

Data File : VX001699.D

Acq On : 13 May 2018 05:59

Operator : JC/MD

Sample : PB109200ZHE#15

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#15

Quant Time: May 14 06:12:37 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	276060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	186970	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	183515	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
35) Dibromofluoromethane	5.51	113	147812	43.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.88%	
50) Toluene-d8	8.72	98	529874	43.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.30%	
62) 4-Bromofluorobenzene	11.14	95	169400	35.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.88%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	576	Below Cal	#	69
11) Tert butyl alcohol	3.03	59	2615	3.13	ug/l #	75
13) Acrolein	2.31	56	96	Below Cal		85
16) Acetone	2.45	43	7486	4.15	ug/l	97
18) Methyl Acetate	2.78	43	23529	4.97	ug/l	100
20) Methylene Chloride	2.87	84	2285	0.64	ug/l	94
25) 2-Butanone	4.72	43	2279	0.88	ug/l #	83
29) Tetrahydrofuran	5.18	42	631	0.38	ug/l #	91
31) Cyclohexane	5.67	56	4591	0.90	ug/l #	12
36) 1,1-Dichloropropene	5.67	75	16633	3.46	ug/l #	49
38) Carbon Tetrachloride	5.67	117	23800	4.64	ug/l #	16
54) cis-1,3-Dichloropropene	9.15	75	19	2.27	ug/l #	34
76) 1,2,3-Trichloropropane	11.14	75	82101	21.65	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	82101	67.40	ug/l #	7

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

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Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#15

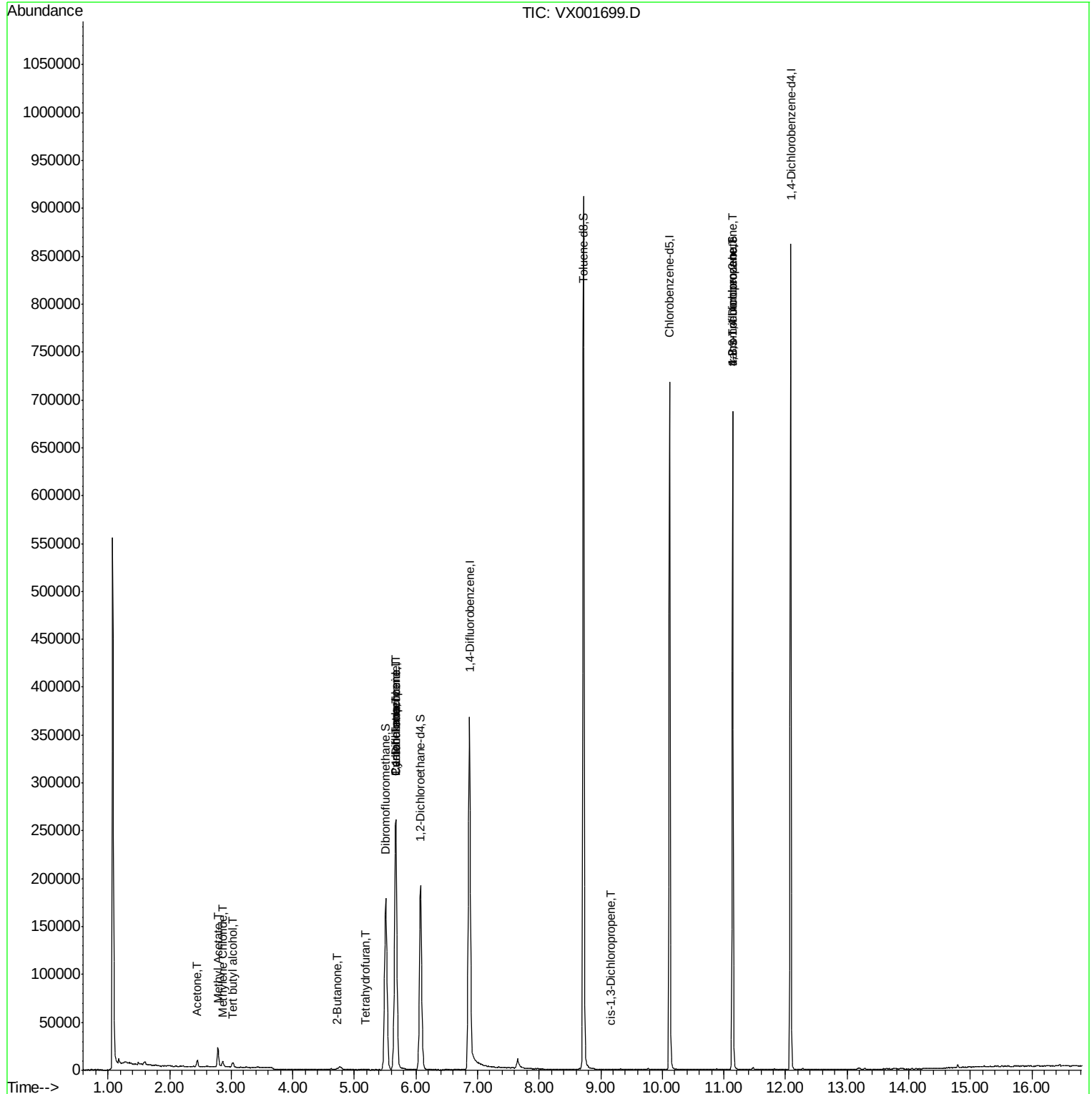
Quant Time: May 14 06:12:37 2018

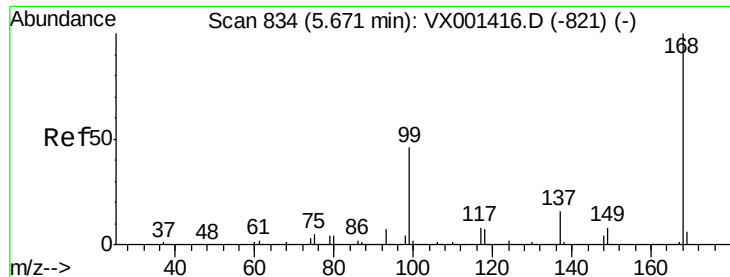
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001699.D

Acq: 13 May 2018 05:59

Instrument :

MSVOA_X

ClientSampleId :

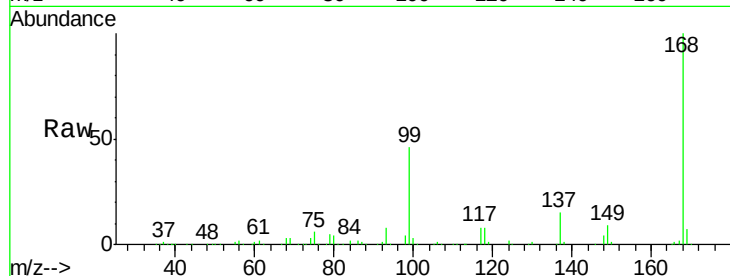
PB109200ZHE#15

Tgt Ion:168 Resp: 276060

Ion Ratio Lower Upper

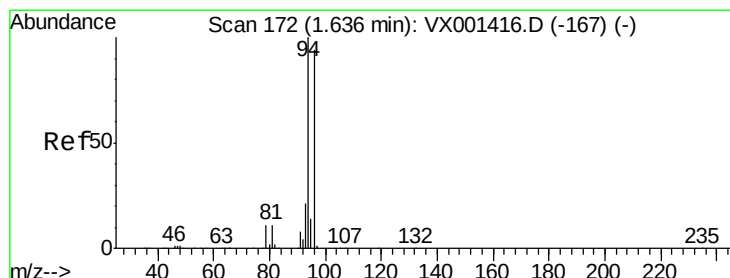
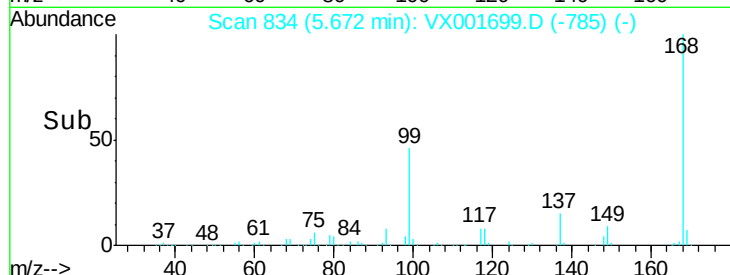
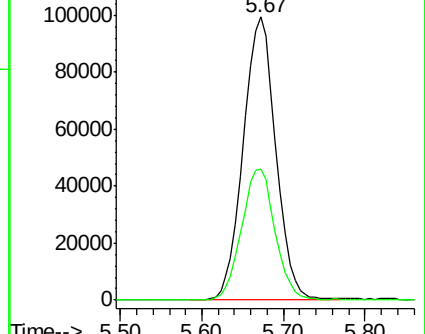
168 100

