

Data File : VX001325.D
Acq On : 02 May 2018 18:54
Operator : JC/MD
Sample : PB108794TB 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB108794TB

Quant Time: May 03 05:05:54 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	143985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	197099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	174975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	96520	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	91912	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	5.51	113	76142	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	
50) Toluene-d8	8.72	98	274222	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	
62) 4-Bromofluorobenzene	11.14	95	88118	36.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.64%	

Target Compounds			Qvalue			
5) Bromomethane	1.65	94	700	Below Cal	#	80
6) Chloroethane	1.90	64	2439	2.34	ug/l #	43
10) Methyl Iodide	2.52	142	864	4.78	ug/l #	86
11) Tert butyl alcohol	3.07	59	195	0.57	ug/l #	90
13) Acrolein	2.28	56	127	0.64	ug/l #	1
15) Acrylonitrile	3.15	53	166	0.21	ug/l #	67
16) Acetone	2.45	43	3384	3.98	ug/l	100
18) Methyl Acetate	2.79	43	3964	1.97	ug/l #	86
20) Methylene Chloride	2.86	84	1789	Below Cal	#	85
25) 2-Butanone	4.73	43	1394	1.21	ug/l #	89
31) Cyclohexane	5.67	56	2640	1.08	ug/l #	26
36) 1,1-Dichloropropene	5.67	75	8927	3.92	ug/l #	50
38) Carbon Tetrachloride	5.67	117	12311	5.17	ug/l #	18
59) 2-Hexanone	9.51	43	401	0.21	ug/l #	58
76) 1,2,3-Trichloropropane	11.14	75	44435	24.90	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	44435	78.34	ug/l #	6

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

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ALS Vial : 18 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

PB108794TB

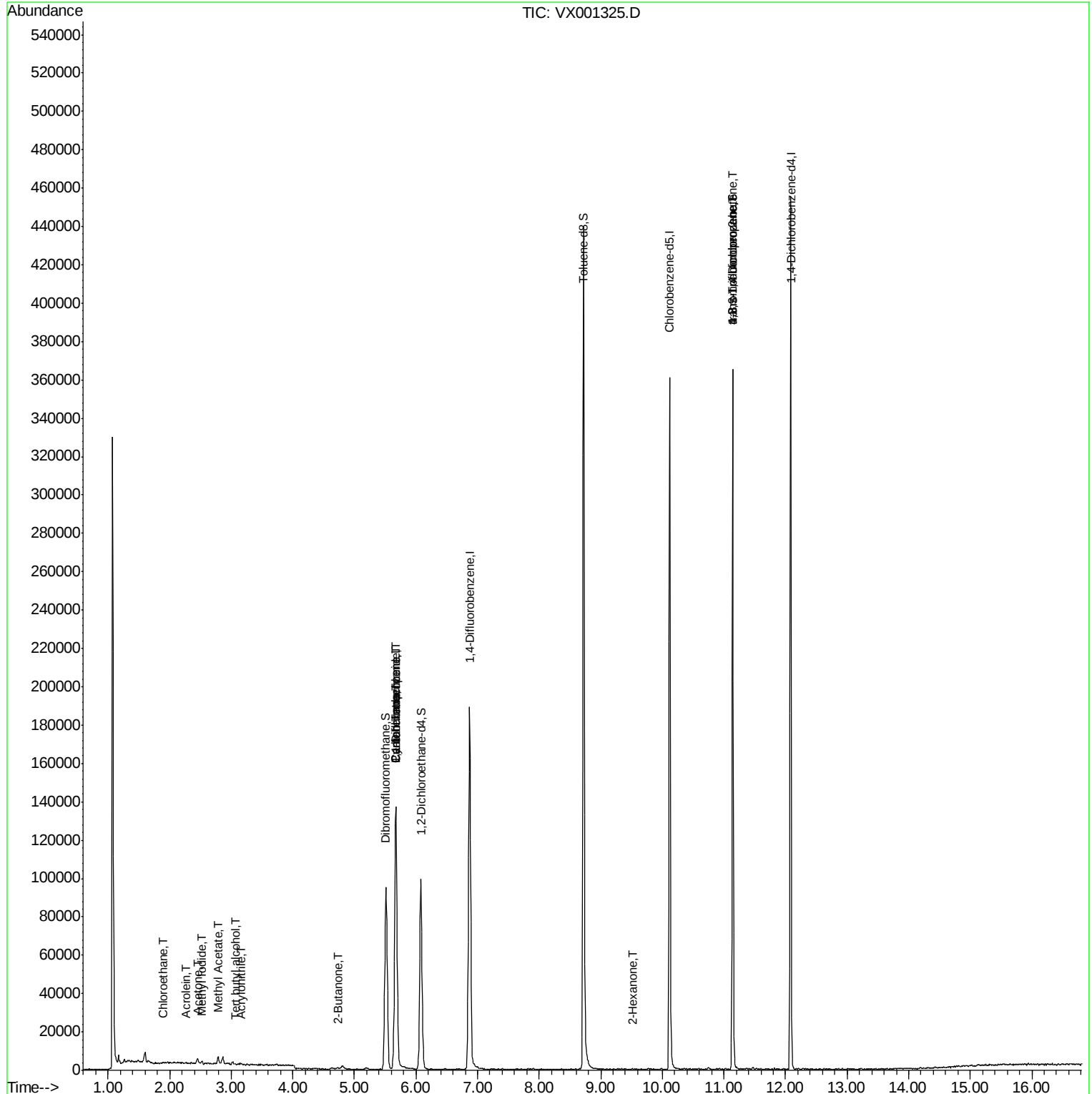
Quant Time: May 03 05:05:54 2018

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: VX001325.D

Acq: 02 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

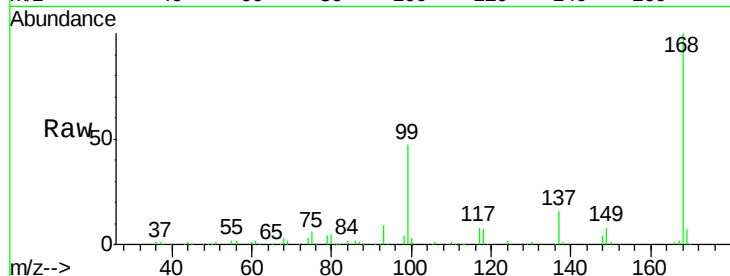
PB108794TB

Tgt Ion:168 Resp: 143985

Ion Ratio Lower Upper

168 100

99 46.6 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

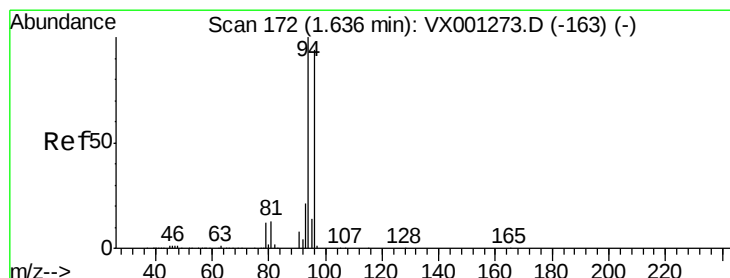
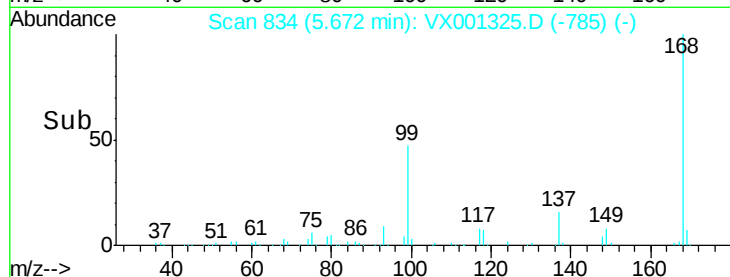
30000

