

Data File : VX001362.D

Acq On : 03 May 2018 16:35

Operator : JC/MD

Sample : J2706-04 5X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001

Quant Time: May 04 07:13:52 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	160562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	224758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	202560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103918	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	83982	37.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.58%	
35) Dibromofluoromethane	5.51	113	72354	37.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.74%	
50) Toluene-d8	8.72	98	260380	37.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.28%	
62) 4-Bromofluorobenzene	11.15	95	86208	31.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.32%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	442	Below Cal	#	60
10) Methyl Iodide	2.52	142	720	4.67	ug/l #	90
11) Tert butyl alcohol	3.07	59	203	0.53	ug/l #	13
16) Acetone	2.45	43	4367	4.60	ug/l	96
18) Methyl Acetate	2.79	43	4183	1.87	ug/l	95
20) Methylene Chloride	2.86	84	18379	9.44	ug/l	99
25) 2-Butanone	4.72	43	1755	1.37	ug/l	97
29) Tetrahydrofuran	5.18	42	672	0.85	ug/l #	44
30) Chloroform	5.23	83	694	0.22	ug/l #	76
31) Cyclohexane	5.66	56	2914	1.07	ug/l #	33
36) 1,1-Dichloropropene	5.67	75	9607	3.70	ug/l #	51
38) Carbon Tetrachloride	5.67	117	13542	4.98	ug/l #	17
76) 1,2,3-Trichloropropane	11.14	75	44450	23.13	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	44450	73.09	ug/l #	6
95) Naphthalene	13.84	128	43442	5.71	ug/l	99

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

Data File : VX001362.D

Acq On : 03 May 2018 16:35

Operator : JC/MD

Sample : J2706-04 5X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 11 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

001

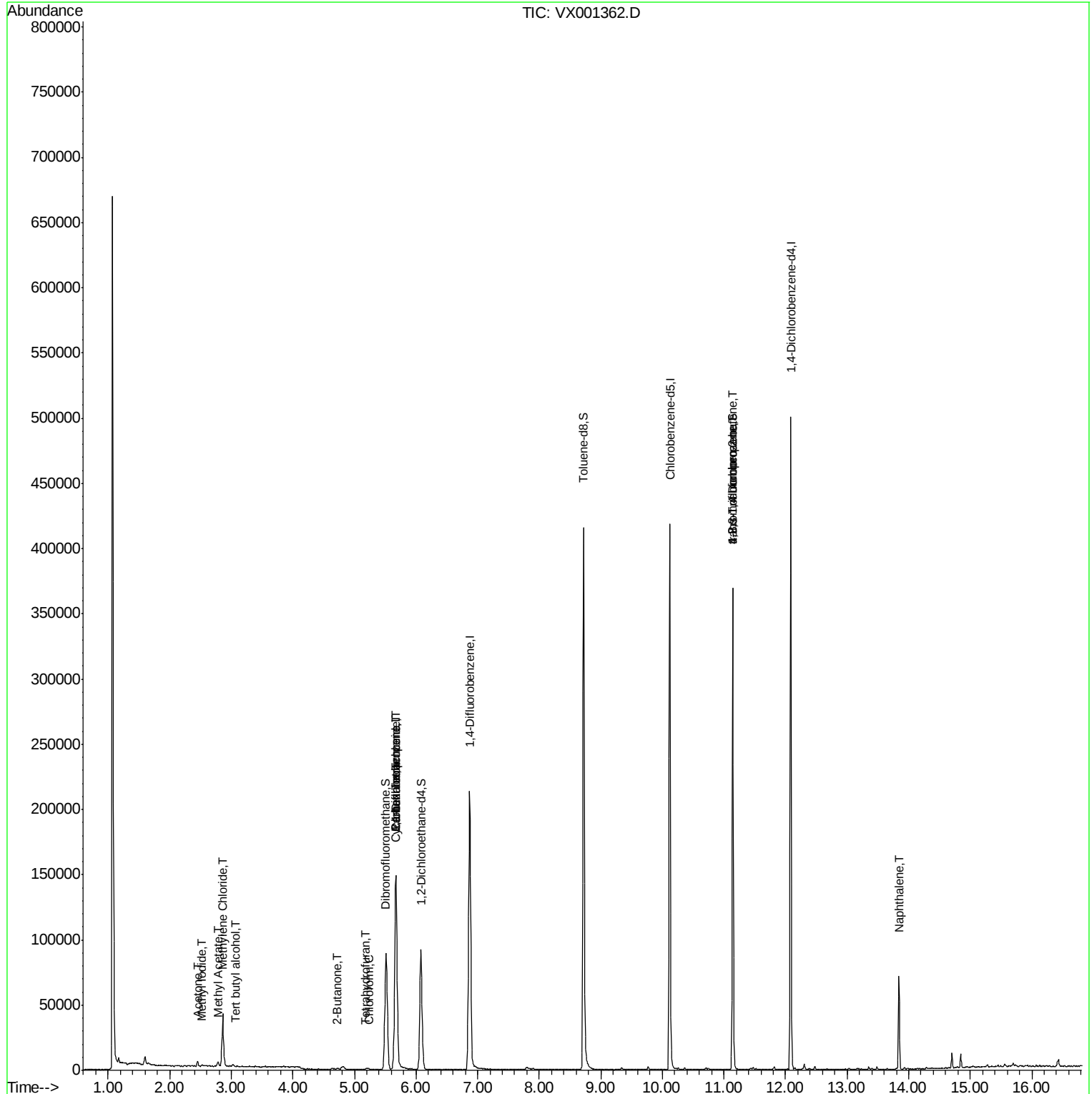
Quant Time: May 04 07:13:52 2018

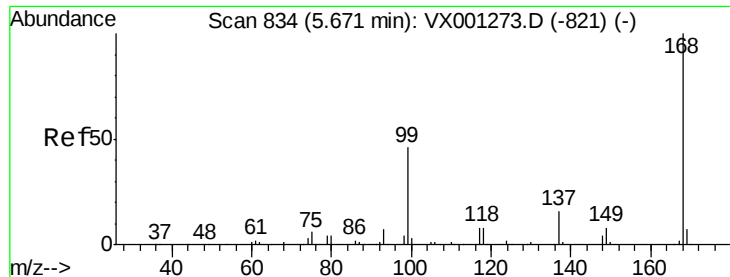
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

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: VX001362.D

Acq: 03 May 2018 16:35

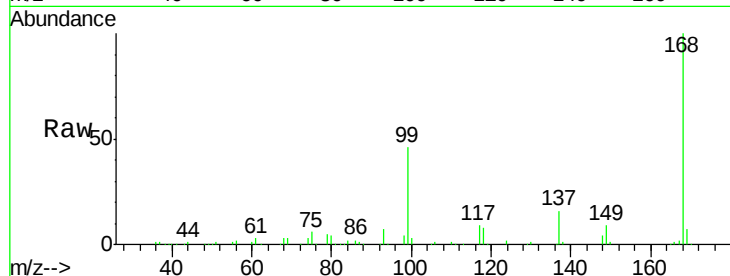
Instrument :
MSVOA_X
ClientSampleId :
001

