

Data File : VX001363.D

Acq On : 03 May 2018 17:02

Operator : JC/MD

Sample : J2706-05 5X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002

Quant Time: May 04 07:14:14 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	161883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	223368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	202947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	101910	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	83029	37.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.10%	
35) Dibromofluoromethane	5.51	113	68419	35.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.10%	
50) Toluene-d8	8.73	98	257946	37.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.04%	
62) 4-Bromofluorobenzene	11.15	95	84721	30.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.62%	

Target Compounds

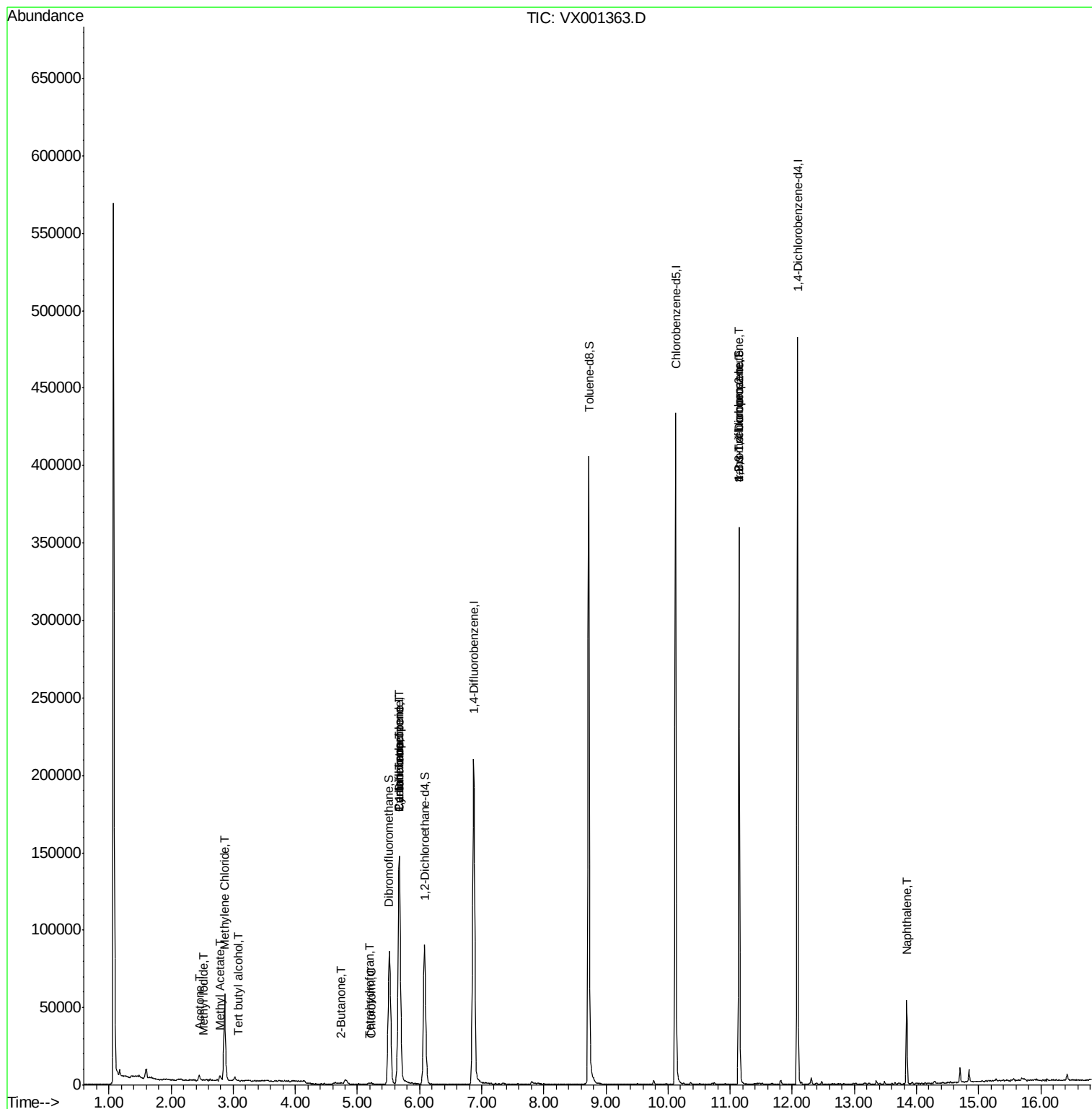
						Qvalue
5) Bromomethane	1.65	94	607	Below Cal		96
10) Methyl Iodide	2.52	142	653	4.63 ug/l #		92
11) Tert butyl alcohol	3.08	59	224	0.58 ug/l #		10
16) Acetone	2.45	43	4210	4.40 ug/l		90
18) Methyl Acetate	2.79	43	3656	1.62 ug/l		98
20) Methylene Chloride	2.86	84	25561	13.65 ug/l		95
25) 2-Butanone	4.73	43	1167	0.90 ug/l		96
29) Tetrahydrofuran	5.20	42	695	0.87 ug/l #		67
30) Chloroform	5.23	83	791	0.25 ug/l #		82
31) Cyclohexane	5.67	56	2894	1.05 ug/l #		7
36) 1,1-Dichloropropene	5.67	75	10018	3.89 ug/l #		50
38) Carbon Tetrachloride	5.67	117	13754	5.09 ug/l #		18
76) 1,2,3-Trichloropropane	11.14	75	43089	22.87 ug/l #		40
81) trans-1,4-Dichloro-2-buten	11.14	75	43089	72.30 ug/l #		6
95) Naphthalene	13.84	128	33081	4.44 ug/l		99

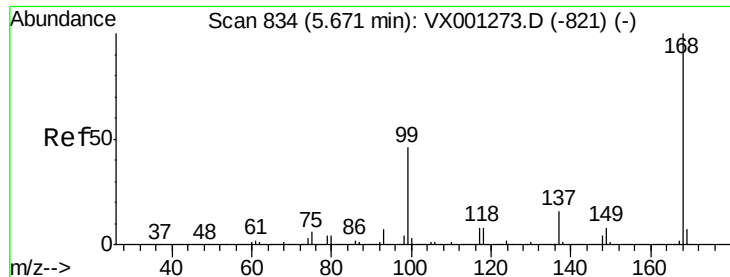
(#)= qualifier out of range (m)= manual integration (+)= signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001363.D

Acq: 03 May 2018 17:02

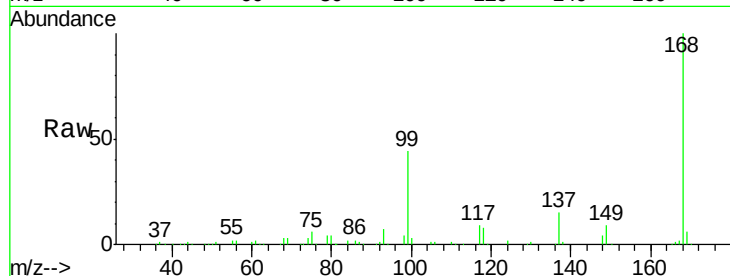
Instrument :
MSVOA_X
ClientSampled :
002

Tgt Ion: 168 Resp: 161883

Ion Ratio Lower Upper

168 100

99 44.0 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

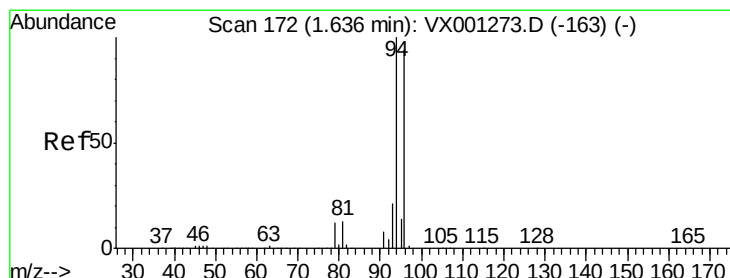
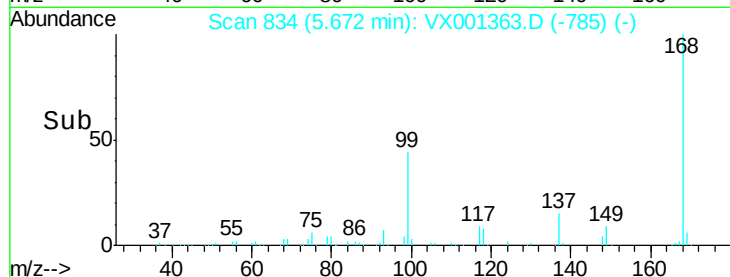
10000

