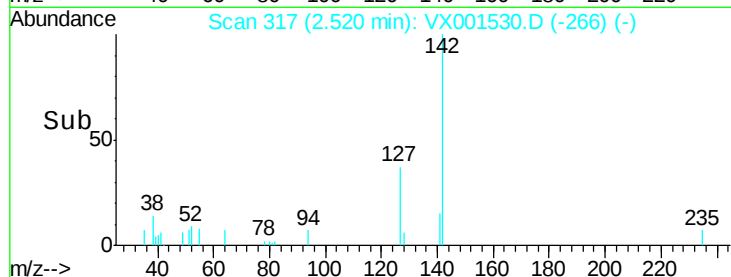
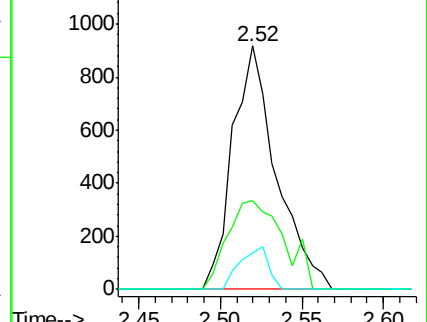
141 11.4 11.4 17.2#



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



#11

Tert butyl alcohol

Concen: 2.12 ug/l

RT: 3.03 min Scan# 401

Delta R.T. -0.05 min

Lab File: VX001530.D

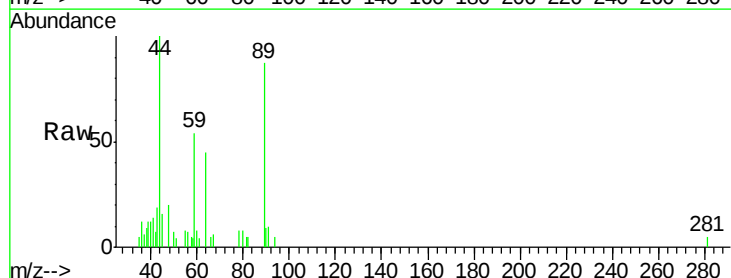
Acq: 08 May 2018 23:21

Tgt Ion: 59 Resp: 1529

Ion Ratio Lower Upper

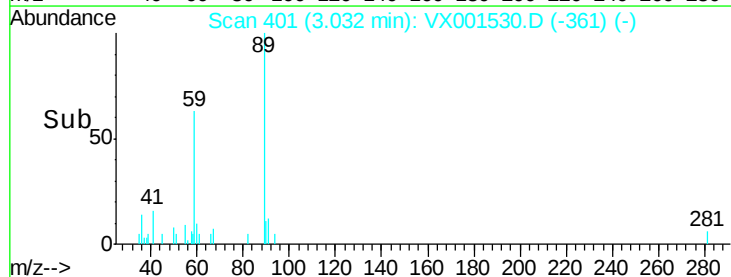
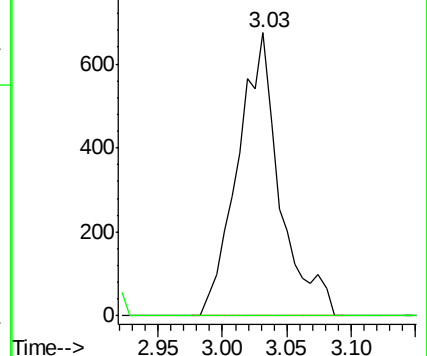
59 100

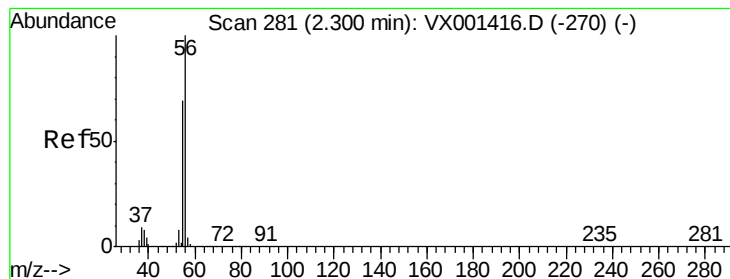
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001530.D