20000

10000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001325.D

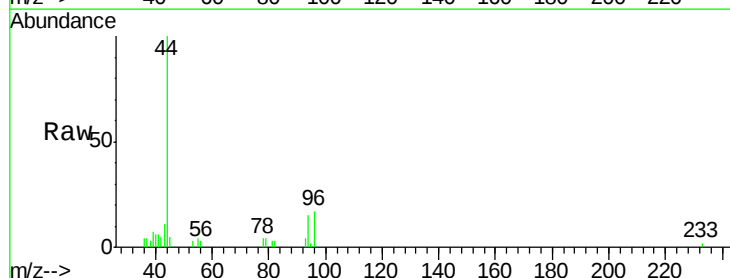
Acq: 02 May 2018 18:54

Tgt Ion: 94 Resp: 700

Ion Ratio Lower Upper

94 100

96 114.1 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

400

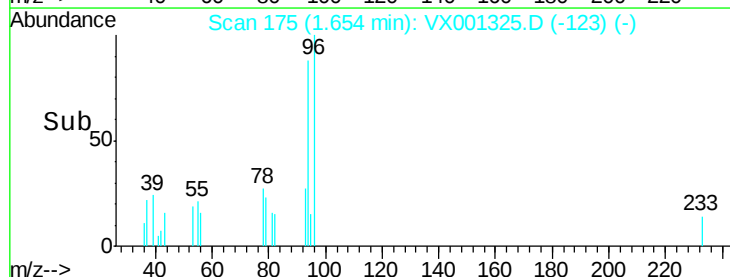
300

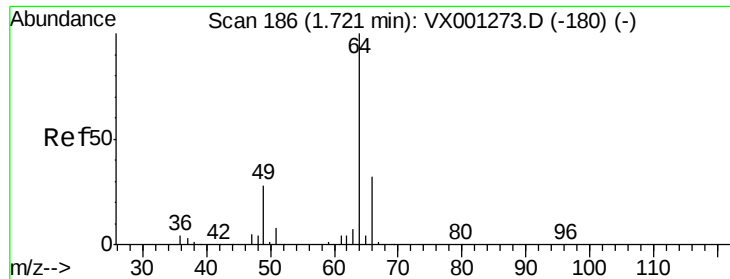
200

100

0

Time-->





#6

Chloroethane

Concen: 2.34 ug/l

RT: 1.90 min Scan# 216

Delta R.T. 0.18 min

Lab File: VX001325.D

Acq: 02 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

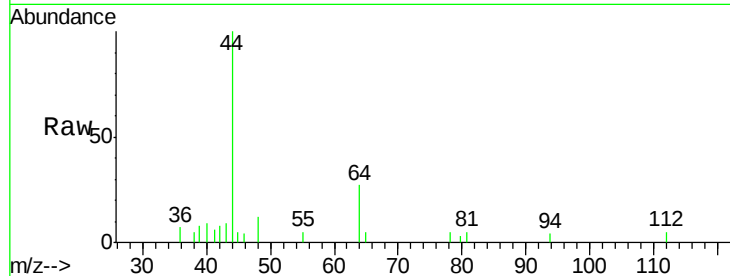
PB108794TB

Tgt Ion: 64 Resp: 2439

Ion Ratio Lower Upper

64 100

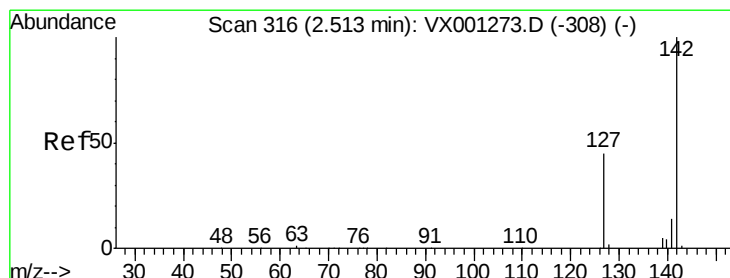
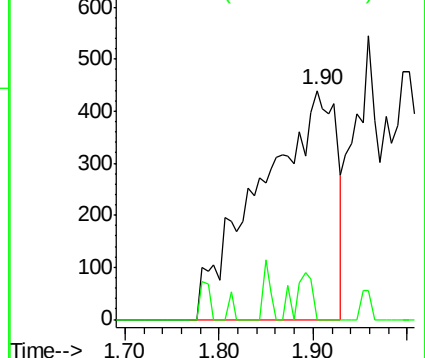
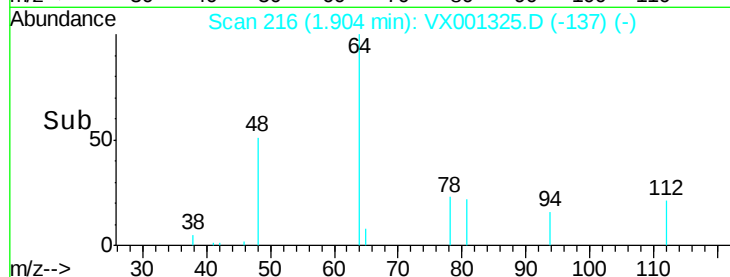
66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VX001325.D (-137) (-)

Ion 65.90 (65.60 to 66.60): VX001325.D (-137) (-)

Time-->



#10

Methyl Iodide

Concen: 4.78 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001325.D

Acq: 02 May 2018 18:54

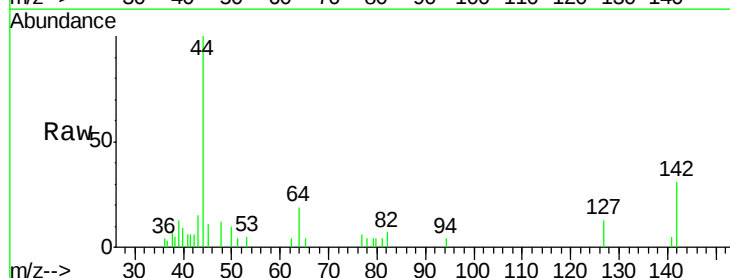
Tgt Ion: 142 Resp: 864

Ion Ratio Lower Upper

142 100

127 49.7 35.7 53.5

141 0.0 11.4 17.0#

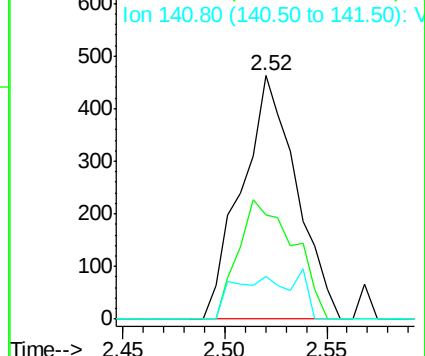
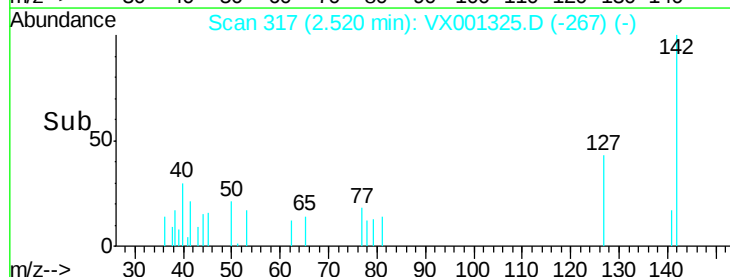


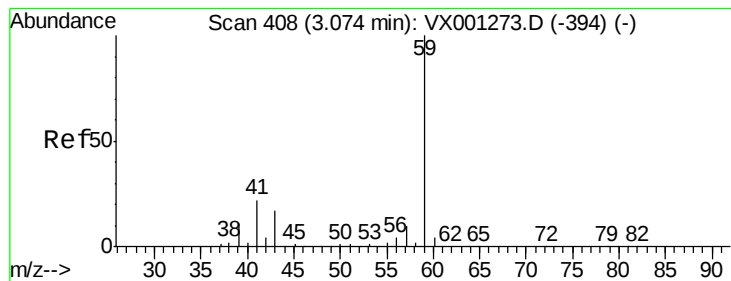
Abundance Ion 141.80 (141.50 to 142.50): VX001325.D (-267) (-)

Ion 126.80 (126.50 to 127.50): VX001325.D (-267) (-)

Ion 140.80 (140.50 to 141.50): VX001325.D (-267) (-)

Time-->





#11

Tert butyl alcohol

Concen: 0.57 ug/l

RT: 3.07 min Scan# 408

Delta R.T. 0.00 min

Lab File: VX001325.D

Acq: 02 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

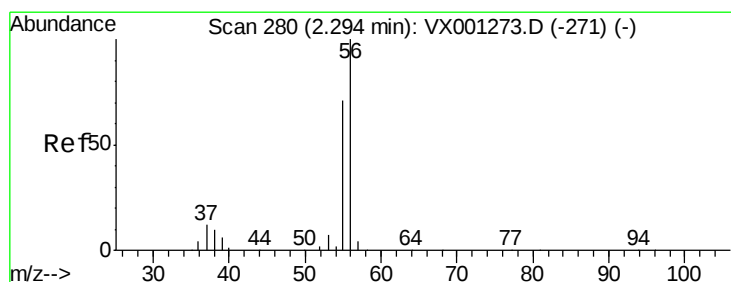
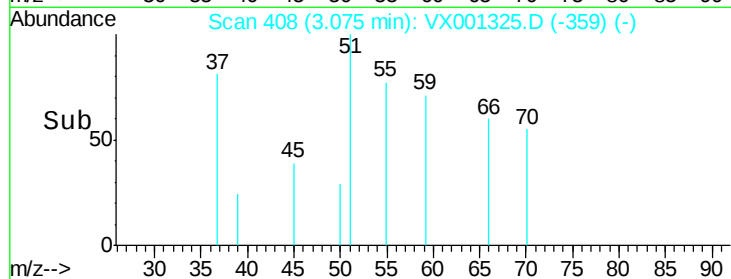
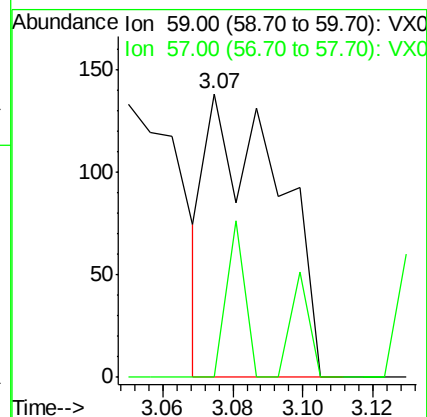
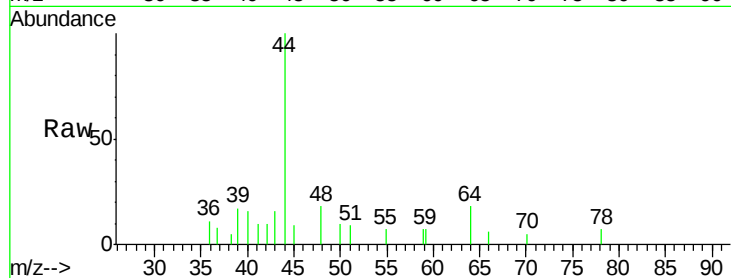
PB108794TB

