

Data File : VX000429.D
Acq On : 23 Mar 2018 15:10
Operator : JC/MD
Sample : PB107585TB 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB107585TB

Quant Time: Mar 24 05:55:15 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	114020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	198911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	185666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88640	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	82574	55.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.96%	
35) Dibromofluoromethane	5.52	113	64177	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	8.73	98	243886	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
62) 4-Bromofluorobenzene	11.15	95	78413	37.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.02%	

Target Compounds			Qvalue			
5) Bromomethane	1.68	94	270	0.21	ug/l #	1
6) Chloroethane	1.73	64	258	Below	Cal	95
10) Methyl Iodide	2.53	142	70	4.32	ug/l #	37
11) Tert butyl alcohol	3.03	59	324	0.63	ug/l #	72
13) Acrolein	2.28	56	28	14.74	ug/l #	1
14) Allyl chloride	2.75	41	108	Below	Cal #	22
16) Acetone	2.45	43	1987	1.60	ug/l #	83
20) Methylene Chloride	2.87	84	1936	1.35	ug/l #	84
29) Tetrahydrofuran	5.18	42	281	0.33	ug/l #	51
31) Cyclohexane	5.67	56	2709	1.44	ug/l #	59
36) 1,1-Dichloropropene	5.67	75	8446	4.53	ug/l #	50
38) Carbon Tetrachloride	5.67	117	11260	5.76	ug/l #	14
43) Isopropyl Acetate	6.48	43	1445	0.38	ug/l #	95
74) N-amyl acetate	6.48	43	1445	Below	Cal #	96
76) 1,2,3-Trichloropropane	11.15	75	46074	24.19	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	46074	78.30	ug/l #	9

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

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ALS Vial : 9 Sample Multiplier: 1

Instrument :

MSVOA_X

Client Sample ID :

PB107585TB

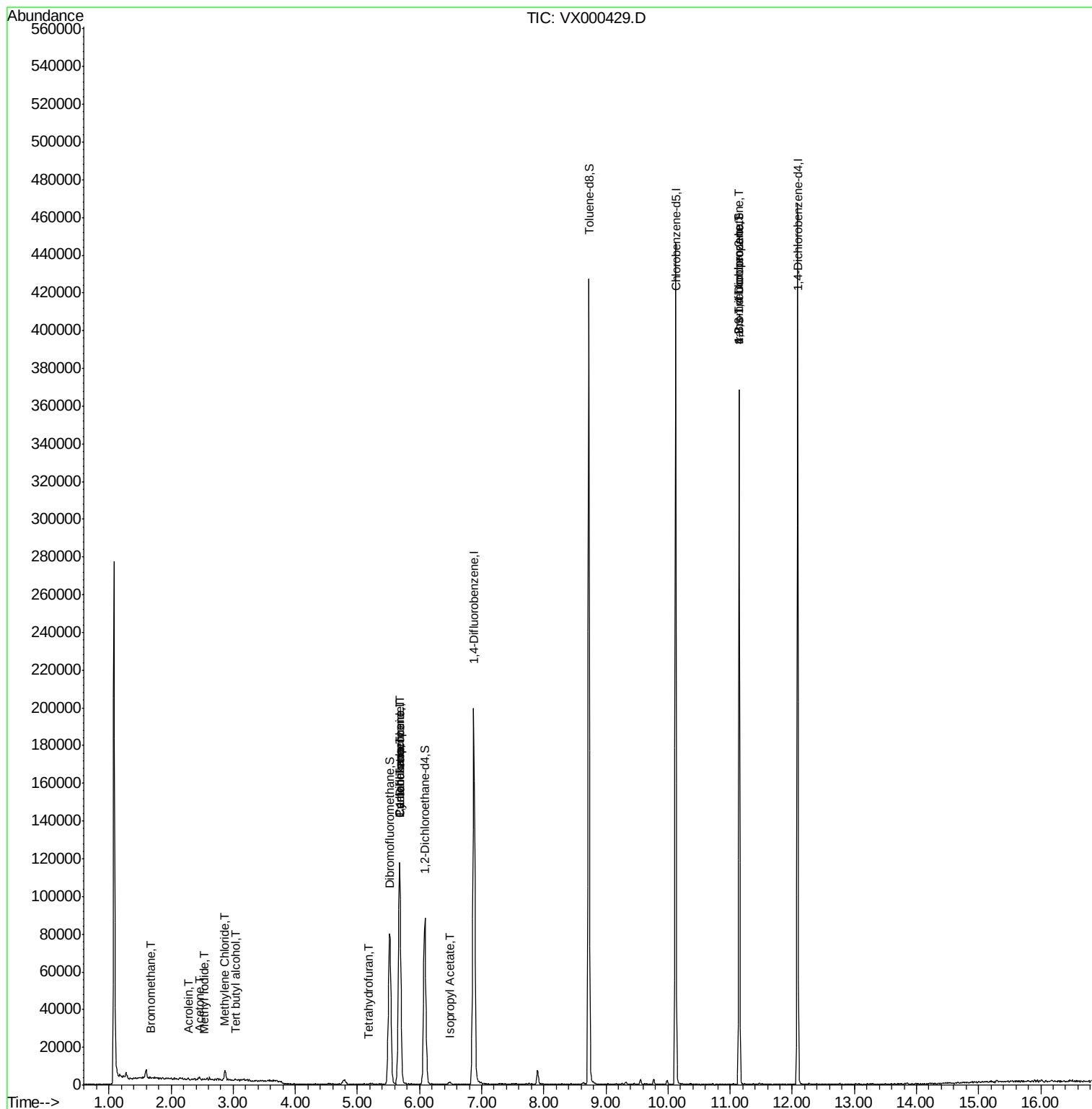
Quant Time: Mar 24 05:55:15 2018

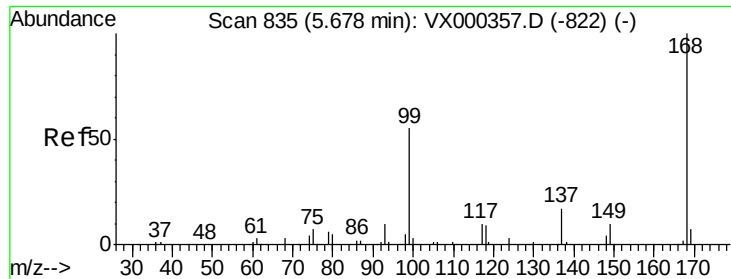
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000429.D

Acq: 23 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

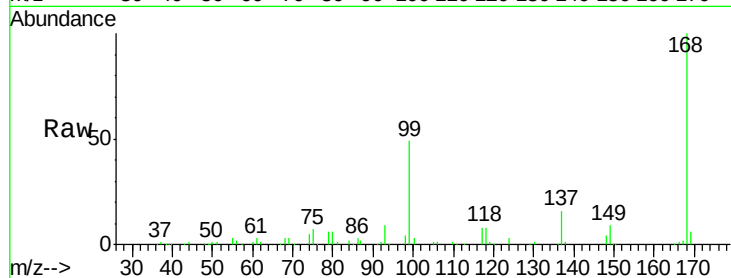
PB107585TB

Tgt Ion:168 Resp: 114020

Ion Ratio Lower Upper

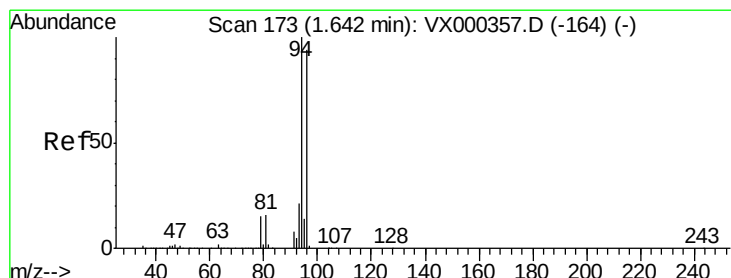
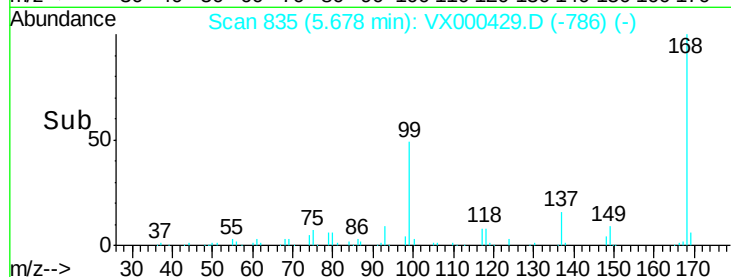
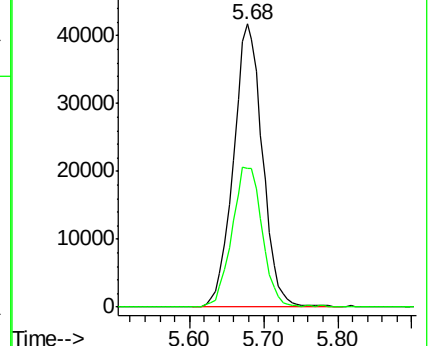
168 100