Acq: 08 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

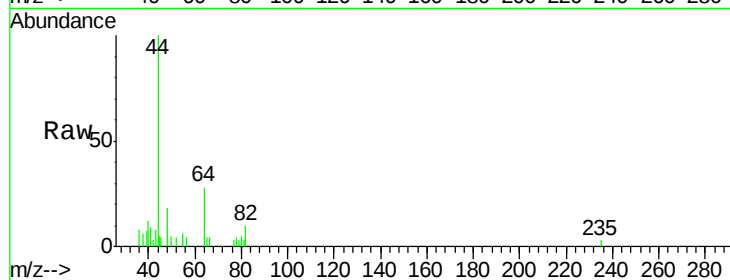
VX0508WBL02

Tgt Ion: 56 Resp: 56

Ion Ratio Lower Upper

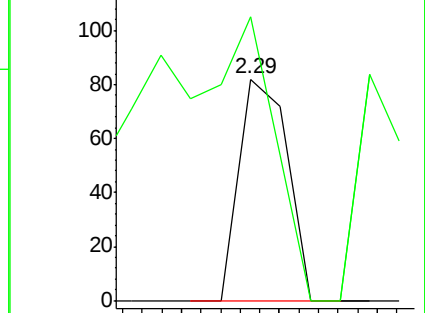
56 100

55 441.1 54.5 81.7#

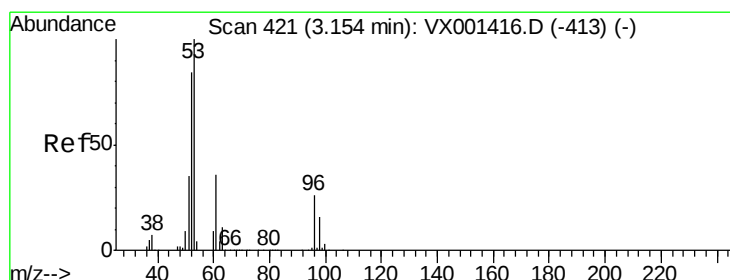
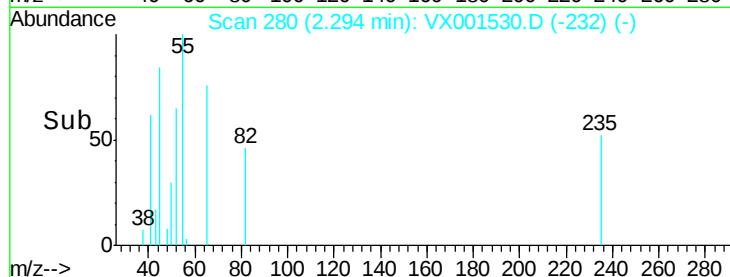


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#15

Acrylonitrile

Concen: 0.27 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001530.D

Acq: 08 May 2018 23:21

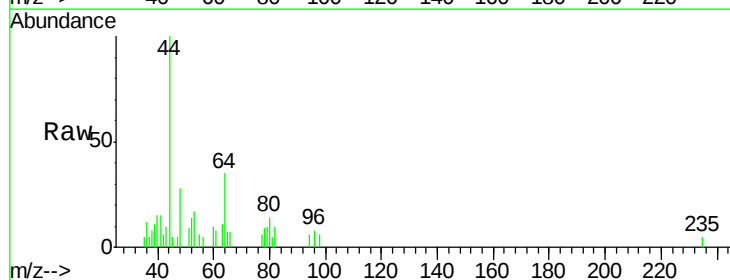
Tgt Ion: 53 Resp: 437

Ion Ratio Lower Upper

53 100

52 81.7 66.2 99.2

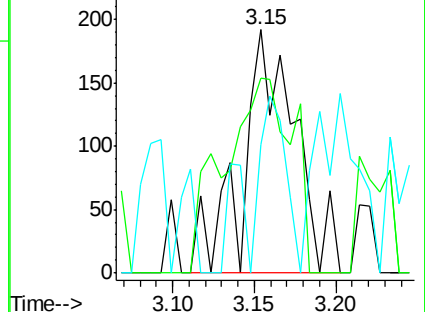
51 35.2 28.6 43.0



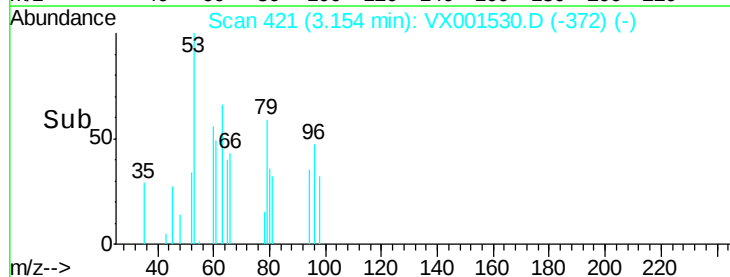
Abundance Ion 53.00 (52.70 to 53.70): VX0

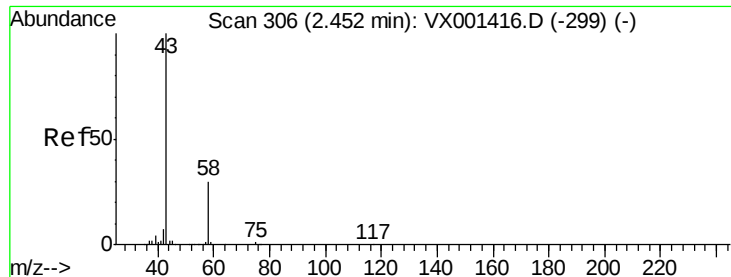
Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->





#16

Acetone

Concen: 0.59 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001530.D

Acq: 08 May 2018 23:21

Instrument :

MSVOA_X

ClientSampled :

