

Data File : VX001335.D

Acq On : 03 May 2018 00:18

Operator : JC/MD

Sample : PB108794ZHE#14

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#14

Quant Time: May 03 05:10:54 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	150463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	179112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	101519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	92349	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	
35) Dibromofluoromethane	5.51	113	76501	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	
50) Toluene-d8	8.72	98	282185	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
62) 4-Bromofluorobenzene	11.14	95	91727	37.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.14%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	755	Below Cal		82
10) Methyl Iodide	2.52	142	1567	5.11 ug/l		96
11) Tert butyl alcohol	3.08	59	548	1.53 ug/l #		59
13) Acrolein	2.30	56	202	0.98 ug/l #		73
15) Acrylonitrile	3.16	53	480	0.58 ug/l #		66
16) Acetone	2.45	43	12499	14.06 ug/l		97
17) Carbon Disulfide	2.57	76	1140	0.29 ug/l #		78
18) Methyl Acetate	2.78	43	15238	7.26 ug/l		95
20) Methylene Chloride	2.86	84	4232	1.08 ug/l		99
25) 2-Butanone	4.72	43	4618	3.84 ug/l		91
29) Tetrahydrofuran	5.20	42	1086	1.47 ug/l #		81
51) 4-Methyl-2-Pentanone	8.66	43	783	0.32 ug/l		99
59) 2-Hexanone	9.51	43	824	0.43 ug/l		93
76) 1,2,3-Trichloropropane	11.14	75	47074	25.08 ug/l #		39
81) trans-1,4-Dichloro-2-buten	11.14	75	47074	78.87 ug/l #		6

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

Data File : VX001335.D

Acq On : 03 May 2018 00:18

Operator : JC/MD

Sample : PB108794ZHE#14

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 30 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

PB108794ZHE#14

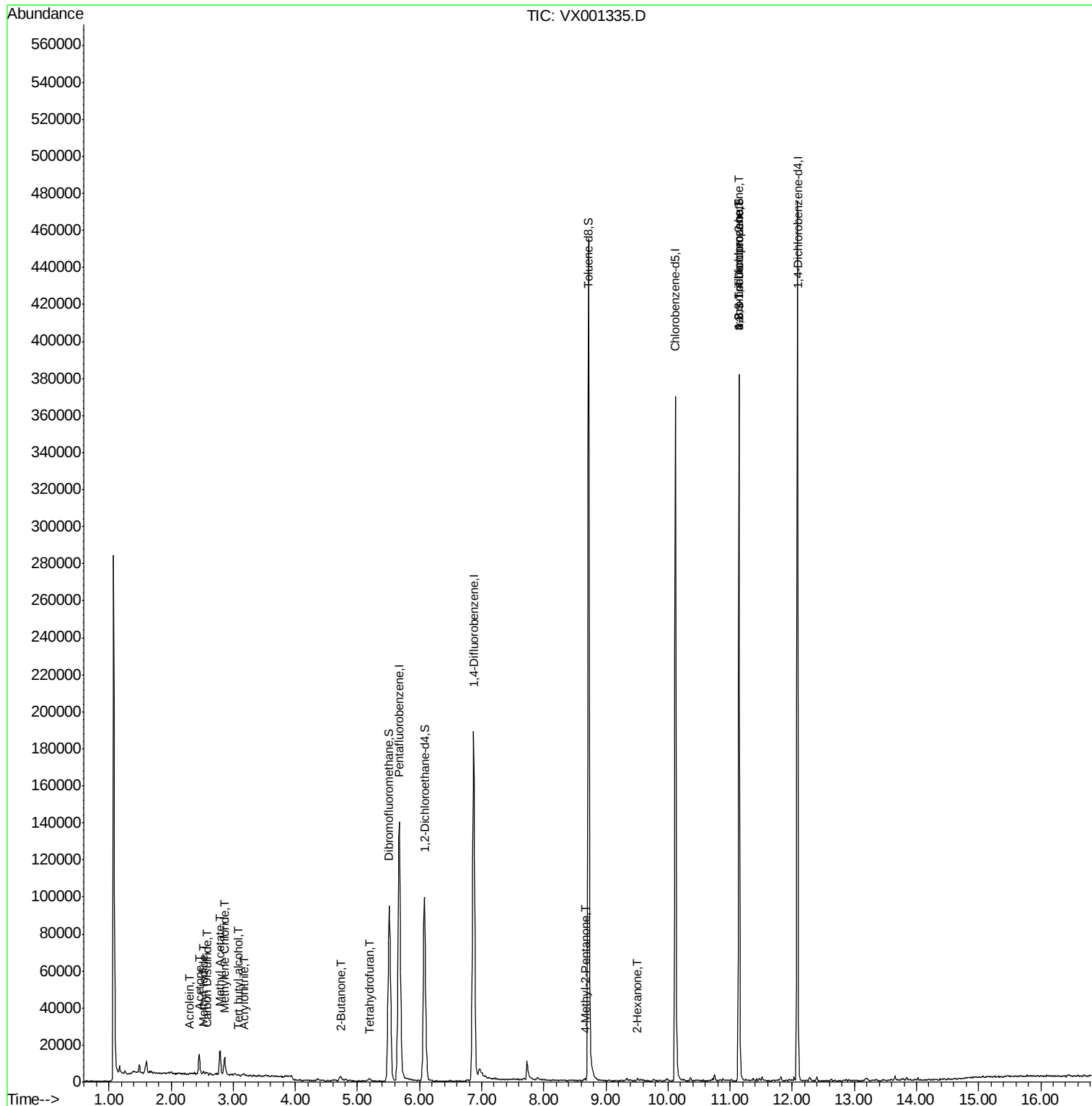
Quant Time: May 03 05:10:54 2018

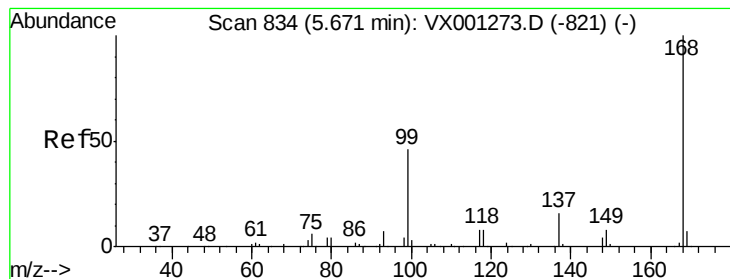
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 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: VX001335.D

Acq: 03 May 2018 00:18

Instrument :

MSVOA_X

ClientSampleId :

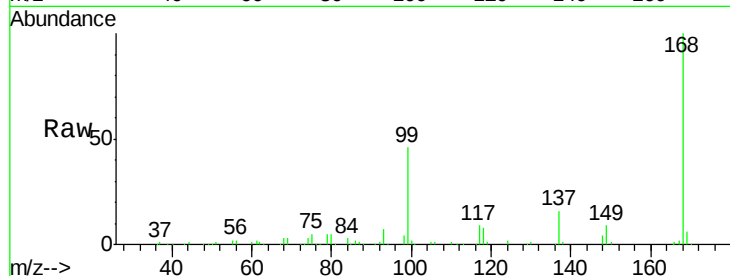
PB108794ZHE#14

Tgt Ion:168 Resp: 150463

Ion Ratio Lower Upper

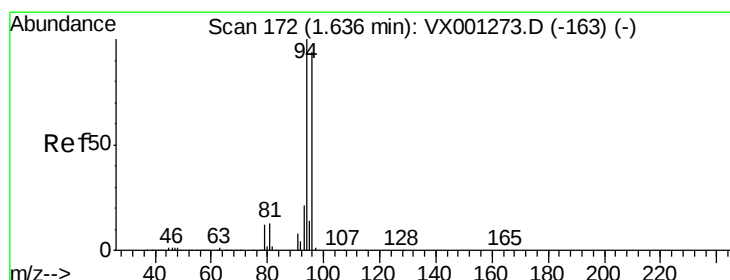
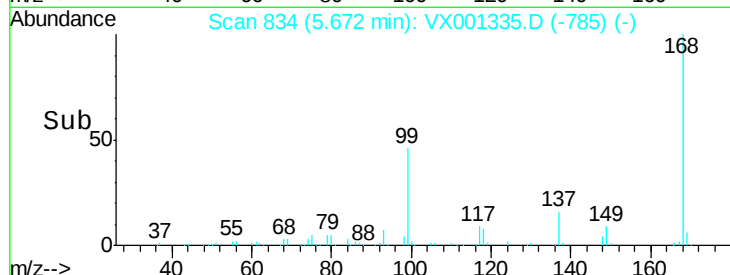
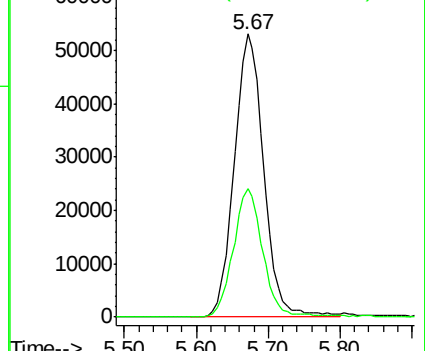
168 100