99 49.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.21 ug/l

RT: 1.68 min Scan# 179

Delta R.T. 0.04 min

Lab File: VX000429.D

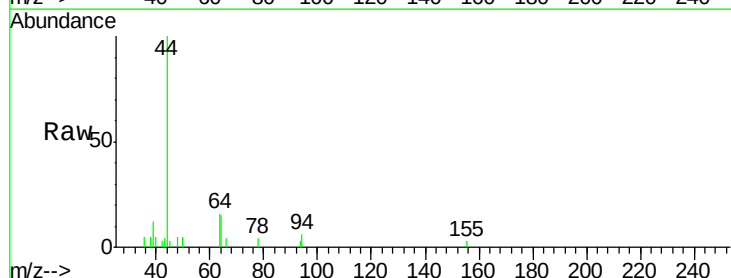
Acq: 23 Mar 2018 15:10

Tgt Ion: 94 Resp: 270

Ion Ratio Lower Upper

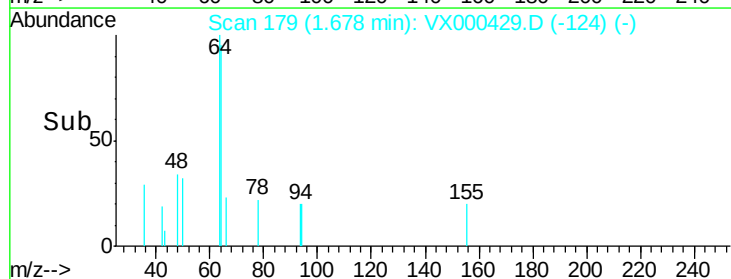
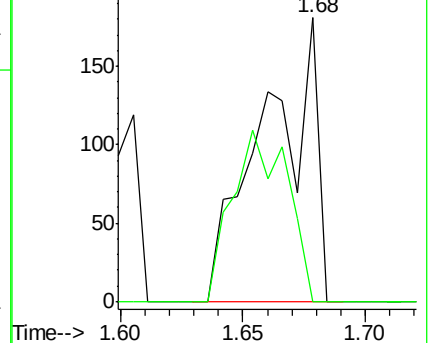
94 100

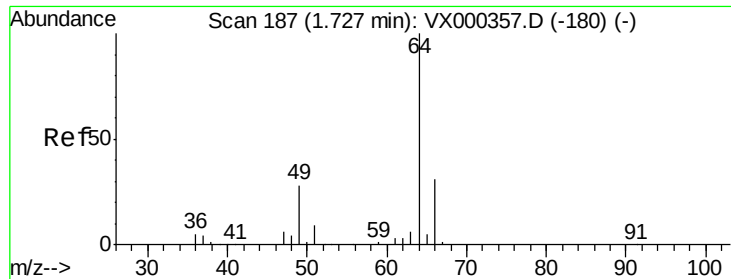
96 0.0 77.7 116.5#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000429.D

Acq: 23 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

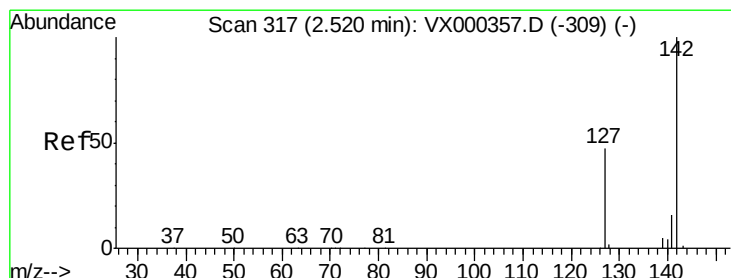
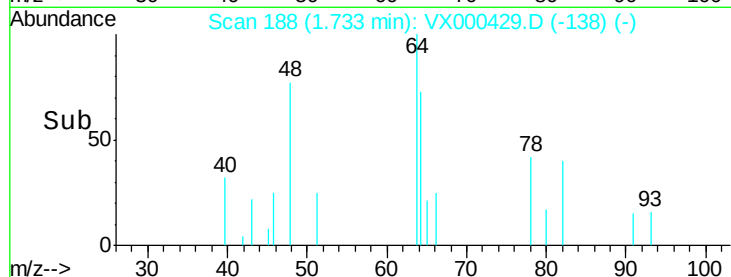
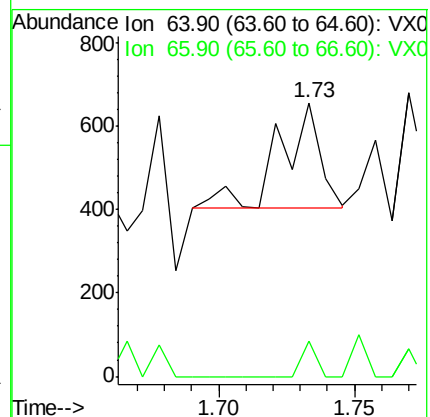
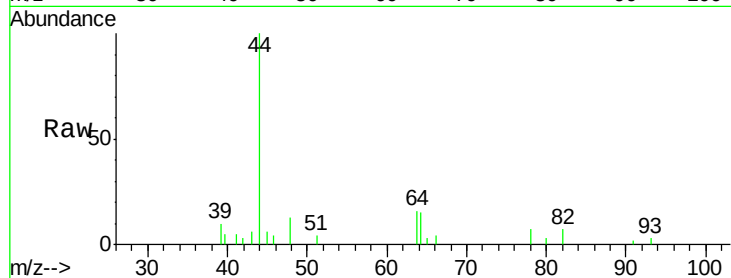
PB107585TB

Tgt Ion: 64 Resp: 258

Ion Ratio Lower Upper

64 100

66 34.0 24.8 37.2



#10

Methyl Iodide

Concen: 4.32 ug/l

RT: 2.53 min Scan# 319

Delta R.T. 0.01 min

Lab File: VX000429.D

Acq: 23 Mar 2018 15:10

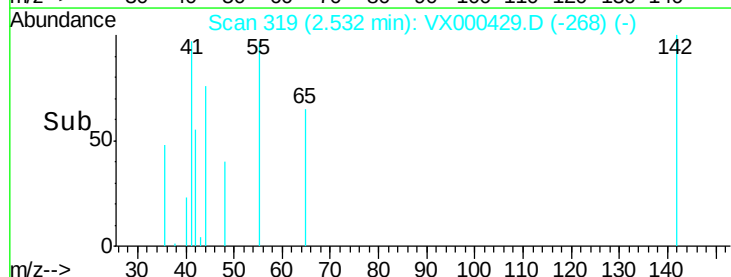
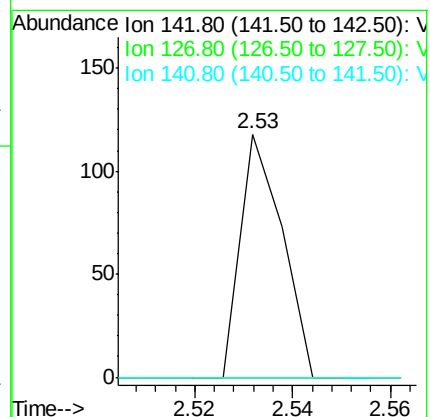
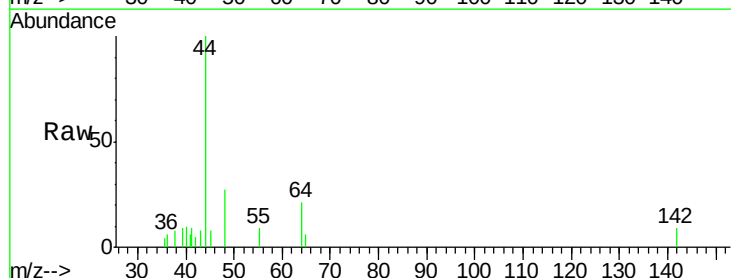
Tgt Ion: 142 Resp: 70