99 46.2 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: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001699.D

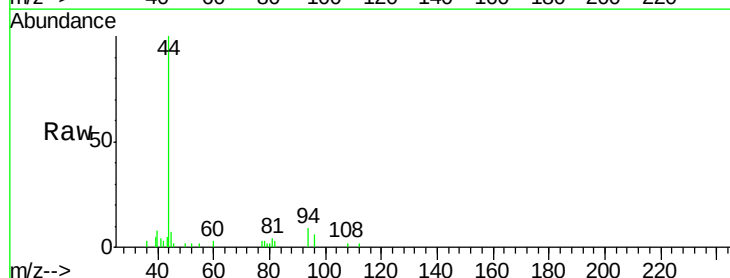
Acq: 13 May 2018 05:59

Tgt Ion: 94 Resp: 576

Ion Ratio Lower Upper

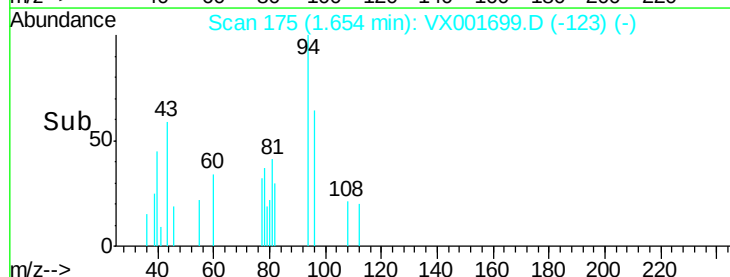
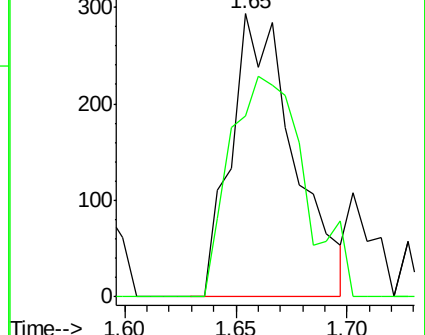
94 100

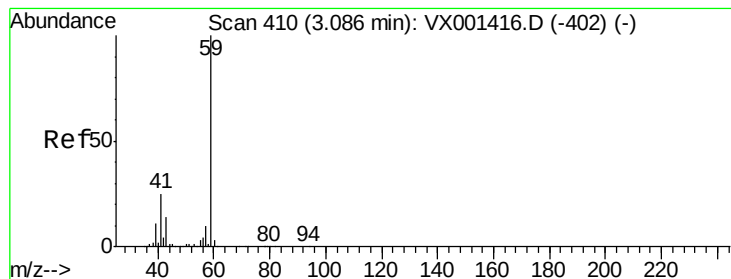
96 63.8 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#11

Tert butyl alcohol

Concen: 3.13 ug/l

RT: 3.03 min Scan# 400

Delta R.T. -0.06 min

Lab File: VX001699.D

Acq: 13 May 2018 05:59

Instrument :

MSVOA_X

ClientSampleId :

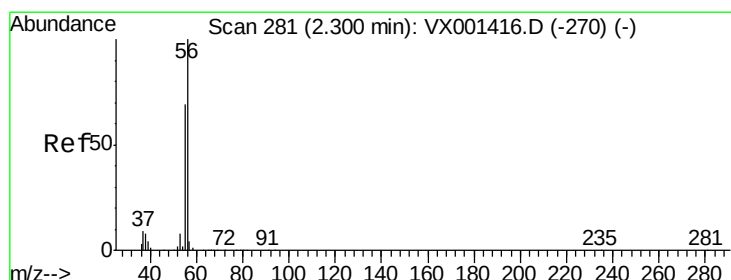
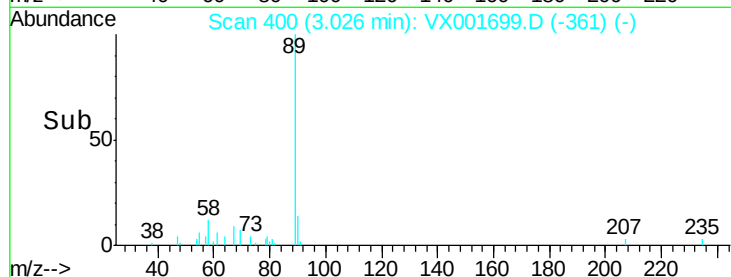
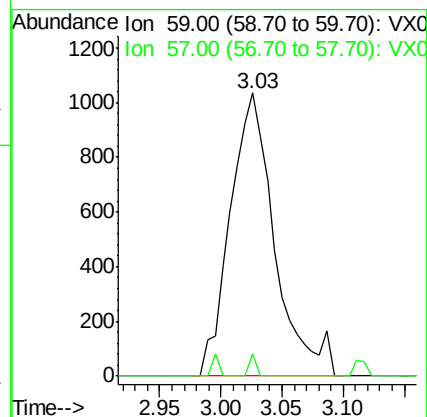
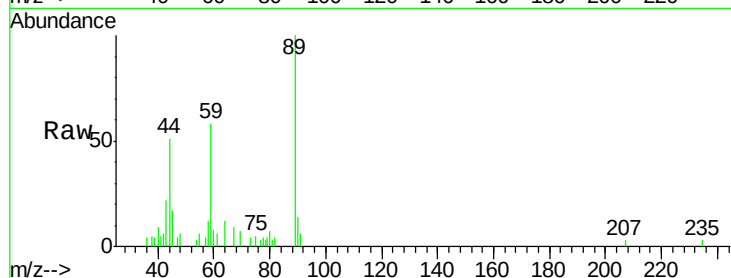
PB109200ZHE#15

Tgt Ion: 59 Resp: 2615

Ion Ratio Lower Upper

59 100

57 1.1 8.2 12.4#



#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX001699.D

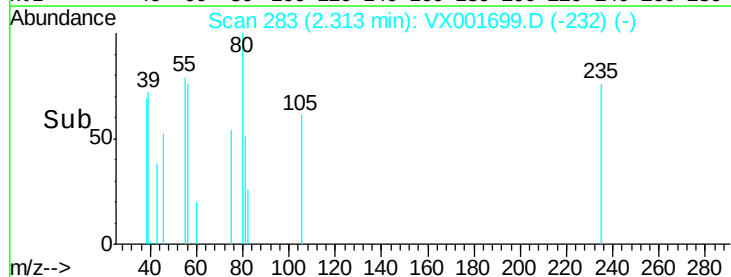
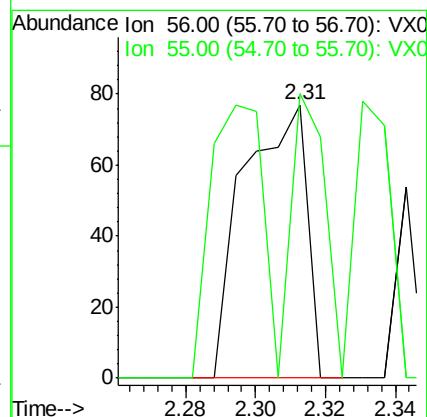
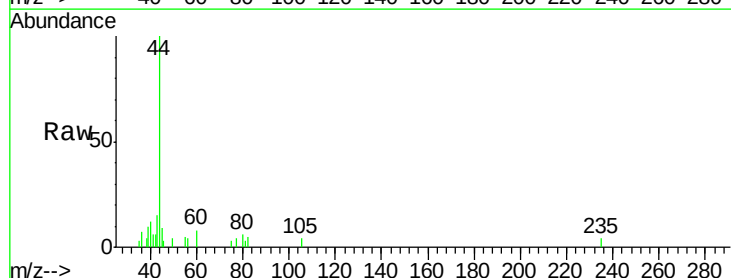
Acq: 13 May 2018 05:59