0

Time-->

5.60

5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001363.D

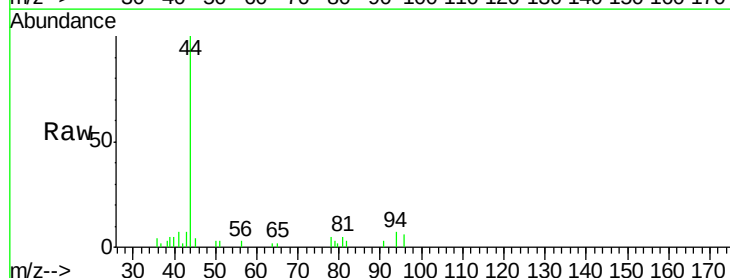
Acq: 03 May 2018 17:02

Tgt Ion: 94 Resp: 607

Ion Ratio Lower Upper

94 100

96 91.1 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

200

150

100

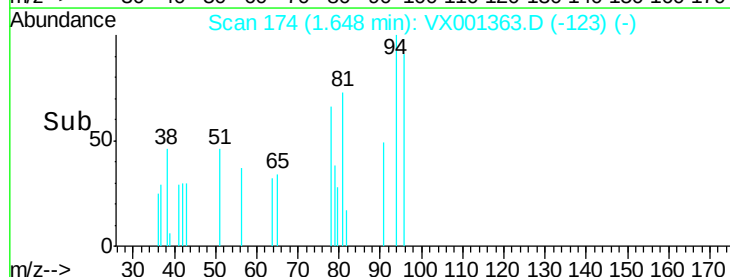
50

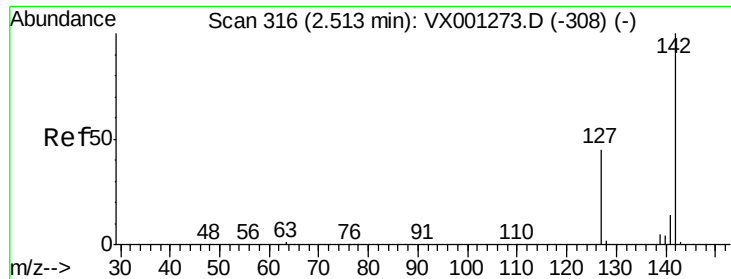
0

Time-->

1.60

1.70

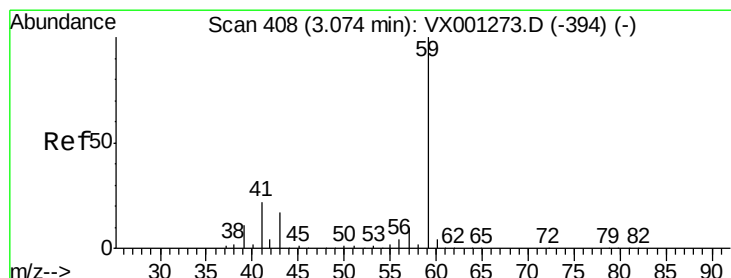
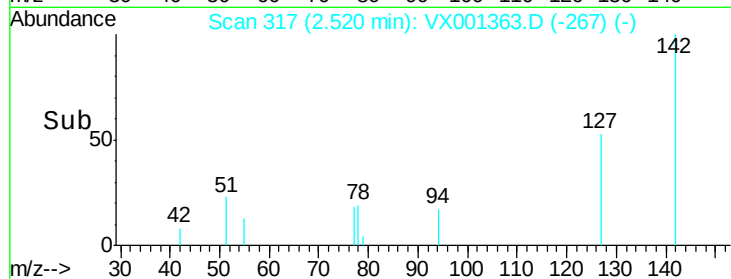
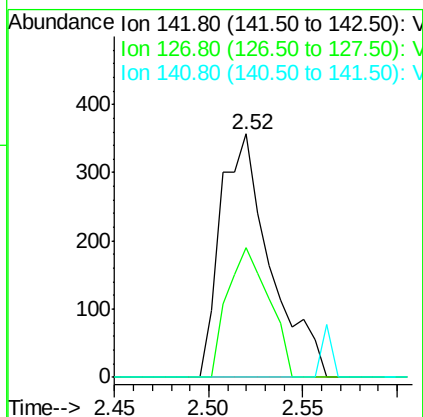
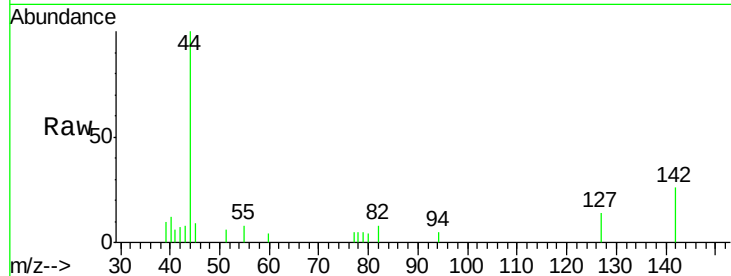




#10
Methyl Iodide
Concen: 4.63 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001363.D
Acq: 03 May 2018 17:02

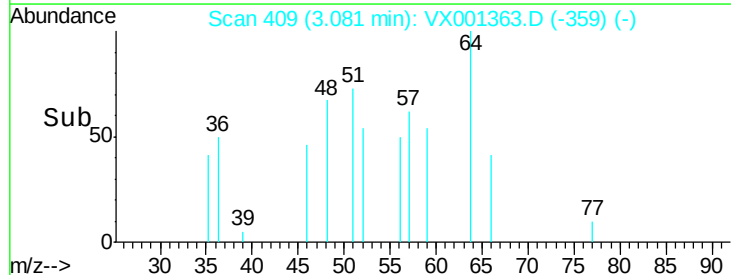
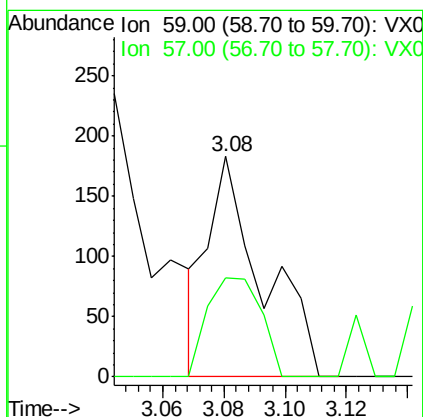
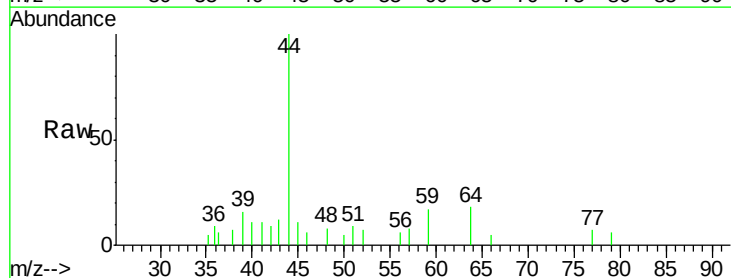
Instrument :
MSVOA_X
ClientSampled :
002

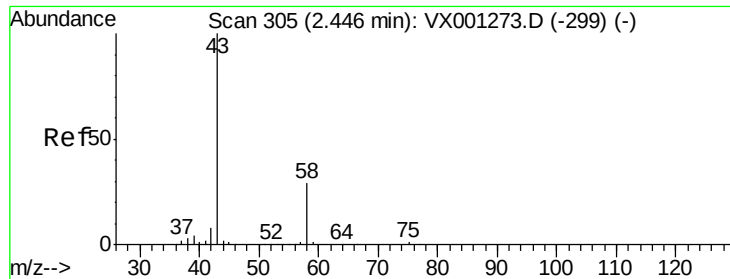
Tgt Ion: 142 Resp: 653
Ion Ratio Lower Upper
142 100
127 44.6 35.7 53.5
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.58 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX001363.D
Acq: 03 May 2018 17:02

Tgt Ion: 59 Resp: 224
Ion Ratio Lower Upper
59 100
57 44.6 8.6 12.8#





#16

Acetone

Concen: 4.40 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001363.D

Acq: 03 May 2018 17:02

Instrument :

MSVOA_X

ClientSampled :