Tgt Ion:168 Resp: 160562

Ion Ratio Lower Upper

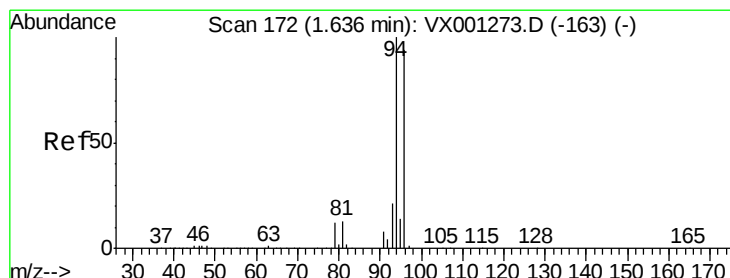
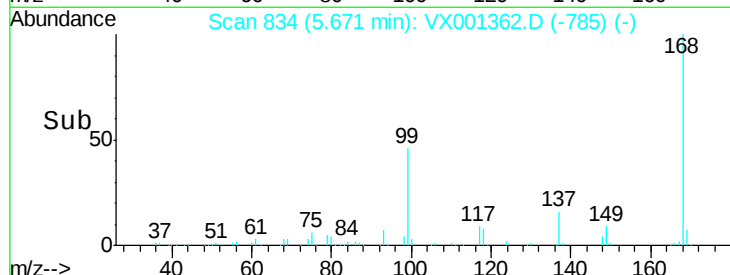
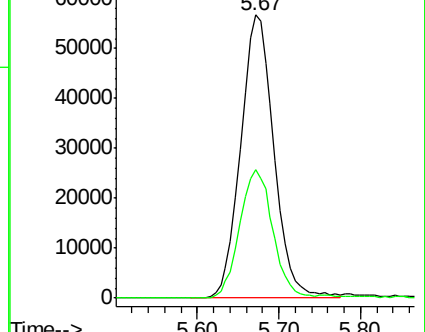
168 100

99 45.6 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001362.D

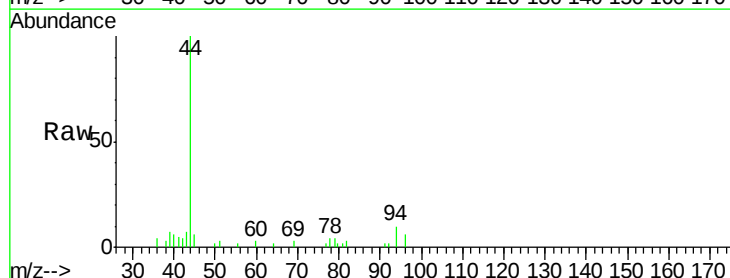
Acq: 03 May 2018 16:35

Tgt Ion: 94 Resp: 442

Ion Ratio Lower Upper

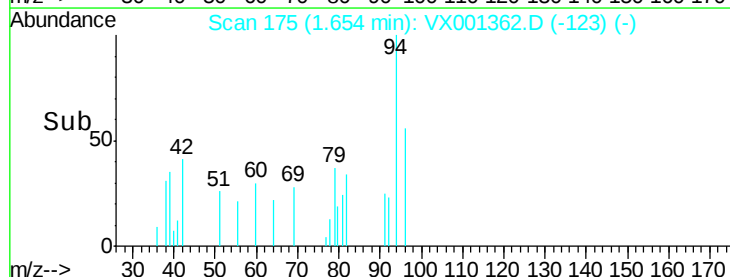
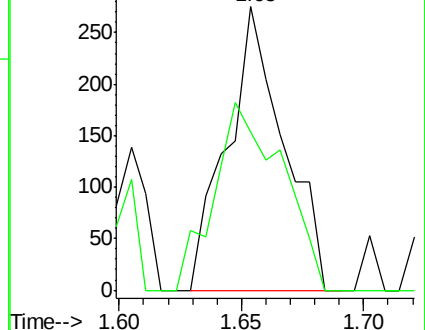
94 100

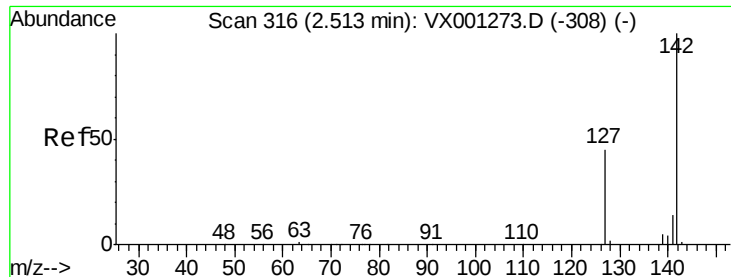
96 56.0 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

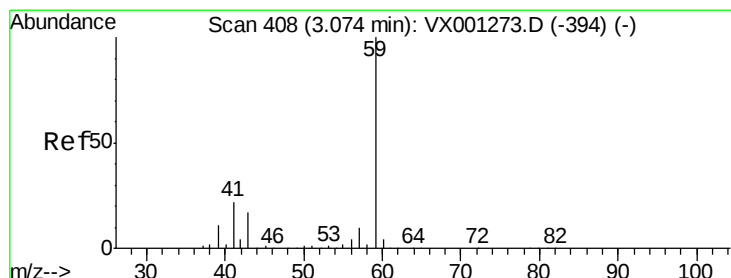
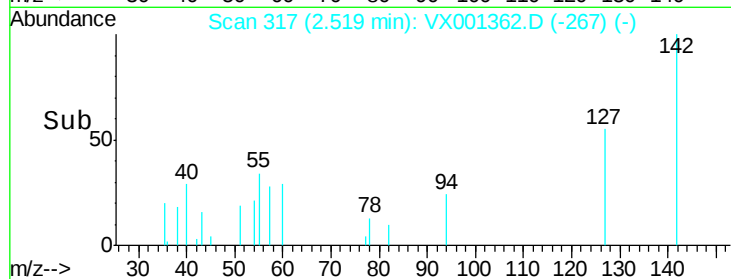
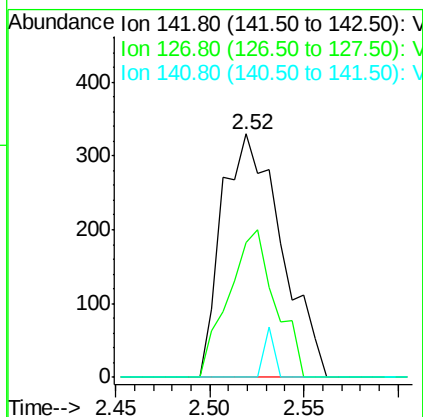
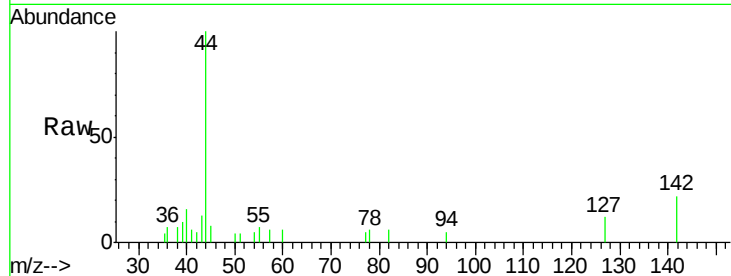




#10
Methyl Iodide
Concen: 4.67 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001362.D
Acq: 03 May 2018 16:35