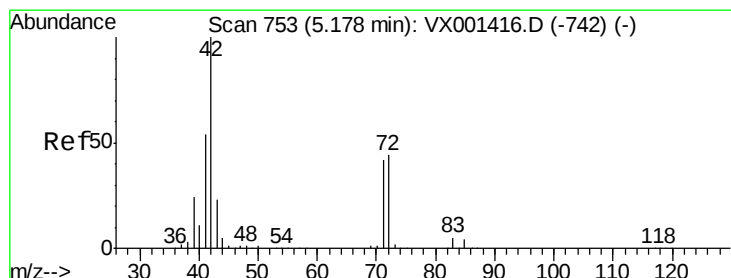
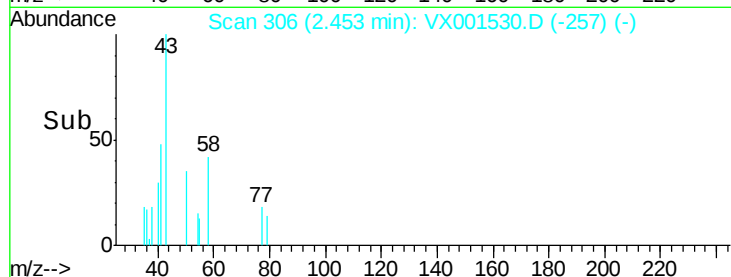
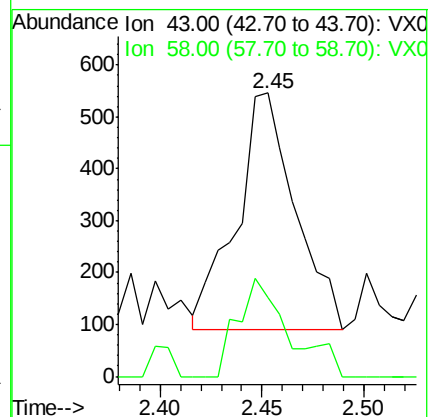
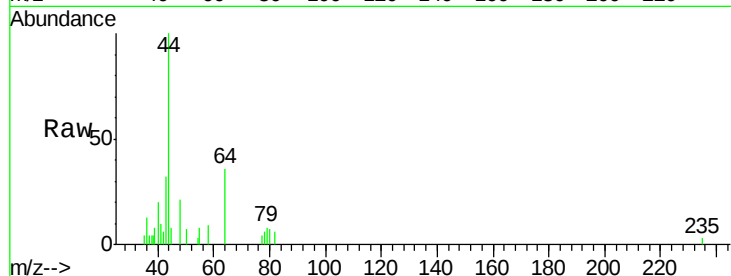
VX0508WBL02

Tgt Ion: 43 Resp: 912

Ion Ratio Lower Upper

43 100

58 33.2 23.8 35.8



#29

Tetrahydrofuran

Concen: 0.36 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001530.D

Acq: 08 May 2018 23:21

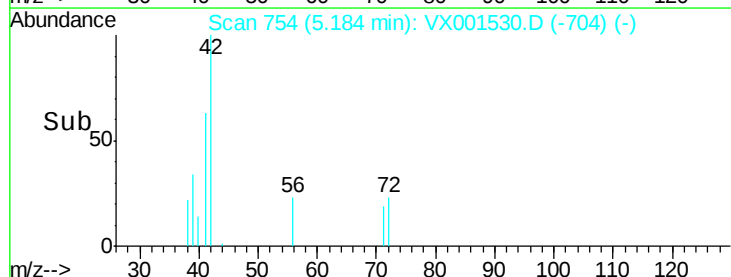
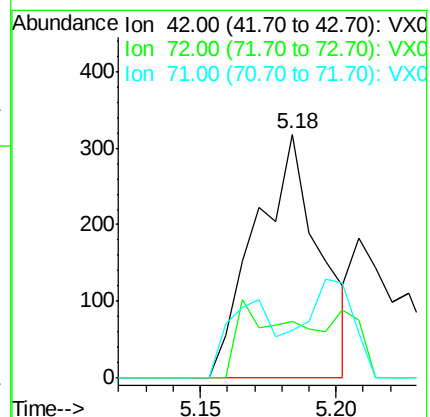
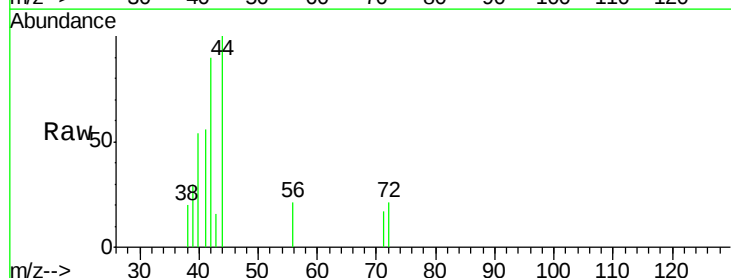
Tgt Ion: 42 Resp: 518