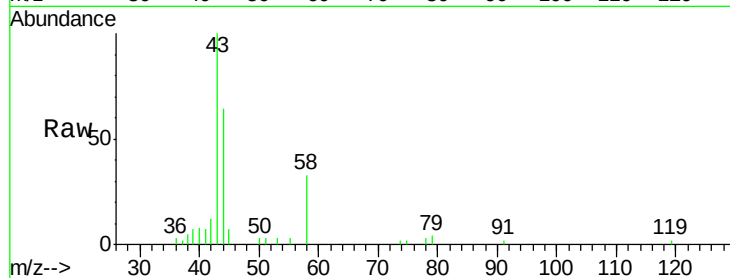
002

Tgt Ion: 43 Resp: 4210

Ion Ratio Lower Upper

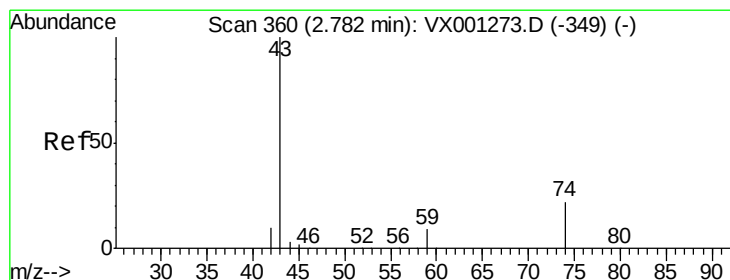
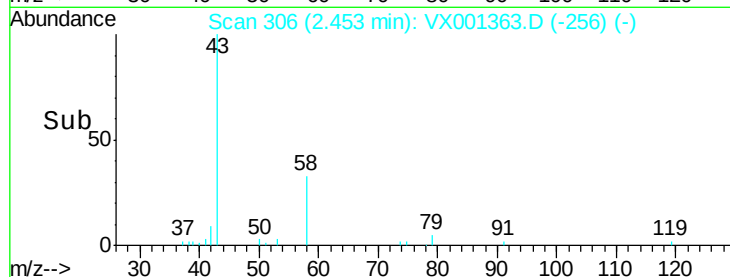
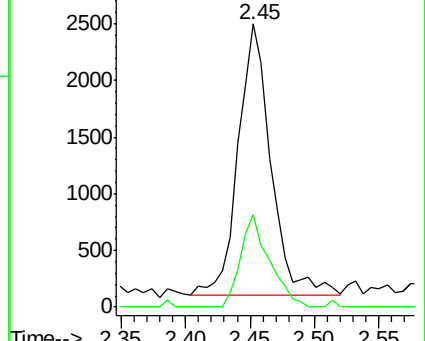
43 100

58 34.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 1.62 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX001363.D

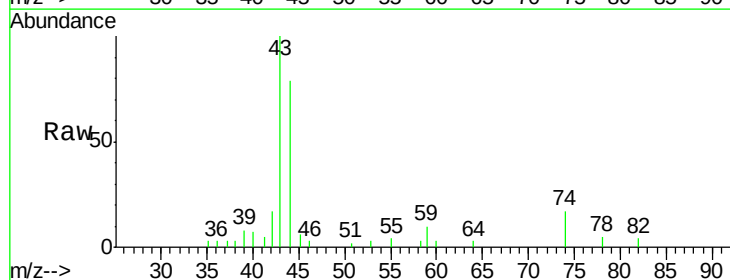
Acq: 03 May 2018 17:02

Tgt Ion: 43 Resp: 3656

Ion Ratio Lower Upper

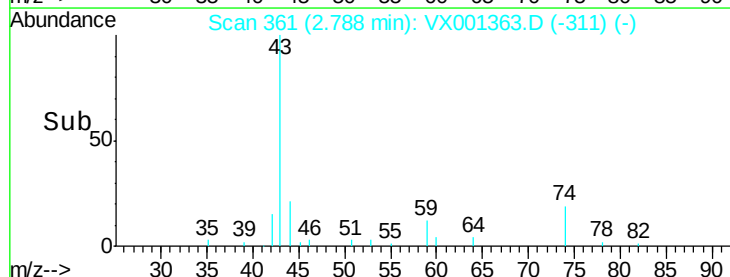
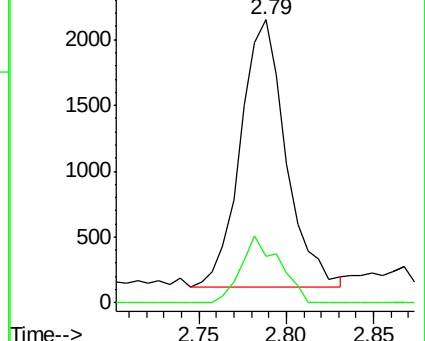
43 100

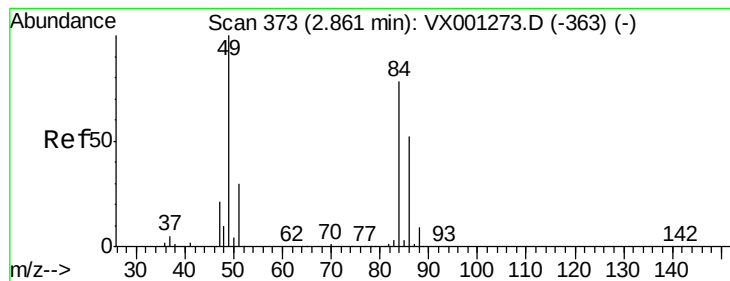
74 21.3 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 13.65 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001363.D

Acq: 03 May 2018 17:02

Instrument :
MSVOA_X
ClientSampled :
002

Tgt Ion: 84 Resp: 25561

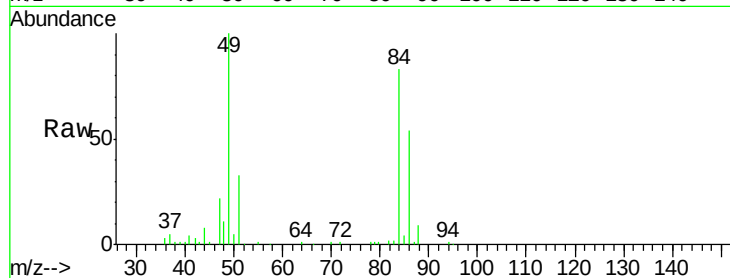
Ion Ratio Lower Upper

84 100

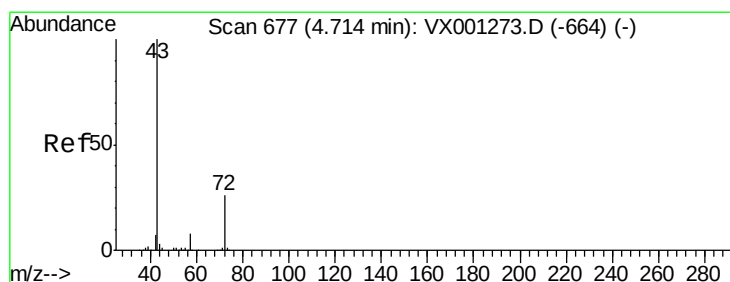
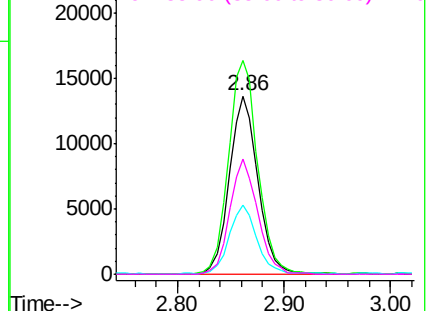
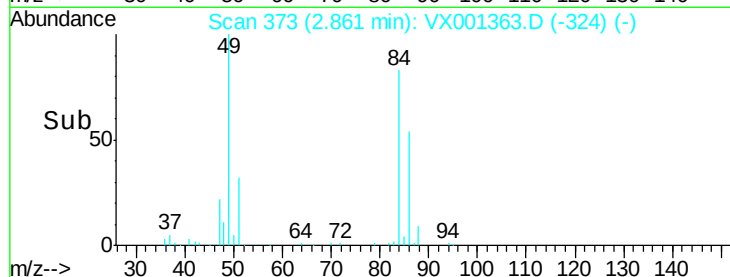
49 120.0 102.8 154.2

51 39.1 30.9 46.3

86 65.0 53.0 79.4



Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.90 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.02 min