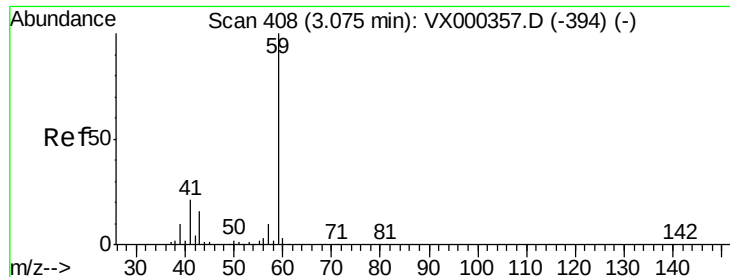
Ion Ratio Lower Upper

142 100

127 0.0 39.2 58.8#

141 0.0 11.7 17.5#

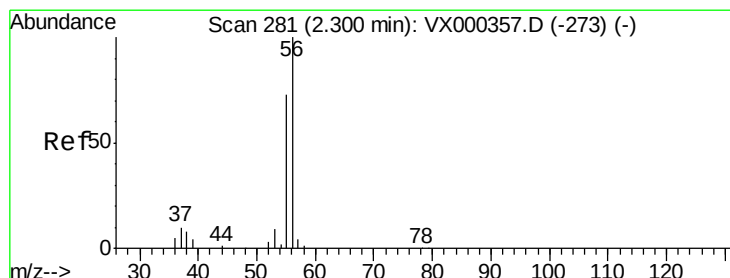
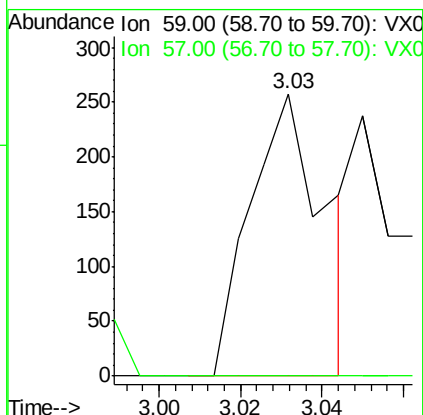
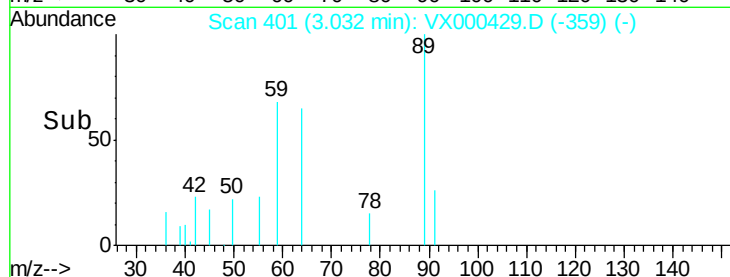
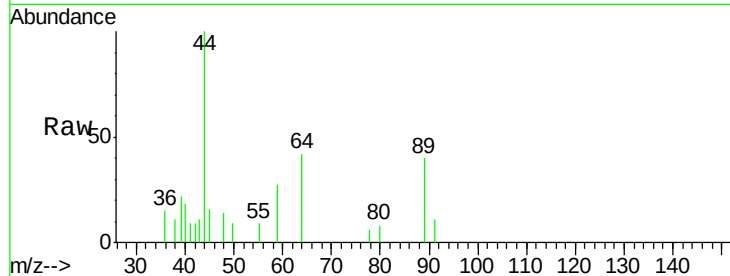




#11
Tert butyl alcohol
Concen: 0.63 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.04 min
Lab File: VX000429.D
Acq: 23 Mar 2018 15:10

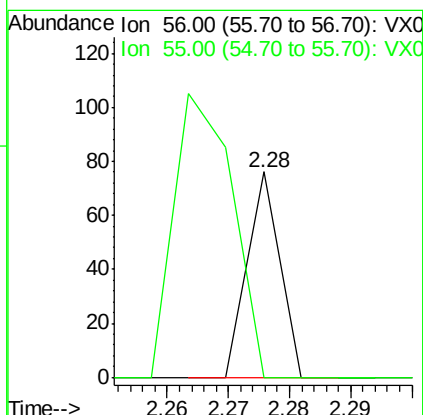
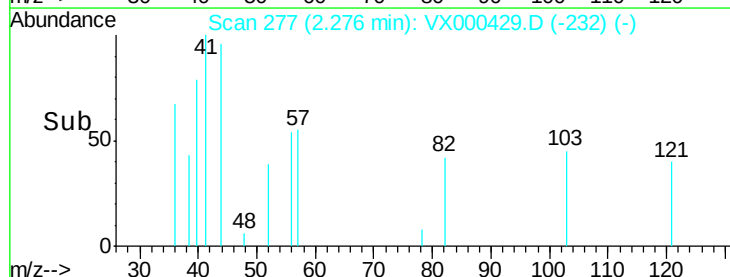
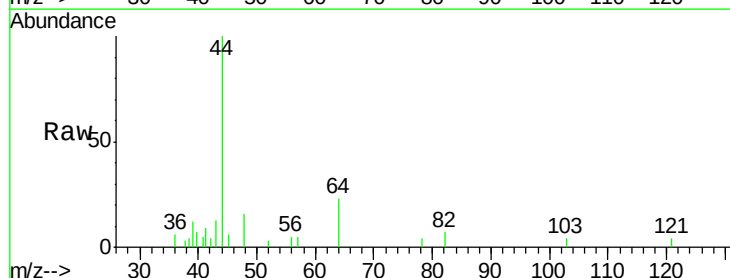
Instrument :
MSVOA_X
ClientSampled :
PB107585TB

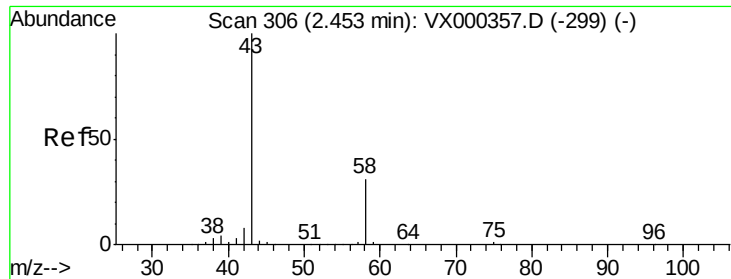
Tgt Ion: 59 Resp: 324
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#13
Acrolein
Concen: 14.74 ug/l
RT: 2.28 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX000429.D
Acq: 23 Mar 2018 15:10

Tgt Ion: 56 Resp: 28
Ion Ratio Lower Upper
56 100
55 250.0 58.8 88.2#





#16

Acetone

Concen: 1.60 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000429.D

Acq: 23 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

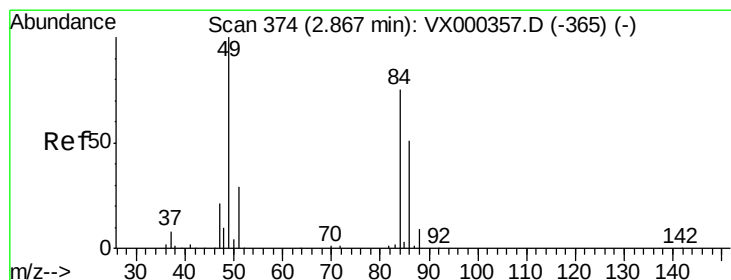
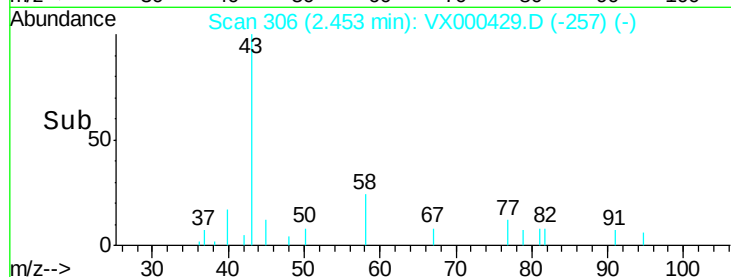
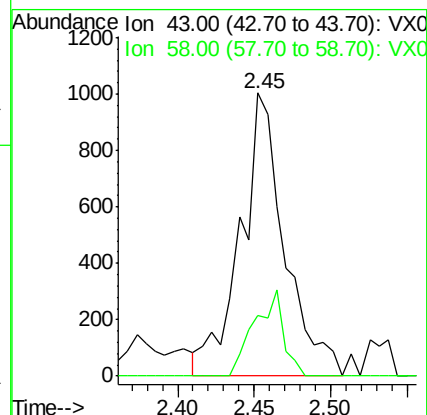
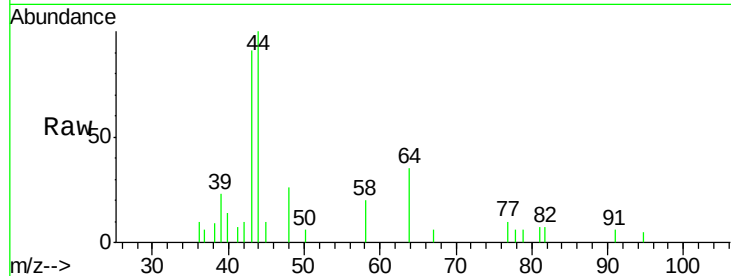
PB107585TB