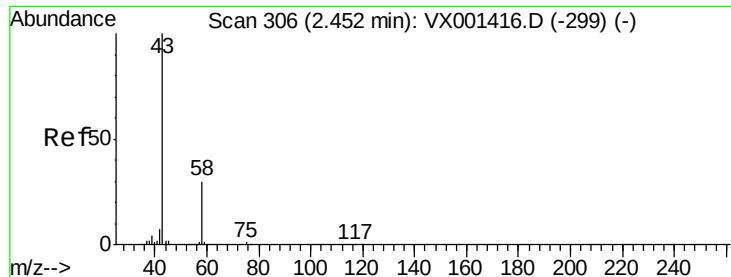
Tgt Ion: 56 Resp: 96

Ion Ratio Lower Upper

56 100

55 56.3 54.5 81.7





#16

Acetone

Concen: 4.15 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001699.D

Acq: 13 May 2018 05:59

Instrument :

MSVOA_X

ClientSampleId :

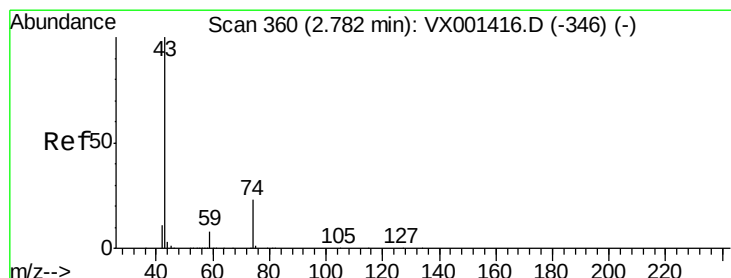
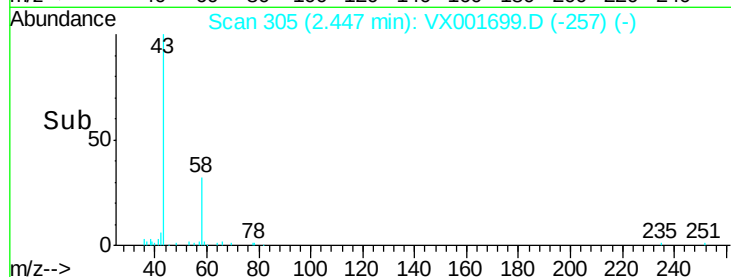
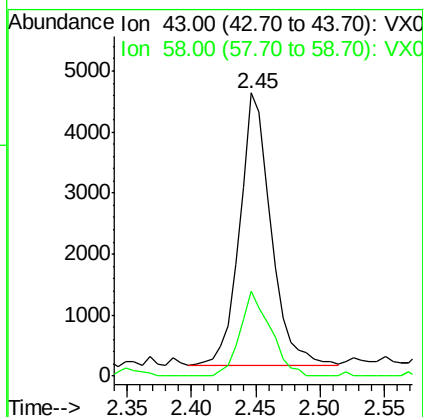
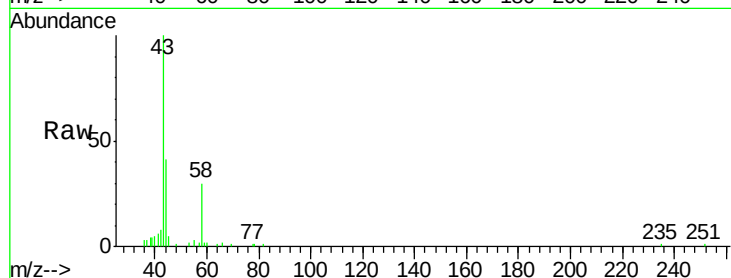
PB109200ZHE#15

Tgt Ion: 43 Resp: 7486

Ion Ratio Lower Upper

43 100

58 31.3 23.8 35.8



#18

Methyl Acetate

Concen: 4.97 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001699.D

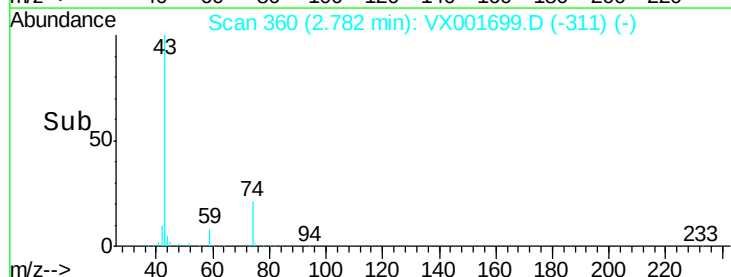
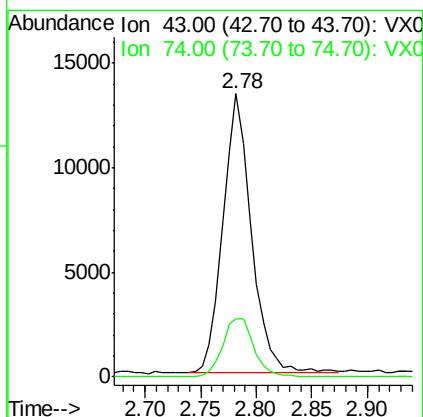
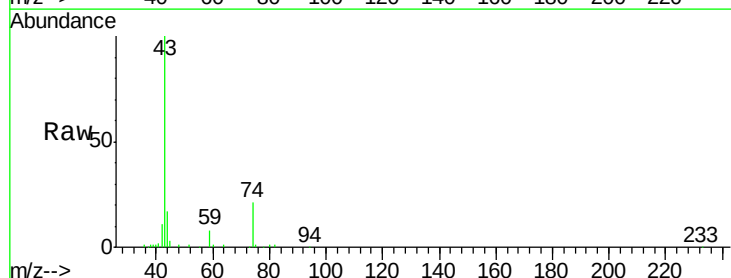
Acq: 13 May 2018 05:59

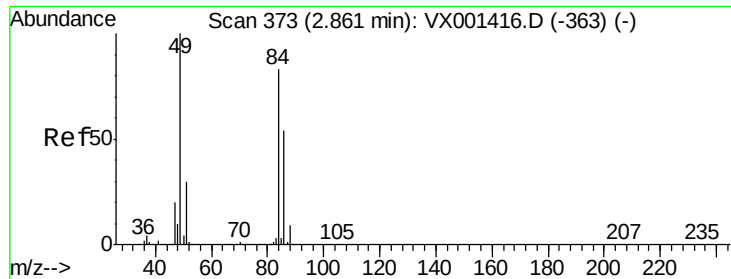
Tgt Ion: 43 Resp: 23529

Ion Ratio Lower Upper

43 100

74 23.2 18.6 27.8

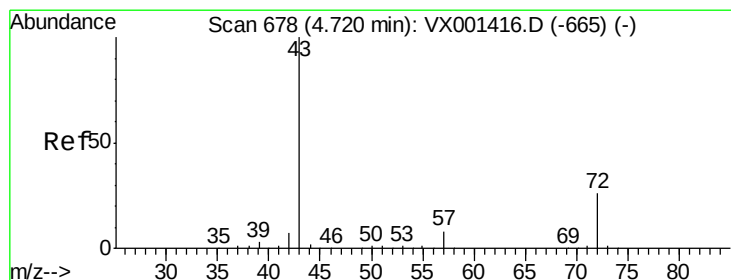
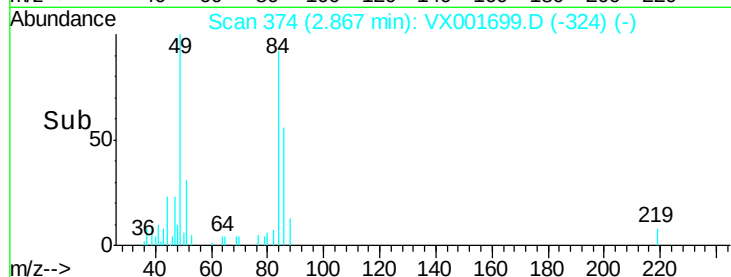
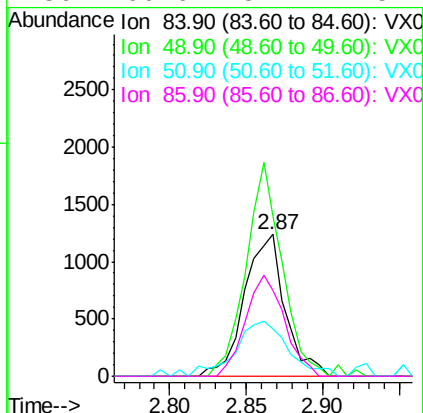
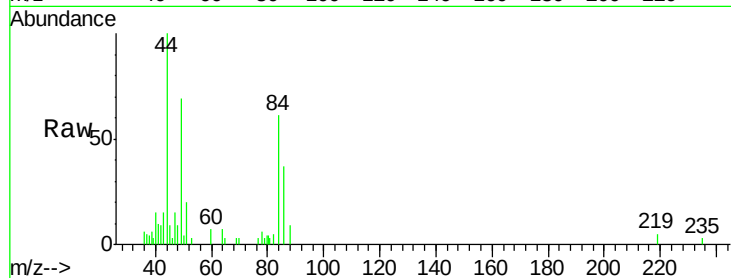