Lab File: VX001363.D

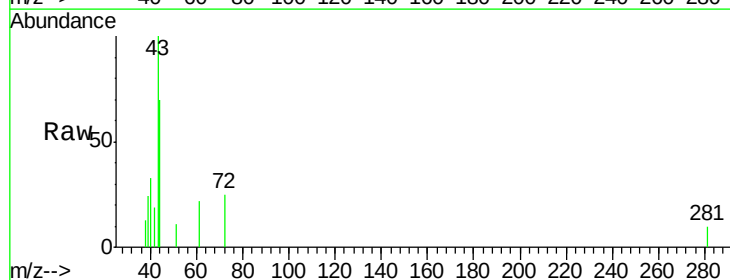
Acq: 03 May 2018 17:02

Tgt Ion: 43 Resp: 1167

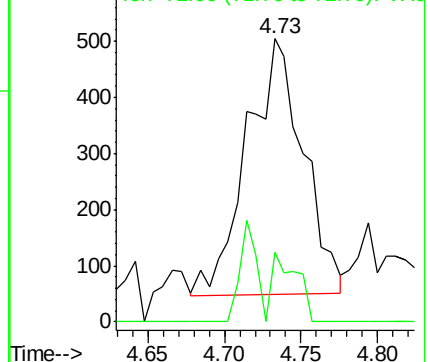
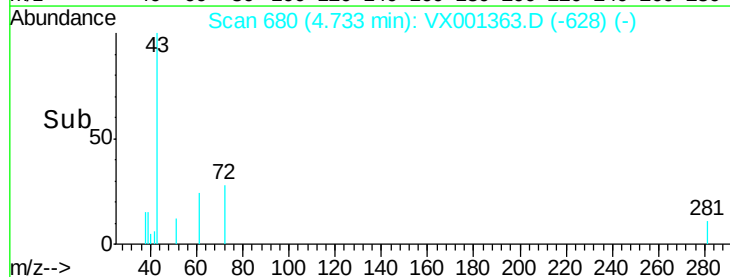
Ion Ratio Lower Upper

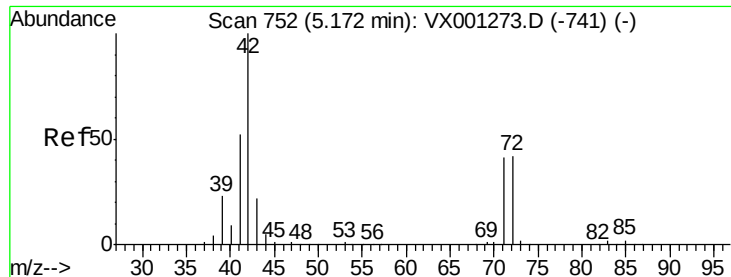
43 100

72 27.4 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.87 ug/l

RT: 5.20 min Scan# 756

Delta R.T. 0.02 min

Lab File: VX001363.D

Acq: 03 May 2018 17:02

Instrument :

MSVOA_X

ClientSampled :

002

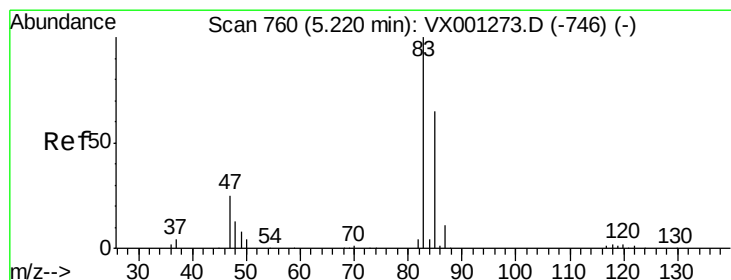
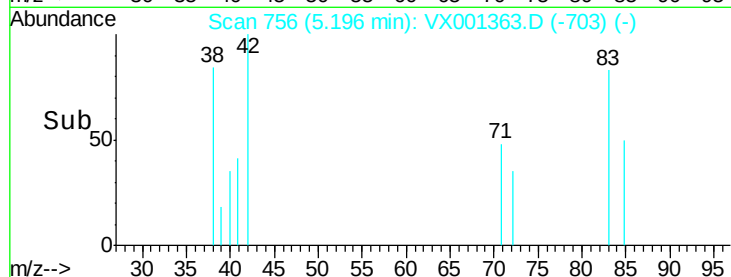
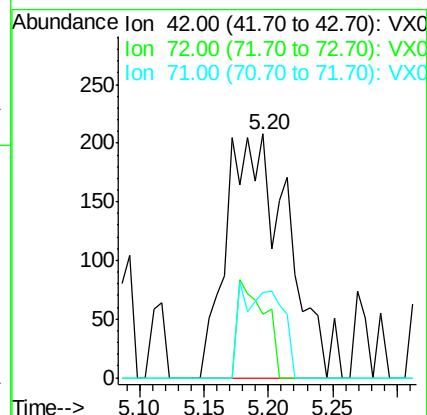
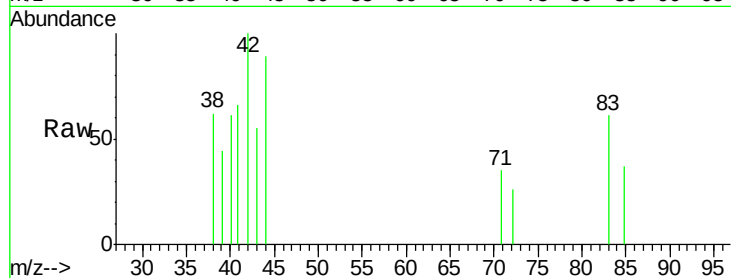
Tgt Ion: 42 Resp: 695

Ion Ratio Lower Upper

42 100

72 17.7 34.6 52.0#

71 24.5 32.7 49.1#



#30

Chloroform

Concen: 0.25 ug/l

RT: 5.23 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX001363.D

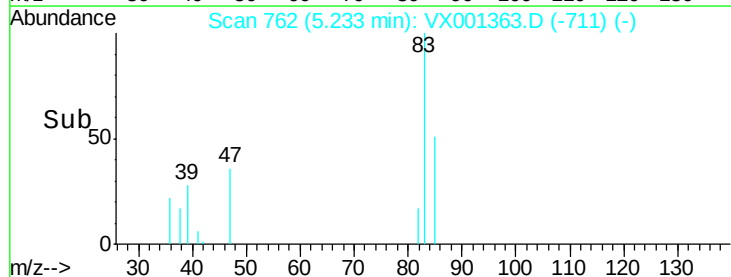
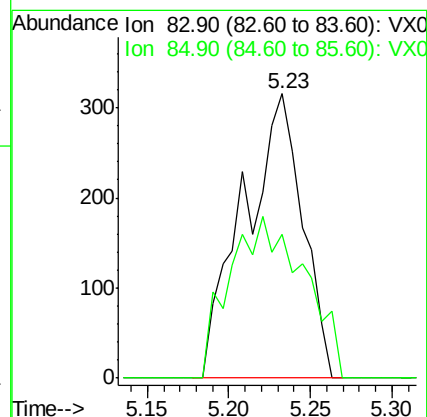
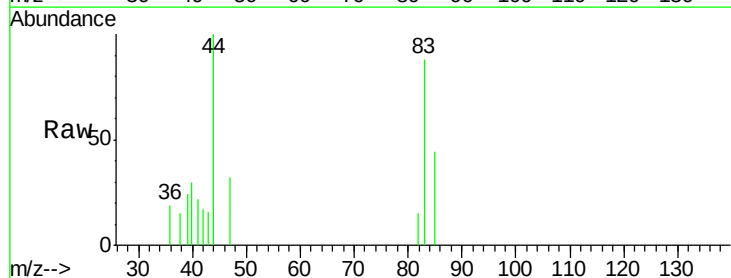
Acq: 03 May 2018 17:02