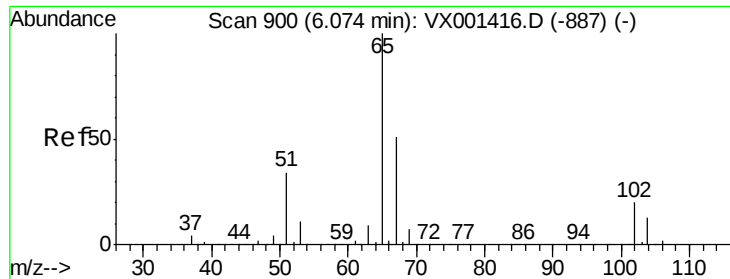
Ion Ratio Lower Upper

42 100

72 0.0 35.4 53.2#

71 27.0 33.0 49.4#





#33

1,2-Dichloroethane-d4

Concen: 56.56 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001530.D

Acq: 08 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

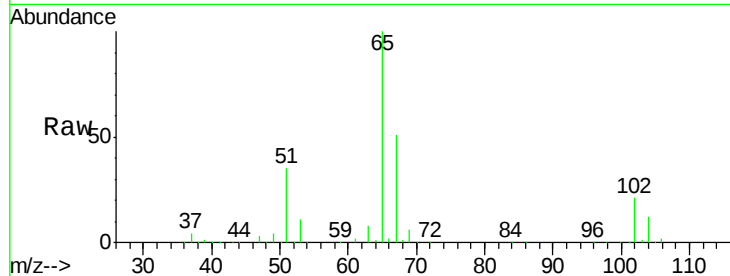
VX0508WBL02

Tgt Ion: 65 Resp: 193043

Ion Ratio Lower Upper

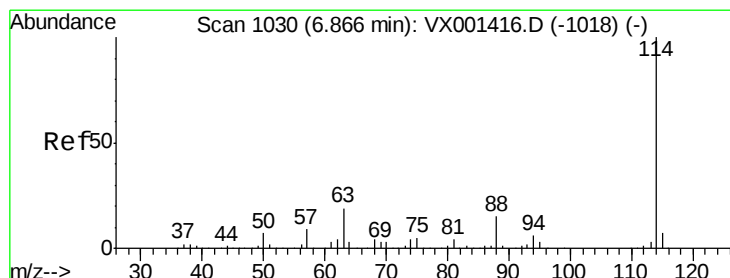
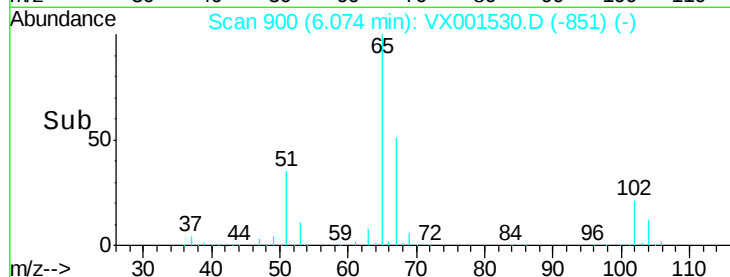
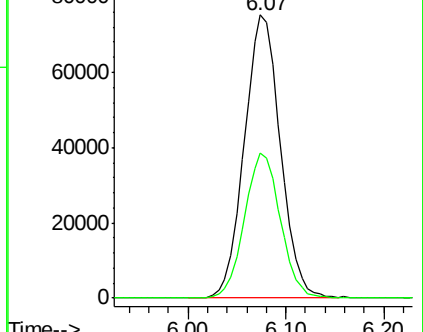
65 100

67 51.1 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: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001530.D

Acq: 08 May 2018 23:21

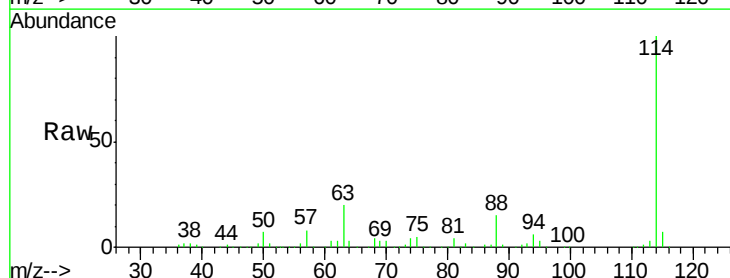
Tgt Ion: 114 Resp: 324728

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

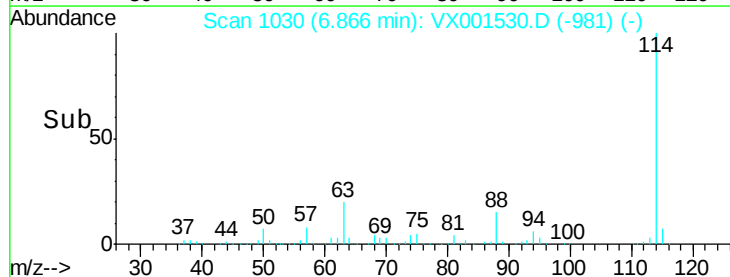
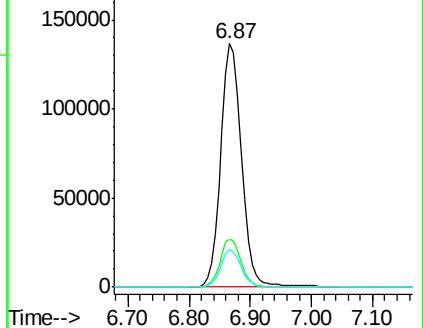
88 15.2 0.0 30.8