Tgt Ion: 59 Resp: 195

Ion Ratio Lower Upper

59 100

57 14.4 8.6 12.8#



#13

Acrolein

Concen: 0.64 ug/l

RT: 2.28 min Scan# 277

Delta R.T. -0.02 min

Lab File: VX001325.D

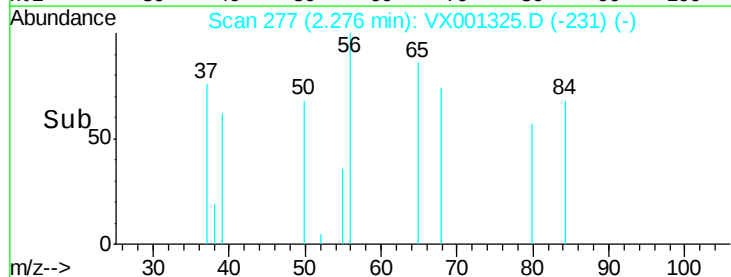
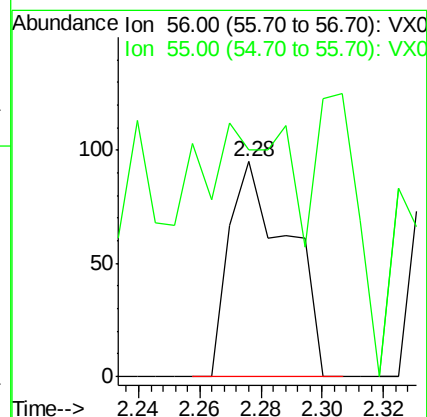
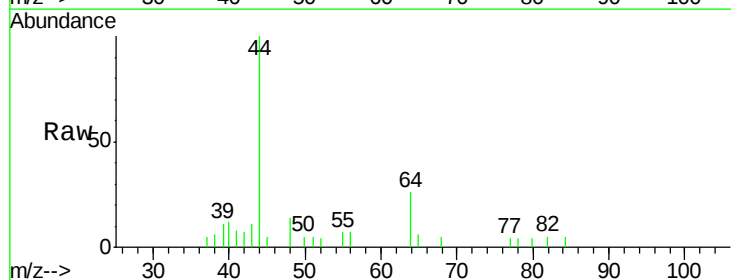
Acq: 02 May 2018 18:54

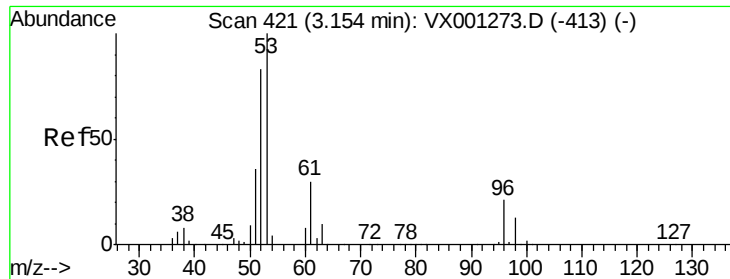
Tgt Ion: 56 Resp: 127

Ion Ratio Lower Upper

56 100

55 190.6 57.2 85.8#

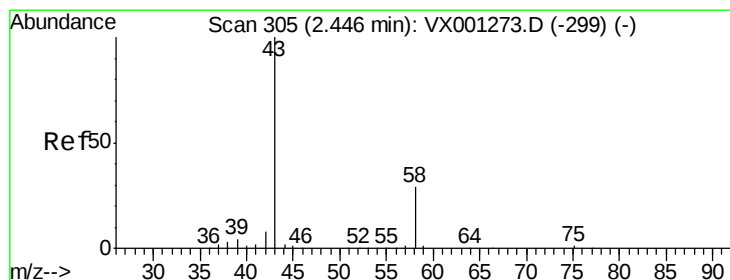
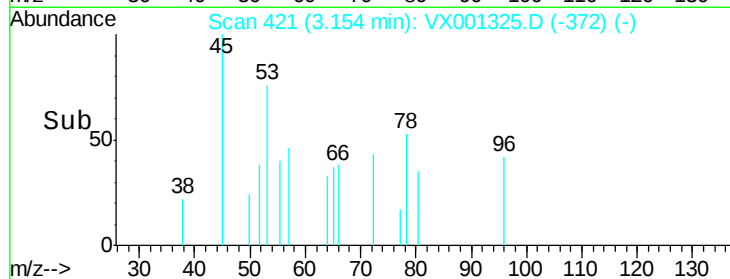
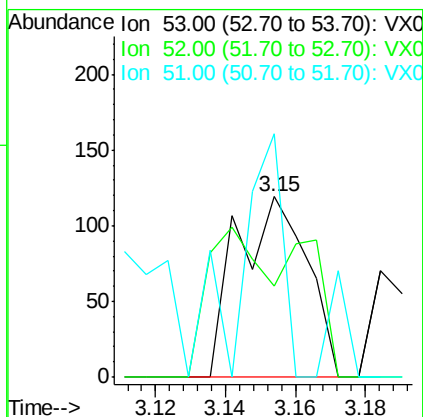
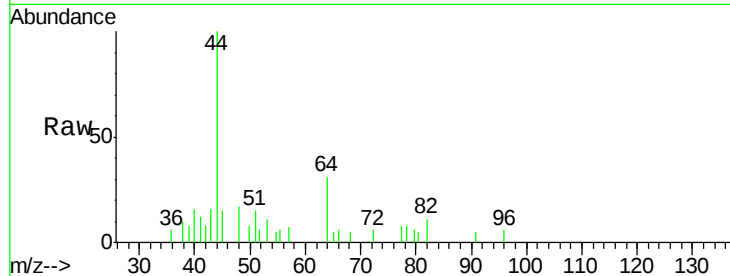




#15
 Acrylonitrile
 Concen: 0.21 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX001325.D
 Acq: 02 May 2018 18:54

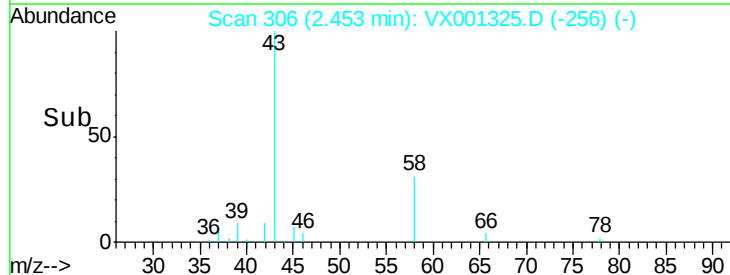
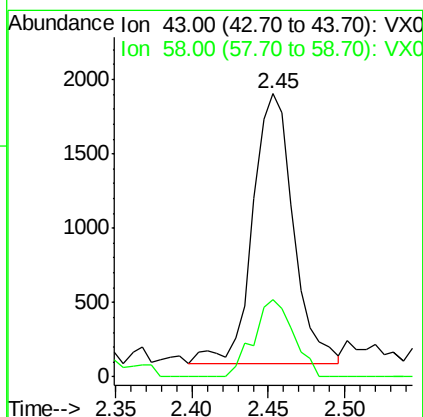
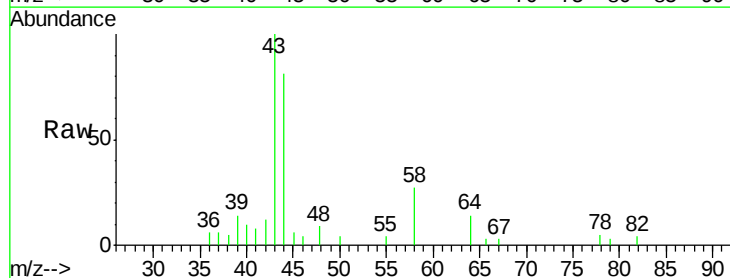
Instrument :
 MSVOA_X
 ClientSampled :
 PB108794TB