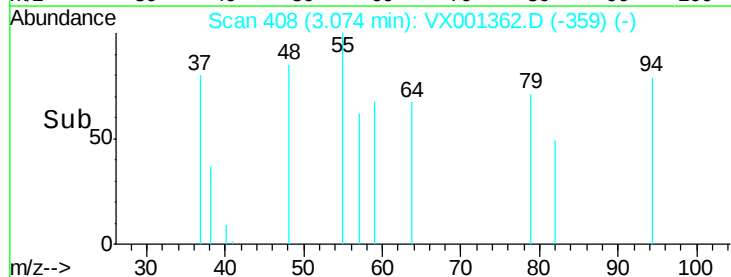
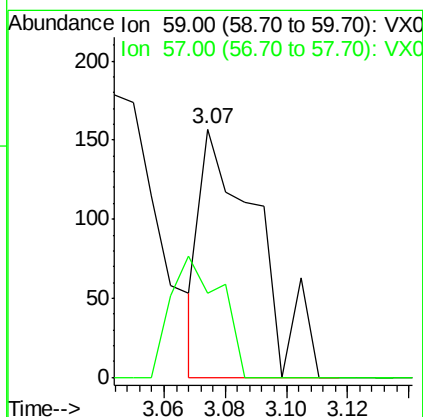
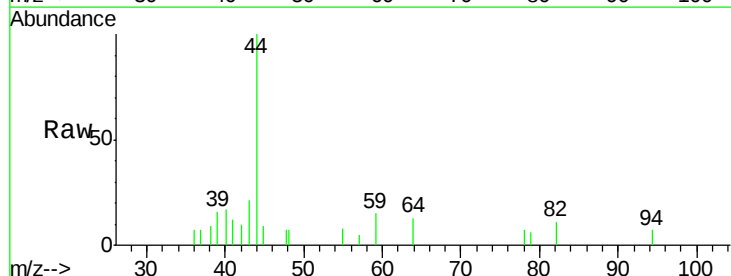
Instrument :
MSVOA_X
ClientSampled :
001

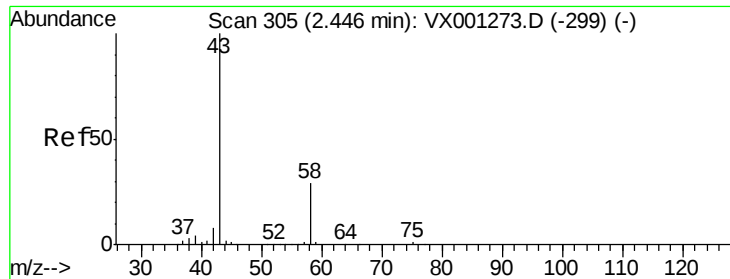
Tgt Ion: 142 Resp: 720
Ion Ratio Lower Upper
142 100
127 47.8 35.7 53.5
141 3.5 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.53 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX001362.D
Acq: 03 May 2018 16:35

Tgt Ion: 59 Resp: 203
Ion Ratio Lower Upper
59 100
57 43.3 8.6 12.8#





#16

Acetone

Concen: 4.60 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001362.D

Acq: 03 May 2018 16:35

Instrument :

MSVOA_X

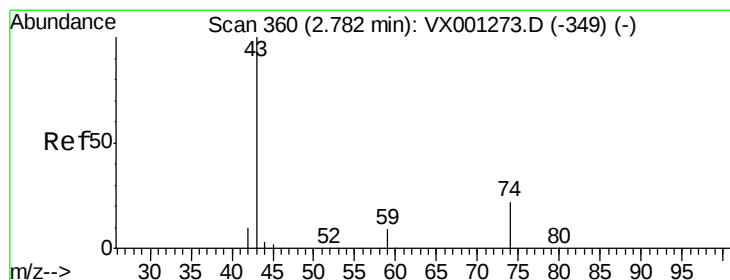
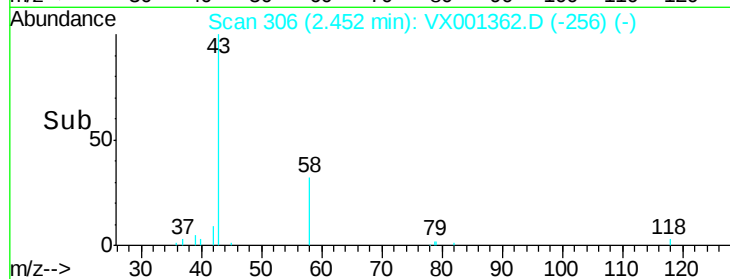
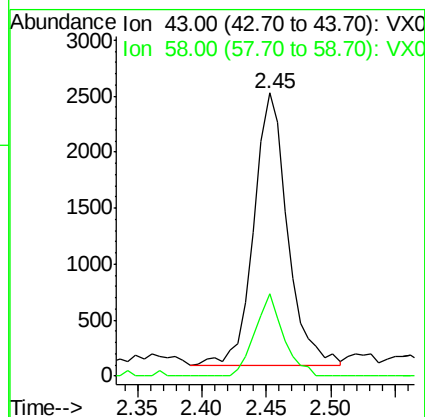
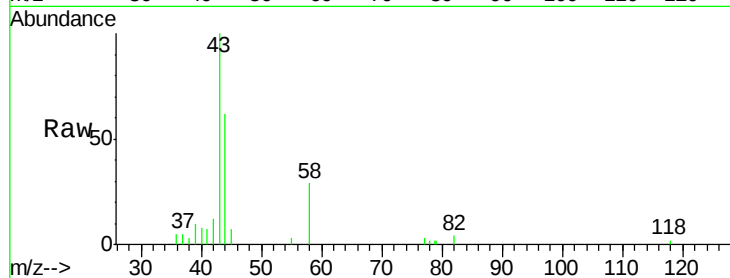
ClientSampleId :
001

Tgt Ion: 43 Resp: 4367

Ion Ratio Lower Upper

43 100

58 30.4 22.8 34.2



#18

Methyl Acetate

Concen: 1.87 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX001362.D

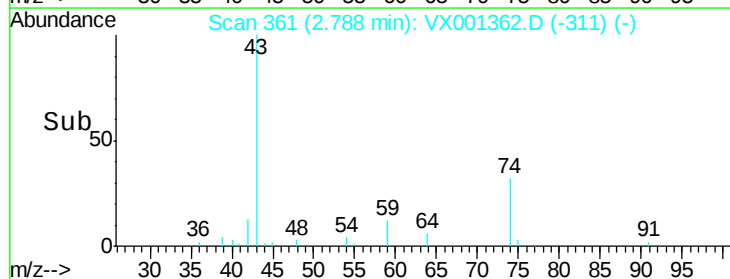
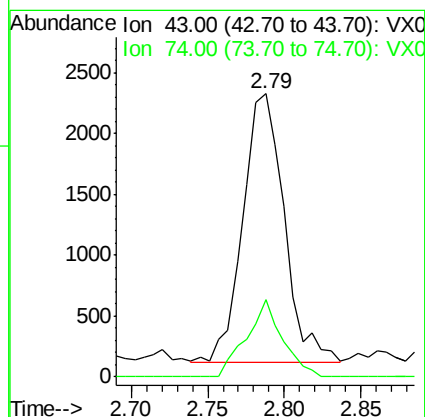
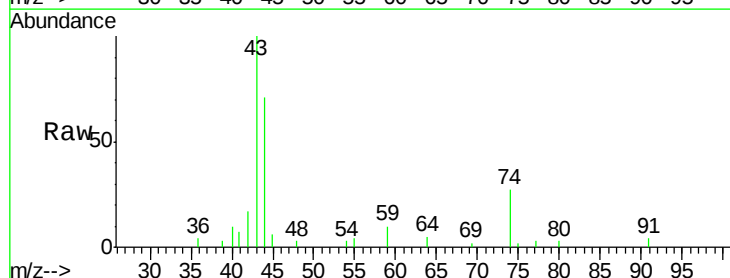
Acq: 03 May 2018 16:35