#20
Methylene Chloride
Concen: 0.64 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX001699.D
Acq: 13 May 2018 05:59

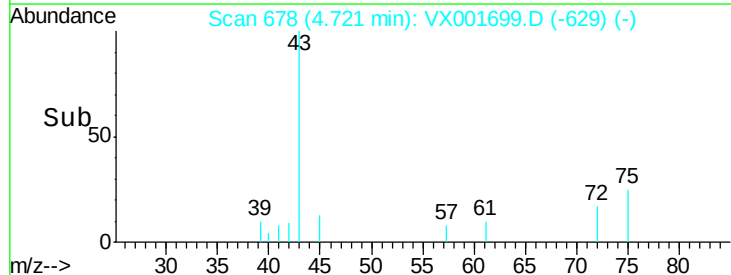
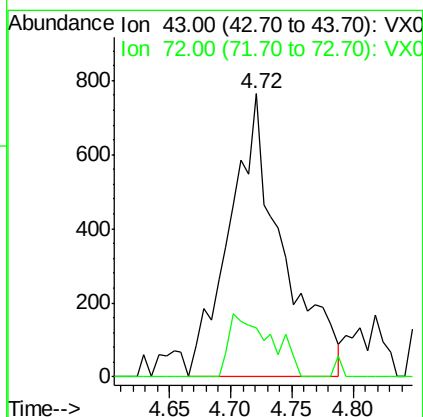
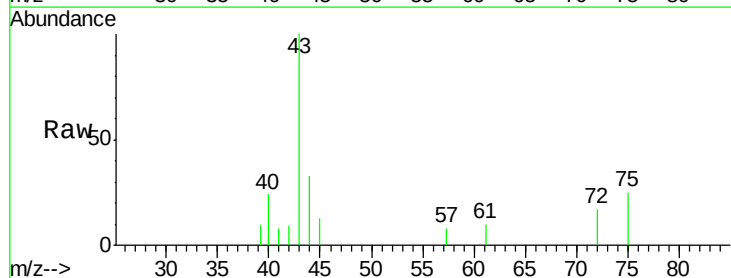
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#15

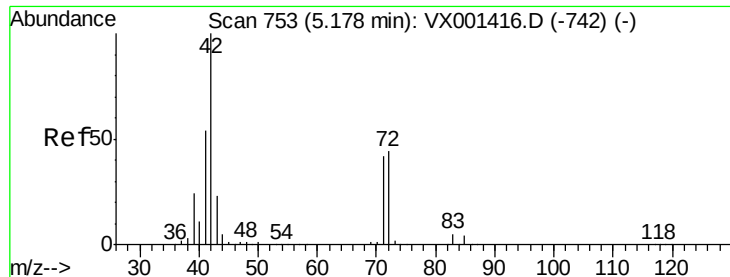
Tgt Ion:	84	Resp:	2285
Ion	Ratio	Lower	Upper
84	100		
49	112.7	96.6	144.8
51	33.3	29.0	43.4
86	60.6	52.2	78.4



#25
2-Butanone
Concen: 0.88 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.00 min
Lab File: VX001699.D
Acq: 13 May 2018 05:59

Tgt Ion:	43	Resp:	2279
Ion	Ratio	Lower	Upper
43	100		
72	17.3	20.7	31.1#

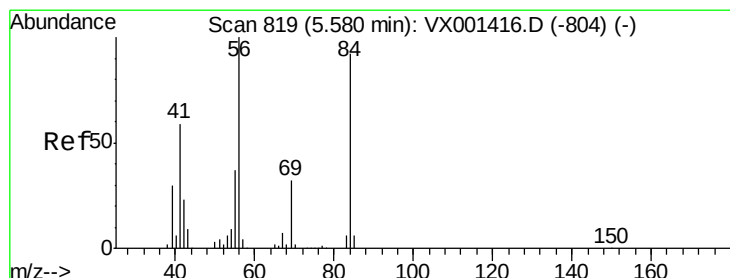
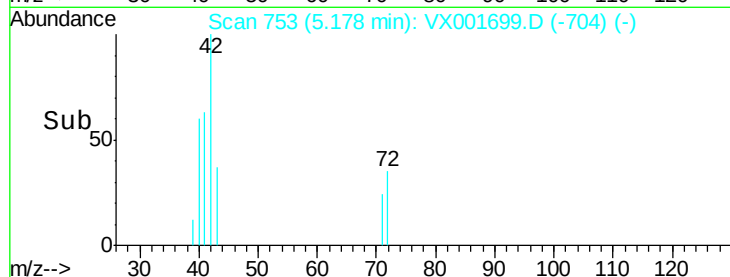
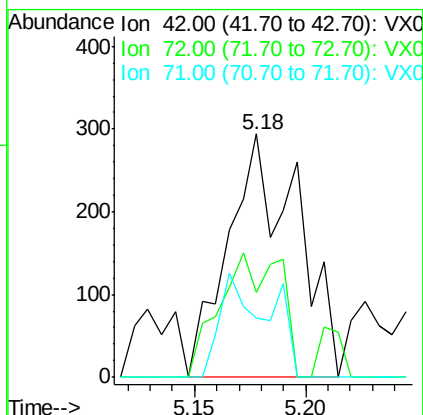
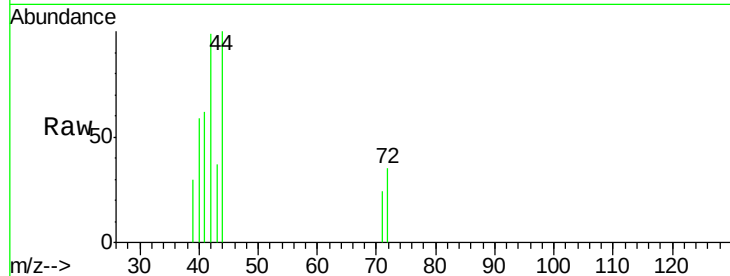




#29
Tetrahydrofuran
Concen: 0.38 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001699.D
Acq: 13 May 2018 05:59

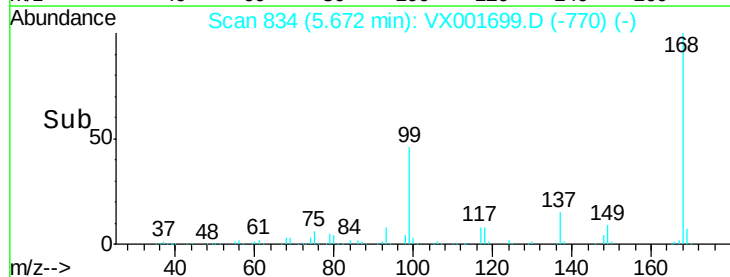
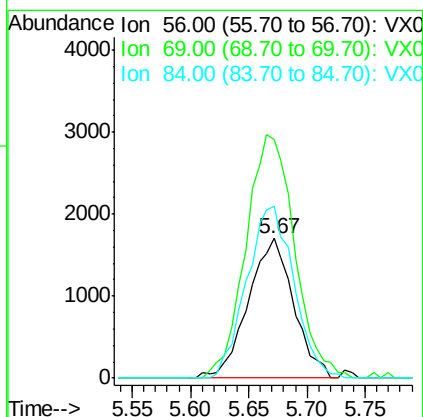
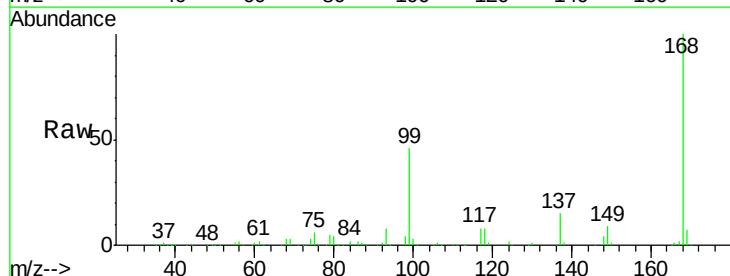
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#15