99 45.5 36.5 54.7



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: VX001335.D

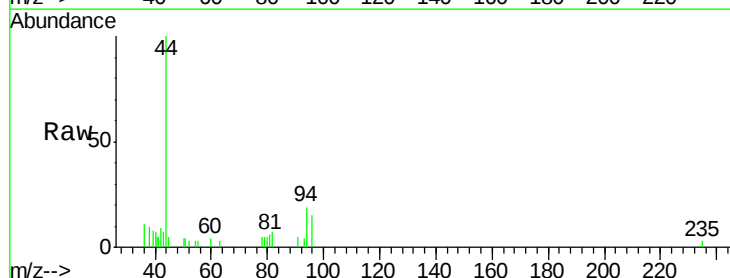
Acq: 03 May 2018 00:18

Tgt Ion: 94 Resp: 755

Ion Ratio Lower Upper

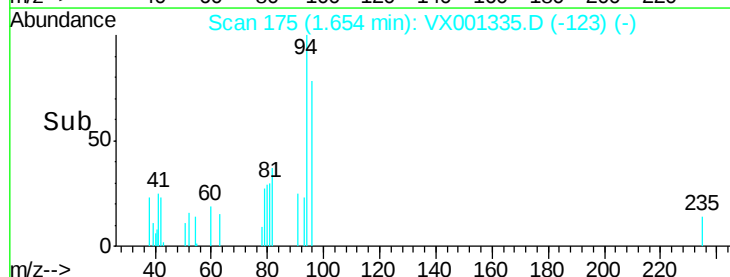
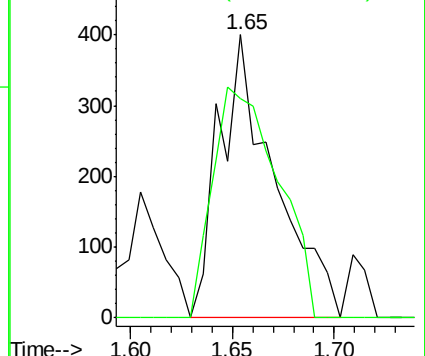
94 100

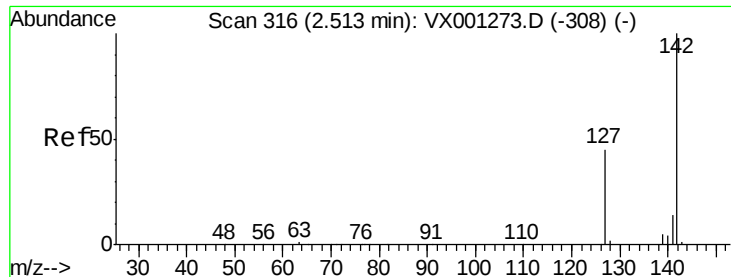
96 77.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

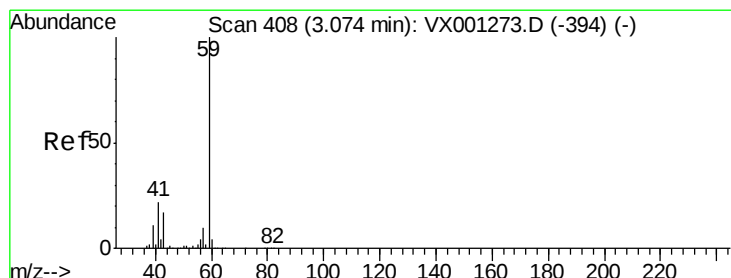
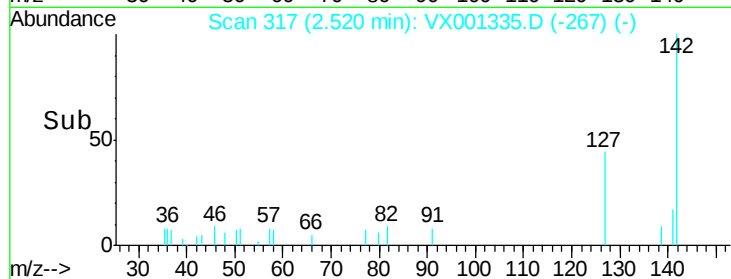
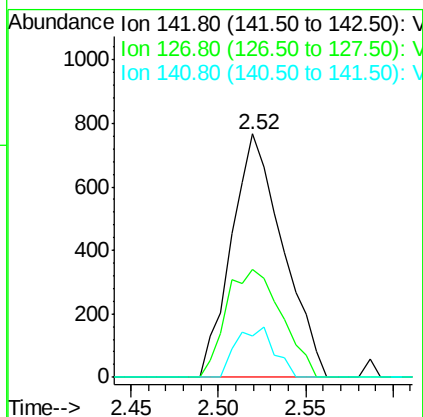
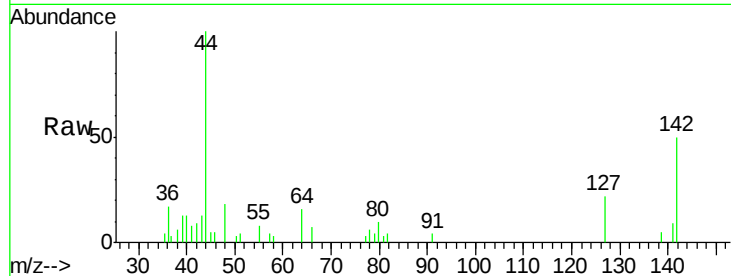




#10
Methyl Iodide
Concen: 5.11 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001335.D
Acq: 03 May 2018 00:18

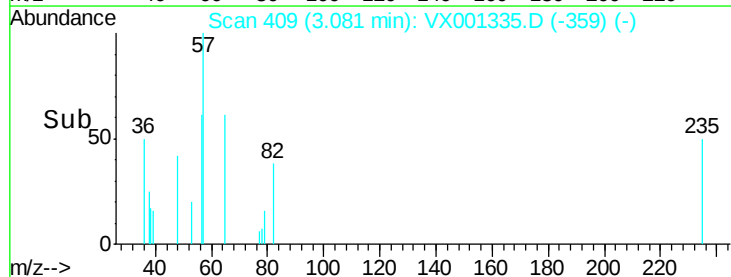
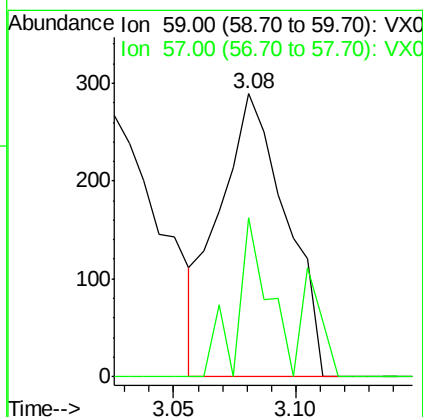
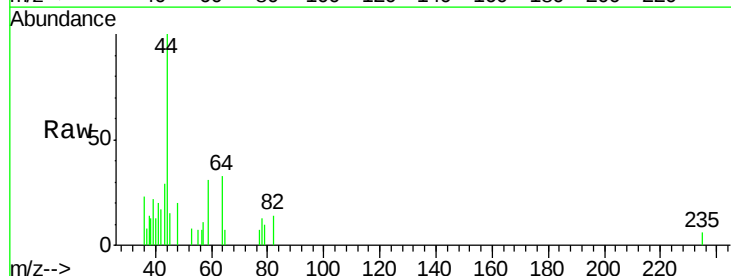
Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#14

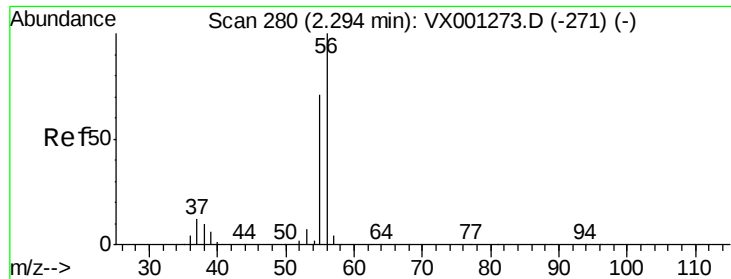
Tgt Ion:142 Resp: 1567
Ion Ratio Lower Upper
142 100
127 47.5 35.7 53.5
141 15.3 11.4 17.0



#11
Tert butyl alcohol
Concen: 1.53 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX001335.D
Acq: 03 May 2018 00:18

Tgt Ion: 59 Resp: 548
Ion Ratio Lower Upper
59 100
57 26.3 8.6 12.8#





#13

Acrolein

Concen: 0.98 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001335.D

Acq: 03 May 2018 00:18

Instrument :