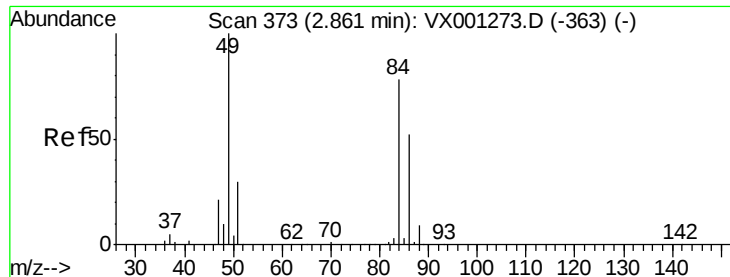
Tgt Ion: 43 Resp: 4183

Ion Ratio Lower Upper

43 100

74 24.6 17.8 26.6

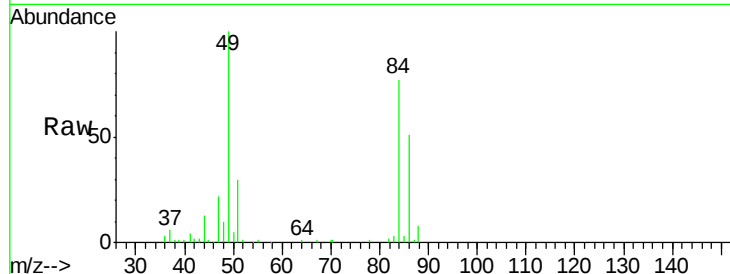




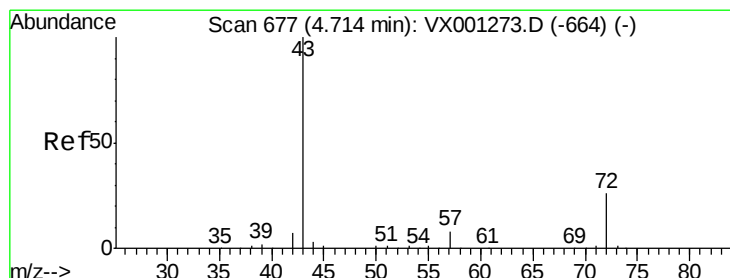
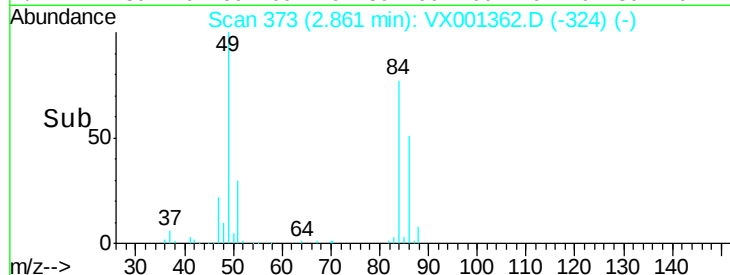
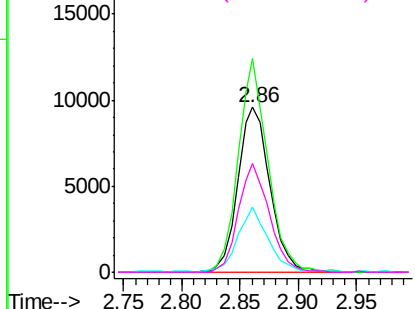
#20
Methylene Chloride
Concen: 9.44 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001362.D
Acq: 03 May 2018 16:35

Instrument :
MSVOA_X
ClientSampled :
001

Tgt Ion: 84 Resp: 18379
Ion Ratio Lower Upper
84 100
49 129.6 102.8 154.2
51 38.8 30.9 46.3
86 65.7 53.0 79.4

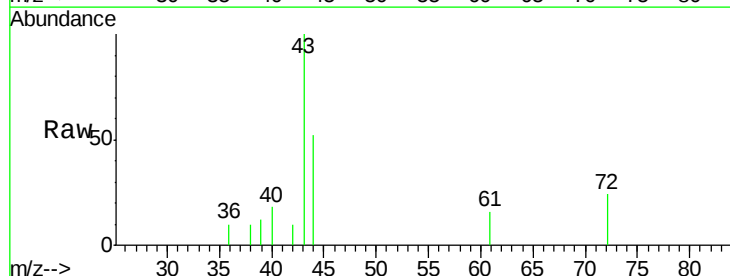


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

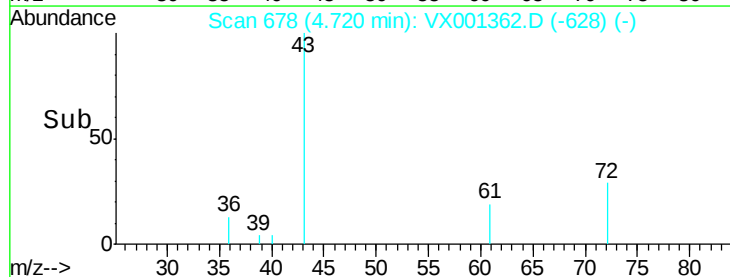
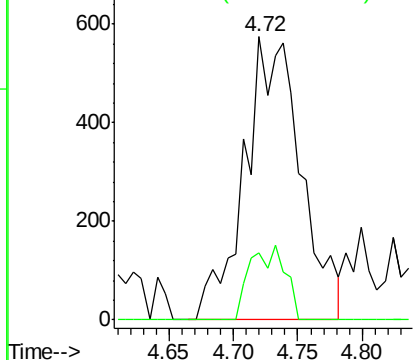


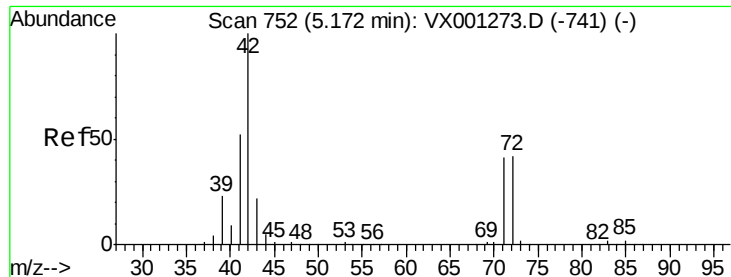
#25
2-Butanone
Concen: 1.37 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX001362.D
Acq: 03 May 2018 16:35

Tgt Ion: 43 Resp: 1755
Ion Ratio Lower Upper
43 100
72 23.9 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: 0.85 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001362.D