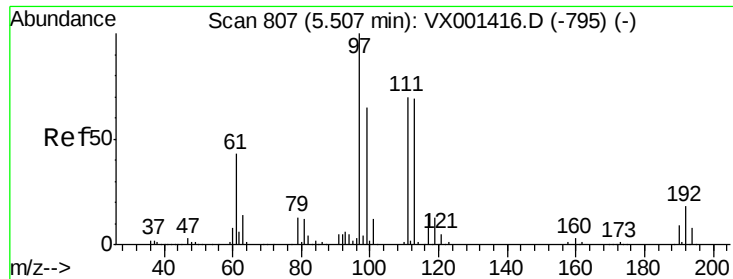


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

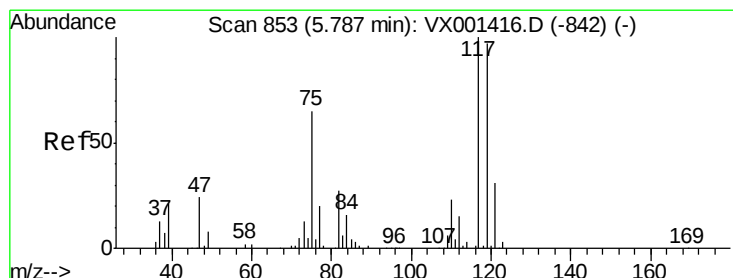
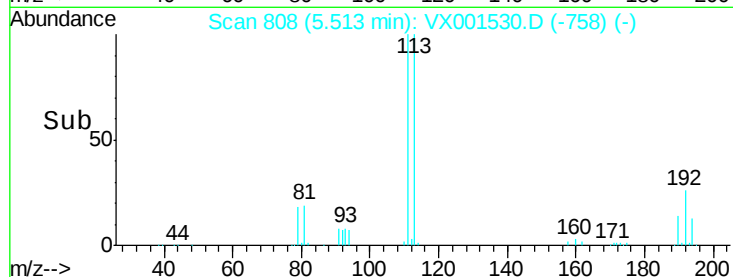
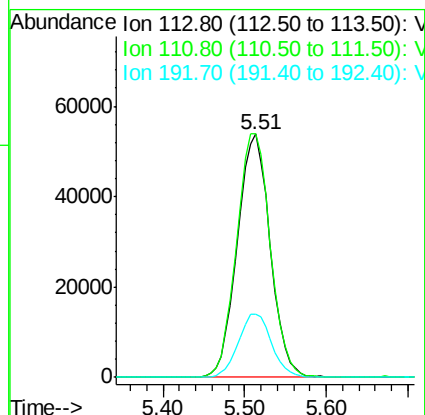
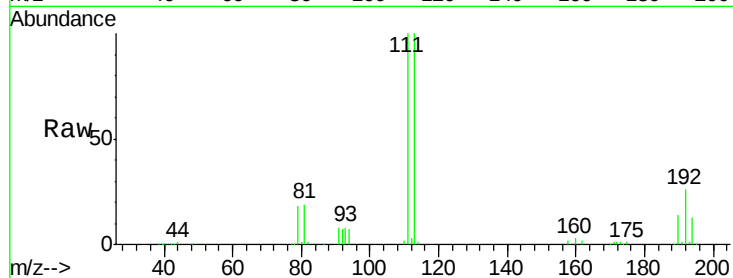




#35
Dibromofluoromethane
Concen: 52.06 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX001530.D
Acq: 08 May 2018 23:21

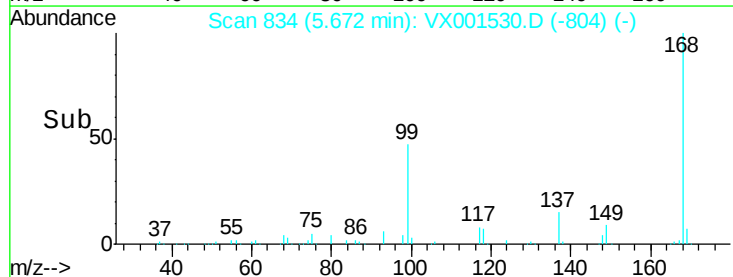
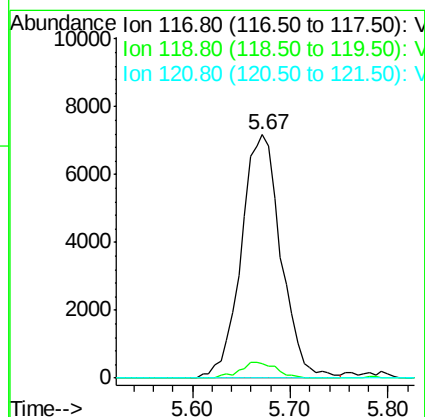
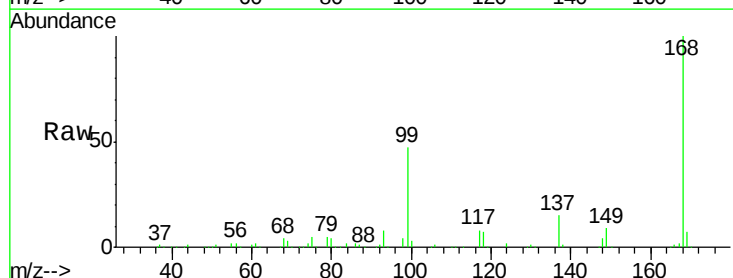
Instrument :
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VX0508WBL02

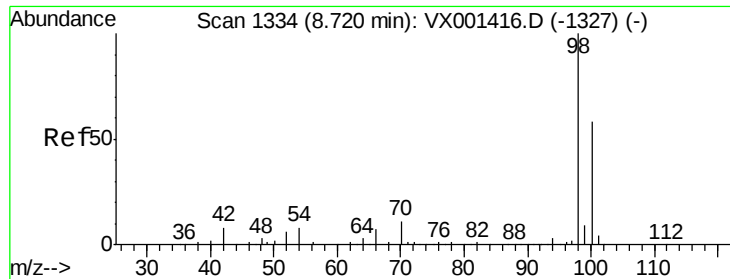
Tgt Ion:113 Resp: 150380
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 26.4 21.4 32.0



#38
Carbon Tetrachloride
Concen: 4.60 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001530.D
Acq: 08 May 2018 23:21

Tgt Ion:117 Resp: 20284
Ion Ratio Lower Upper
117 100
119 5.9 77.0 115.6#
121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 50.74 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001530.D