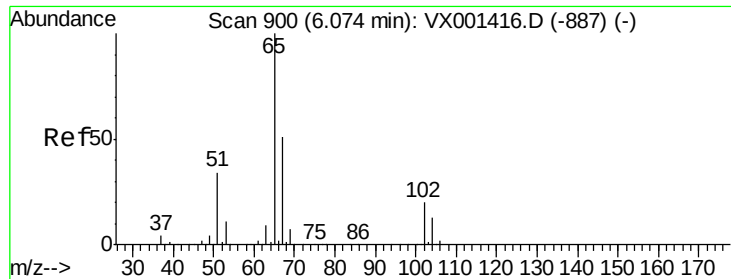
Tgt Ion: 42 Resp: 631
Ion Ratio Lower Upper
42 100
72 45.3 35.4 53.2
71 30.0 33.0 49.4#



#31
Cyclohexane
Concen: 0.90 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001699.D
Acq: 13 May 2018 05:59

Tgt Ion: 56 Resp: 4591
Ion Ratio Lower Upper
56 100
69 171.2 25.4 38.0#
84 123.4 73.8 110.8#

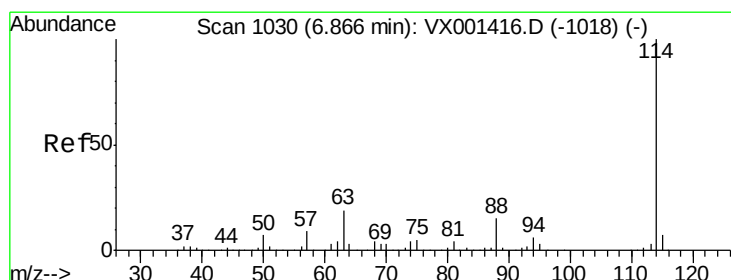
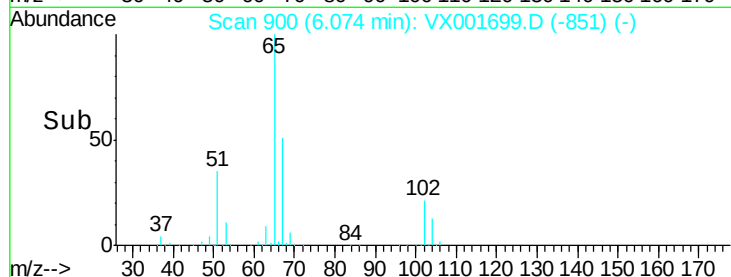
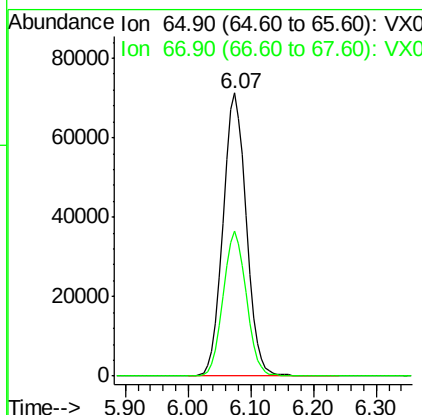
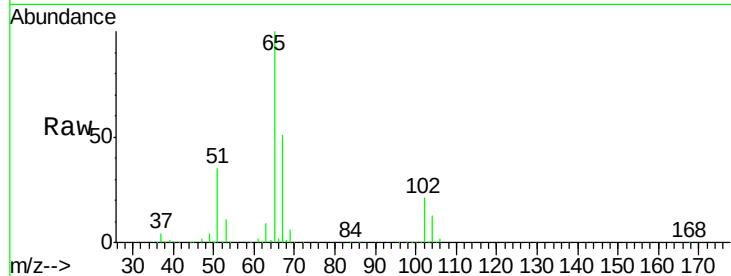




#33
 1,2-Dichloroethane-d4
 Concen: 46.25 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001699.D
 Acq: 13 May 2018 05:59

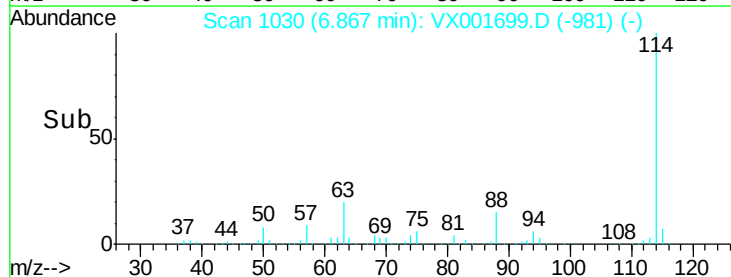
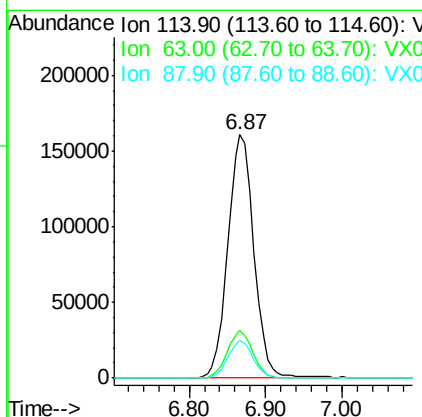
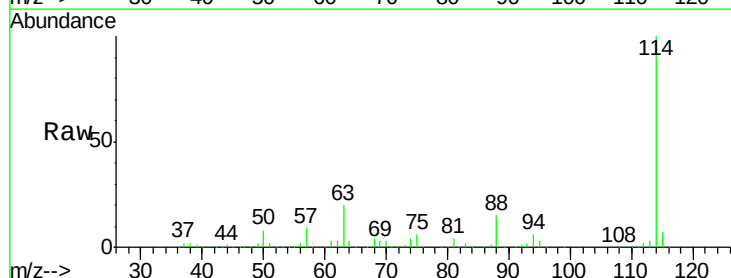
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#15

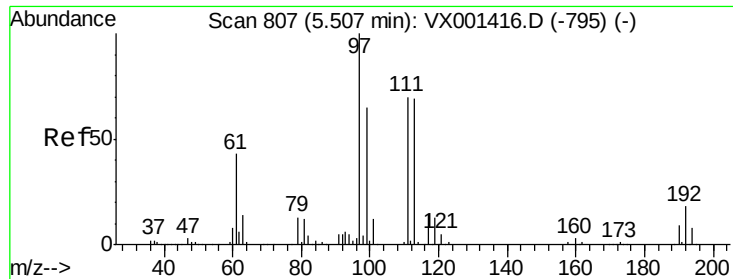
Tgt Ion: 65 Resp: 183515
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001699.D
 Acq: 13 May 2018 05:59

Tgt Ion: 114 Resp: 378206
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.2 0.0 30.8