Tgt Ion: 43 Resp: 1987

Ion Ratio Lower Upper

43 100

58 21.4 24.7 37.1#



#20

Methylene Chloride

Concen: 1.35 ug/l

RT: 2.87 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX000429.D

Acq: 23 Mar 2018 15:10

Tgt Ion: 84 Resp: 1936

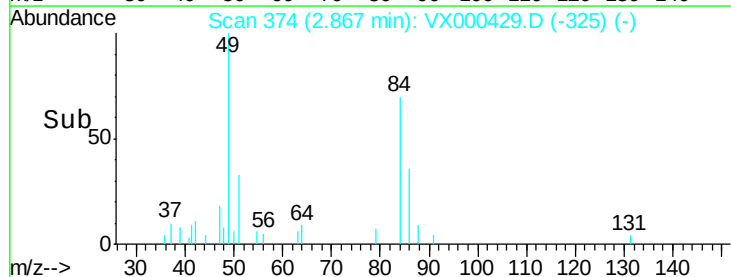
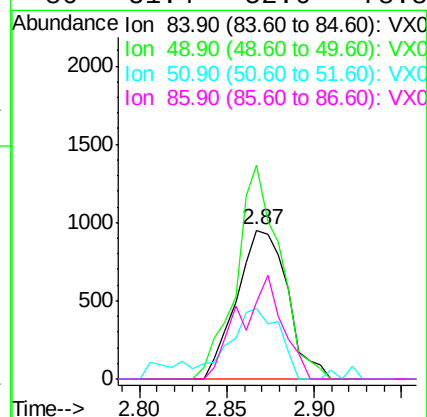
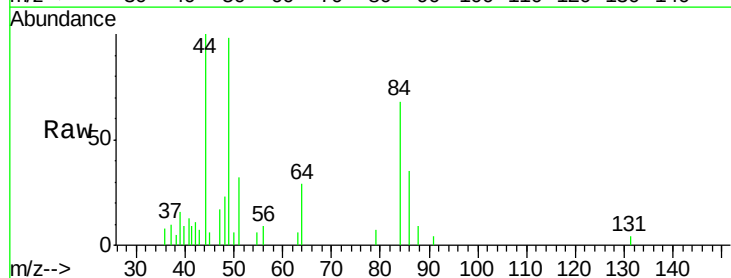
Ion Ratio Lower Upper

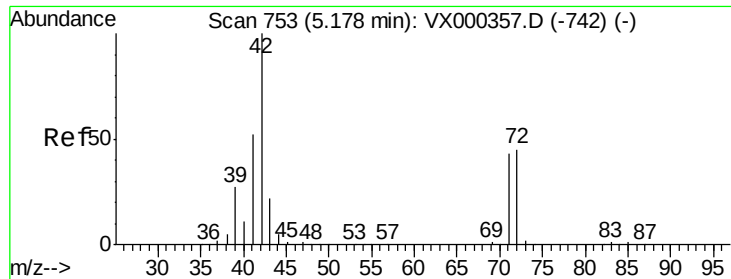
84 100

49 143.2 100.6 151.0

51 47.5 31.6 47.4#

86 51.4 52.6 78.8#





#29

Tetrahydrofuran

Concen: 0.33 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX000429.D

Acq: 23 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampled :

PB107585TB

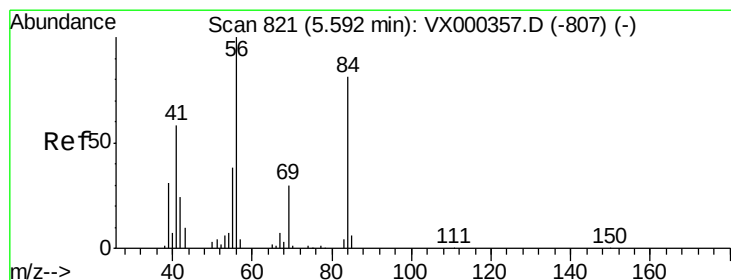
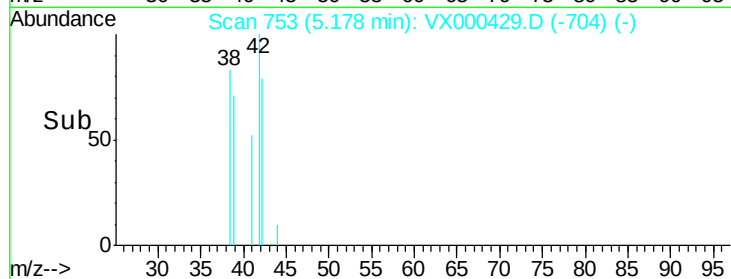
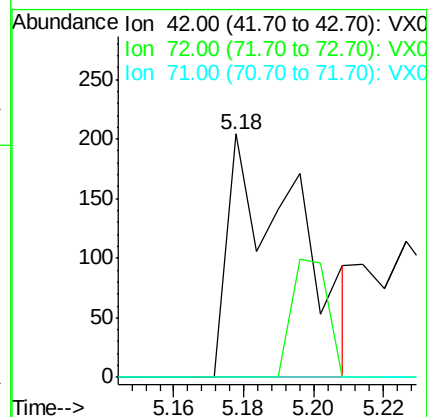
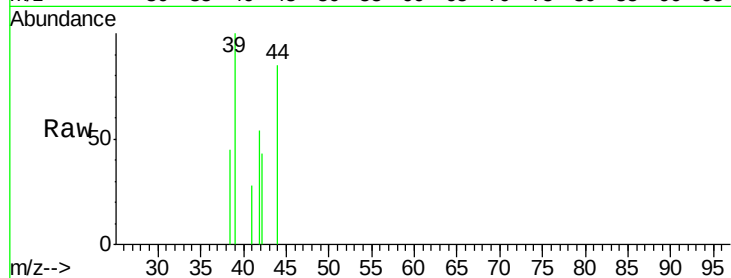
Tgt Ion: 42 Resp: 281

Ion Ratio Lower Upper

42 100

72 25.3 37.9 56.9#

71 0.0 34.4 51.6#



#31

Cyclohexane

Concen: 1.44 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.08 min

Lab File: VX000429.D

Acq: 23 Mar 2018 15:10

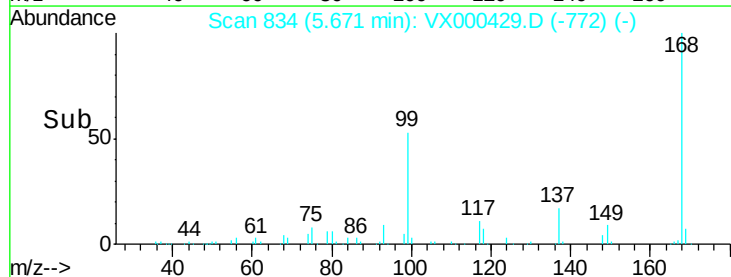
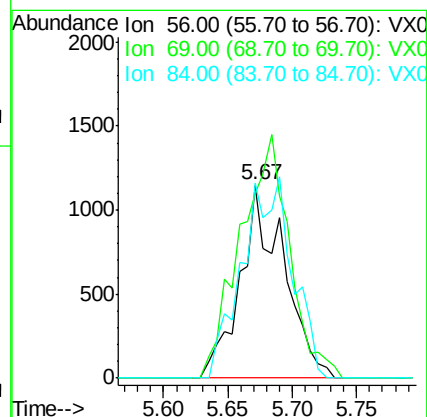
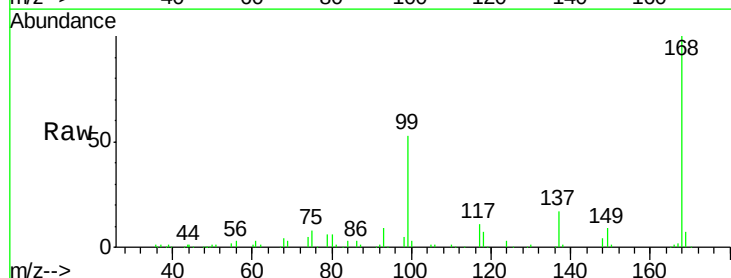
Tgt Ion: 56 Resp: 2709