Acq: 08 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

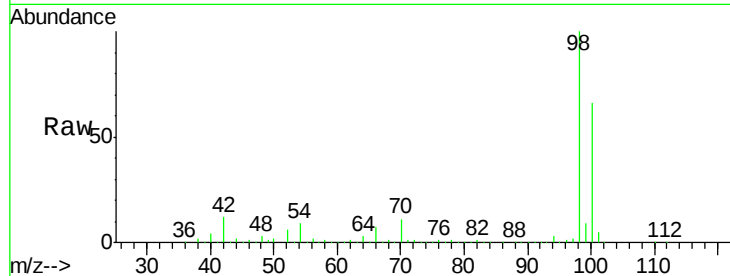
VX0508WBL02

Tgt Ion: 98 Resp: 535011

Ion Ratio Lower Upper

98 100

100 66.3 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

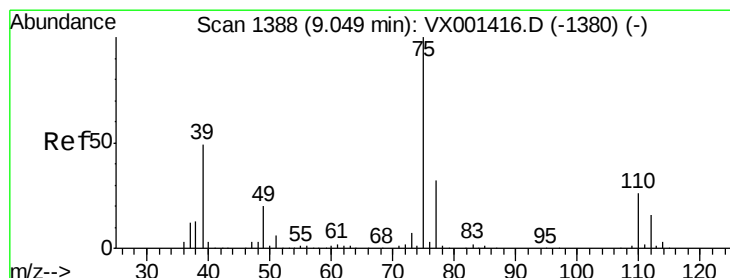
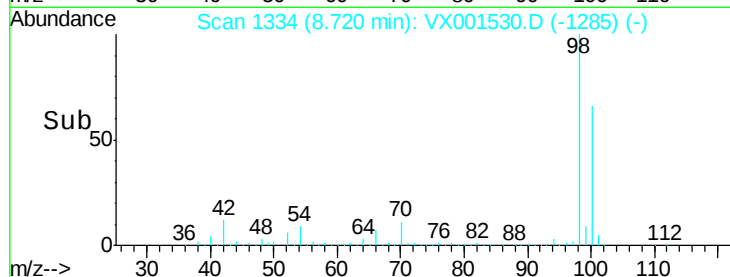
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 2.28 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX001530.D

Acq: 08 May 2018 23:21

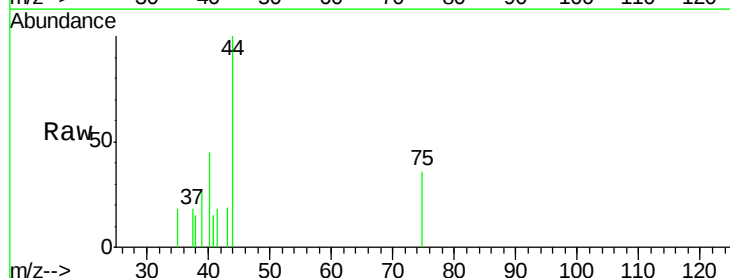
Tgt Ion: 75 Resp: 98

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

39 74.6 38.9 58.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

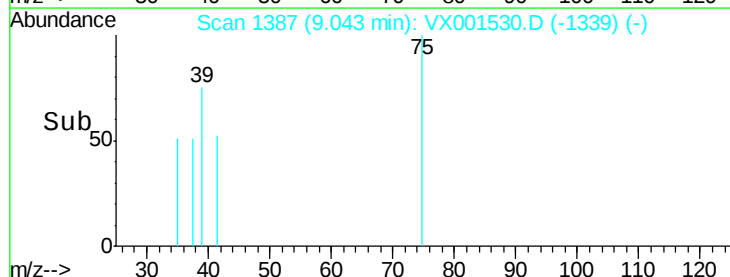
150

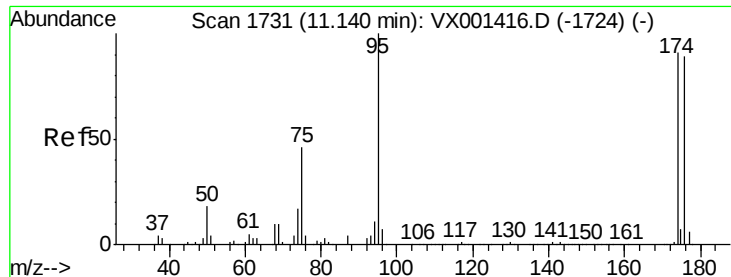
100

50

0

Time-->

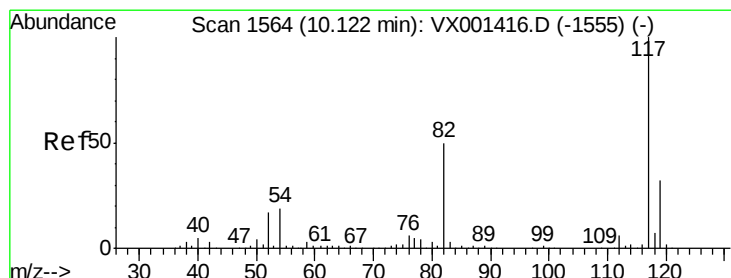
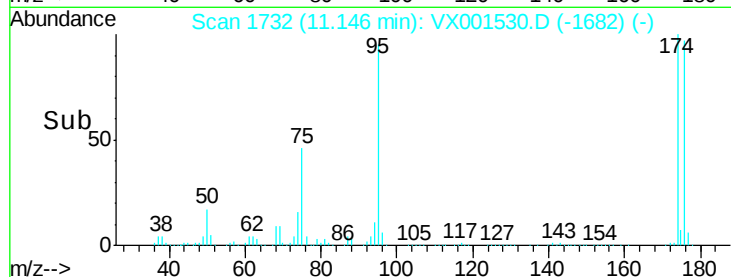
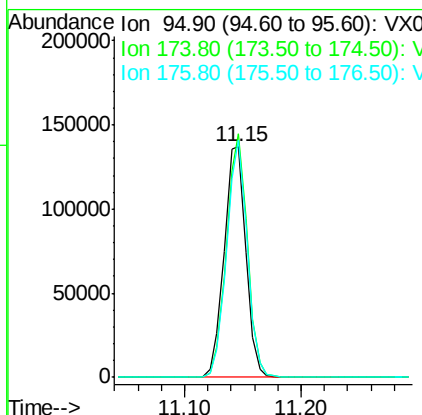
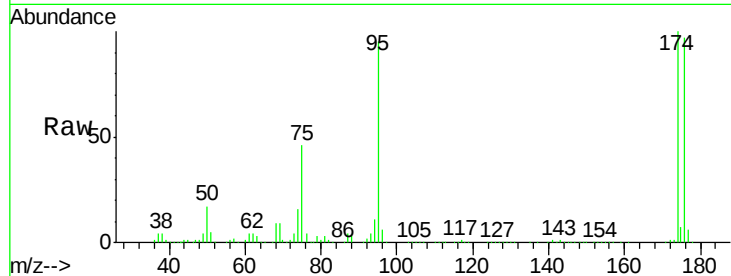