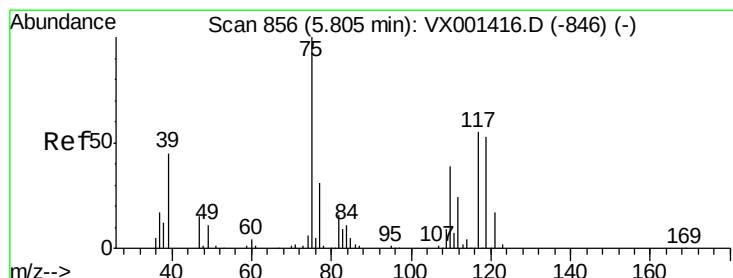
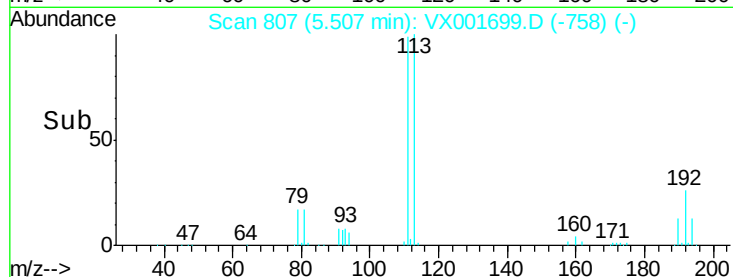
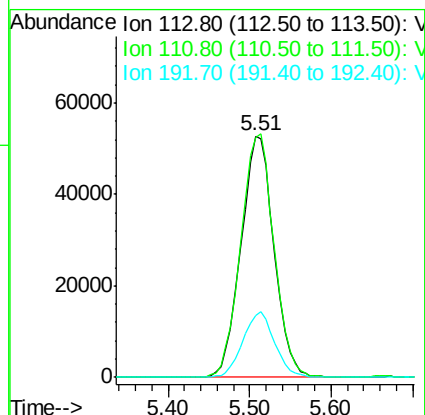
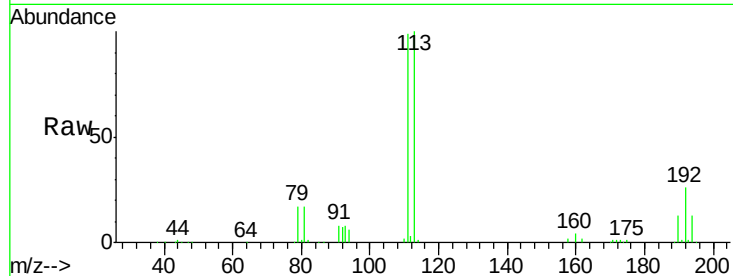




#35
 Dibromofluoromethane
 Concen: 43.94 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001699.D
 Acq: 13 May 2018 05:59

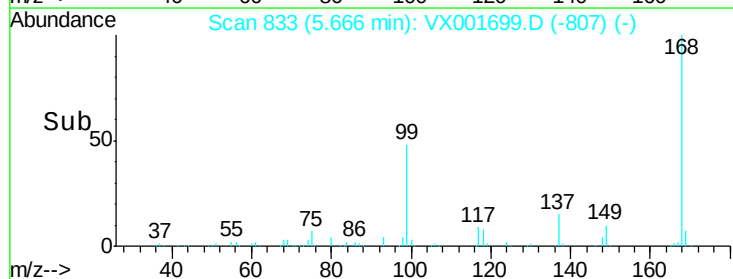
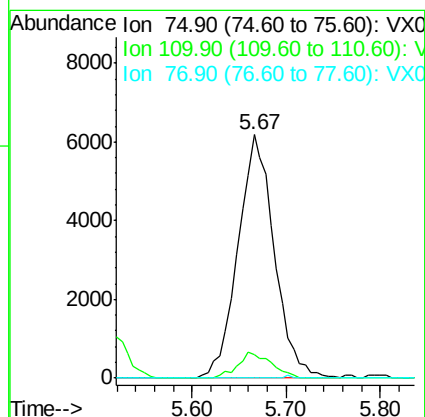
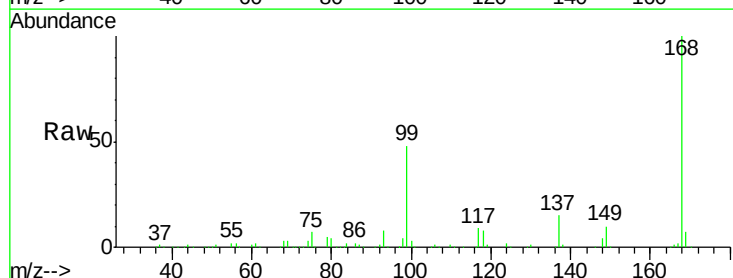
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#15

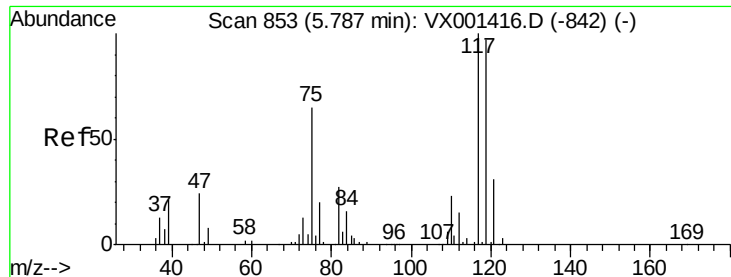
Tgt Ion:113 Resp: 147812
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 26.2 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.46 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001699.D
 Acq: 13 May 2018 05:59

Tgt Ion: 75 Resp: 16633
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.9 56.7#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 4.64 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001699.D

Acq: 13 May 2018 05:59

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#15

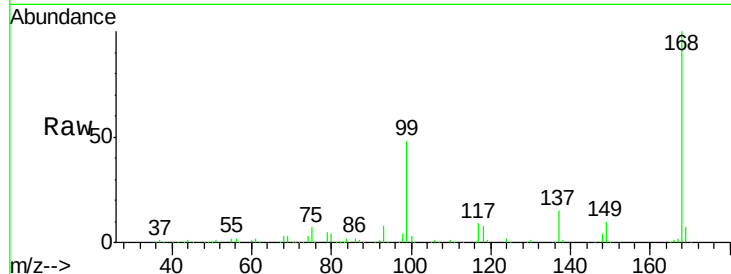
Tgt Ion: 117 Resp: 23800

Ion Ratio Lower Upper

117 100

119 5.7 77.0 115.6#

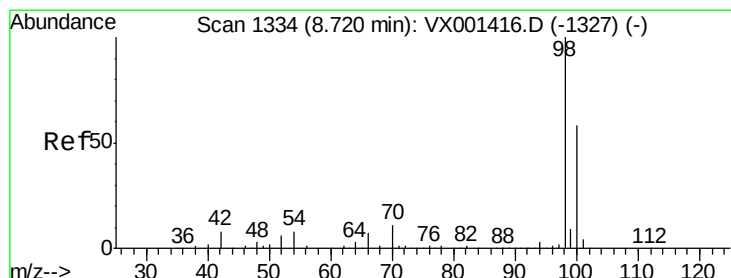
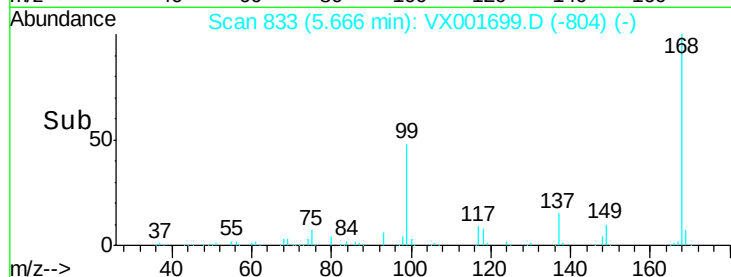
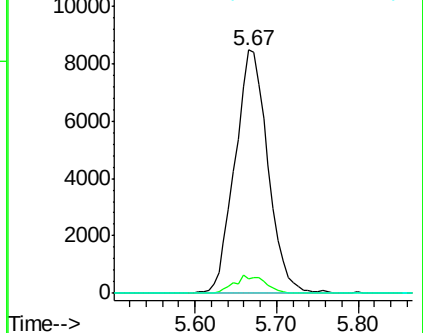
121 0.0 25.1 37.7#



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: 43.15 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001699.D

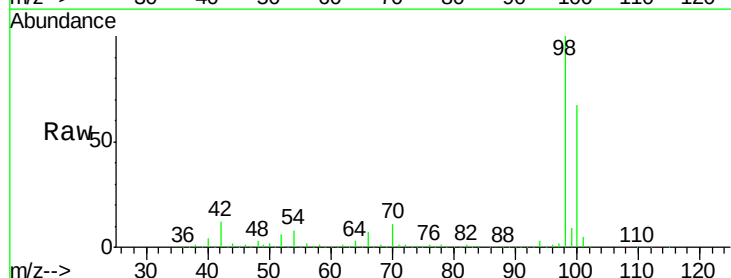
Acq: 13 May 2018 05:59

Tgt Ion: 98 Resp: 529874

Ion Ratio Lower Upper

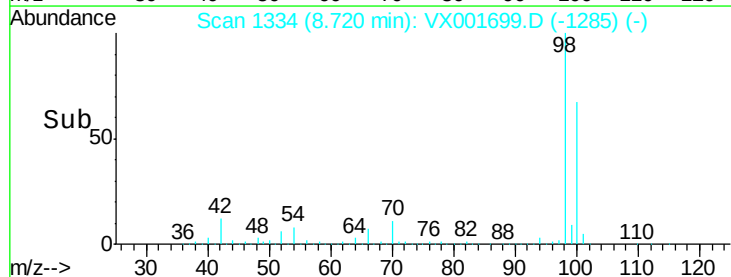
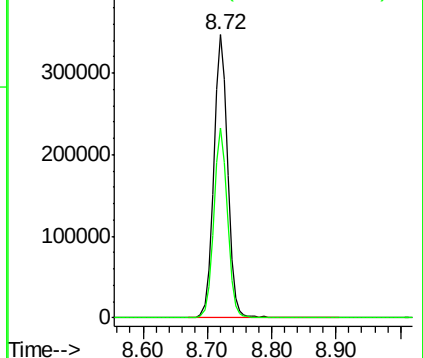
98 100