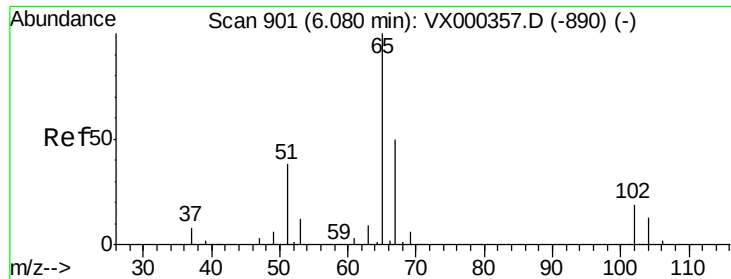
Ion Ratio Lower Upper

56 100

69 96.2 23.4 35.0#

84 101.3 71.0 106.4

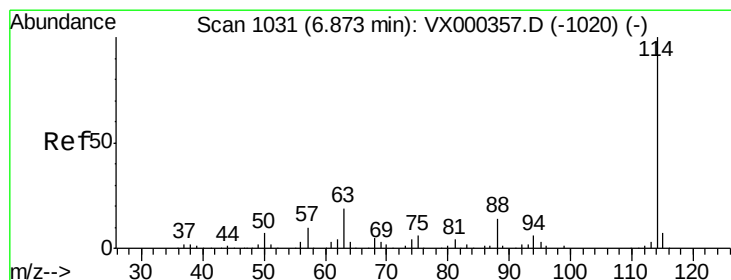
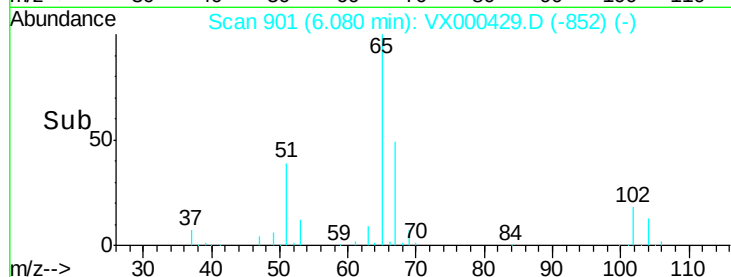
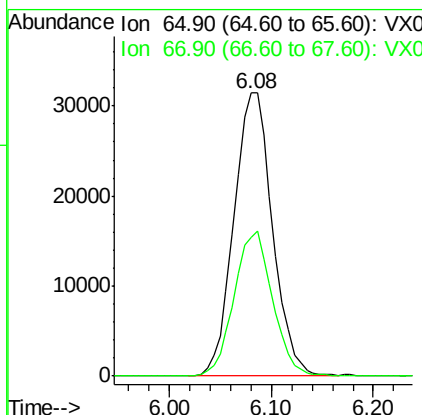
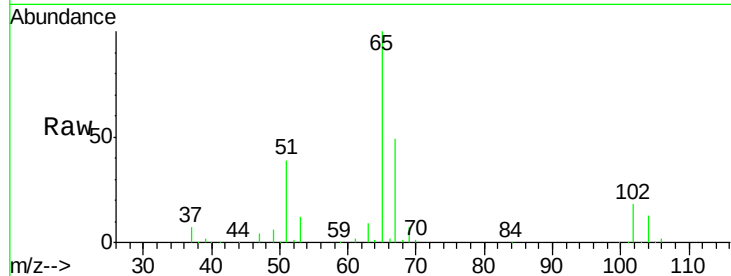




#33
 1,2-Dichloroethane-d4
 Concen: 55.48 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000429.D
 Acq: 23 Mar 2018 15:10

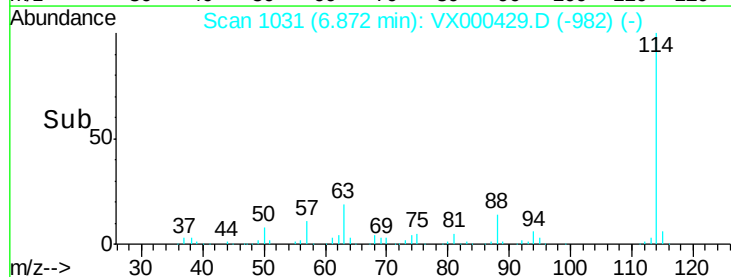
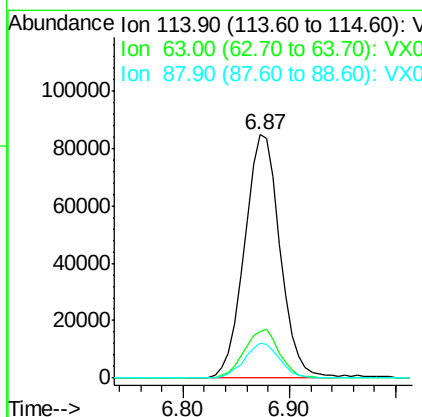
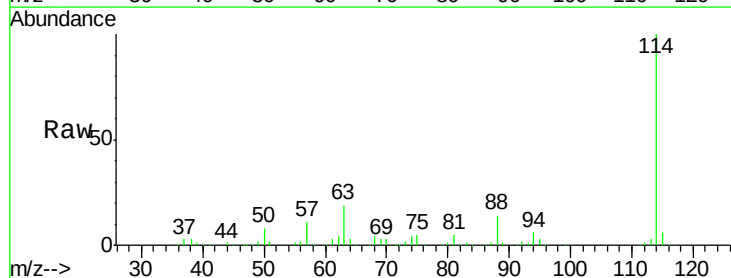
Instrument :
 MSVOA_X
 ClientSampleId :
 PB107585TB

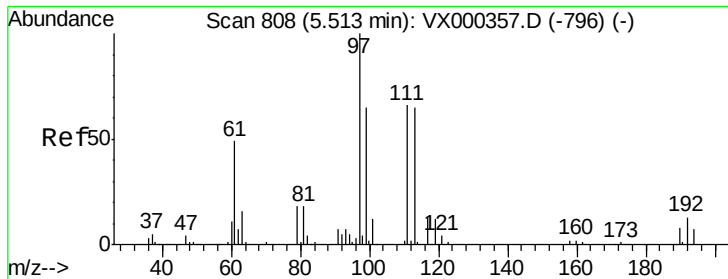
Tgt Ion: 65 Resp: 82574
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000429.D
 Acq: 23 Mar 2018 15:10

Tgt Ion: 114 Resp: 198911
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 14.4 0.0 27.0





#35

Dibromofluoromethane

Concen: 51.21 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000429.D

Acq: 23 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

PB107585TB

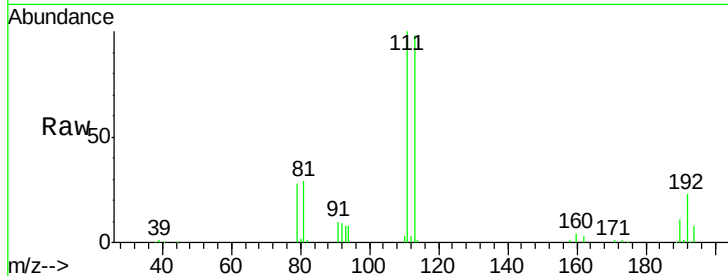
Tgt Ion:113 Resp: 64177

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

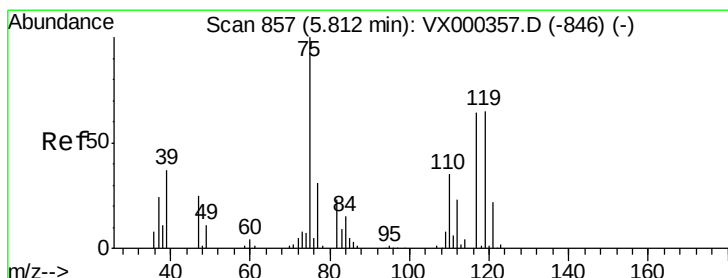
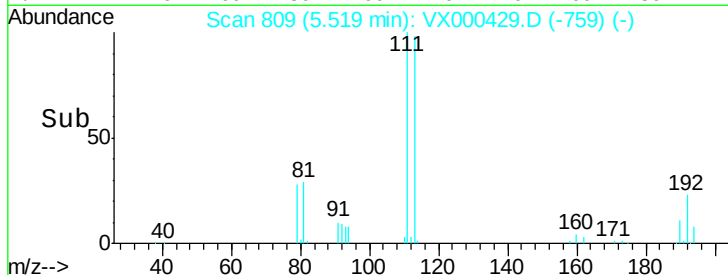
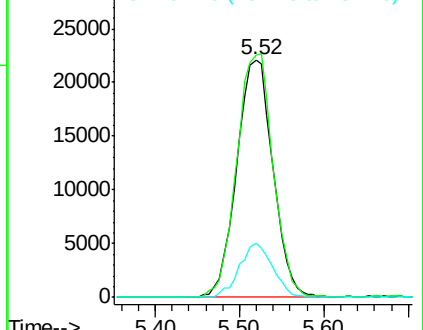
192 20.9 15.8 23.6



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: 4.53 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.14 min