#62
 4-Bromofluorobenzene
 Concen: 43.89 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.01 min
 Lab File: VX001530.D
 Acq: 08 May 2018 23:21

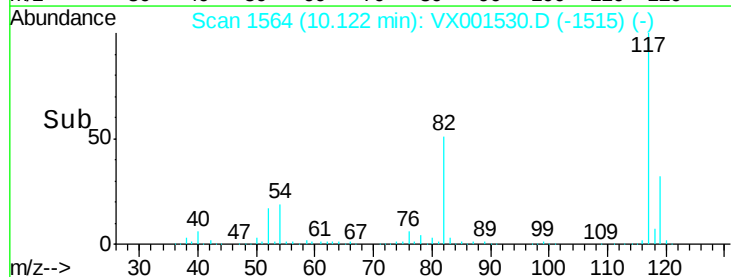
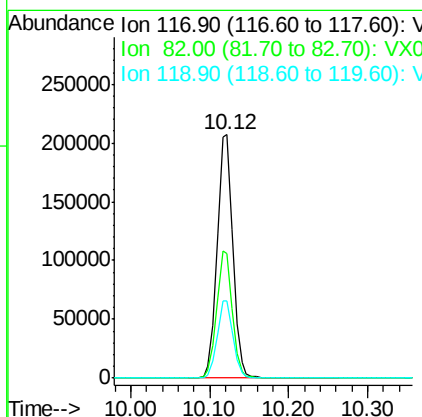
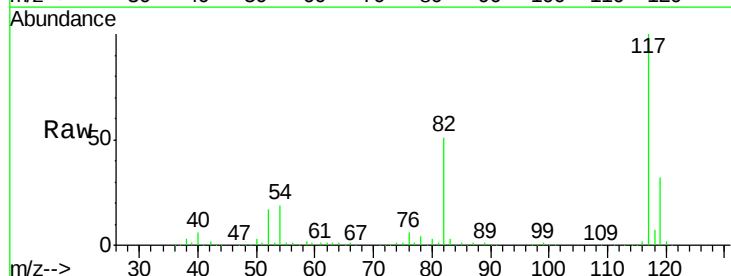
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBL02

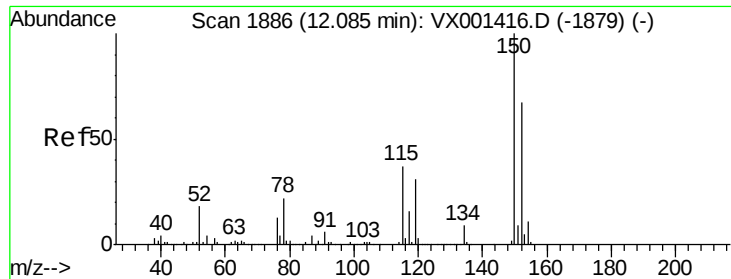
Tgt Ion: 95 Resp: 177623
 Ion Ratio Lower Upper
 95 100
 174 100.8 0.0 202.0
 176 97.6 0.0 197.4



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: VX001530.D
 Acq: 08 May 2018 23:21

Tgt Ion: 117 Resp: 289291
 Ion Ratio Lower Upper
 117 100
 82 51.0 40.0 60.0
 119 32.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001530.D

Acq: 08 May 2018 23:21

Instrument :

MSVOA_X

ClientSampled :