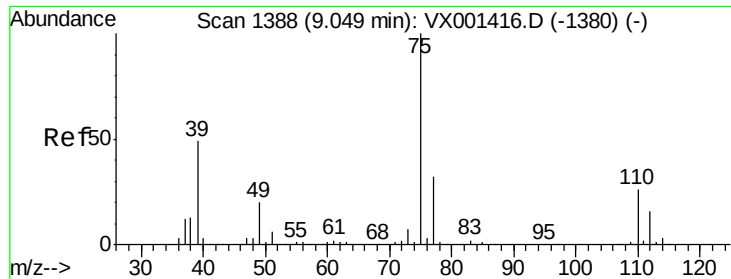
100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

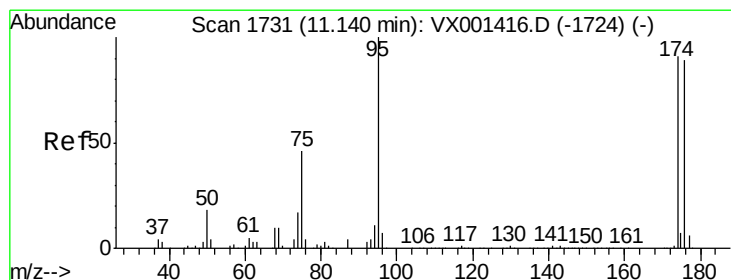
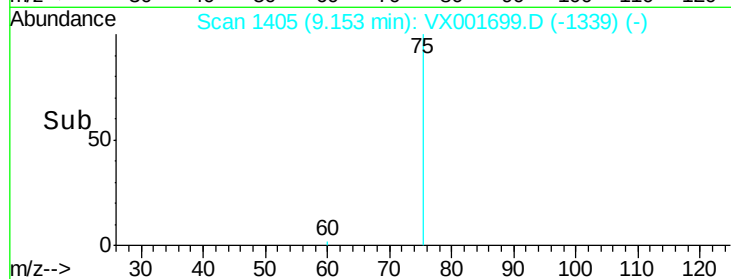
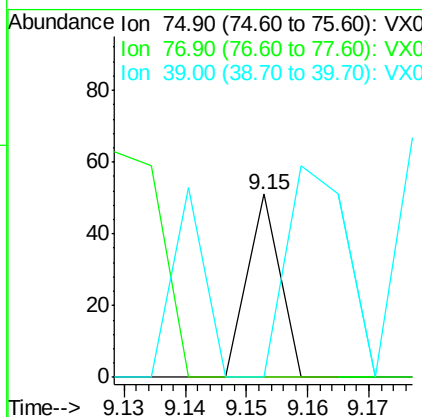
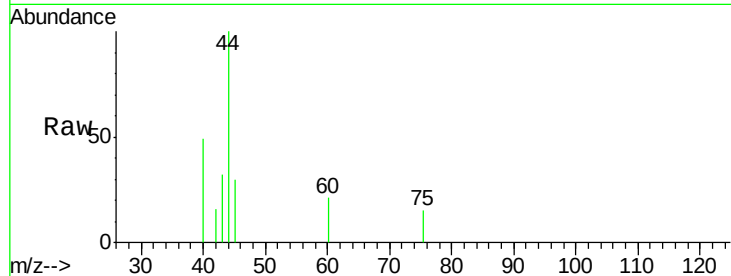




#54
 cis-1,3-Dichloropropene
 Concen: 2.27 ug/l
 RT: 9.15 min Scan# 1405
 Delta R.T. 0.10 min
 Lab File: VX001699.D
 Acq: 13 May 2018 05:59

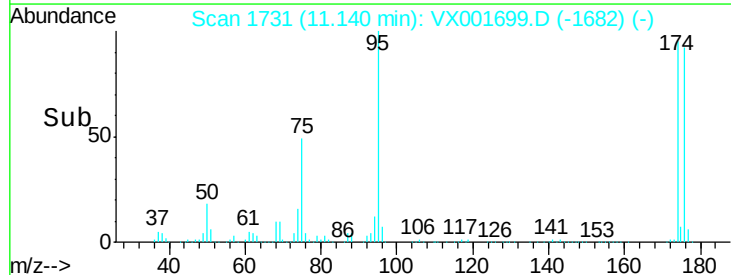
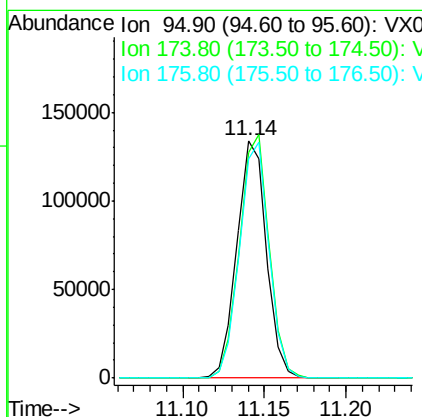
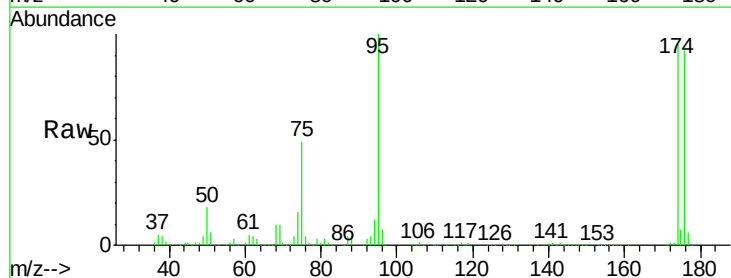
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#15

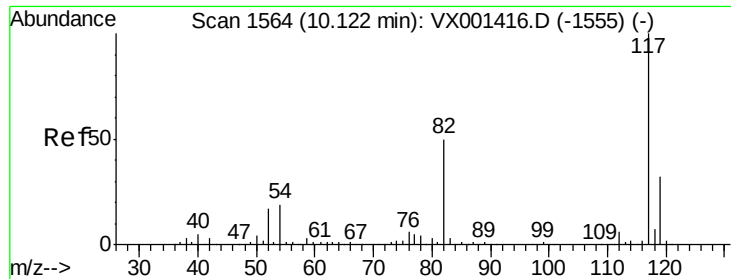
Tgt Ion: 75 Resp: 19
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 0.0 38.9 58.3#



#62
 4-Bromofluorobenzene
 Concen: 35.94 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001699.D
 Acq: 13 May 2018 05:59

Tgt Ion: 95 Resp: 169400
 Ion Ratio Lower Upper
 95 100
 174 103.3 0.0 202.0
 176 99.4 0.0 197.4