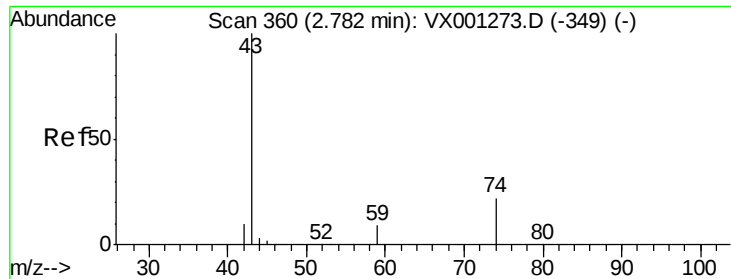
Tgt Ion: 53 Resp: 166
 Ion Ratio Lower Upper
 53 100
 52 70.5 67.0 100.4
 51 81.3 29.9 44.9#



#16
 Acetone
 Concen: 3.98 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.01 min
 Lab File: VX001325.D
 Acq: 02 May 2018 18:54

Tgt Ion: 43 Resp: 3384
 Ion Ratio Lower Upper
 43 100
 58 28.7 22.8 34.2

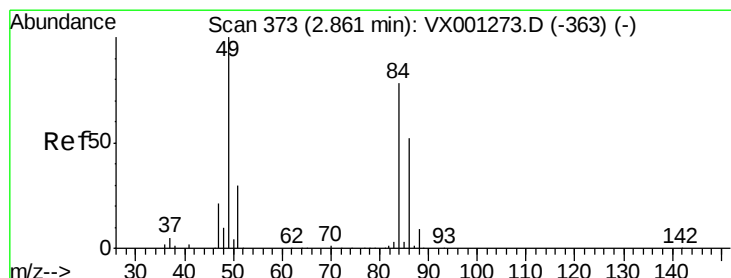
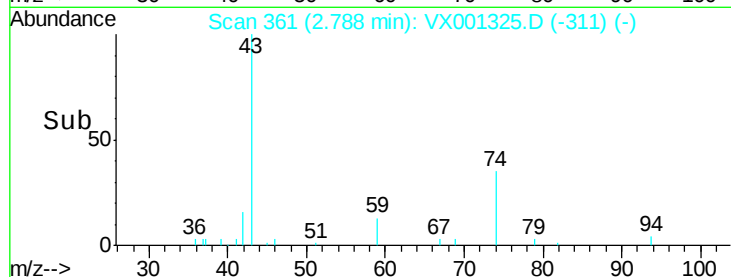
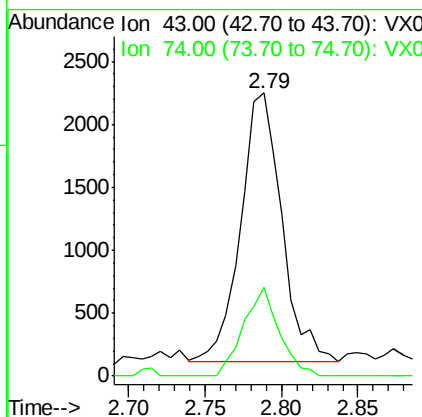
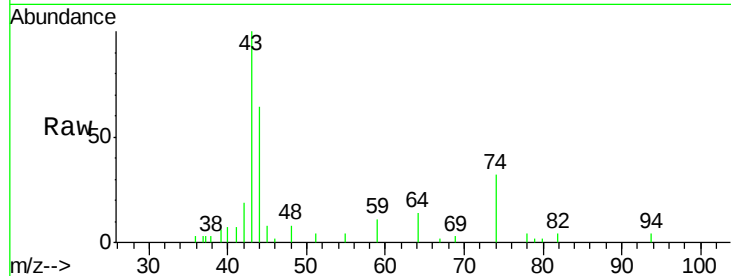




#18
Methyl Acetate
Concen: 1.97 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001325.D
Acq: 02 May 2018 18:54

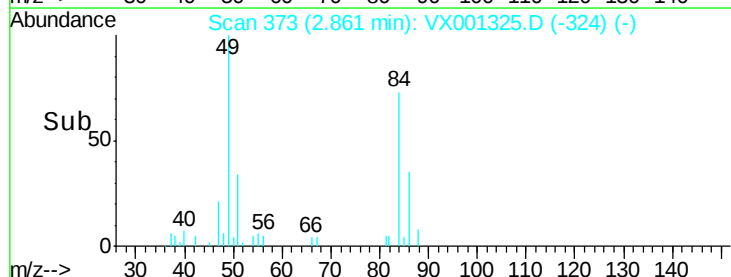
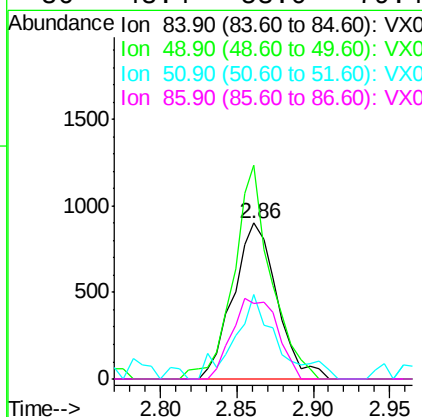
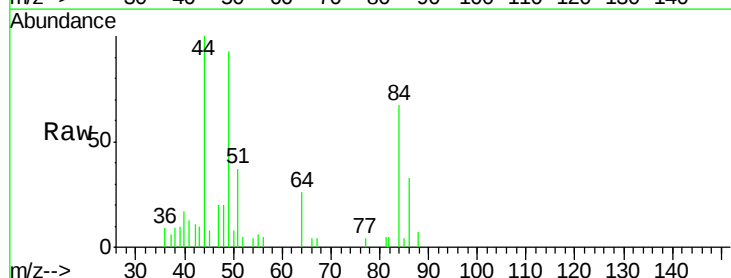
Instrument :
MSVOA_X
ClientSampleId :
PB108794TB

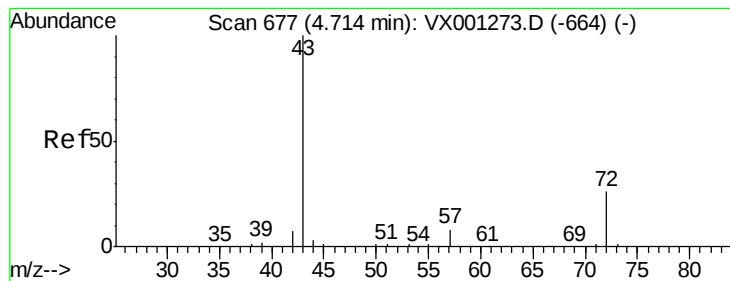
Tgt Ion: 43 Resp: 3964
Ion Ratio Lower Upper
43 100
74 28.8 17.8 26.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001325.D
Acq: 02 May 2018 18:54

Tgt Ion: 84 Resp: 1789
Ion Ratio Lower Upper
84 100
49 137.2 102.8 154.2
51 54.3 30.9 46.3#
86 48.4 53.0 79.4#





#25

2-Butanone

Concen: 1.21 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001325.D

Acq: 02 May 2018 18:54

Instrument :

MSVOA_X

ClientSampled :

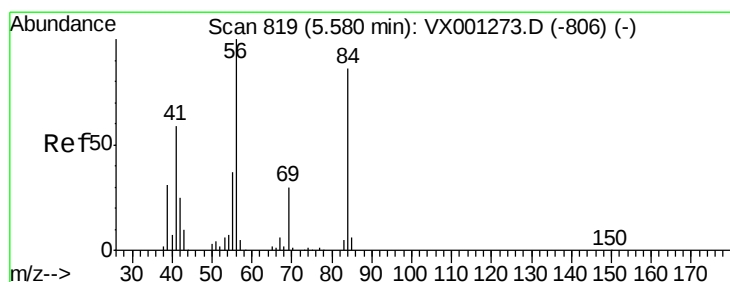
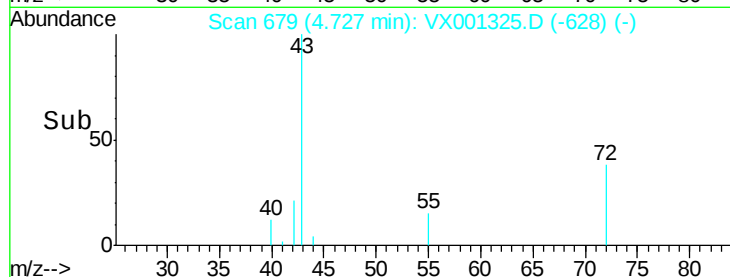
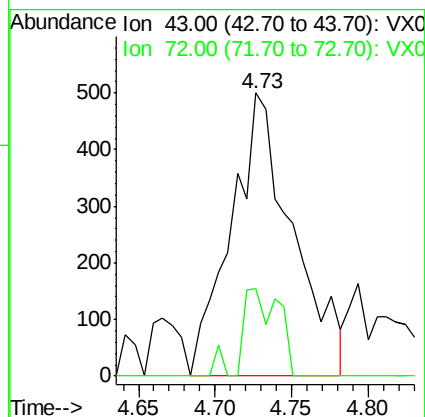
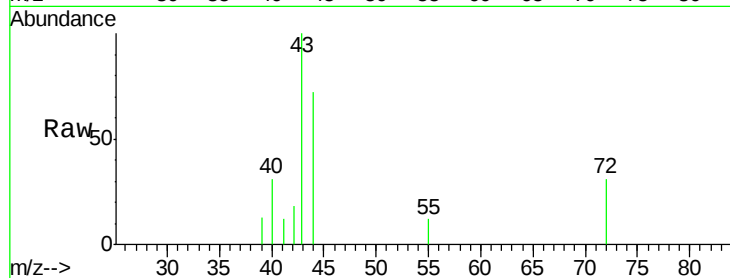
PB108794TB