VX0508WBL02

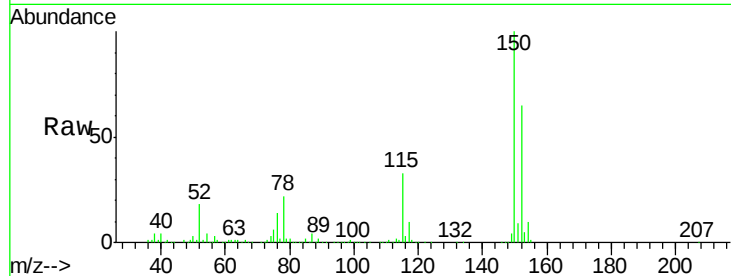
Tgt Ion:152 Resp: 157548

Ion Ratio Lower Upper

152 100

115 52.3 37.7 113.1

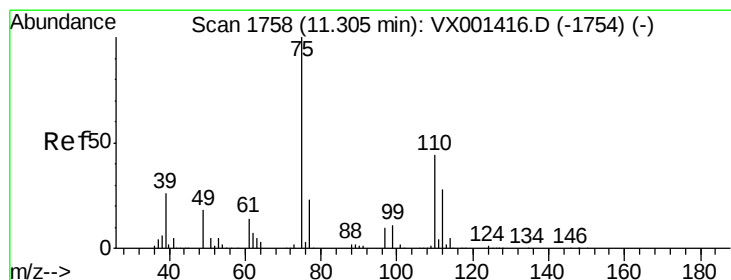
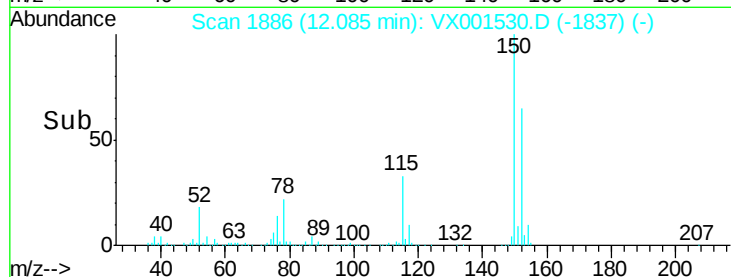
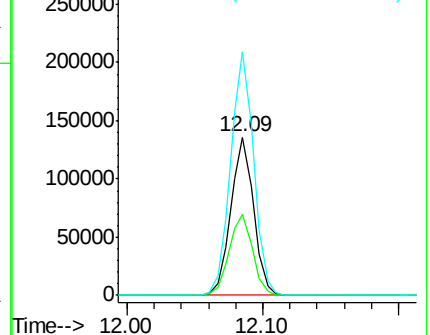
150 156.1 0.0 349.4



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



#76

1,2,3-Trichloropropane

Concen: 27.78 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001530.D

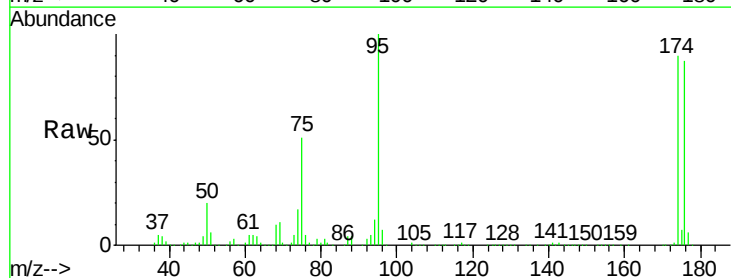
Acq: 08 May 2018 23:21

Tgt Ion: 75 Resp: 88769

Ion Ratio Lower Upper

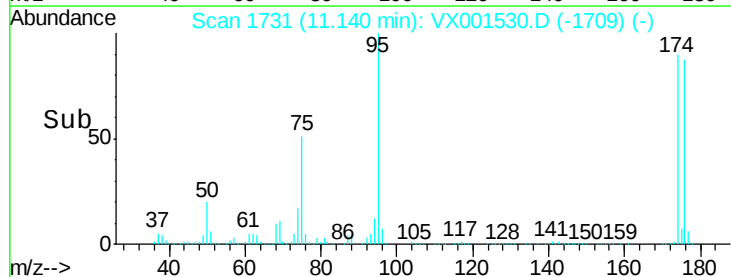
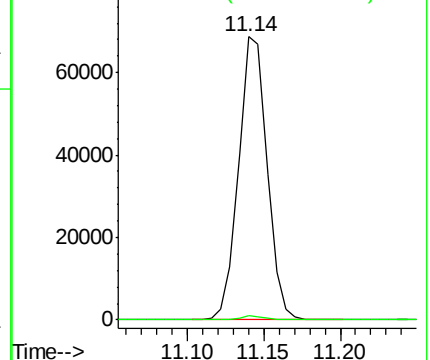
75 100

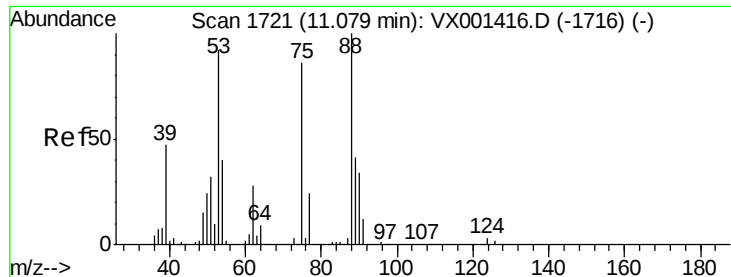
77 1.3 19.6 58.7#



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: 85.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001530.D

Acq: 08 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBL02

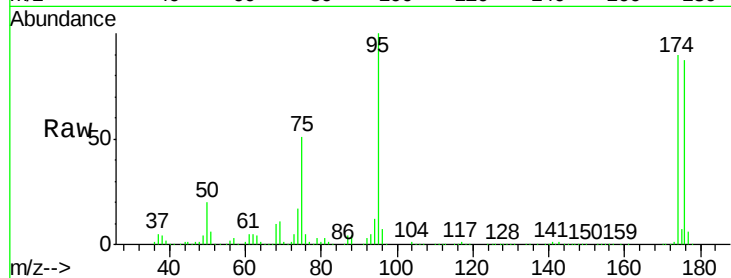
Tgt Ion: 75 Resp: 88769

Ion Ratio Lower Upper

75 100

53 0.0 84.5 126.7#

89 0.0 39.5 59.3#



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