MSVOA_X

ClientSampleId :

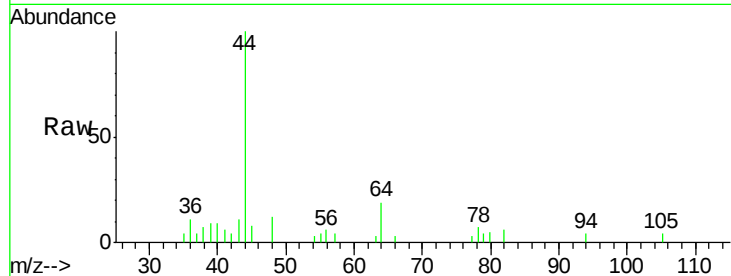
PB108794ZHE#14

Tgt Ion: 56 Resp: 202

Ion Ratio Lower Upper

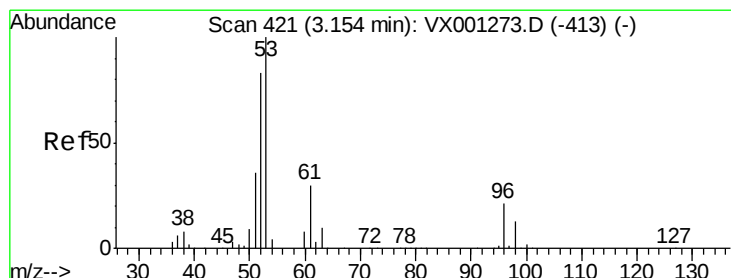
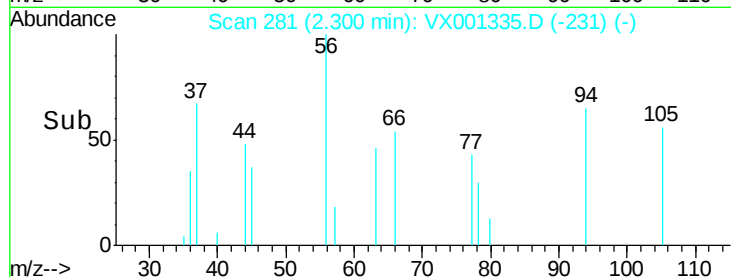
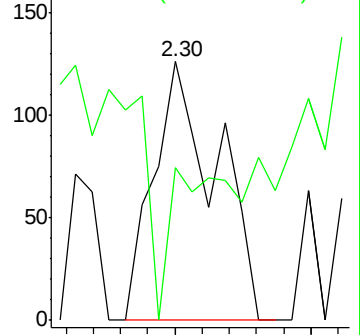
56 100

55 49.5 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.58 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001335.D

Acq: 03 May 2018 00:18

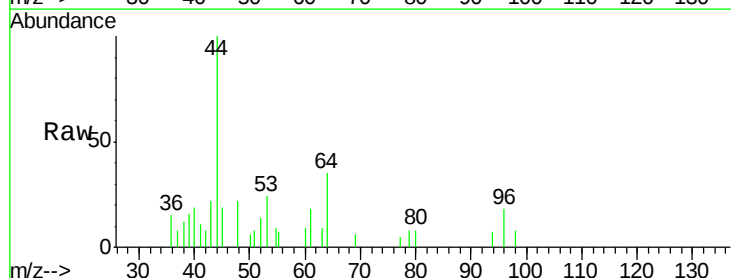
Tgt Ion: 53 Resp: 480

Ion Ratio Lower Upper

53 100

52 44.8 67.0 100.4#

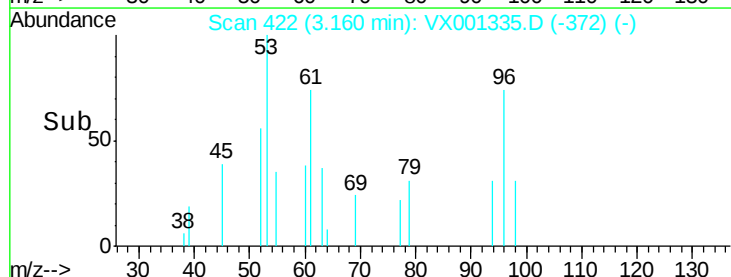
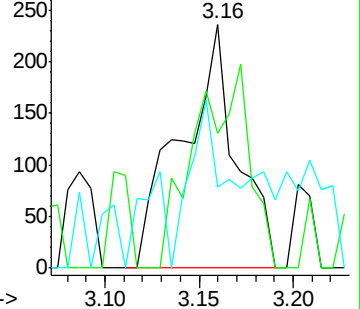
51 44.8 29.9 44.9

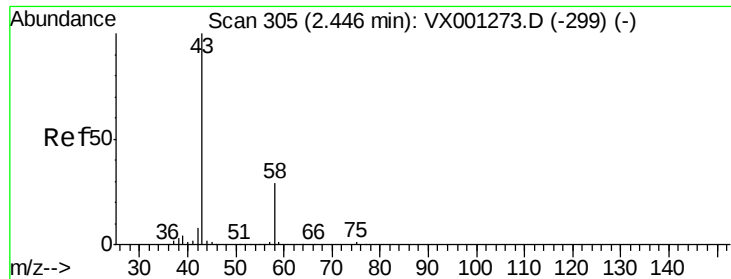


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 14.06 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001335.D

Acq: 03 May 2018 00:18

Instrument :

MSVOA_X

ClientSampleId :

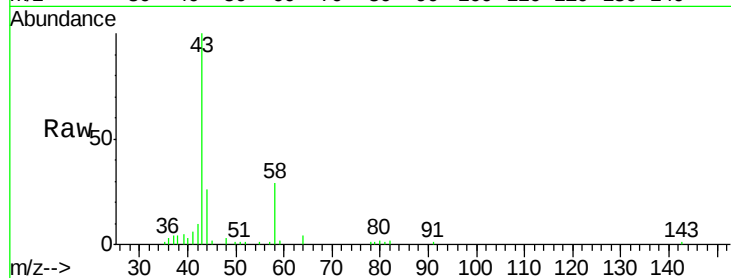
PB108794ZHE#14

Tgt Ion: 43 Resp: 12499

Ion Ratio Lower Upper

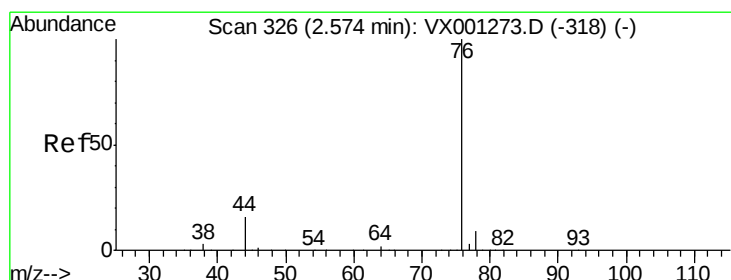
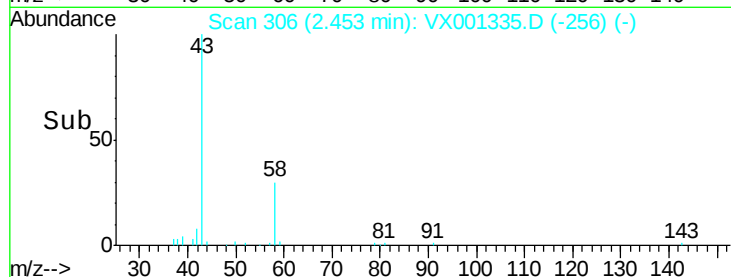
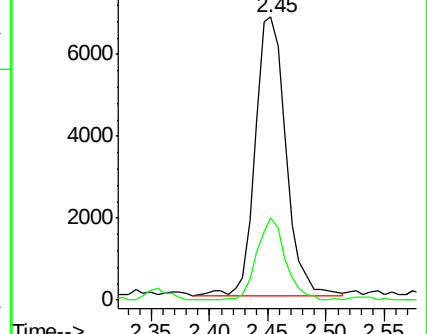
43 100

58 29.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.29 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001335.D