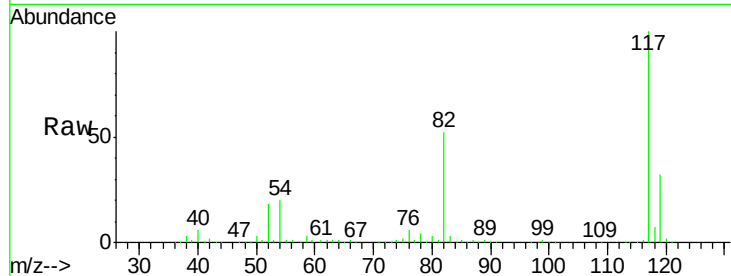




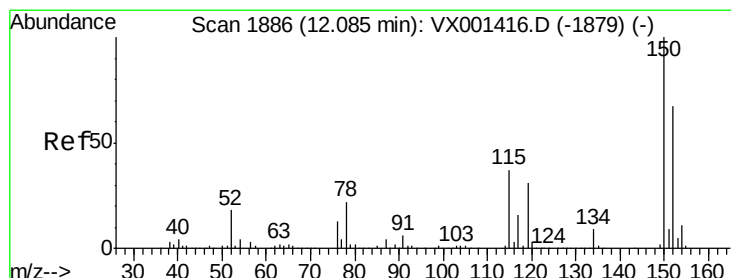
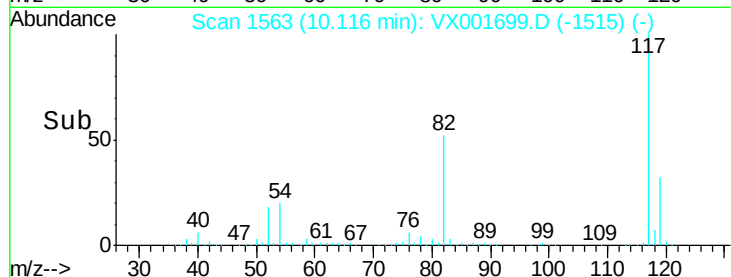
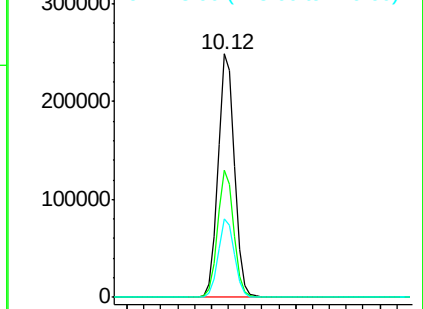
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001699.D
Acq: 13 May 2018 05:59

Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#15

Tgt Ion:117 Resp: 336115
Ion Ratio Lower Upper
117 100
82 52.0 40.0 60.0
119 32.3 25.8 38.8

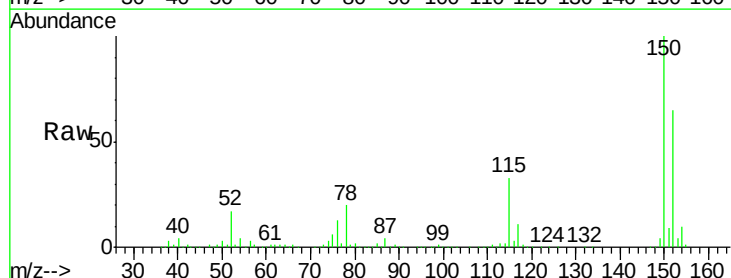


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

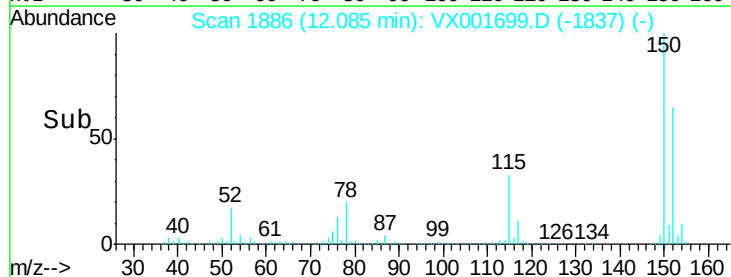
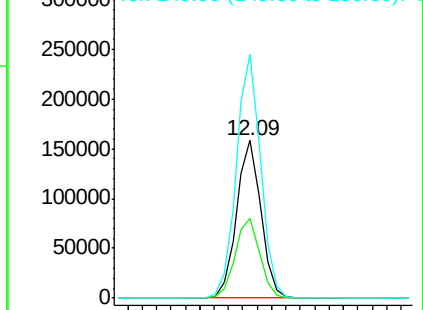


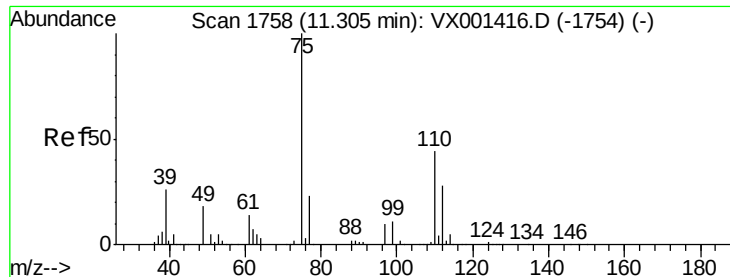
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001699.D
Acq: 13 May 2018 05:59

Tgt Ion:152 Resp: 186970
Ion Ratio Lower Upper
152 100
115 51.3 37.7 113.1
150 154.3 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





#76

1,2,3-Trichloropropane

Concen: 21.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001699.D

Acq: 13 May 2018 05:59

Instrument :

MSVOA_X

ClientSampleId :

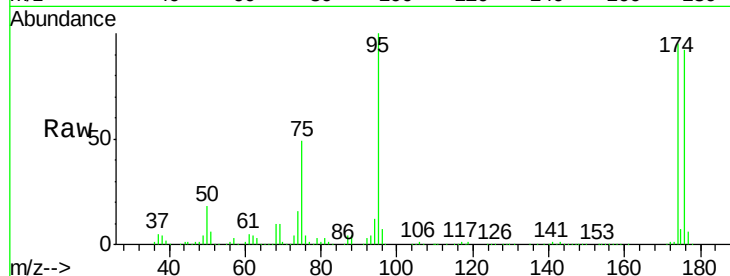
PB109200ZHE#15

Tgt Ion: 75 Resp: 82101

Ion Ratio Lower Upper

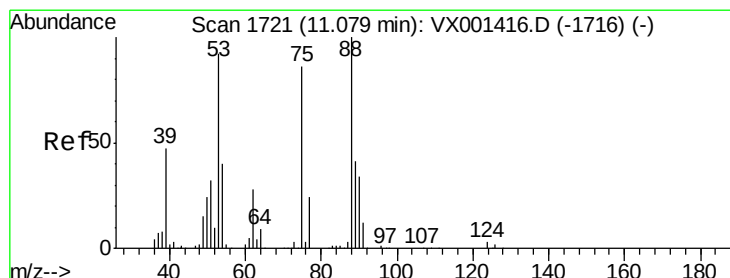
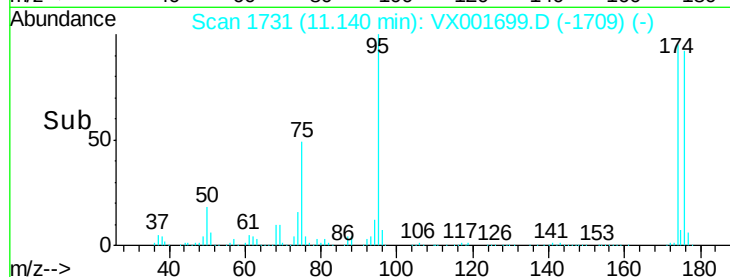
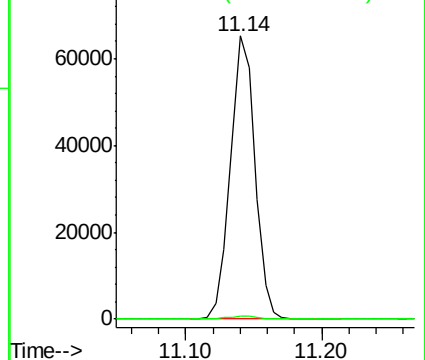
75 100

77 1.4 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: 67.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001699.D

Acq: 13 May 2018 05:59

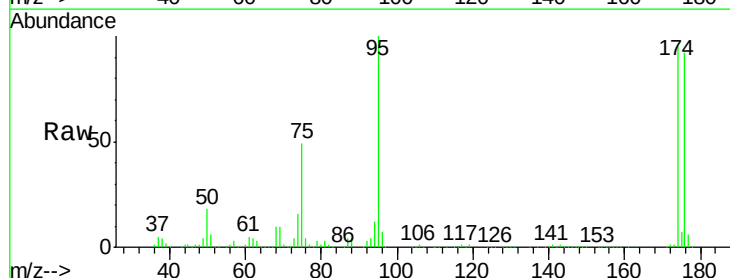
Tgt Ion: 75 Resp: 82101

Ion Ratio Lower Upper

75 100

53 0.2 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