Tgt Ion: 43 Resp: 1394

Ion Ratio Lower Upper

43 100

72 31.0 20.5 30.7#



#31

Cyclohexane

Concen: 1.08 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001325.D

Acq: 02 May 2018 18:54

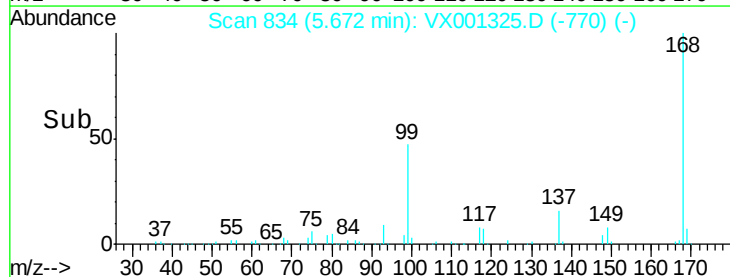
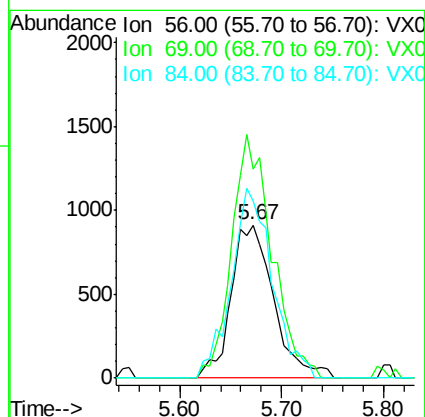
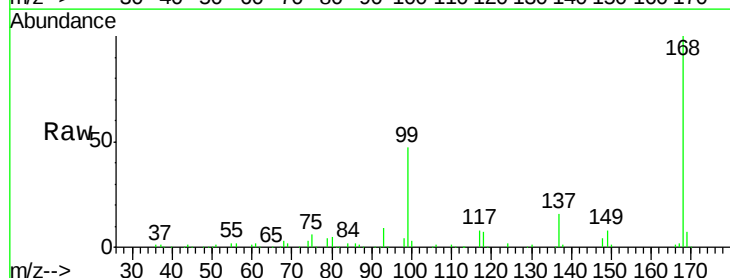
Tgt Ion: 56 Resp: 2640

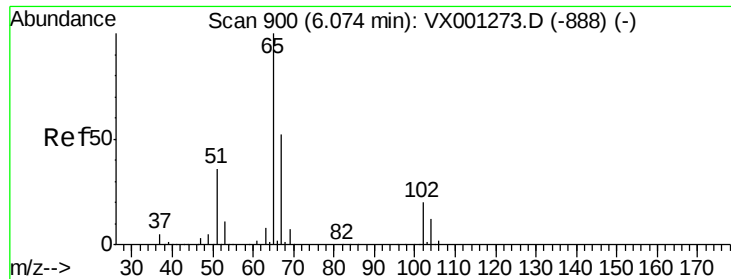
Ion Ratio Lower Upper

56 100

69 136.5 24.0 36.0#

84 115.5 69.0 103.4#





#33

1,2-Dichloroethane-d4

Concen: 46.11 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001325.D

Acq: 02 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

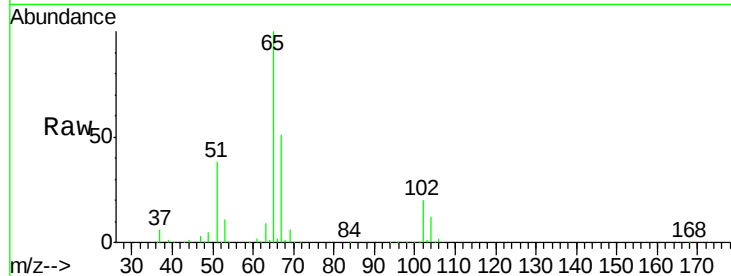
PB108794TB

Tgt Ion: 65 Resp: 91912

Ion Ratio Lower Upper

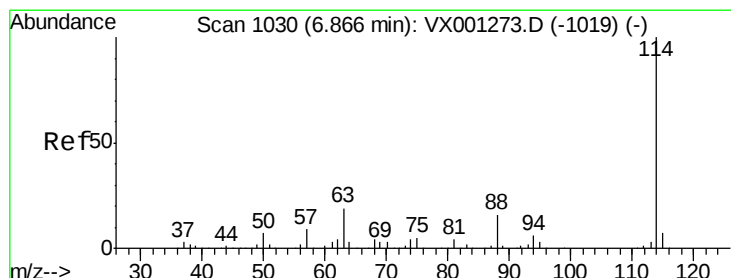
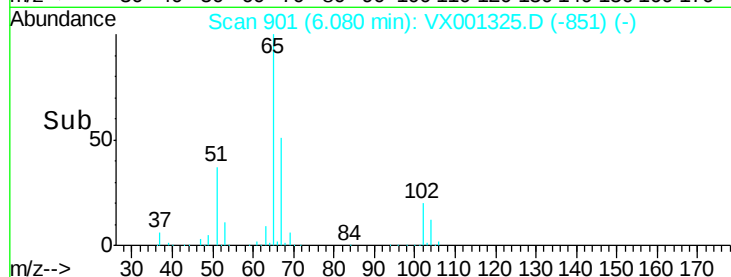
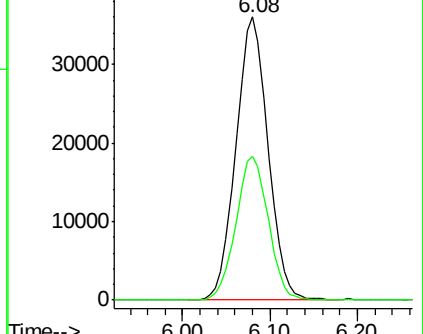
65 100

67 51.2 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: VX001325.D

Acq: 02 May 2018 18:54

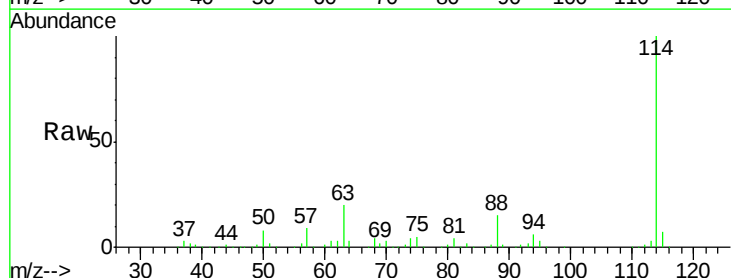
Tgt Ion: 114 Resp: 197099

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

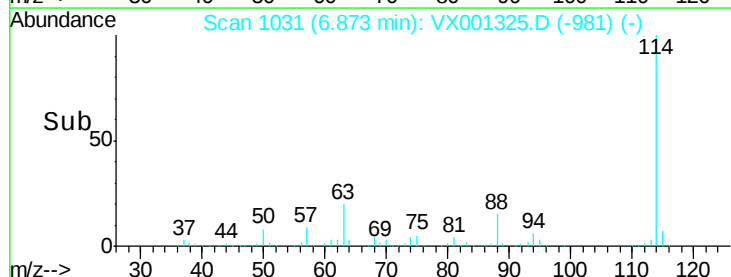
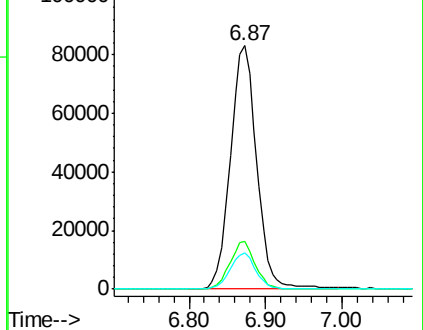
88 14.8 0.0 32.2