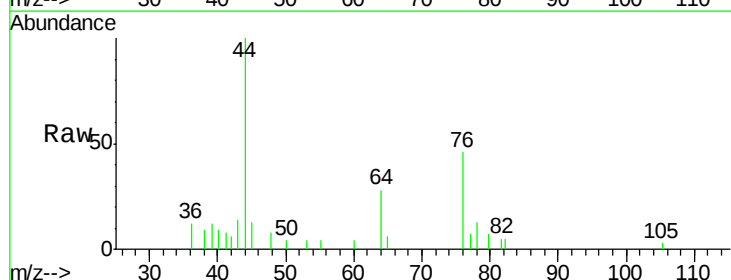
Acq: 03 May 2018 00:18

Tgt Ion: 76 Resp: 1140

Ion Ratio Lower Upper

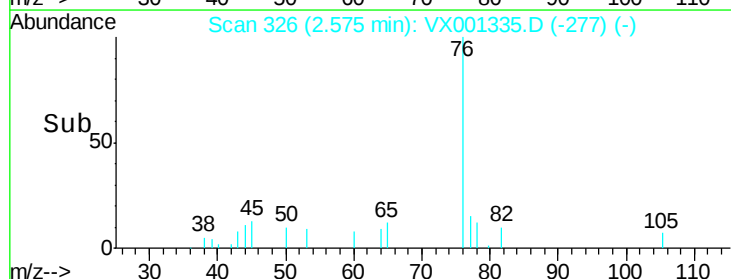
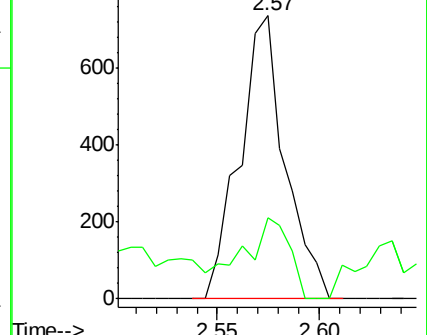
76 100

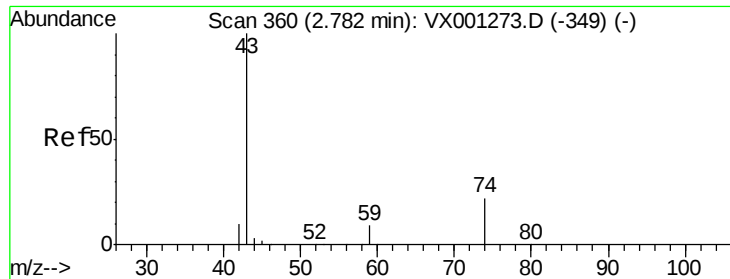
78 16.7 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

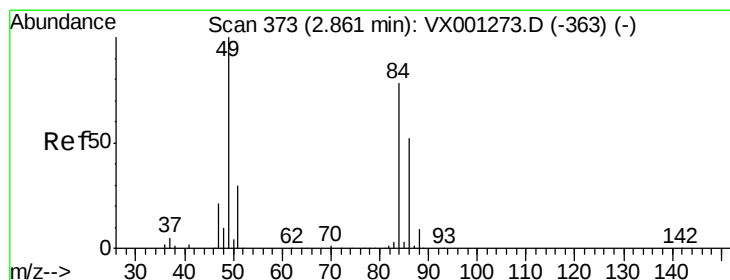
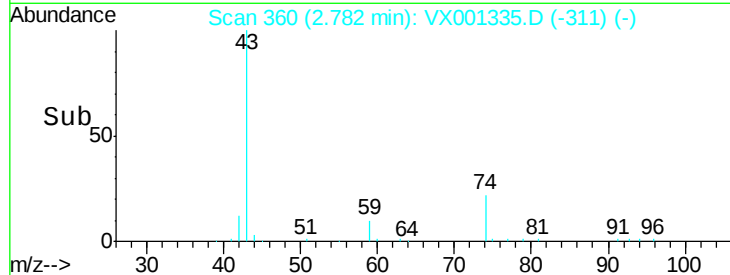
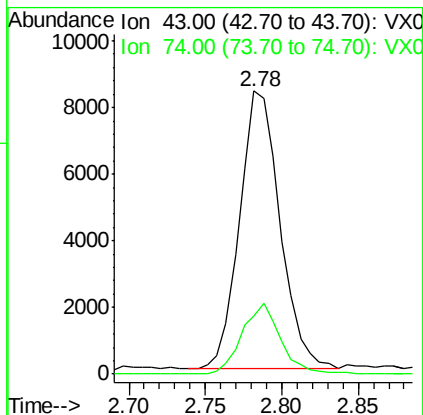
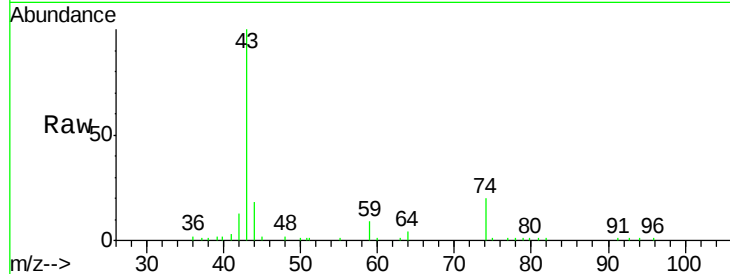




#18
Methyl Acetate
Concen: 7.26 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001335.D
Acq: 03 May 2018 00:18

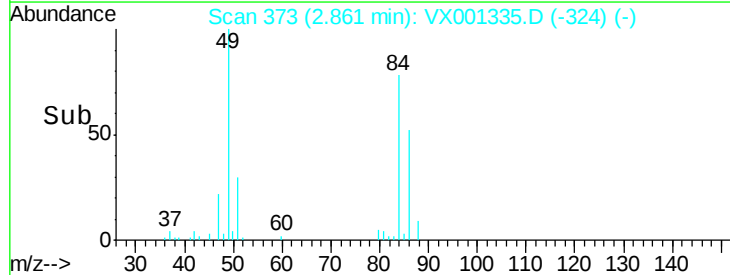
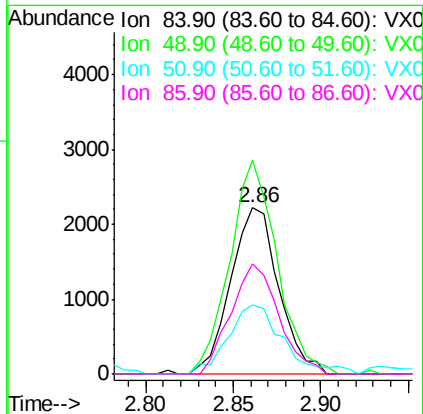
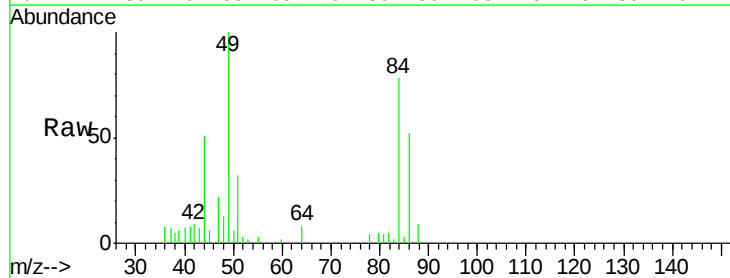
Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#14

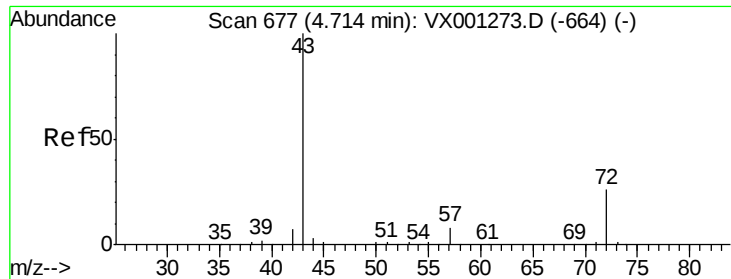
Tgt Ion: 43 Resp: 15238
Ion Ratio Lower Upper
43 100
74 24.6 17.8 26.6



#20
Methylene Chloride
Concen: 1.08 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001335.D
Acq: 03 May 2018 00:18

Tgt Ion: 84 Resp: 4232
Ion Ratio Lower Upper
84 100
49 128.8 102.8 154.2
51 41.3 30.9 46.3
86 66.7 53.0 79.4





#25

2-Butanone

Concen: 3.84 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001335.D

Acq: 03 May 2018 00:18

Instrument :

MSVOA_X

ClientSampleId :