Acq: 03 May 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

001

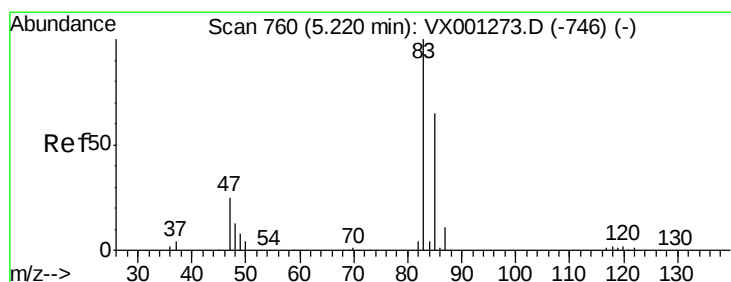
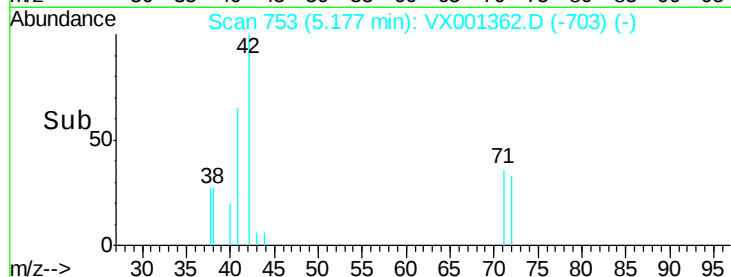
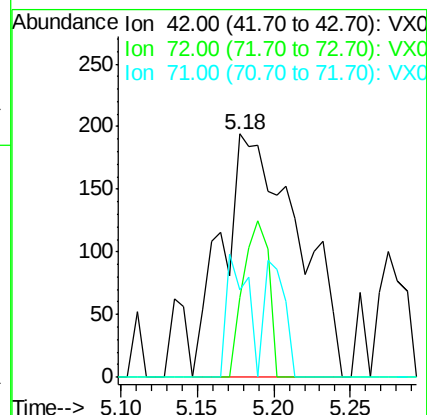
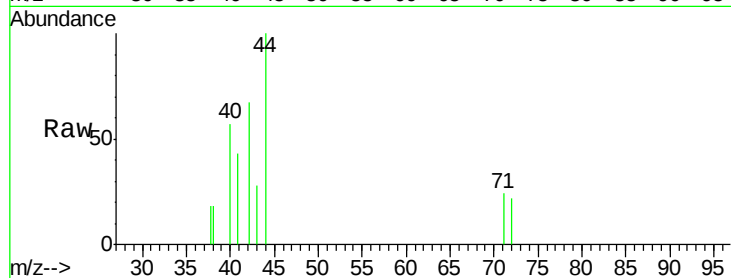
Tgt Ion: 42 Resp: 672

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 13.5 32.7 49.1#



#30

Chloroform

Concen: 0.22 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001362.D

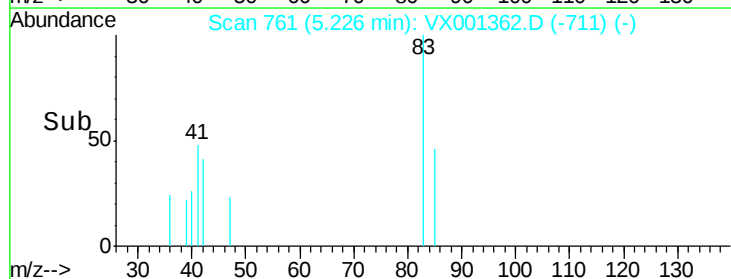
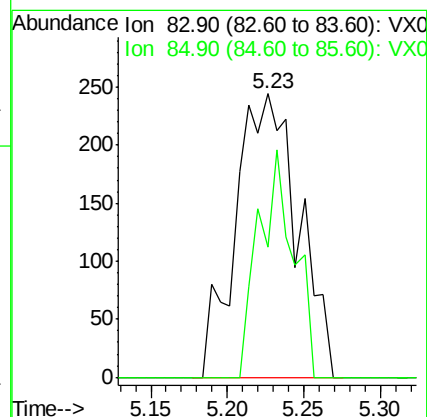
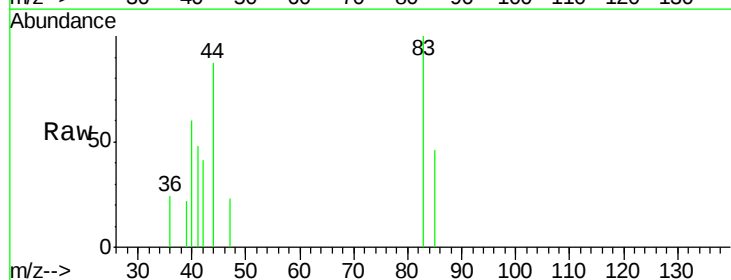
Acq: 03 May 2018 16:35

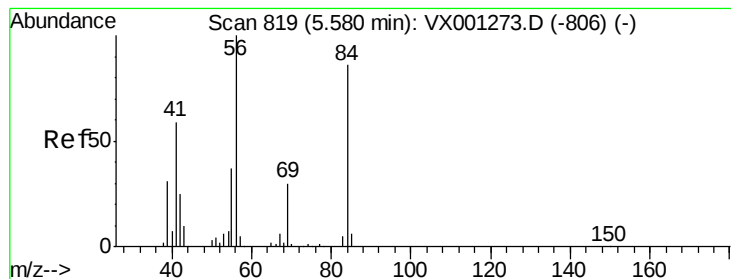
Tgt Ion: 83 Resp: 694

Ion Ratio Lower Upper

83 100

85 45.9 52.2 78.2#





#31

Cyclohexane

Concen: 1.07 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.08 min

Lab File: VX001362.D

Acq: 03 May 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

001

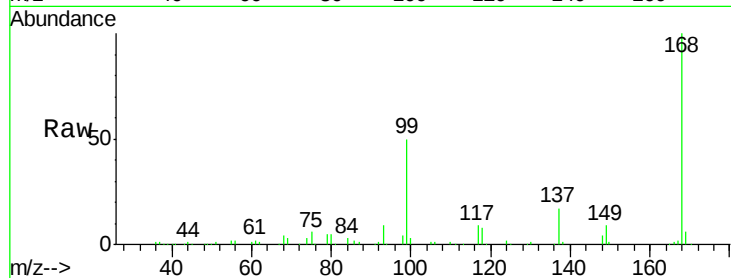
Tgt Ion: 56 Resp: 2914

Ion Ratio Lower Upper

56 100

69 137.4 24.0 36.0#

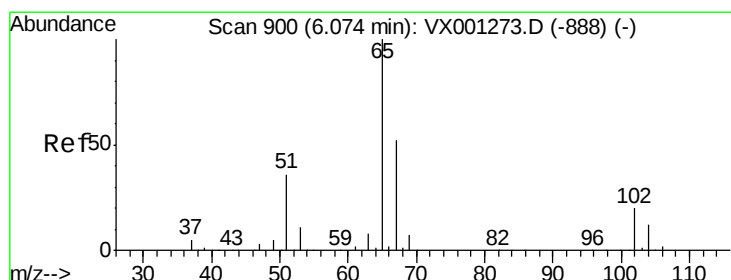
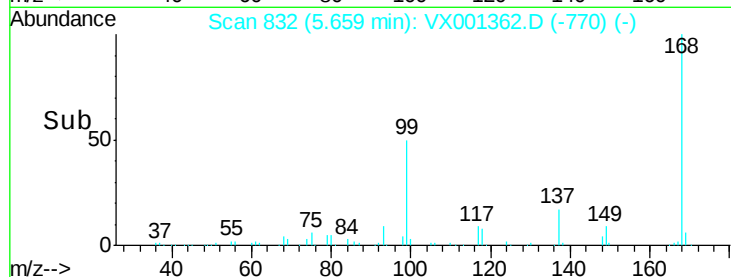
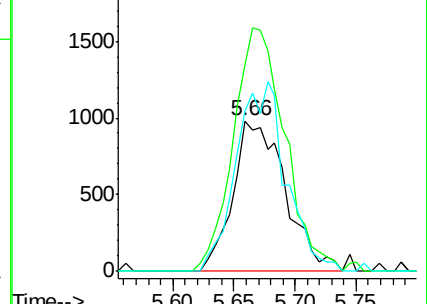
84 106.2 69.0 103.4#



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: 37.79 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001362.D