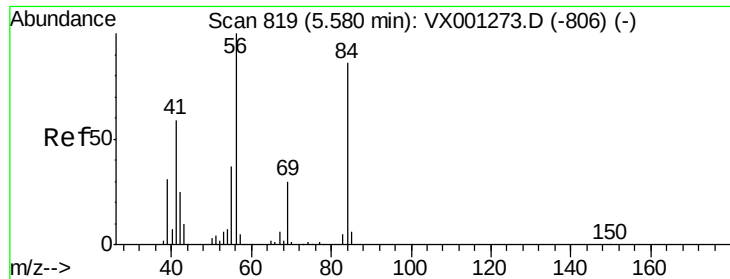
Tgt Ion: 83 Resp: 791

Ion Ratio Lower Upper

83 100

85 50.6 52.2 78.2#

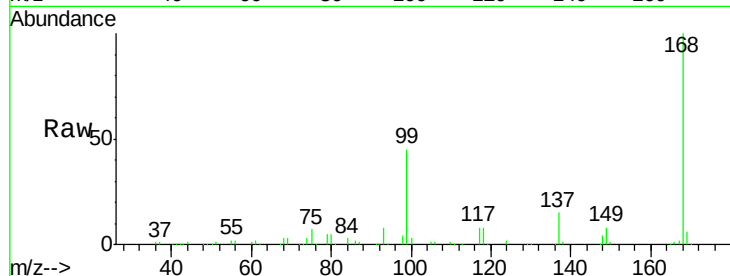




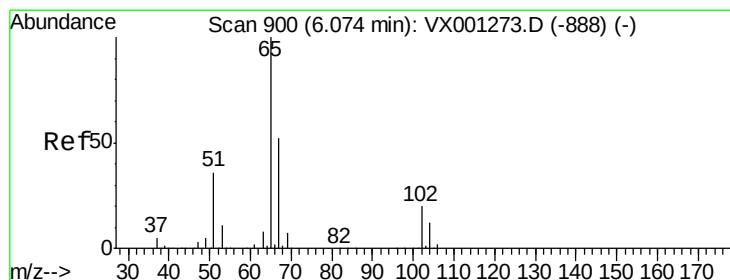
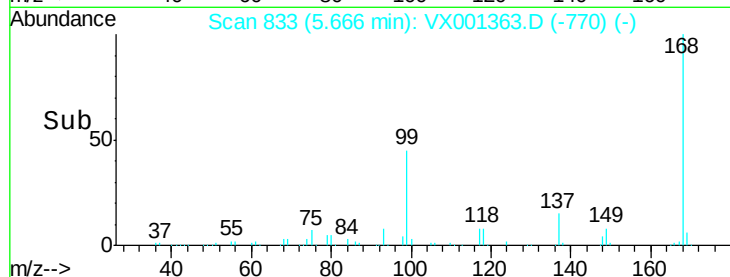
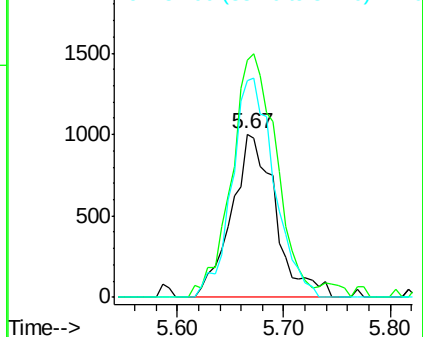
#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001363.D
Acq: 03 May 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
002

Tgt Ion: 56 Resp: 2894
Ion Ratio Lower Upper
56 100
69 145.6 24.0 36.0#
84 133.2 69.0 103.4#

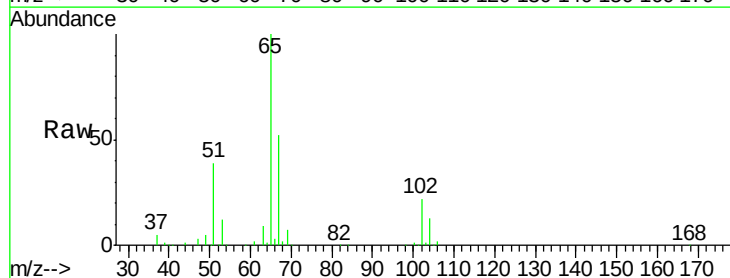


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

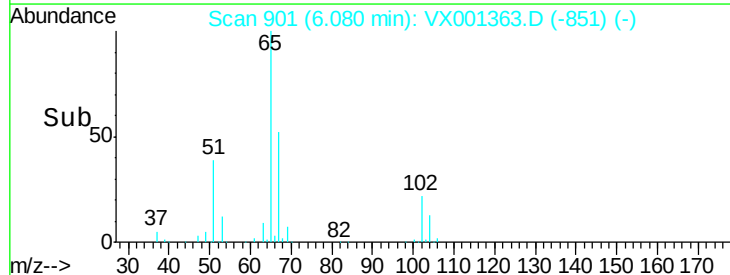
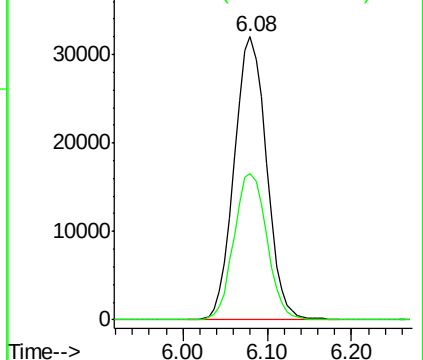


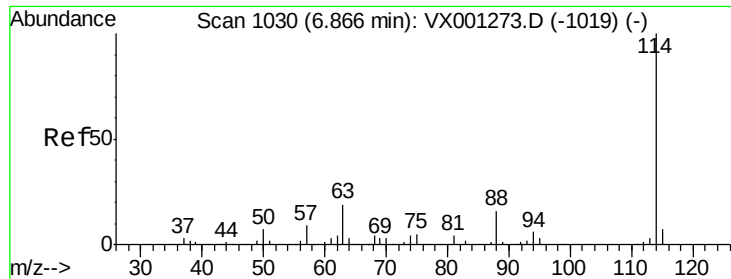
#33
1,2-Dichloroethane-d4
Concen: 37.05 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001363.D
Acq: 03 May 2018 17:02

Tgt Ion: 65 Resp: 83029
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: VX001363.D

Acq: 03 May 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

002

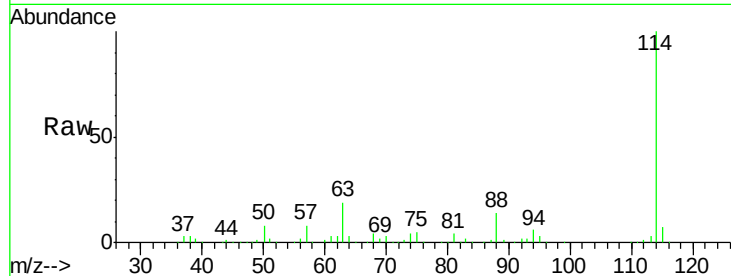
Tgt Ion:114 Resp: 223368

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.8

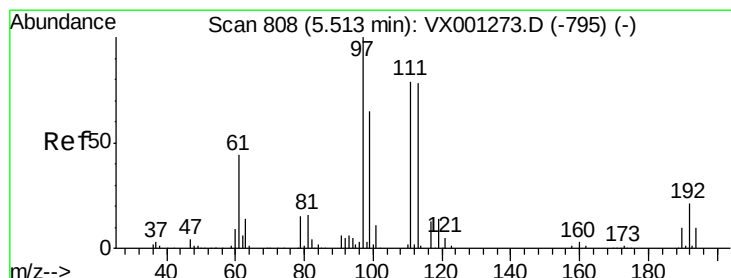
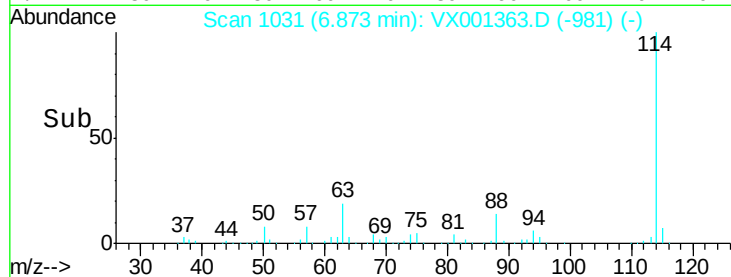
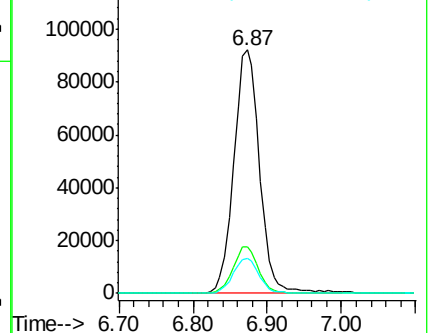
88 14.1 0.0 32.2



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: 35.55 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001363.D