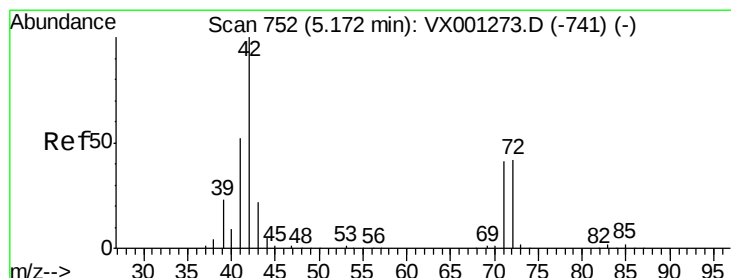
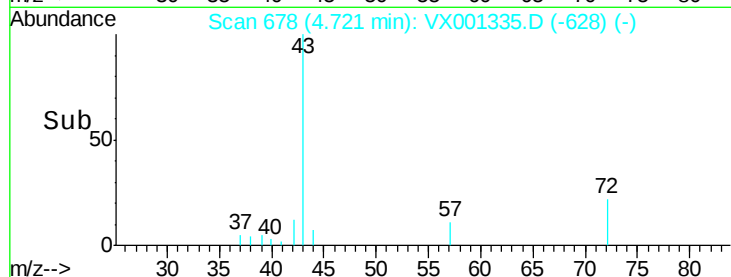
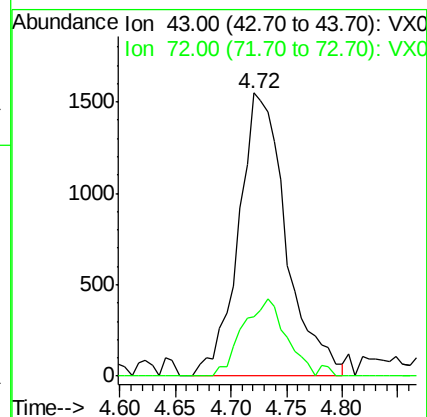
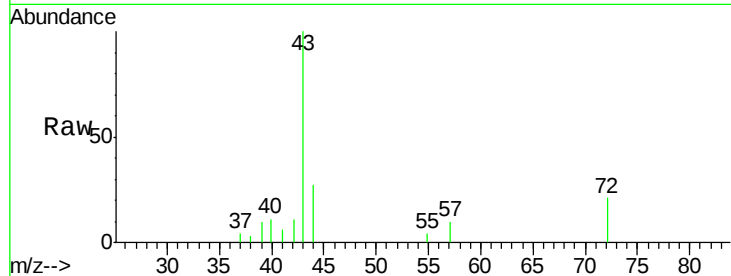
PB108794ZHE#14

Tgt Ion: 43 Resp: 4618

Ion Ratio Lower Upper

43 100

72 21.1 20.5 30.7



#29

Tetrahydrofuran

Concen: 1.47 ug/l

RT: 5.20 min Scan# 756

Delta R.T. 0.02 min

Lab File: VX001335.D

Acq: 03 May 2018 00:18

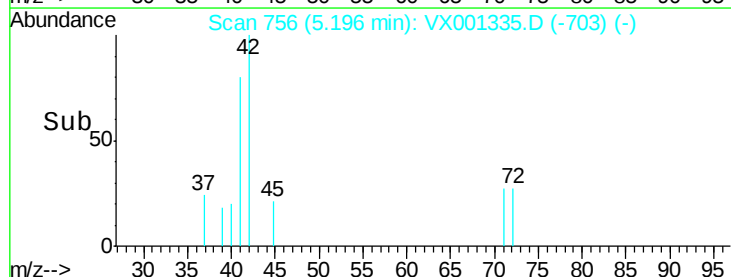
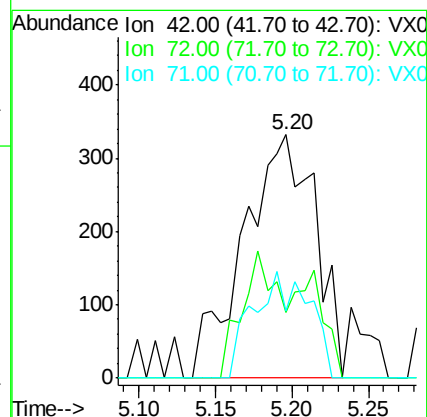
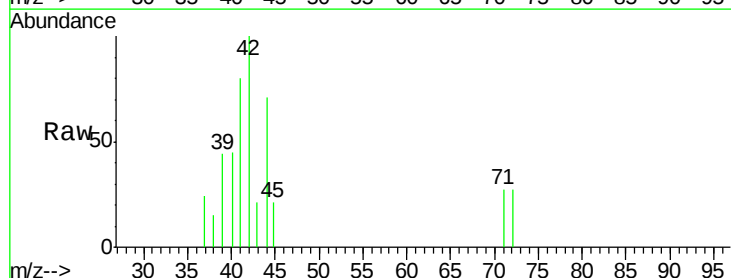
Tgt Ion: 42 Resp: 1086

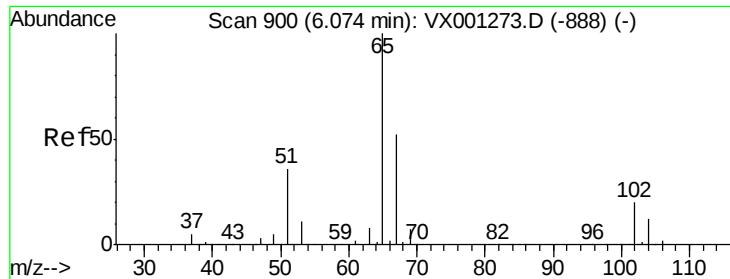
Ion Ratio Lower Upper

42 100

72 26.4 34.6 52.0#

71 34.1 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 44.34 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001335.D

Acq: 03 May 2018 00:18

Instrument :

MSVOA_X

ClientSampleId :

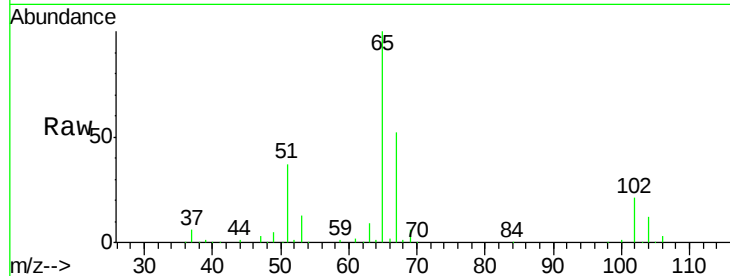
PB108794ZHE#14

Tgt Ion: 65 Resp: 92349

Ion Ratio Lower Upper

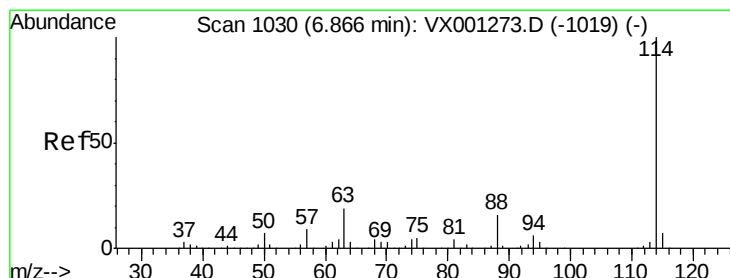
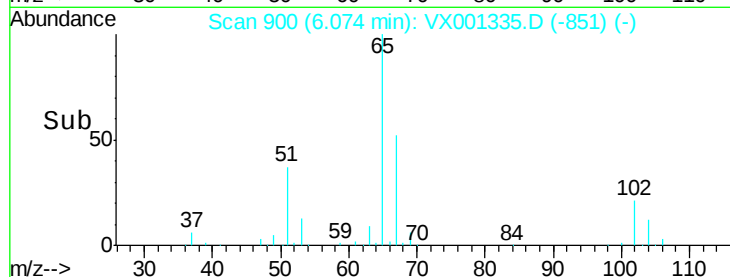
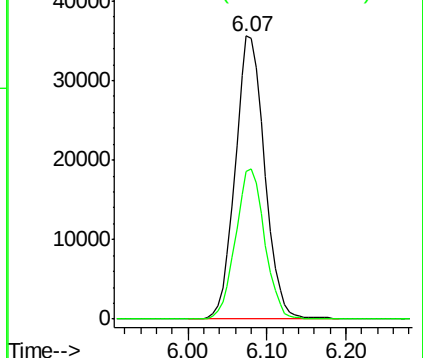
65 100

67 52.8 0.0 102.8



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# 1031

Delta R.T. 0.01 min

Lab File: VX001335.D

Acq: 03 May 2018 00:18

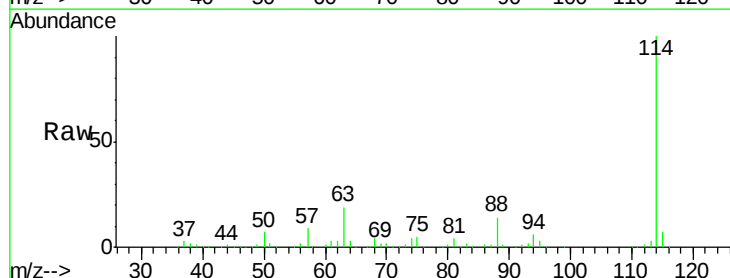
Tgt Ion: 114 Resp: 201039

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.8

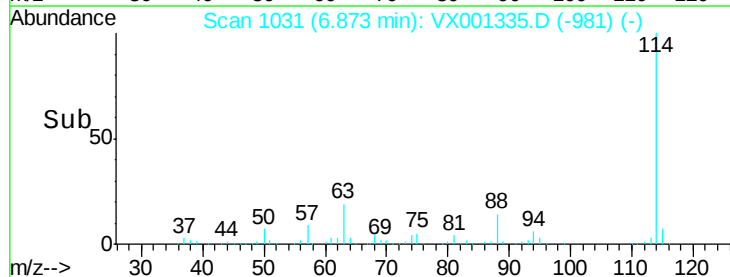
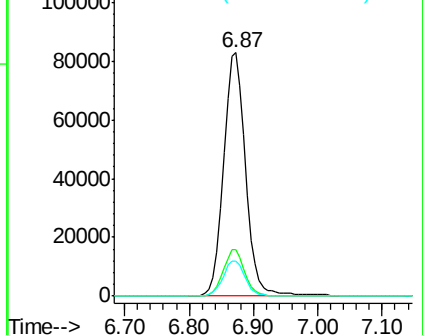
88 14.5 0.0 32.2