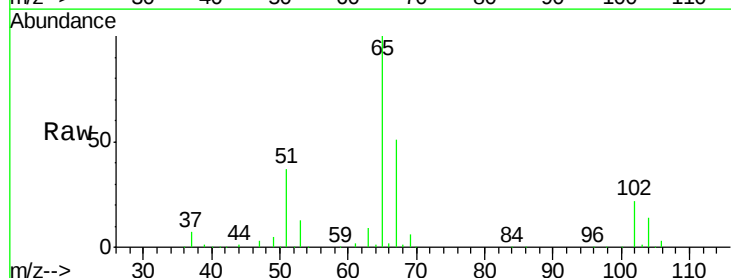
Acq: 03 May 2018 16:35

Tgt Ion: 65 Resp: 83982

Ion Ratio Lower Upper

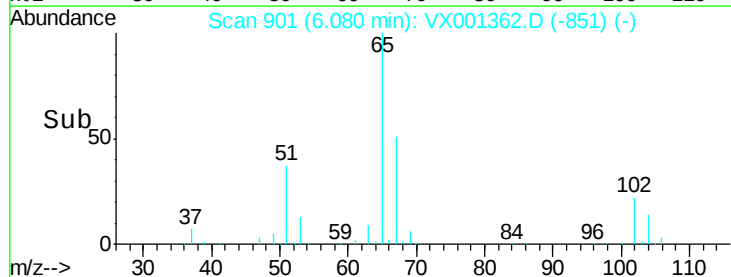
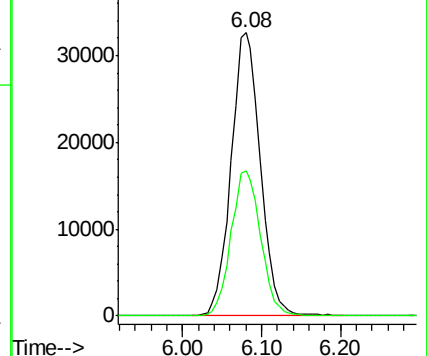
65 100

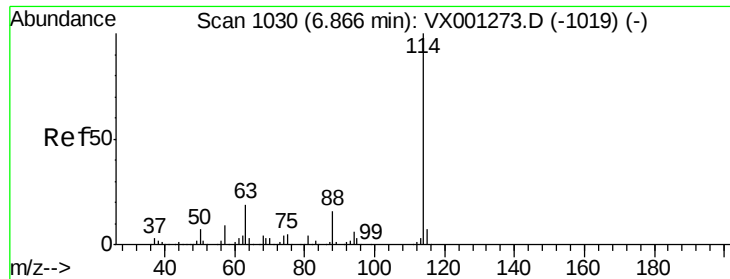
67 52.0 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

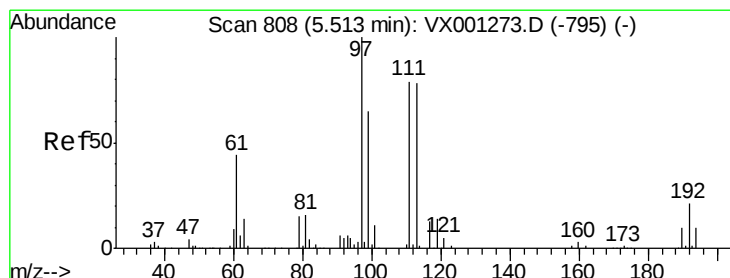
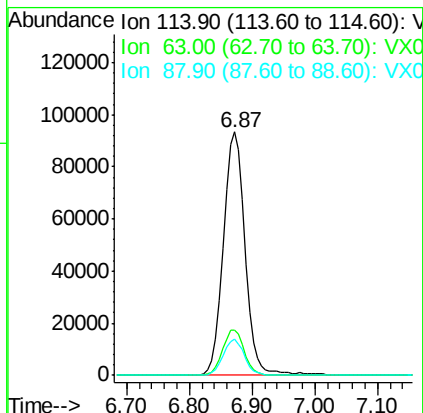
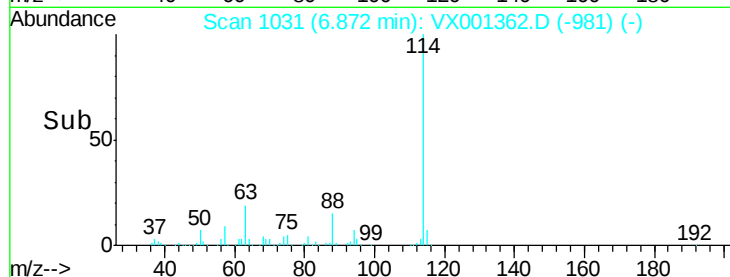
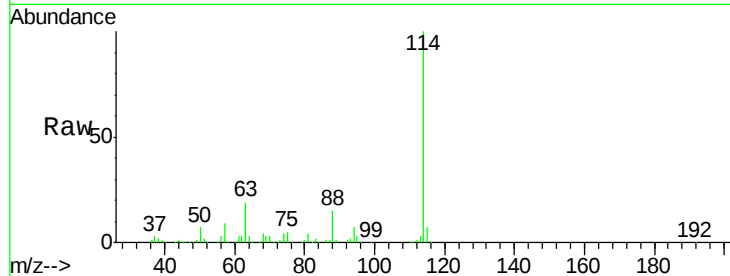




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX001362.D
Acq: 03 May 2018 16:35

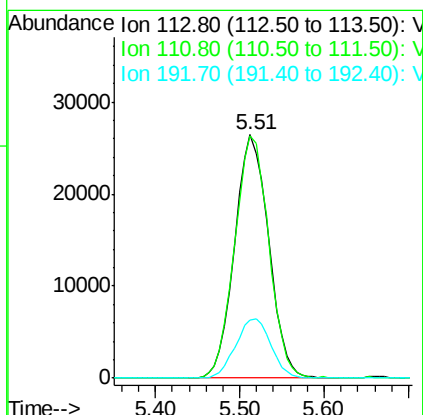
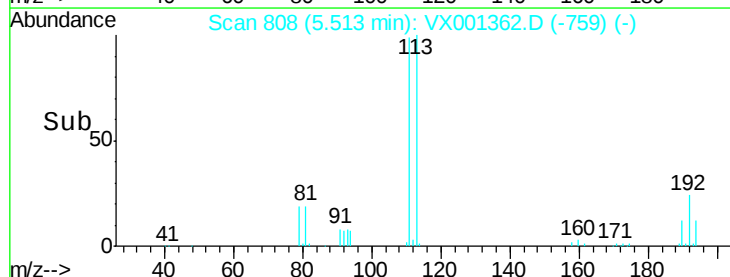
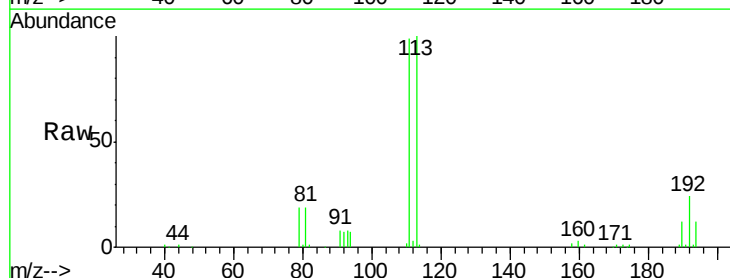
Instrument :
MSVOA_X
ClientSampleId :
001