Lab File: VX000429.D

Acq: 23 Mar 2018 15:10

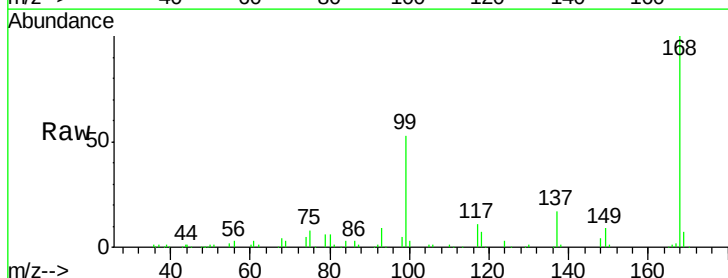
Tgt Ion: 75 Resp: 8446

Ion Ratio Lower Upper

75 100

110 8.7 17.9 53.7#

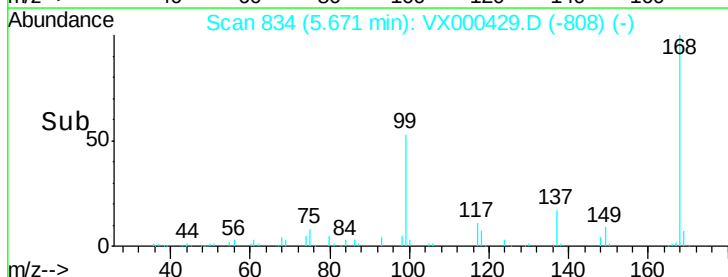
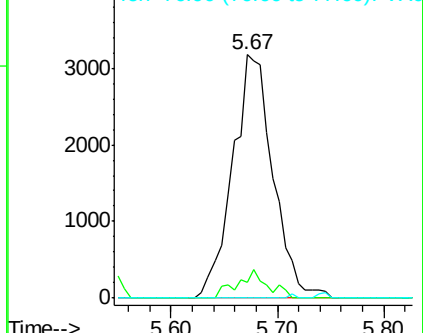
77 0.0 24.0 36.0#

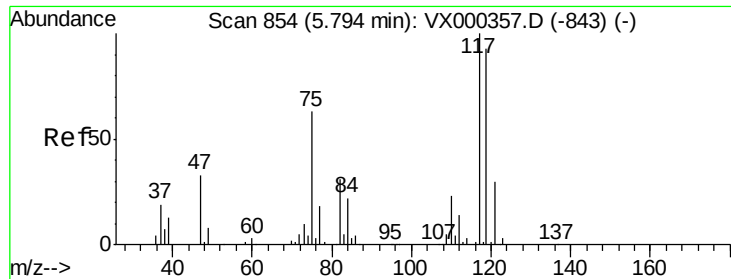


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

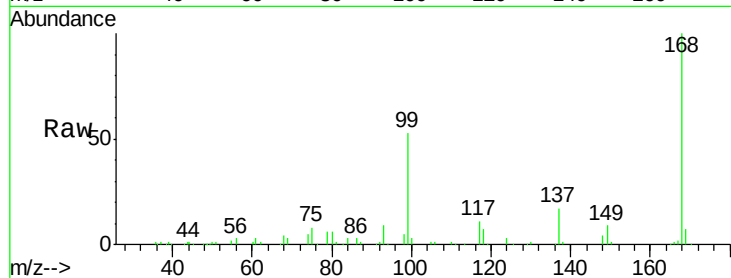




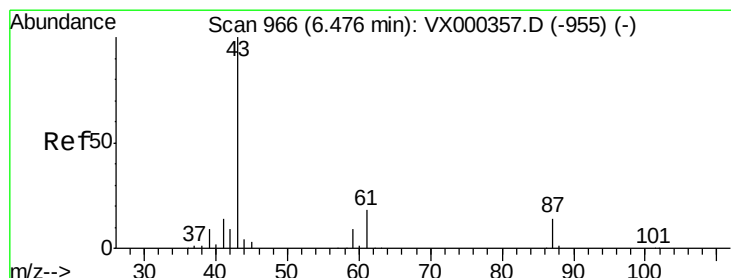
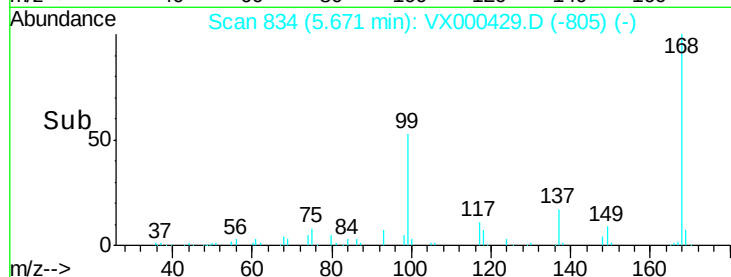
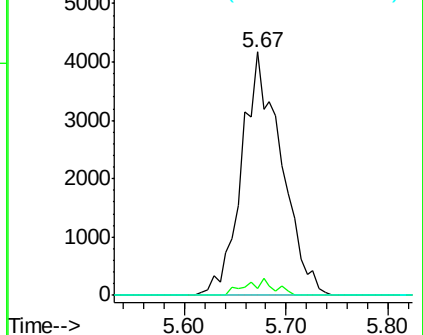
#38
Carbon Tetrachloride
Concen: 5.76 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000429.D
Acq: 23 Mar 2018 15:10

Instrument :
MSVOA_X
ClientSampled :
PB107585TB

Tgt Ion: 117 Resp: 11260
Ion Ratio Lower Upper
117 100
119 3.0 77.4 116.2#
121 0.0 24.8 37.2#

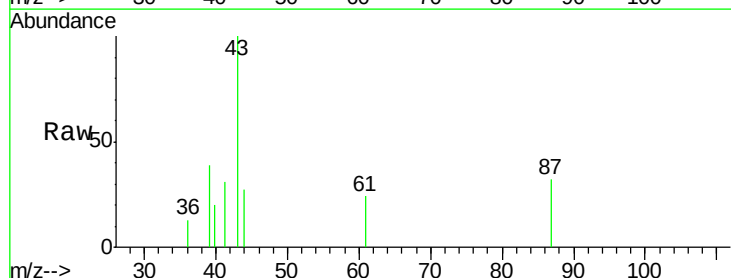


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

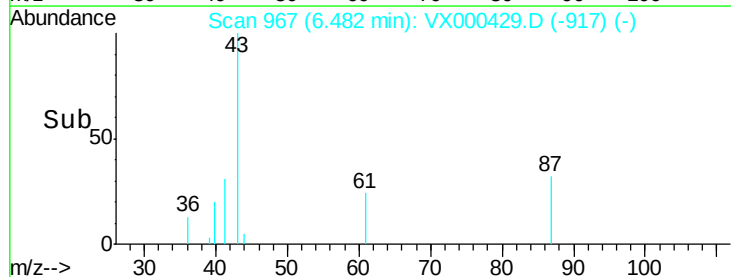
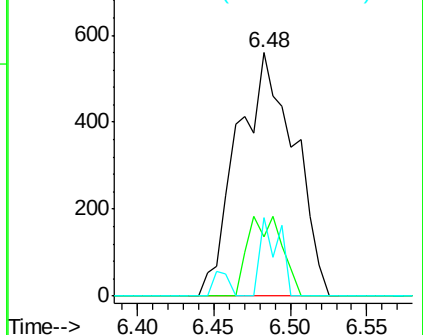


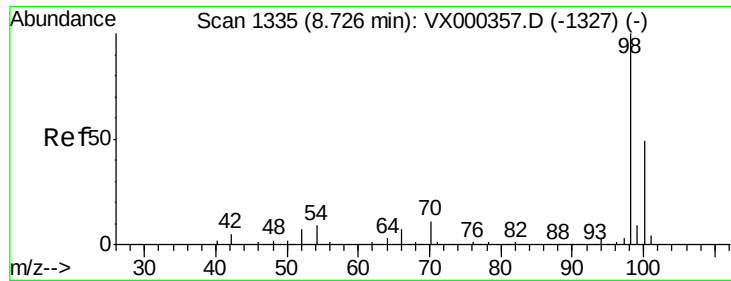
#43
Isopropyl Acetate
Concen: 0.38 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000429.D
Acq: 23 Mar 2018 15:10

Tgt Ion: 43 Resp: 1445
Ion Ratio Lower Upper
43 100
61 19.9 14.4 21.6
87 10.9 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