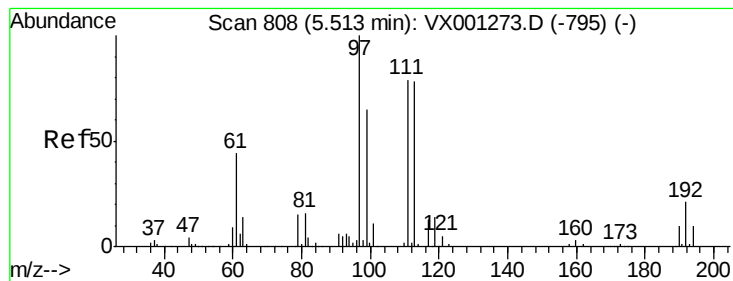


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.17 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001335.D

Acq: 03 May 2018 00:18

Instrument :

MSVOA_X

ClientSampleId :

PB108794ZHE#14

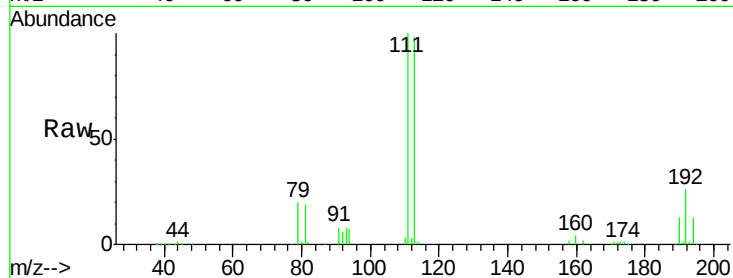
Tgt Ion:113 Resp: 76501

Ion Ratio Lower Upper

113 100

111 101.7 81.2 121.8

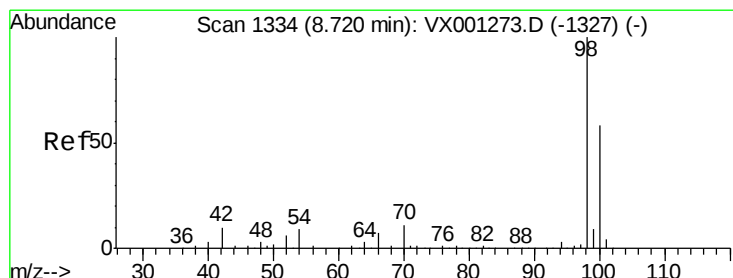
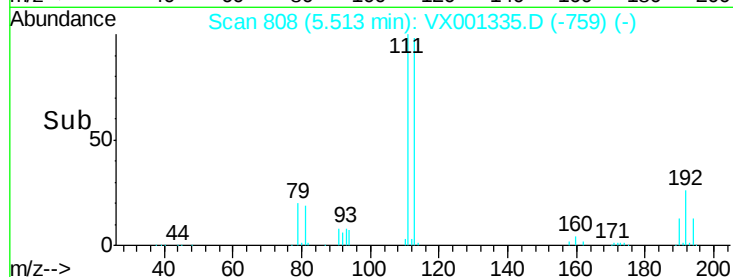
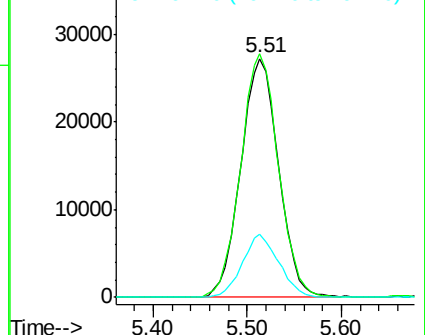
192 25.4 20.7 31.1



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



#50

Toluene-d8

Concen: 45.60 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001335.D

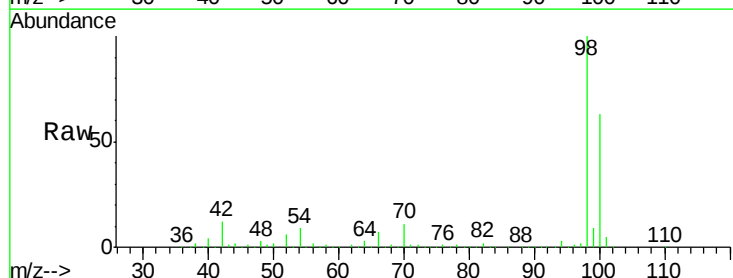
Acq: 03 May 2018 00:18

Tgt Ion: 98 Resp: 282185

Ion Ratio Lower Upper

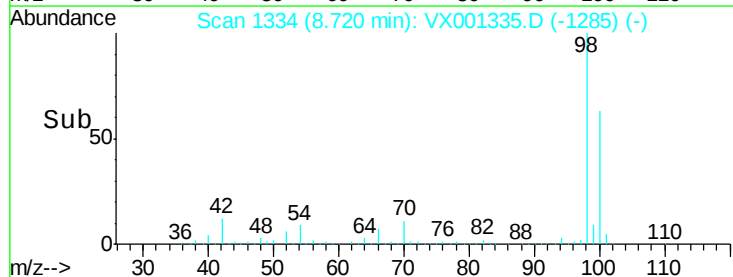
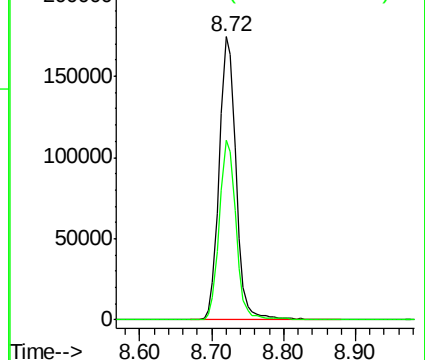
98 100

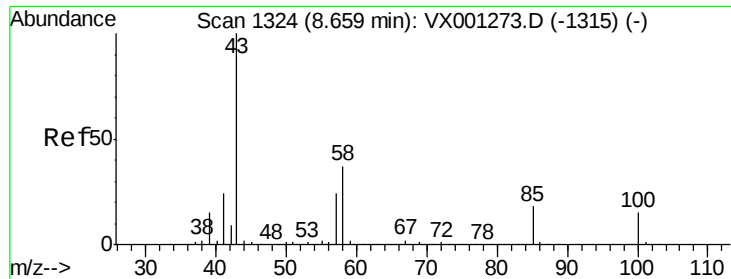
100 63.3 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

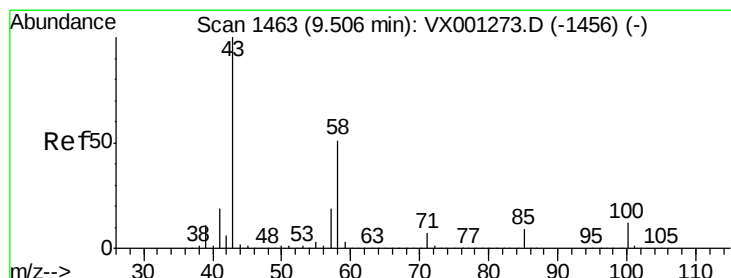
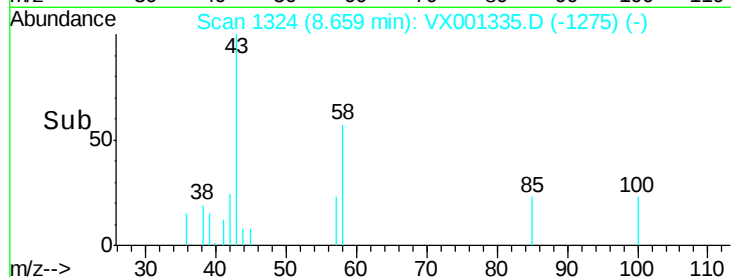
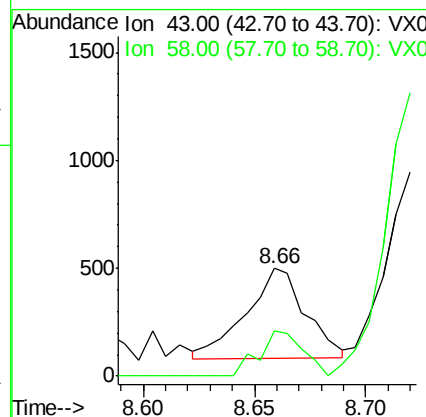
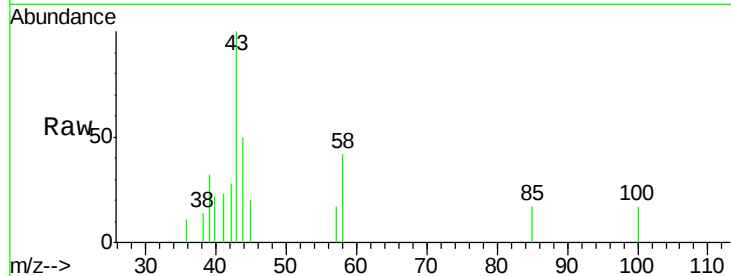