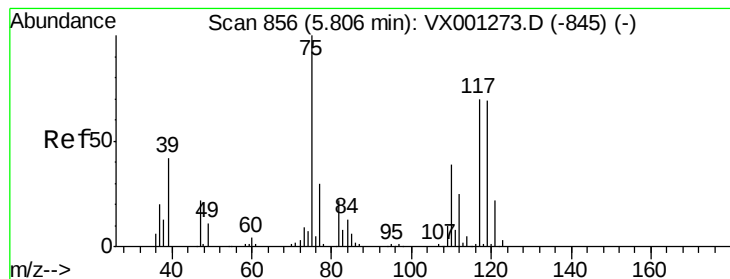
Tgt Ion:114 Resp: 224758
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.8
88 15.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 37.37 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001362.D
Acq: 03 May 2018 16:35

Tgt Ion:113 Resp: 72354
Ion Ratio Lower Upper
113 100
111 99.8 81.2 121.8
192 25.1 20.7 31.1





#36

1,1-Dichloropropene

Concen: 3.70 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001362.D

Acq: 03 May 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

001

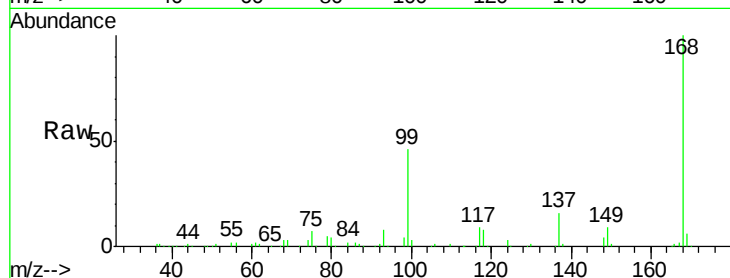
Tgt Ion: 75 Resp: 9607

Ion Ratio Lower Upper

75 100

110 11.2 18.9 56.9#

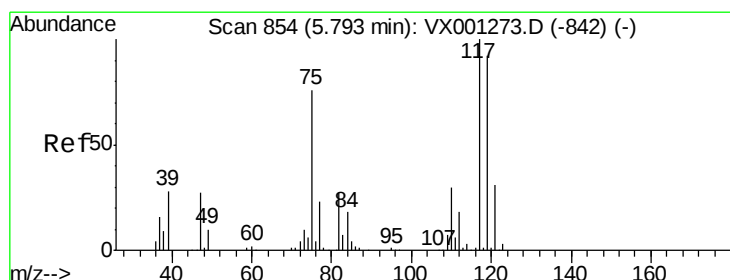
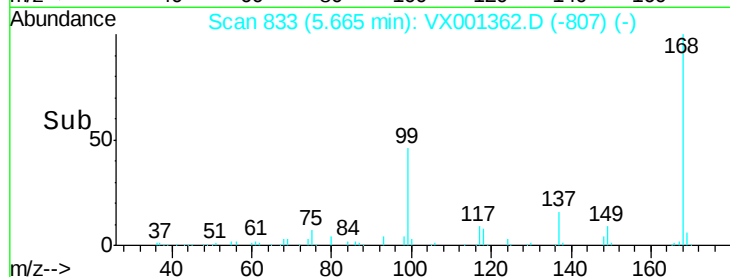
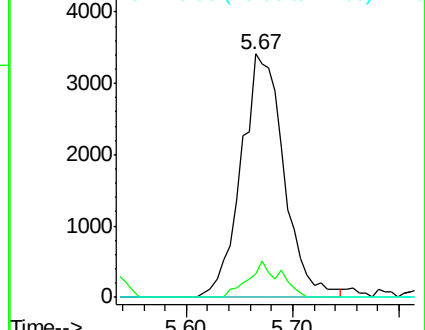
77 0.0 24.2 36.2#



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: 4.98 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001362.D

Acq: 03 May 2018 16:35

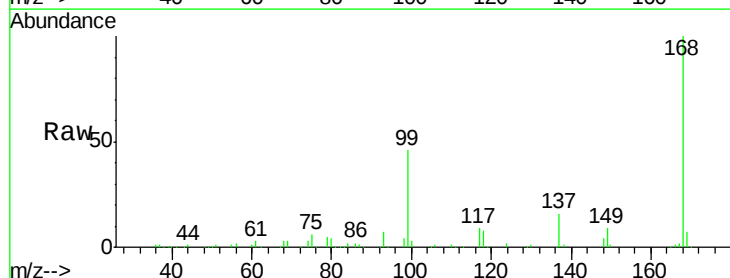
Tgt Ion: 117 Resp: 13542

Ion Ratio Lower Upper

117 100

119 3.6 73.4 110.2#

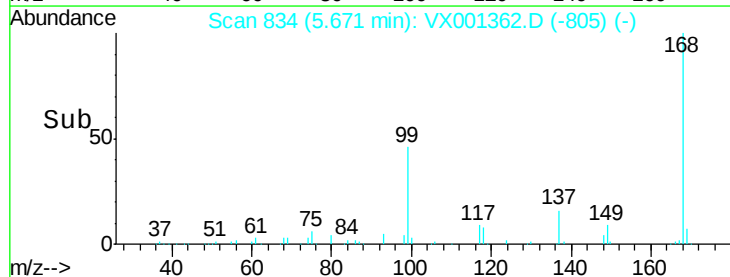
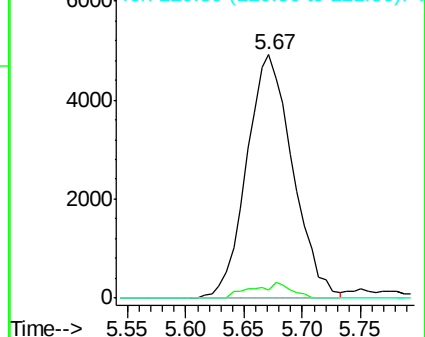
121 0.0 25.0 37.4#

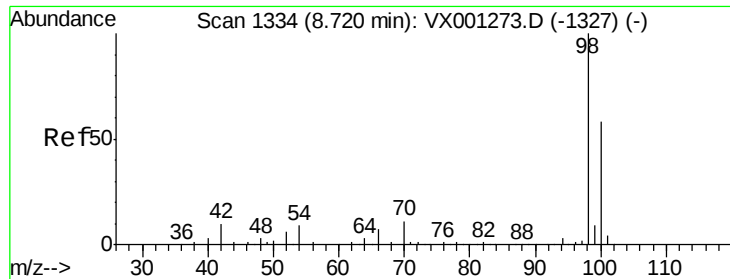


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 37.64 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001362.D

Acq: 03 May 2018 16:35

Instrument :