Acq: 03 May 2018 17:02

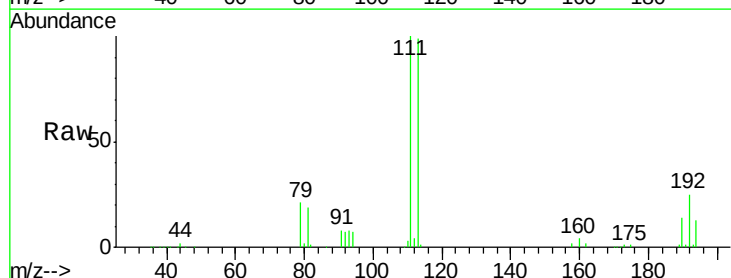
Tgt Ion:113 Resp: 68419

Ion Ratio Lower Upper

113 100

111 104.1 81.2 121.8

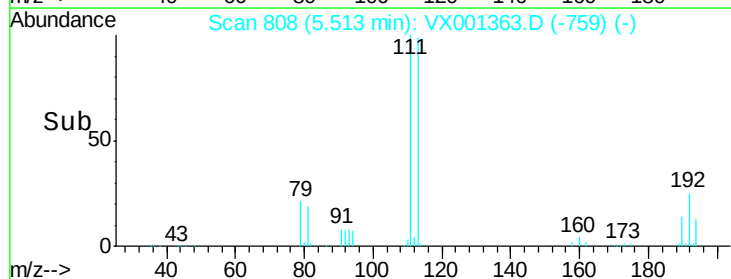
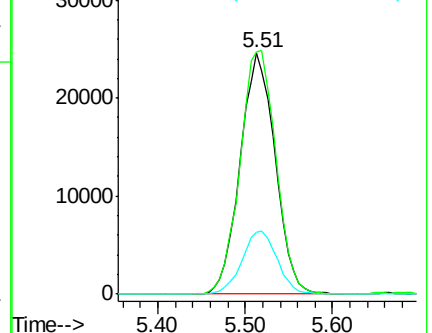
192 26.2 20.7 31.1

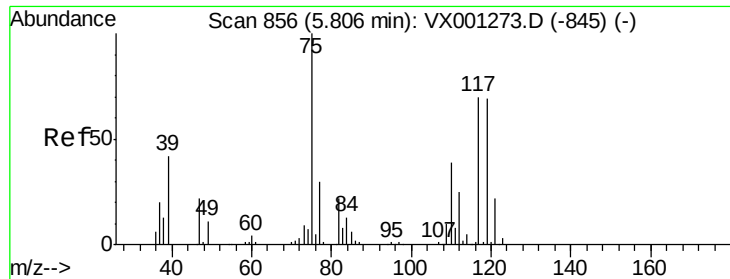


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

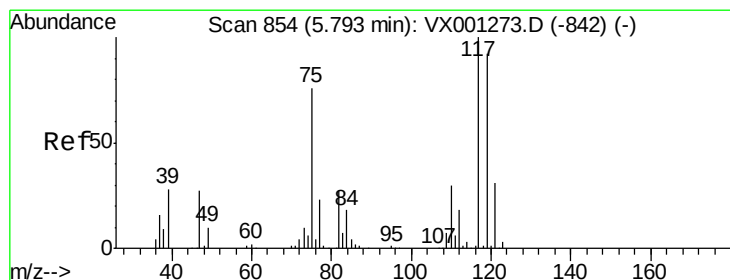
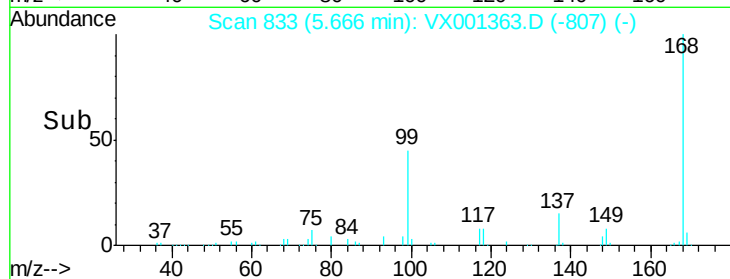
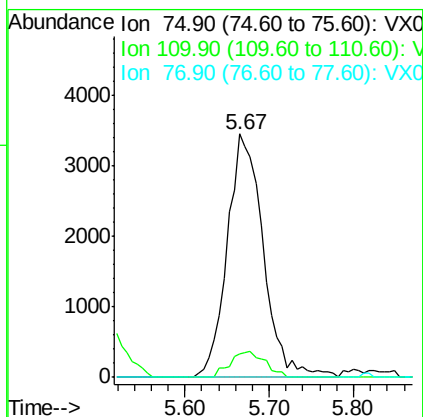
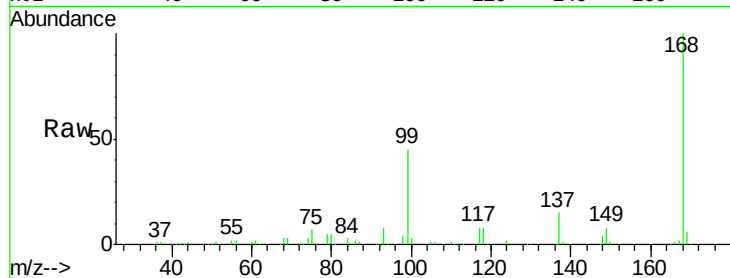




#36
 1,1-Dichloropropene
 Concen: 3.89 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001363.D
 Acq: 03 May 2018 17:02

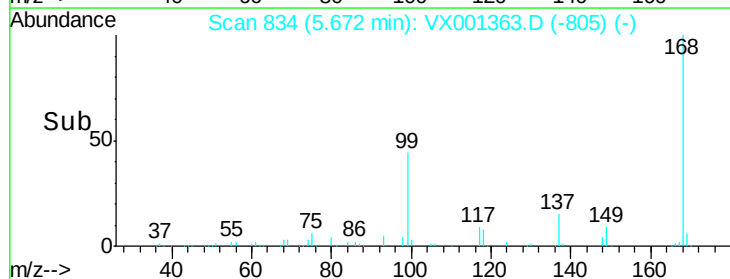
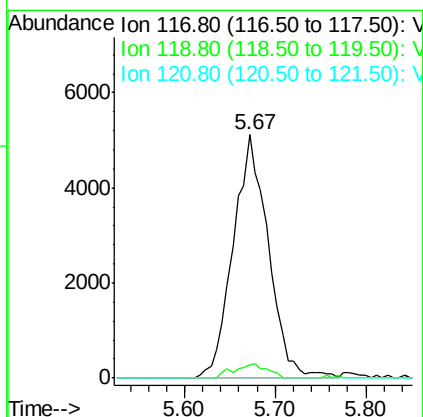
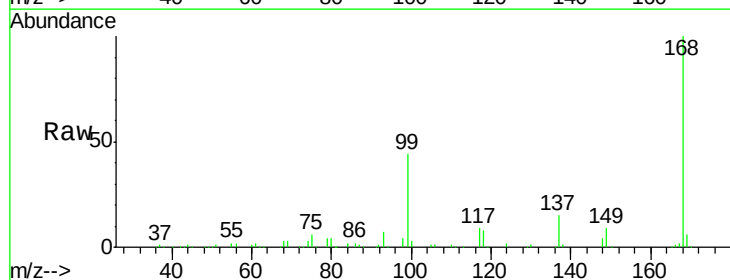
Instrument :
 MSVOA_X
 ClientSampled :
 002

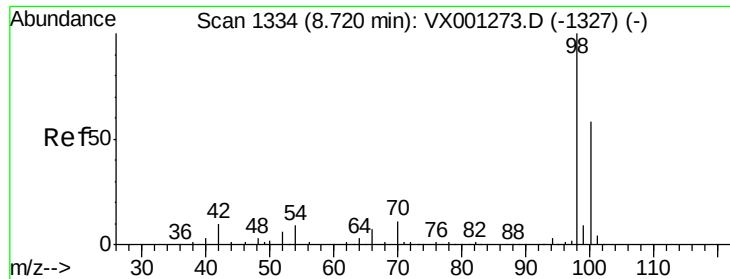
Tgt Ion: 75 Resp: 10018
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.9 56.9#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 5.09 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001363.D
 Acq: 03 May 2018 17:02

Tgt Ion: 117 Resp: 13754
 Ion Ratio Lower Upper
 117 100
 119 5.2 73.4 110.2#
 121 0.0 25.0 37.4#