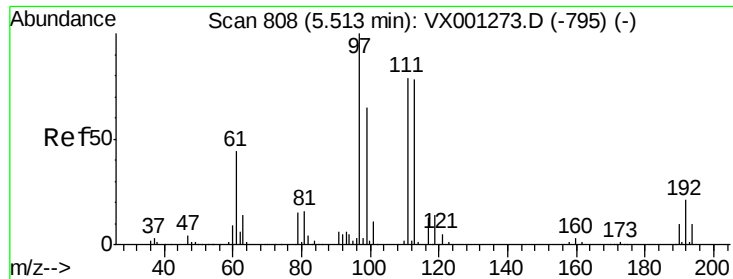


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

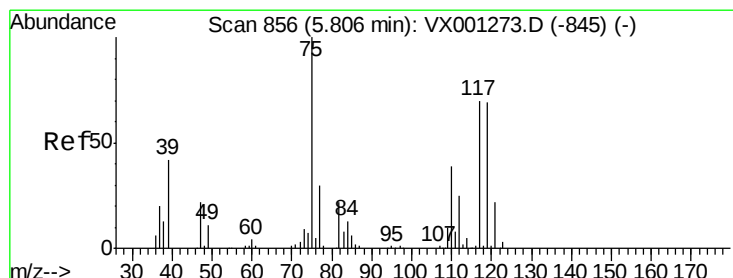
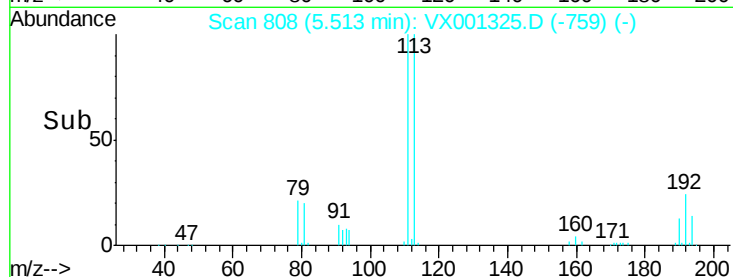
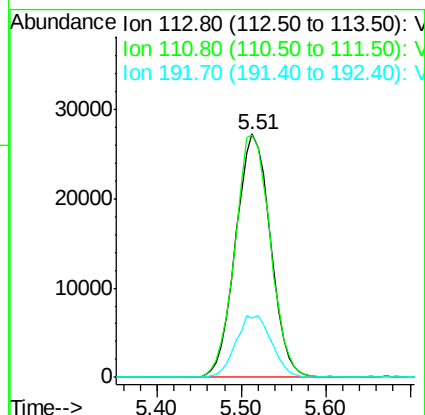
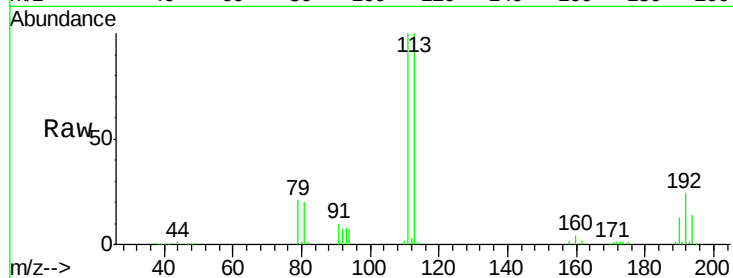




#35
 Dibromofluoromethane
 Concen: 44.84 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001325.D
 Acq: 02 May 2018 18:54

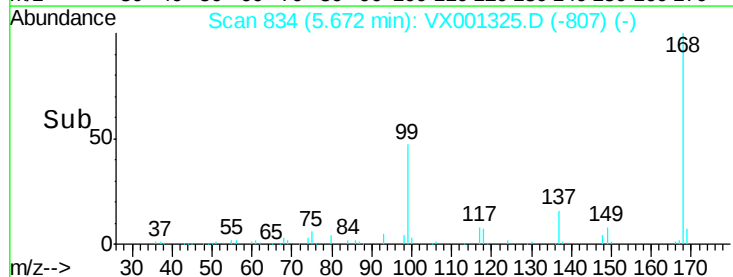
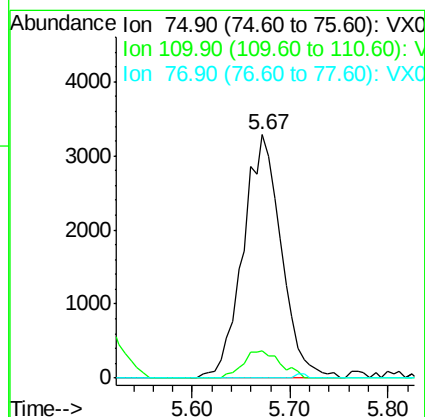
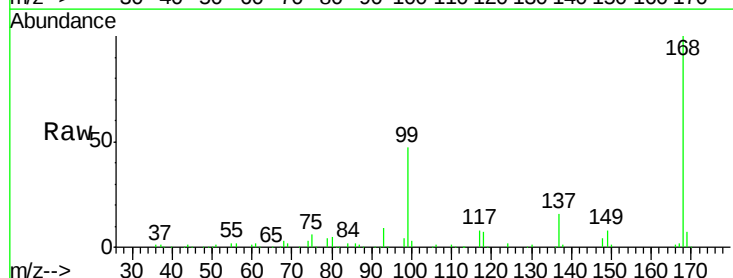
Instrument :
 MSVOA_X
 ClientSampleId :
 PB108794TB

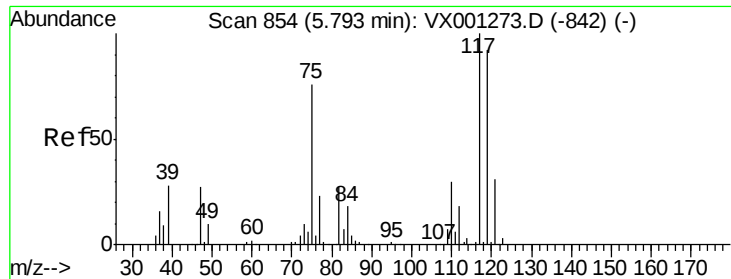
Tgt Ion:113 Resp: 76142
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.2 121.8
 192 26.1 20.7 31.1



#36
 1,1-Dichloropropene
 Concen: 3.92 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001325.D
 Acq: 02 May 2018 18:54

Tgt Ion: 75 Resp: 8927
 Ion Ratio Lower Upper
 75 100
 110 11.0 18.9 56.9#
 77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 5.17 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001325.D

Acq: 02 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

PB108794TB

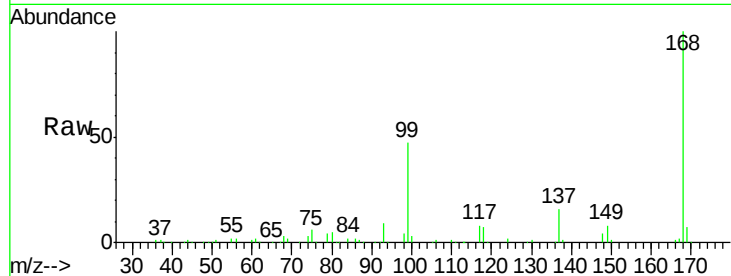
Tgt Ion:117 Resp: 12311

Ion Ratio Lower Upper

117 100

119 5.2 73.4 110.2#

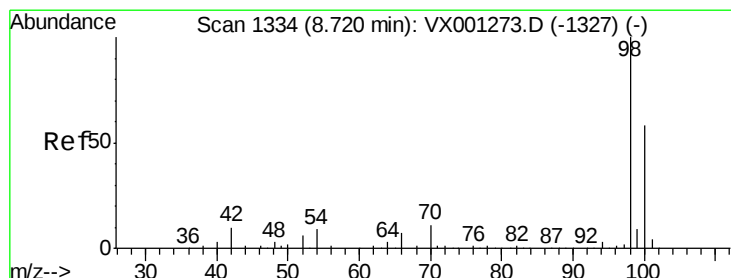
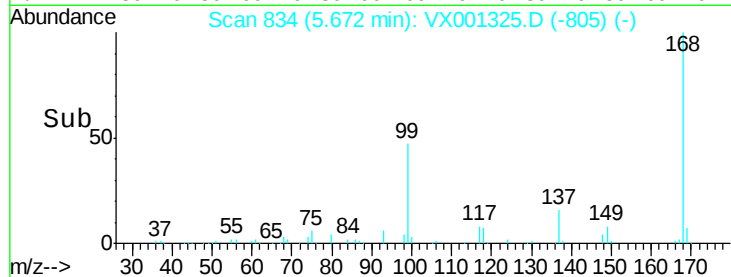
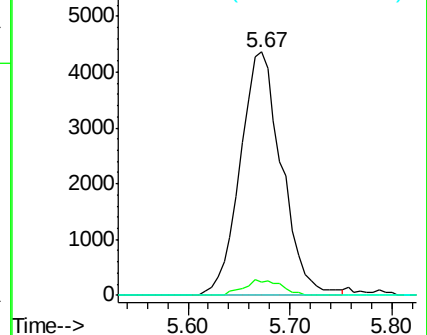
121 0.0 25.0 37.4#