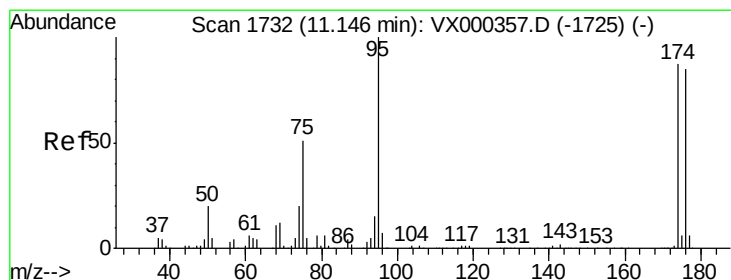
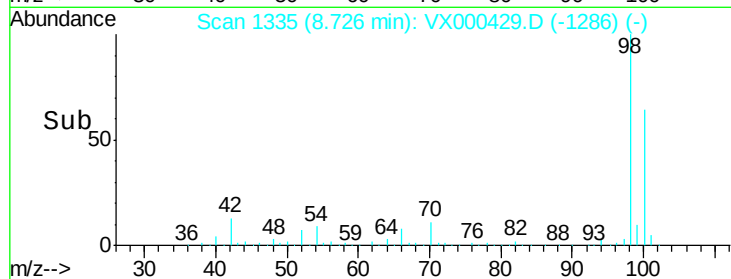
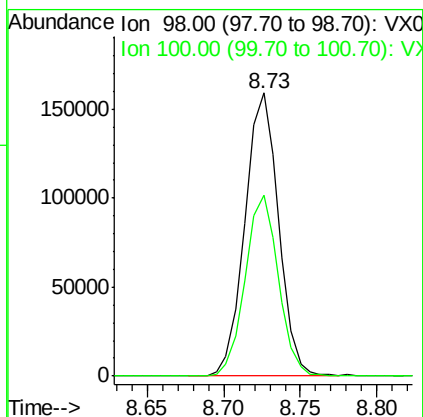
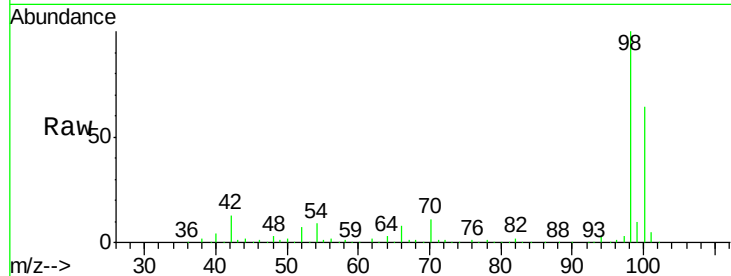




#50
Toluene-d8
Concen: 46.98 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000429.D
Acq: 23 Mar 2018 15:10

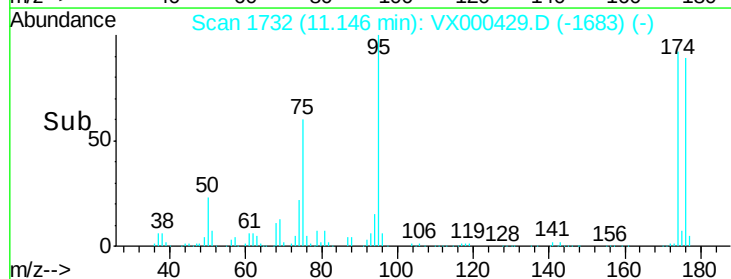
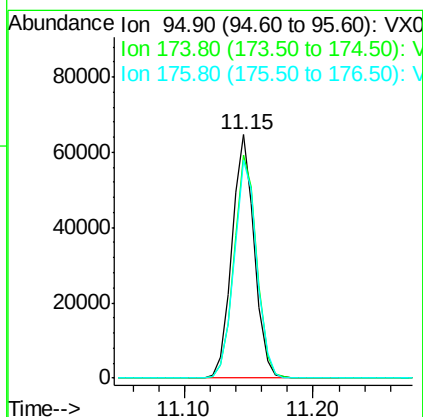
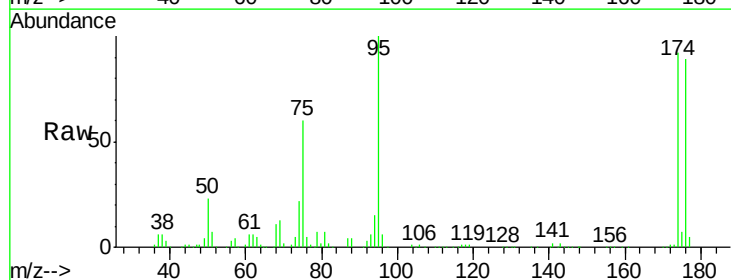
Instrument :
MSVOA_X
ClientSampled :
PB107585TB

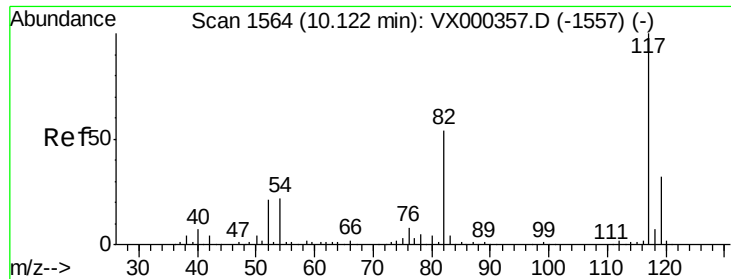
Tgt Ion: 98 Resp: 243886
Ion Ratio Lower Upper
98 100
100 62.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 37.51 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000429.D
Acq: 23 Mar 2018 15:10

Tgt Ion: 95 Resp: 78413
Ion Ratio Lower Upper
95 100
174 92.6 0.0 173.6
176 90.7 0.0 164.6

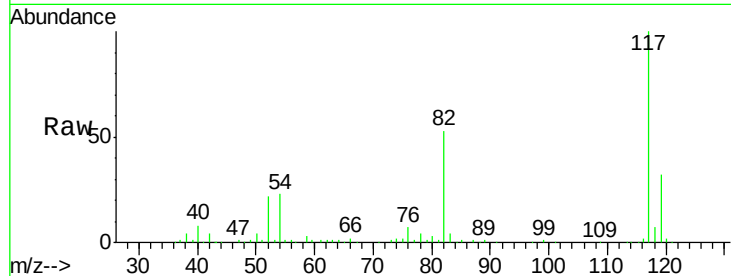




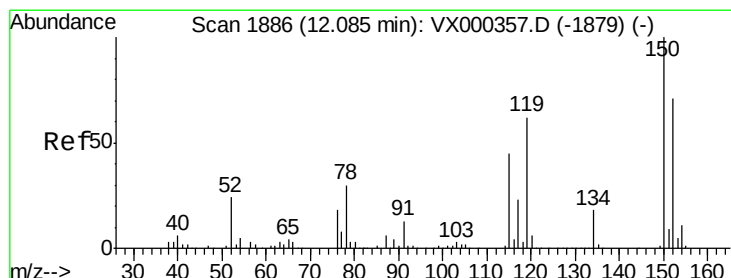
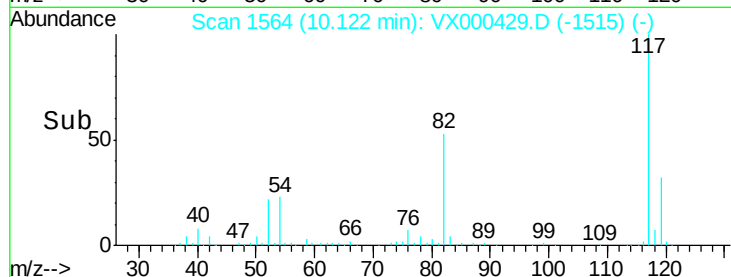
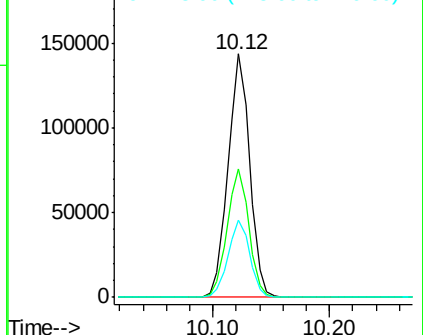
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000429.D
Acq: 23 Mar 2018 15:10

Instrument :
MSVOA_X
ClientSampleId :
PB107585TB

Tgt Ion:117 Resp: 185666
Ion Ratio Lower Upper
117 100
82 53.0 43.8 65.8
119 31.5 24.9 37.3