#51
 4-Methyl-2-Pentanone
 Concen: 0.32 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001335.D
 Acq: 03 May 2018 00:18

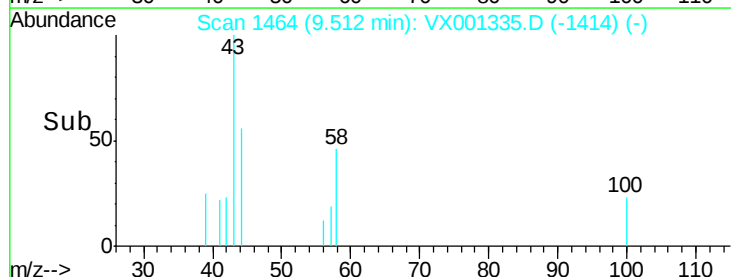
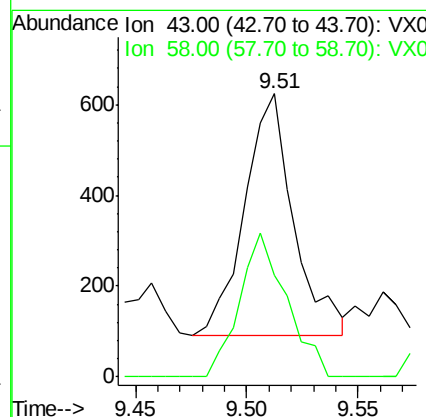
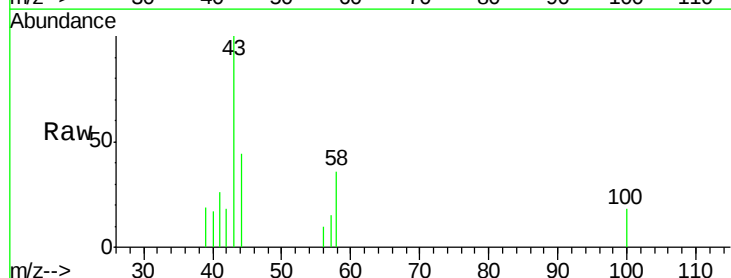
Instrument :
 MSVOA_X
 ClientSampleId :
 PB108794ZHE#14

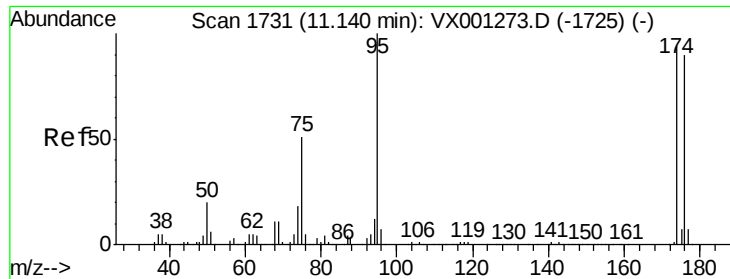
Tgt Ion: 43 Resp: 783
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.0 43.6



#59
 2-Hexanone
 Concen: 0.43 ug/l
 RT: 9.51 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VX001335.D
 Acq: 03 May 2018 00:18

Tgt Ion: 43 Resp: 824
 Ion Ratio Lower Upper
 43 100
 58 56.3 25.7 77.0

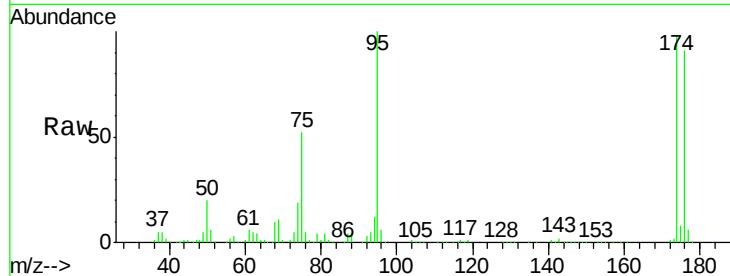




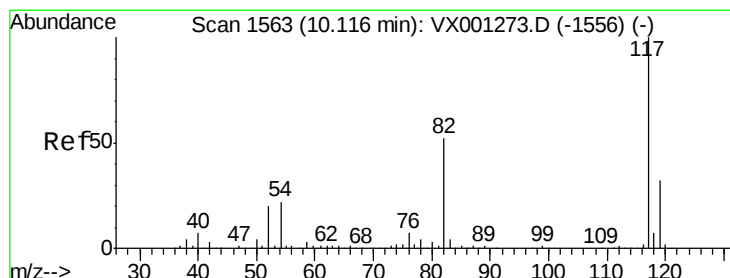
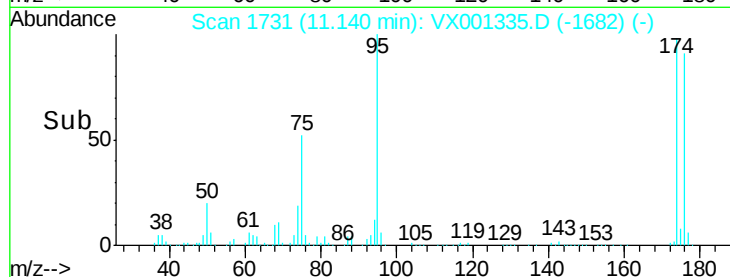
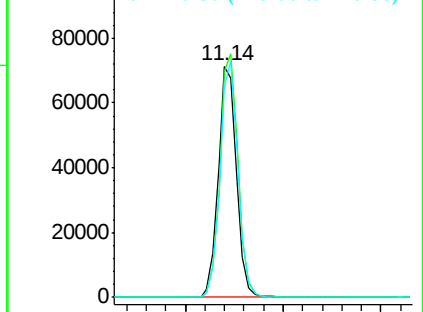
#62
4-Bromofluorobenzene
Concen: 37.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001335.D
Acq: 03 May 2018 00:18

Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#14

Tgt Ion: 95 Resp: 91727
Ion Ratio Lower Upper
95 100
174 104.9 0.0 201.8
176 100.5 0.0 197.2

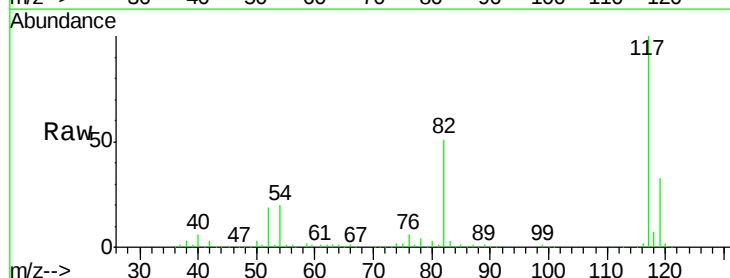


Abundance Ion 94.90 (94.60 to 95.60): VX001273.D (-1725) (-)
Ion 173.80 (173.50 to 174.50): VX001273.D (-1725) (-)
Ion 175.80 (175.50 to 176.50): VX001273.D (-1725) (-)

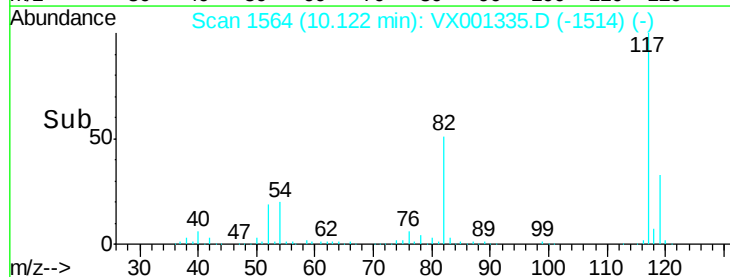
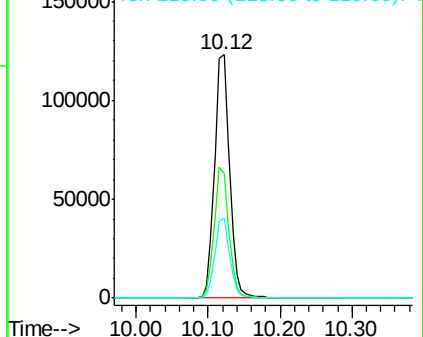