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: 45.20 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001325.D

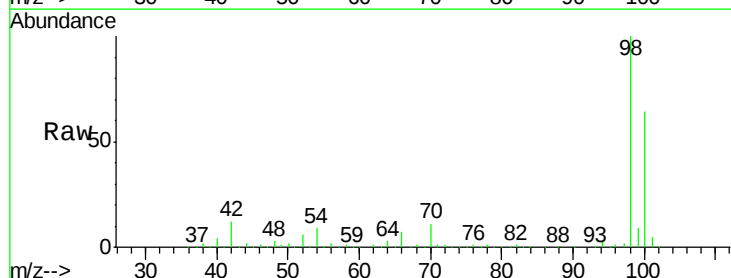
Acq: 02 May 2018 18:54

Tgt Ion: 98 Resp: 274222

Ion Ratio Lower Upper

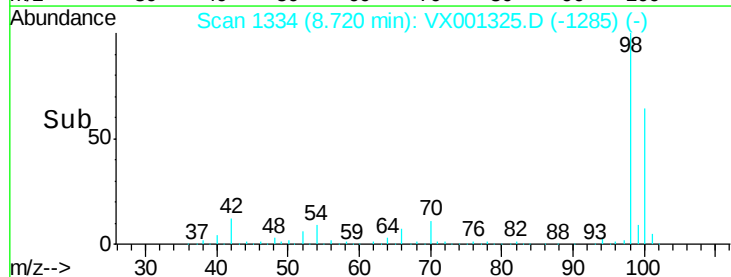
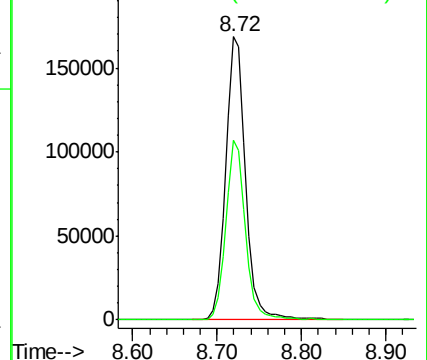
98 100

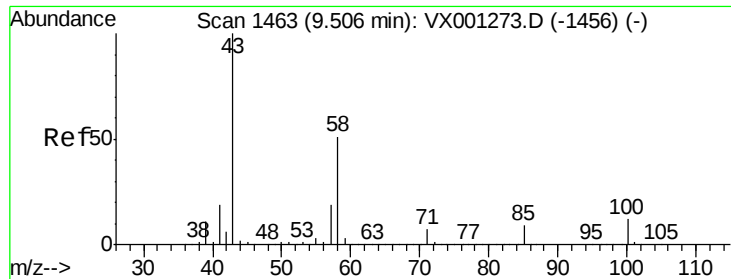
100 62.8 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

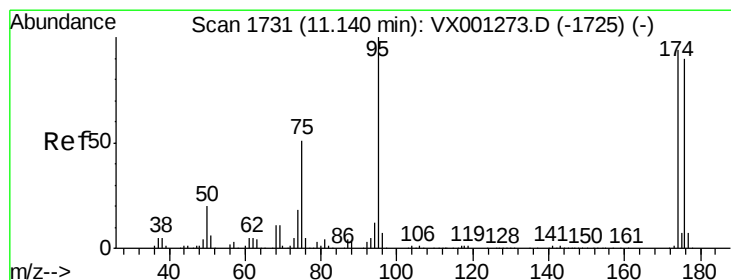
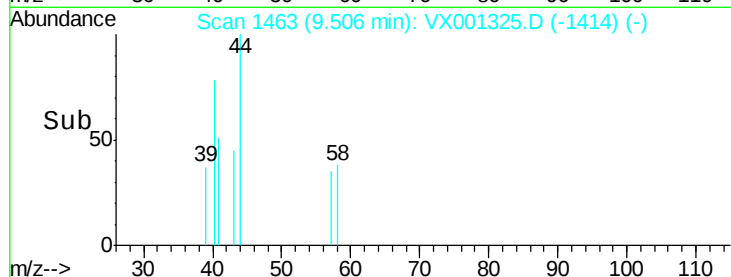
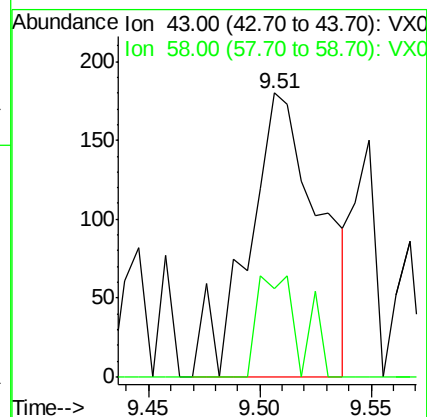
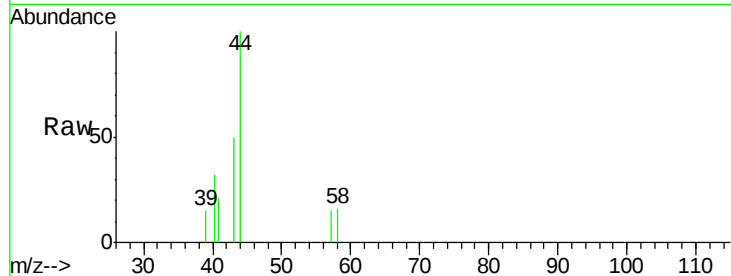




#59
2-Hexanone
Concen: 0.21 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001325.D
Acq: 02 May 2018 18:54

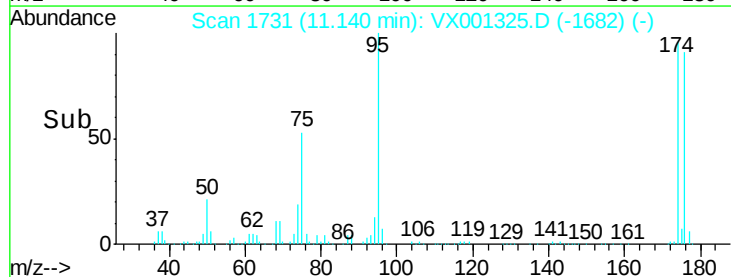
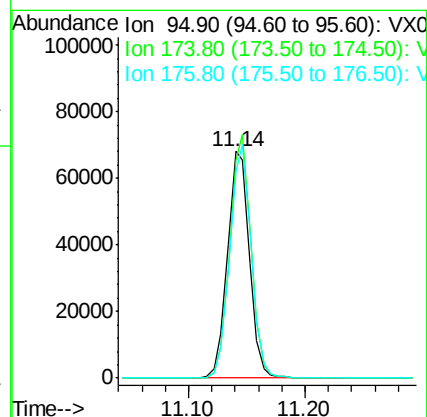
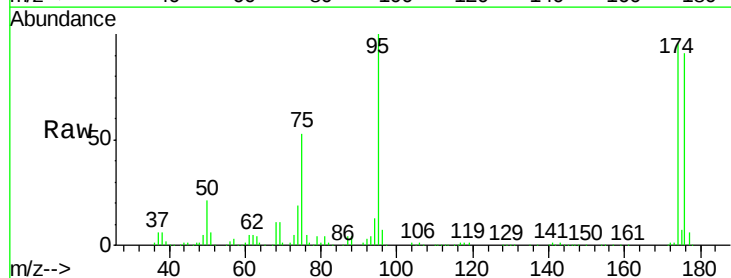
Instrument :
MSVOA_X
ClientSampled :
PB108794TB

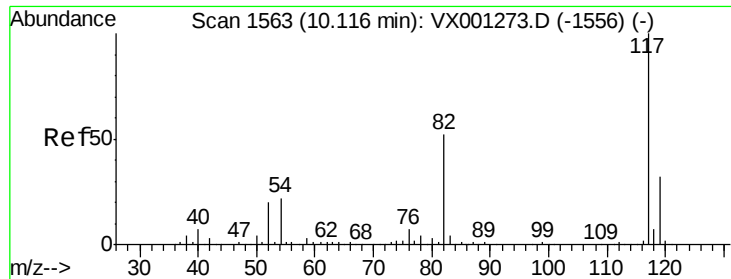
Tgt Ion: 43 Resp: 401
Ion Ratio Lower Upper
43 100
58 21.7 25.7 77.0#



#62
4-Bromofluorobenzene
Concen: 36.32 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001325.D
Acq: 02 May 2018 18:54