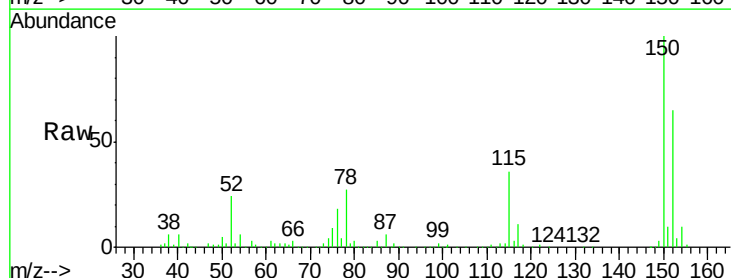


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

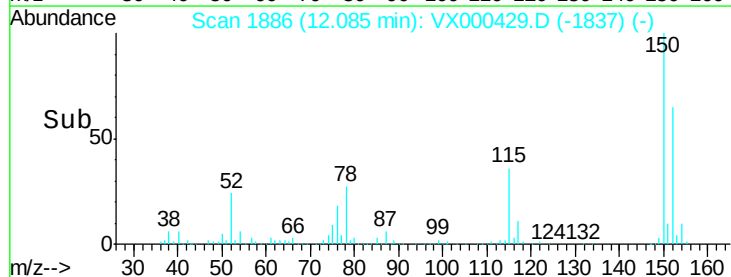
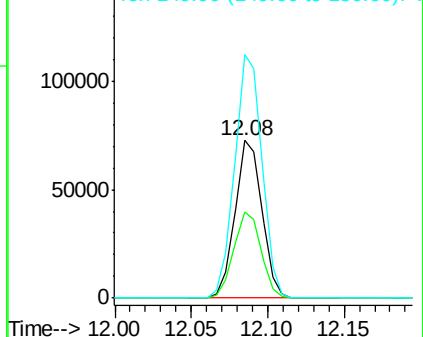


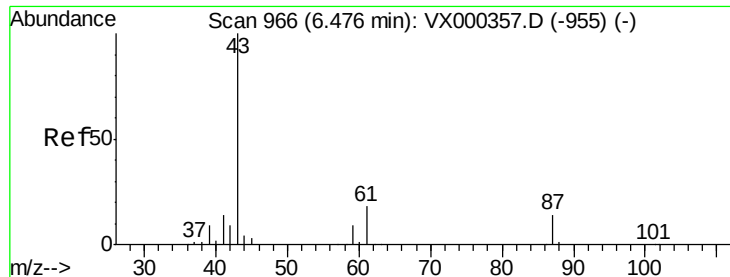
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000429.D
Acq: 23 Mar 2018 15:10

Tgt Ion:152 Resp: 88640
Ion Ratio Lower Upper
152 100
115 55.7 39.8 119.3
150 156.7 0.0 344.4



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





#74

N-amyI acetate

Concen: Below Cal

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000429.D

Acq: 23 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

PB107585TB

Tgt Ion: 43 Resp: 1445

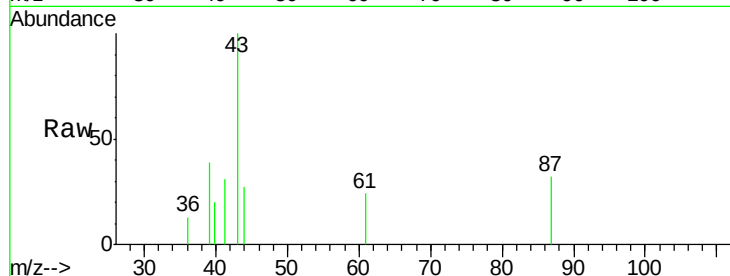
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.9 14.4 21.6

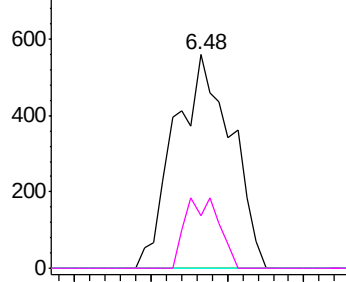


Abundance Ion 43.00 (42.70 to 43.70): VX0

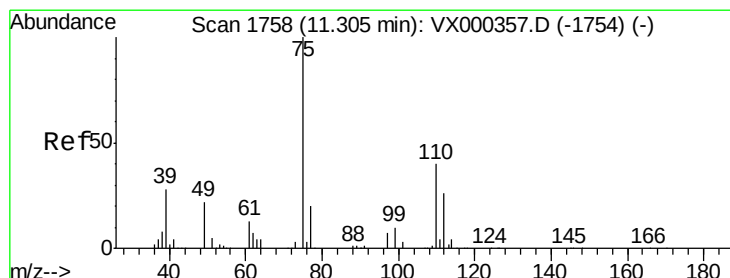
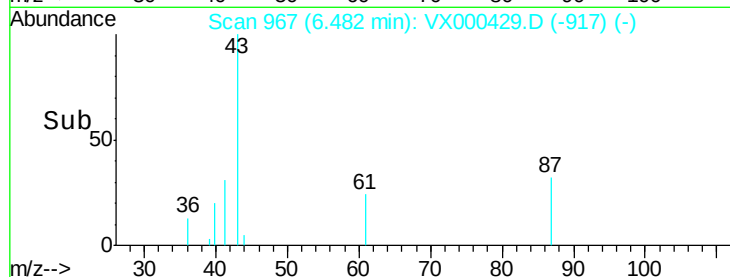
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 24.19 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000429.D

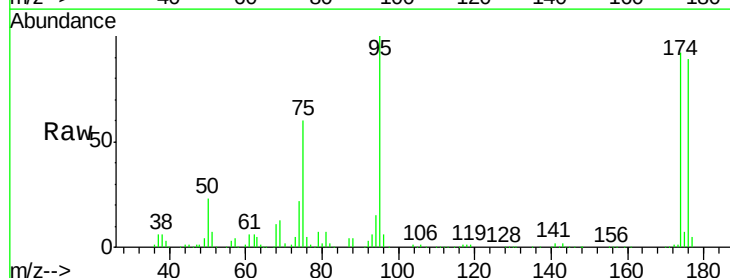
Acq: 23 Mar 2018 15:10

Tgt Ion: 75 Resp: 46074

Ion Ratio Lower Upper

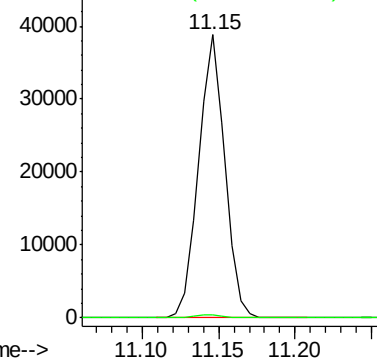
75 100

77 1.2 21.4 64.2#

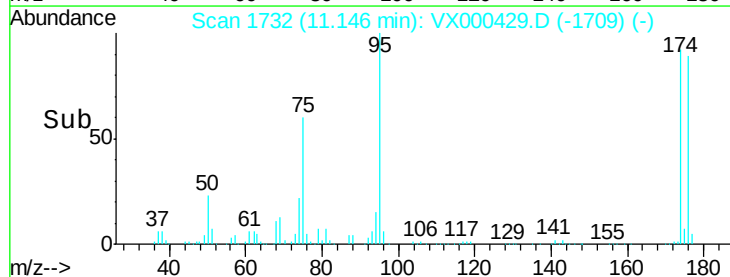


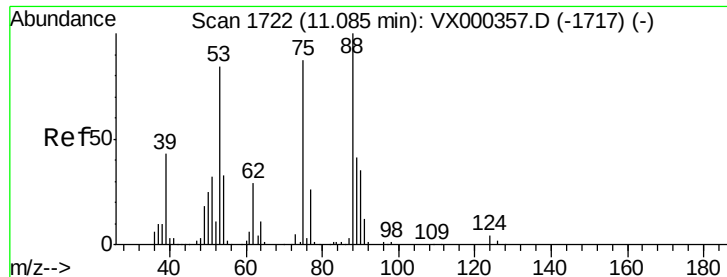
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 78.30 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000429.D

Acq: 23 Mar 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

PB107585TB

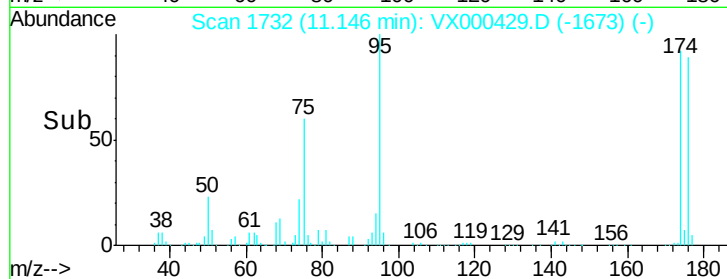
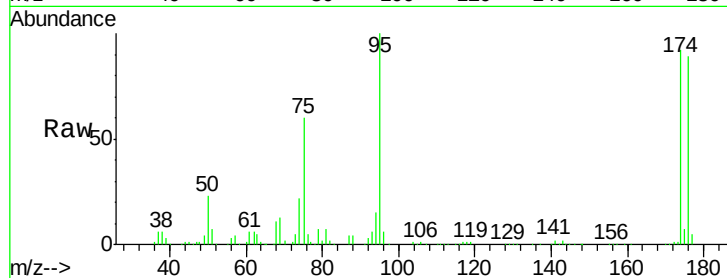
Tgt Ion: 75 Resp: 46074

Ion Ratio Lower Upper

75 100

53 0.0 80.7 121.1#

89 0.0 39.4 59.0#



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