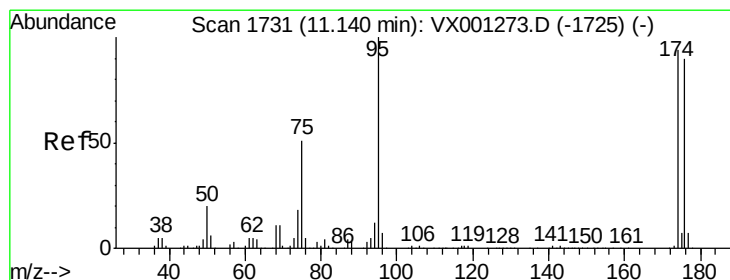
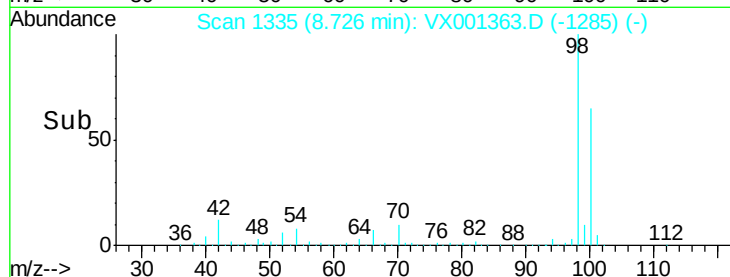
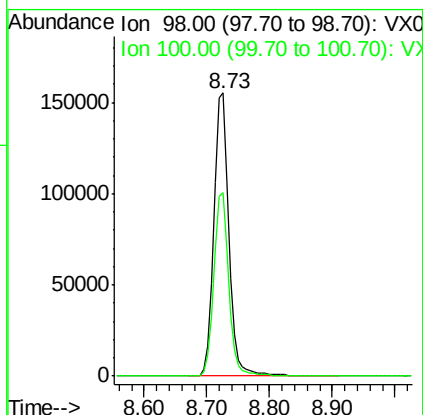
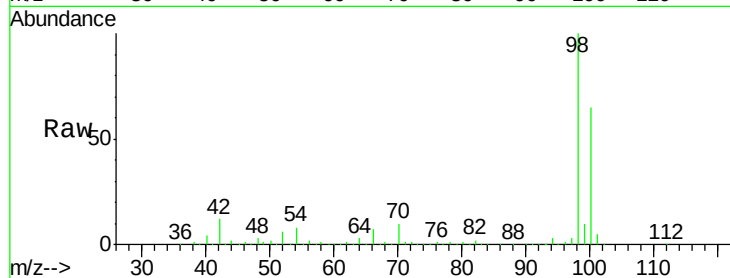




#50
Toluene-d8
Concen: 37.52 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX001363.D
Acq: 03 May 2018 17:02

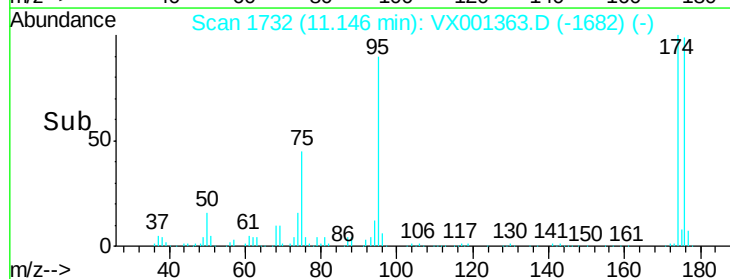
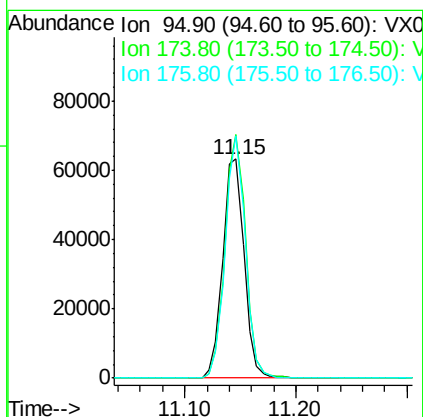
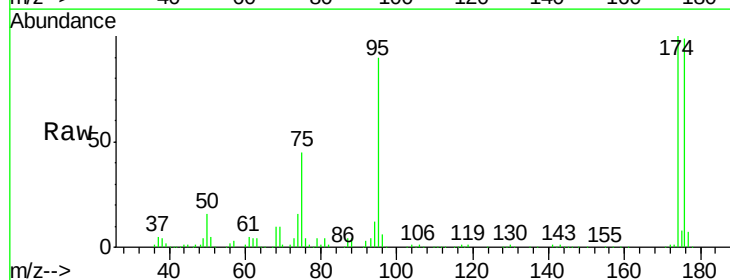
Instrument :
MSVOA_X
ClientSampleId :
002

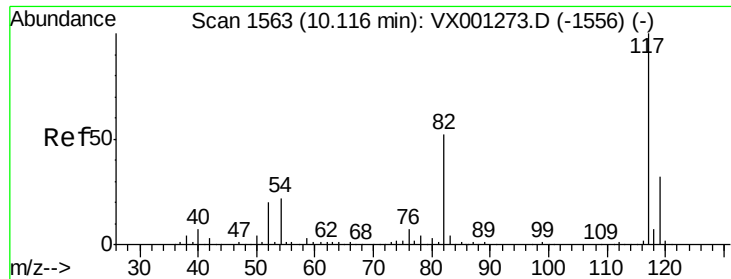
Tgt Ion: 98 Resp: 257946
Ion Ratio Lower Upper
98 100
100 64.5 51.0 76.4



#62
4-Bromofluorobenzene
Concen: 30.81 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001363.D
Acq: 03 May 2018 17:02

Tgt Ion: 95 Resp: 84721
Ion Ratio Lower Upper
95 100
174 106.9 0.0 201.8
176 103.6 0.0 197.2

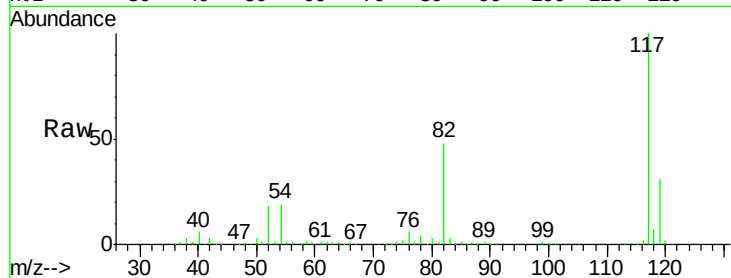




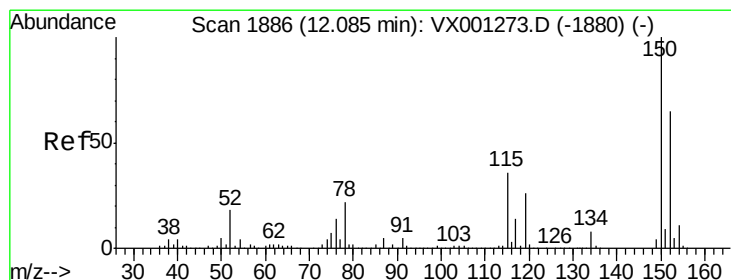
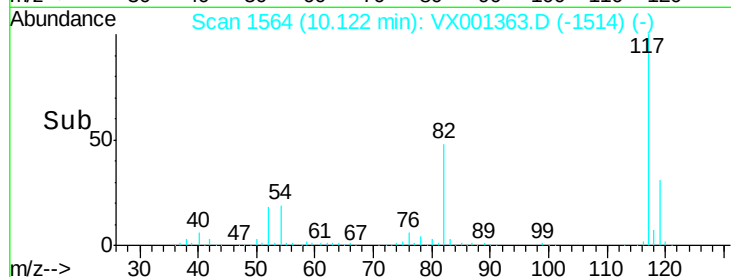
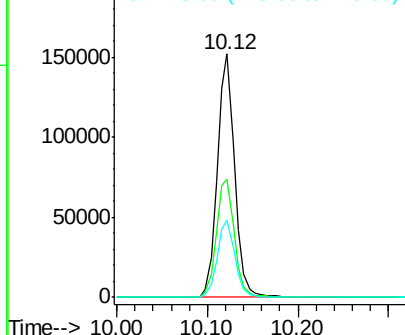
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001363.D
Acq: 03 May 2018 17:02

Instrument :
MSVOA_X
ClientSampled :
002

Tgt Ion:117 Resp: 202947
Ion Ratio Lower Upper
117 100
82 48.3 41.4 62.0
119 31.5 25.5 38.3