Tgt Ion: 95 Resp: 88118
Ion Ratio Lower Upper
95 100
174 104.5 0.0 201.8
176 100.7 0.0 197.2

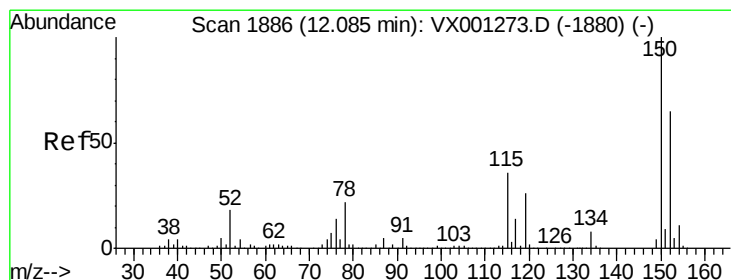
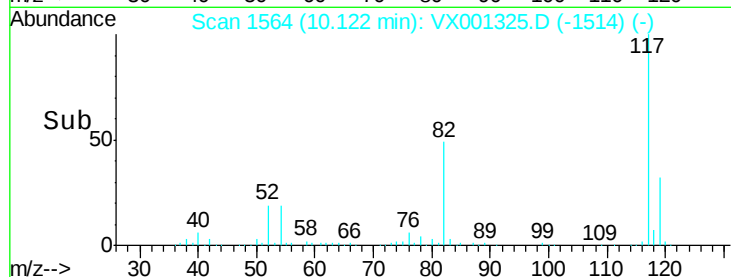
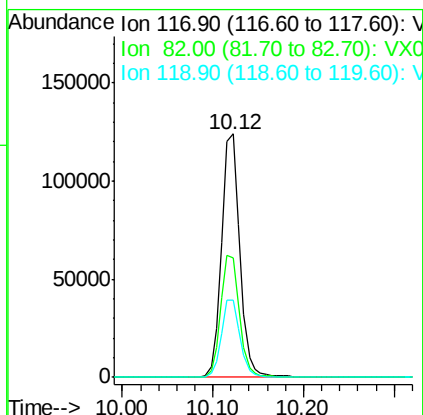
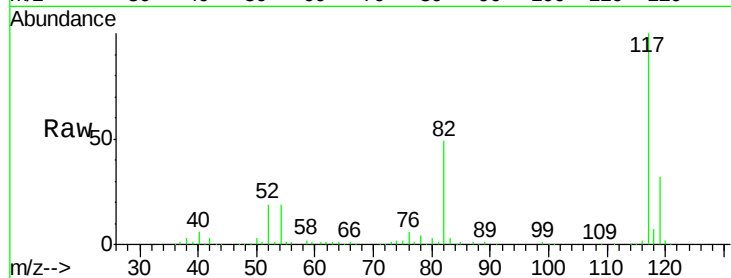




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001325.D
Acq: 02 May 2018 18:54

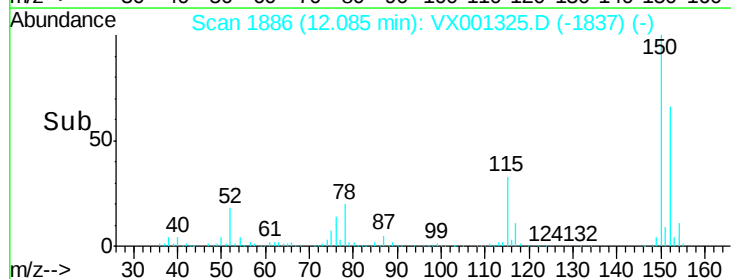
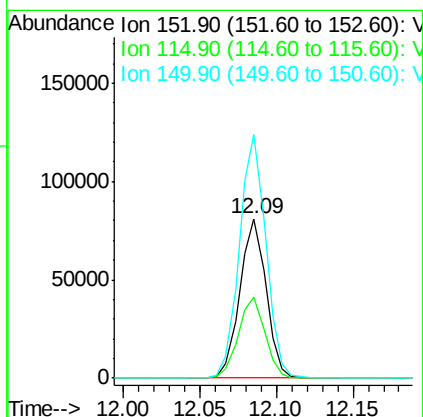
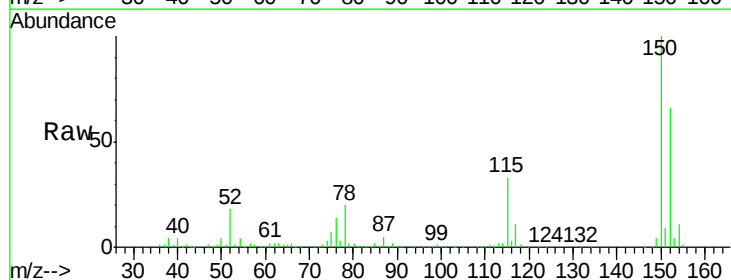
Instrument :
MSVOA_X
ClientSampleId :
PB108794TB

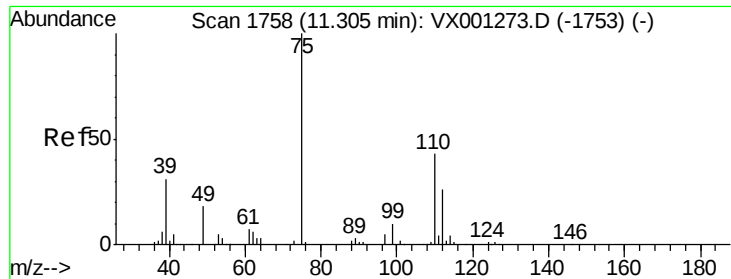
Tgt Ion:117 Resp: 174975
Ion Ratio Lower Upper
117 100
82 49.0 41.4 62.0
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001325.D
Acq: 02 May 2018 18:54

Tgt Ion:152 Resp: 96520
Ion Ratio Lower Upper
152 100
115 51.2 38.6 115.7
150 154.0 0.0 349.2

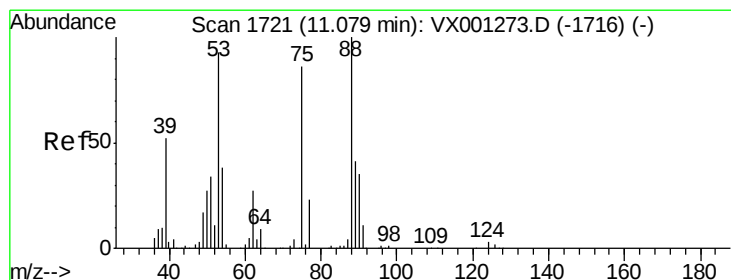
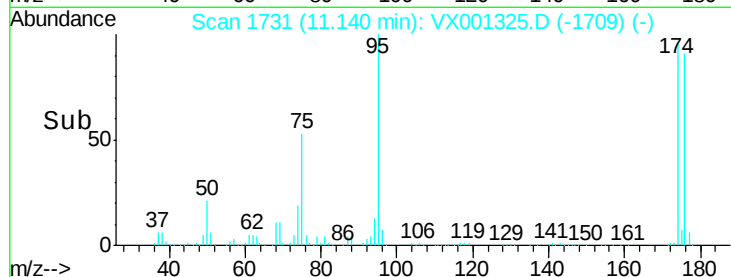
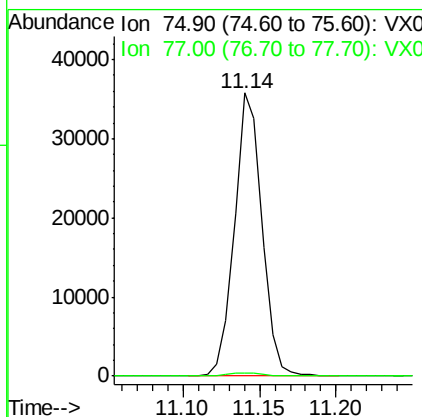
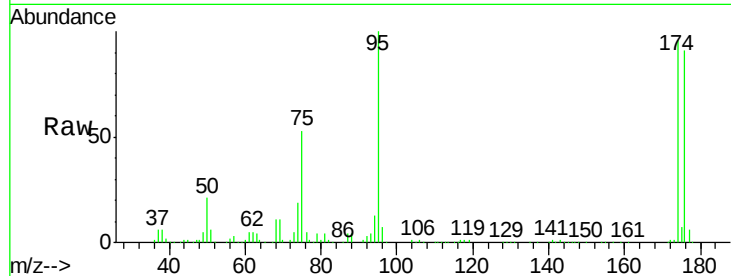




#76
 1,2,3-Trichloropropane
 Concen: 24.90 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001325.D
 Acq: 02 May 2018 18:54

Instrument :
 MSVOA_X
 ClientSampled :
 PB108794TB

Tgt Ion: 75 Resp: 44435
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.9 56.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.34 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001325.D
 Acq: 02 May 2018 18:54

Tgt Ion: 75 Resp: 44435
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.1 130.7#
 89 0.0 38.9 58.3#