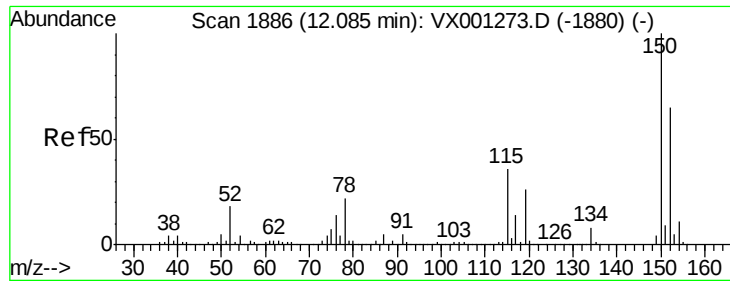
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001335.D
Acq: 03 May 2018 00:18

Tgt Ion: 117 Resp: 179112
Ion Ratio Lower Upper
117 100
82 51.0 41.4 62.0
119 32.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX001273.D (-1556) (-)
Ion 82.00 (81.70 to 82.70): VX001273.D (-1556) (-)
Ion 118.90 (118.60 to 119.60): VX001273.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: VX001335.D

Acq: 03 May 2018 00:18

Instrument :

MSVOA_X

ClientSampleId :

PB108794ZHE#14

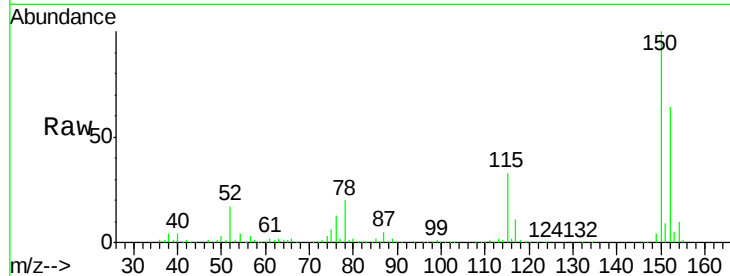
Tgt Ion:152 Resp: 101519

Ion Ratio Lower Upper

152 100

115 52.6 38.6 115.7

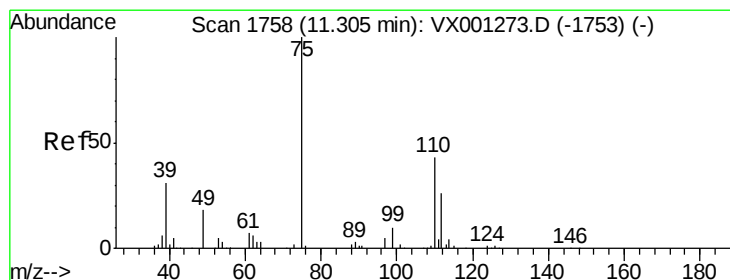
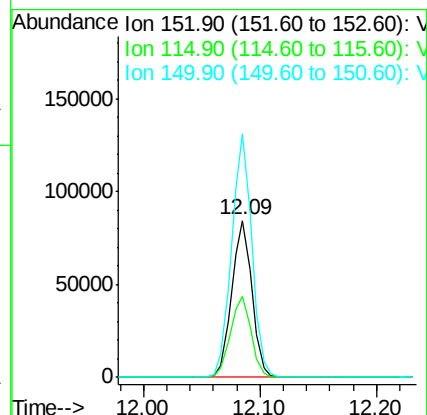
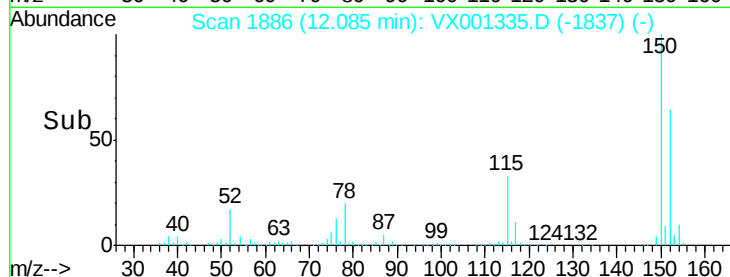
150 155.4 0.0 349.2



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: 25.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001335.D

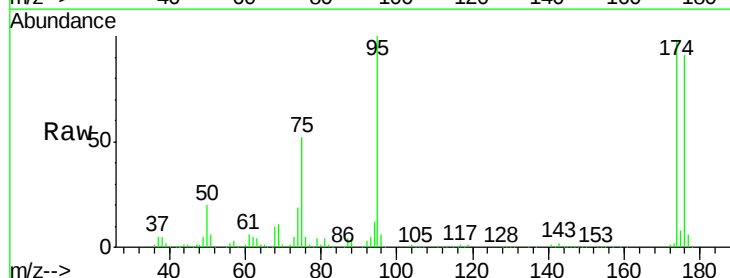
Acq: 03 May 2018 00:18

Tgt Ion: 75 Resp: 47074

Ion Ratio Lower Upper

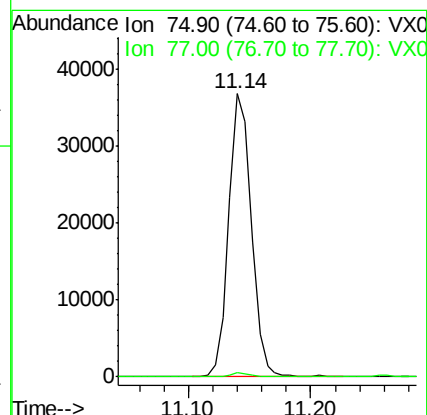
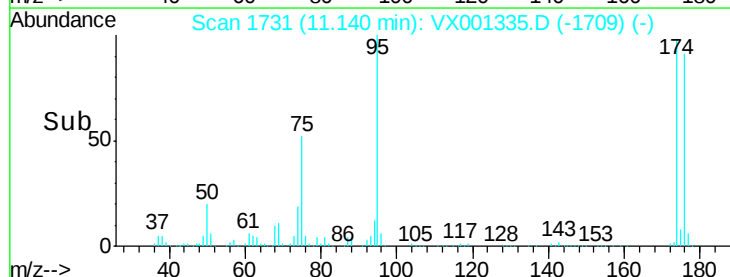
75 100

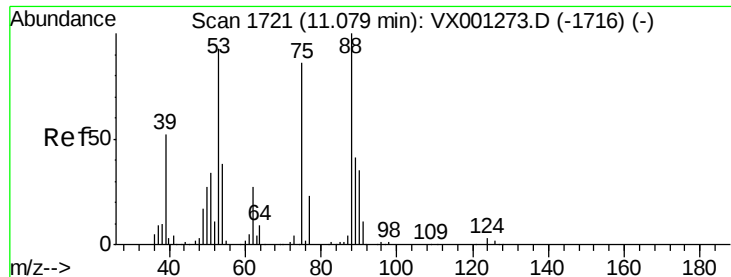
77 1.2 18.9 56.5#



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: 78.87 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001335.D

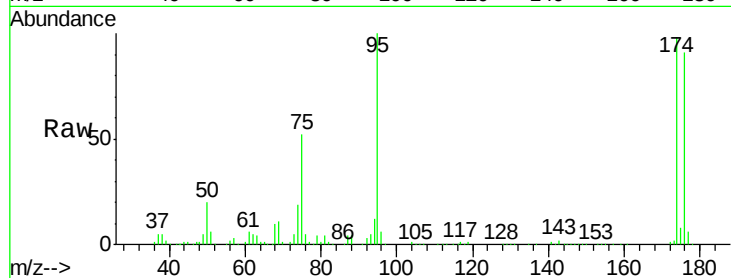
Acq: 03 May 2018 00:18

Instrument :

MSVOA_X

ClientSampleId :

PB108794ZHE#14



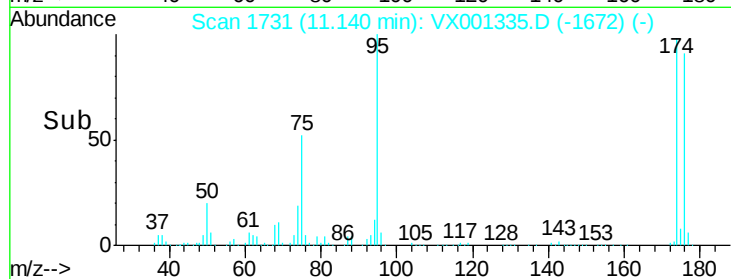
Tgt Ion: 75 Resp: 47074

Ion Ratio Lower Upper

75 100

53 0.0 87.1 130.7#

89 0.0 38.9 58.3#



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