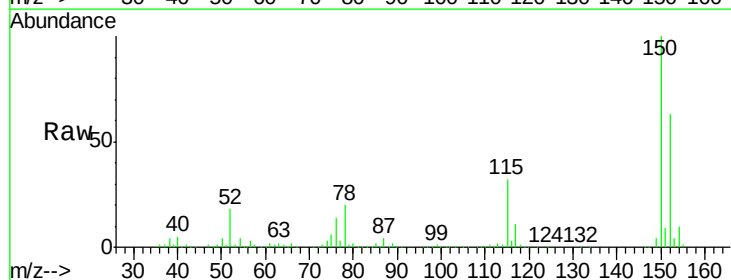


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

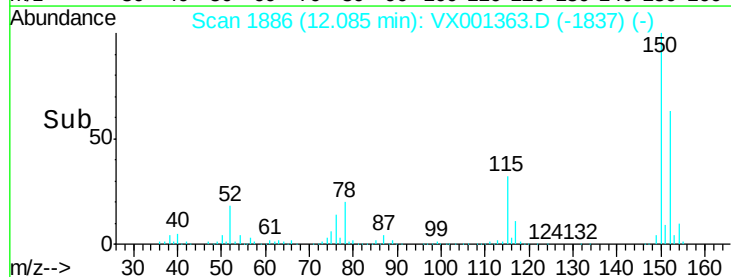
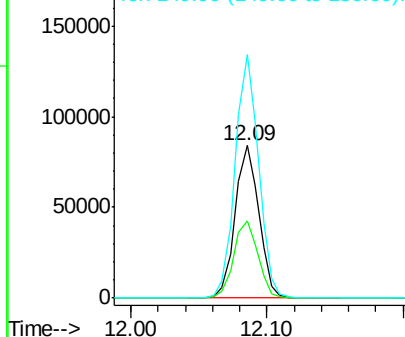


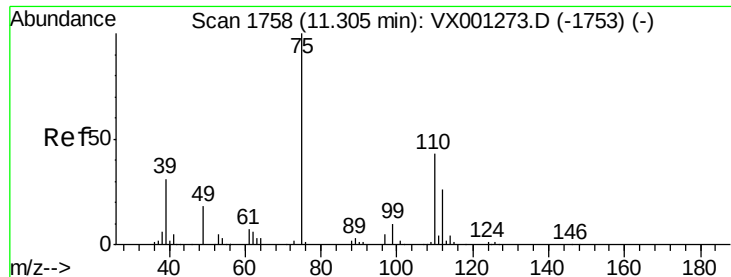
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001363.D
Acq: 03 May 2018 17:02

Tgt Ion:152 Resp: 101910
Ion Ratio Lower Upper
152 100
115 52.0 38.6 115.7
150 157.9 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: 22.87 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001363.D

Acq: 03 May 2018 17:02

Instrument :

MSVOA_X

ClientSampled :

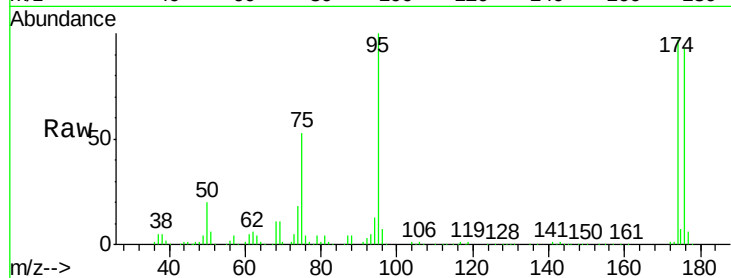
002

Tgt Ion: 75 Resp: 43089

Ion Ratio Lower Upper

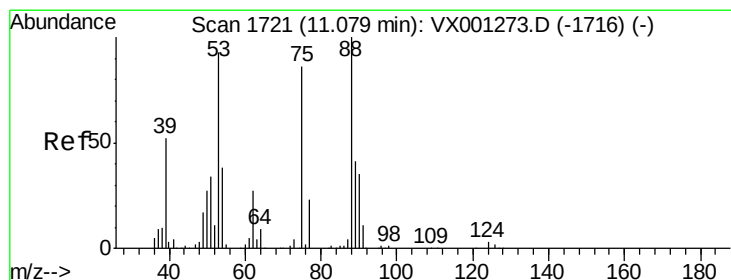
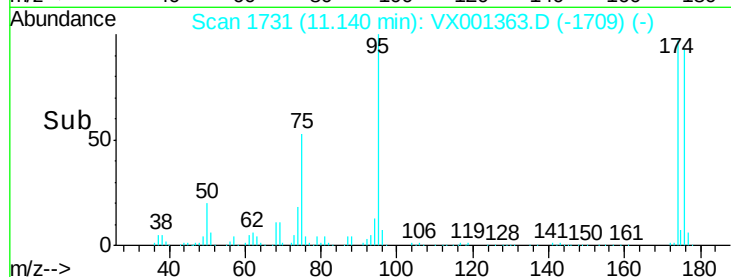
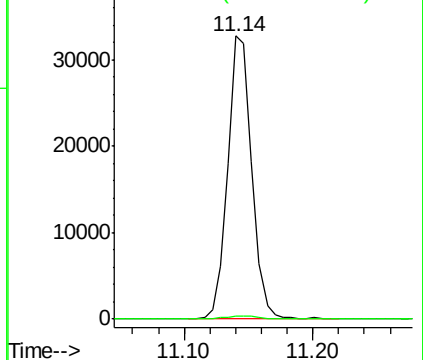
75 100

77 1.5 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: 72.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001363.D

Acq: 03 May 2018 17:02

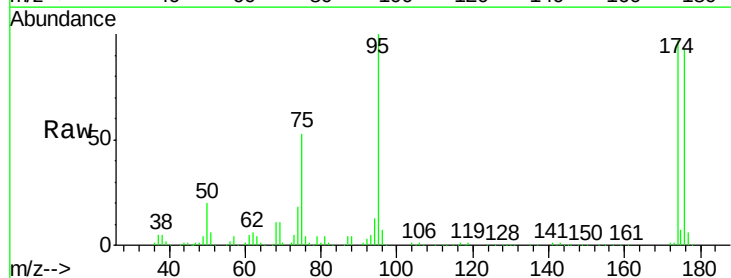
Tgt Ion: 75 Resp: 43089

Ion Ratio Lower Upper

75 100

53 0.0 87.1 130.7#

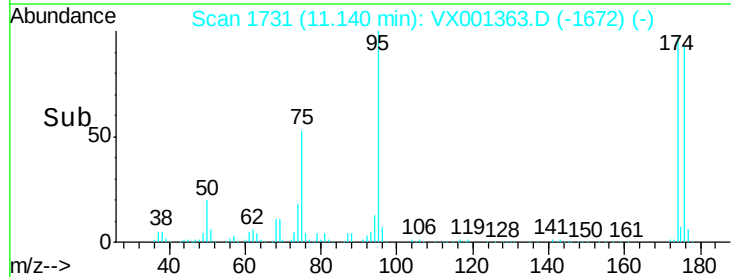
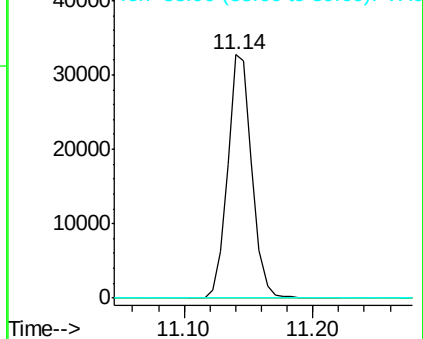
89 0.0 38.9 58.3#

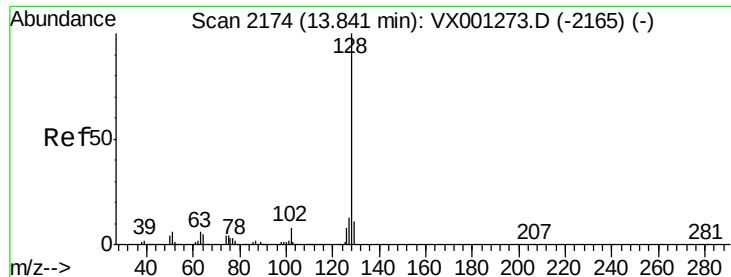


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

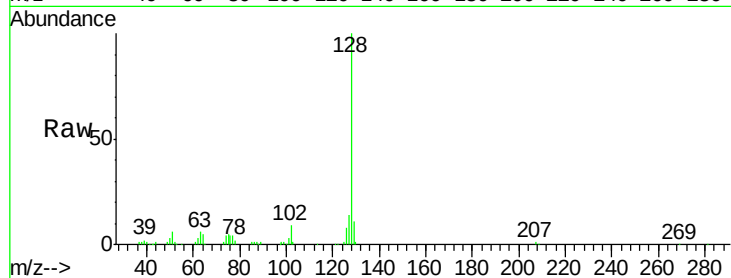




#95
Naphthalene
Concen: 4.44 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001363.D
Acq: 03 May 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
002

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