MSVOA_X

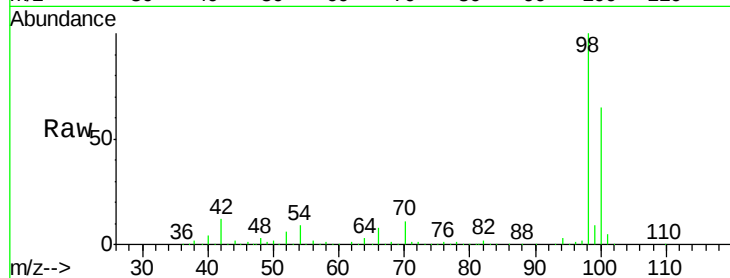
ClientSampleId :
001

Tgt Ion: 98 Resp: 260380

Ion Ratio Lower Upper

98 100

100 63.9 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

150000

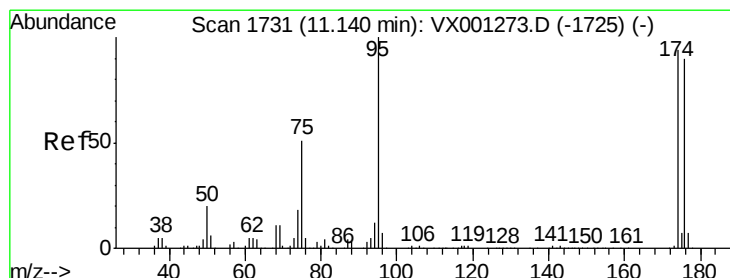
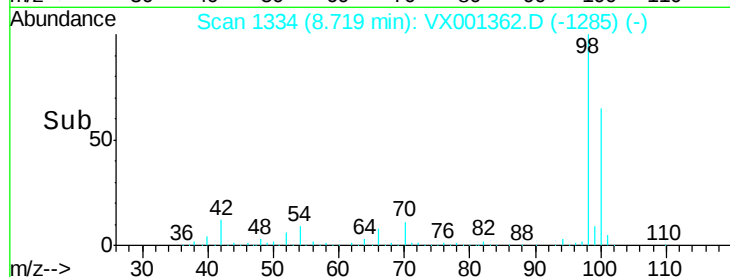
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 31.16 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001362.D

Acq: 03 May 2018 16:35

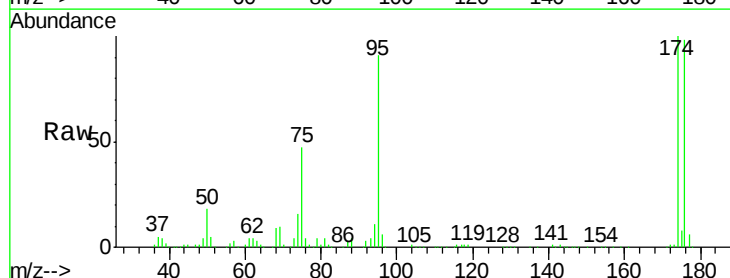
Tgt Ion: 95 Resp: 86208

Ion Ratio Lower Upper

95 100

174 105.1 0.0 201.8

176 102.9 0.0 197.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

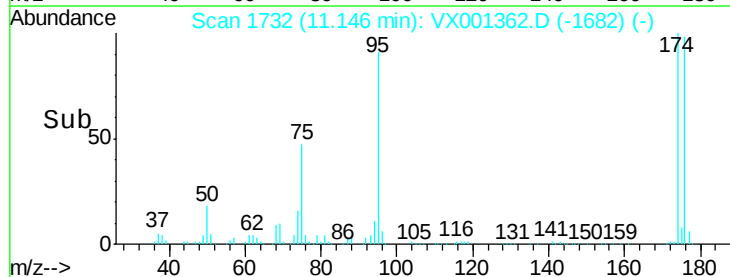
40000

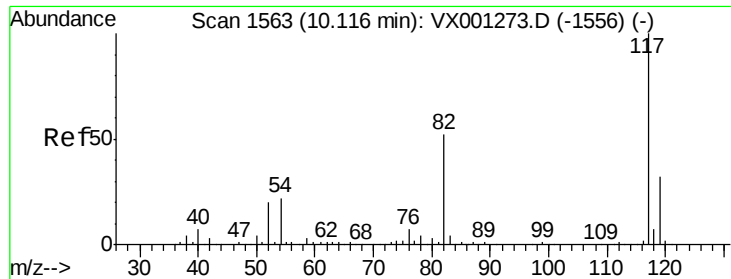
20000

0

11.10 11.20

Time-->

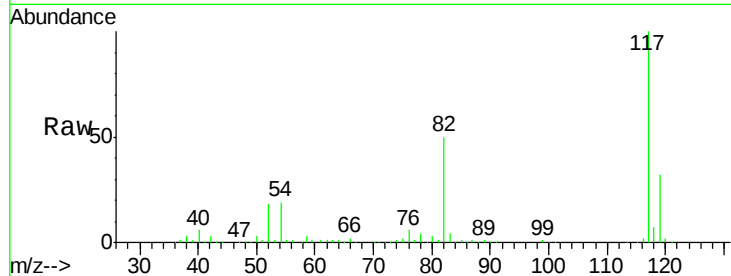




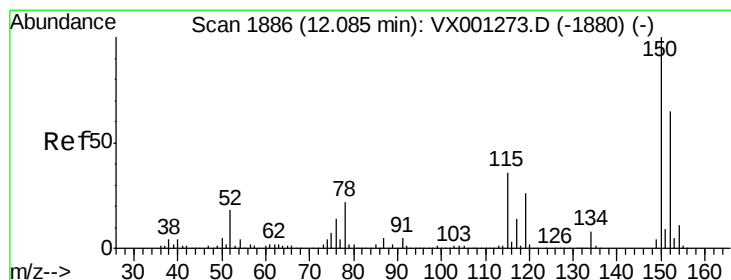
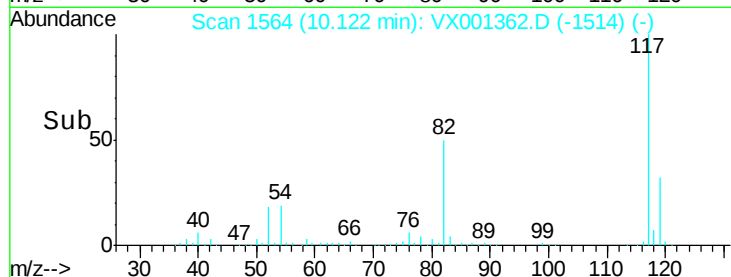
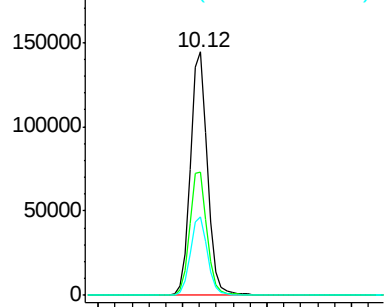
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001362.D
Acq: 03 May 2018 16:35

Instrument :
MSVOA_X
ClientSampled :
001

Tgt Ion:117 Resp: 202560
Ion Ratio Lower Upper
117 100
82 50.5 41.4 62.0
119 32.3 25.5 38.3

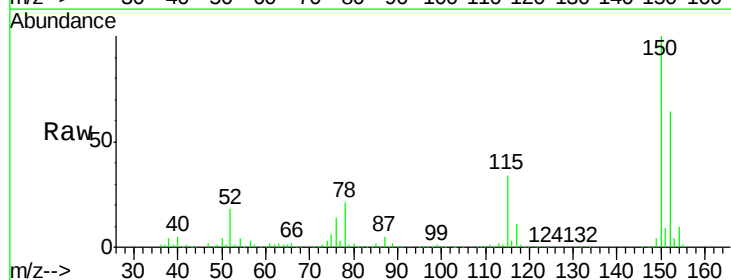


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

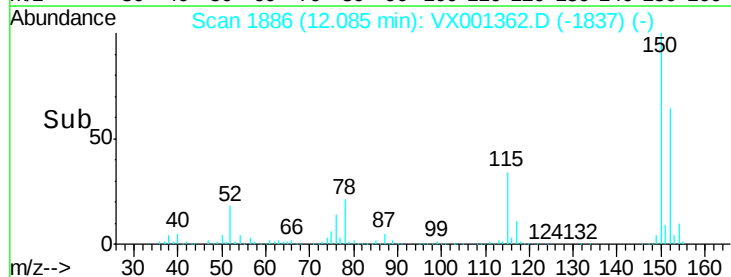
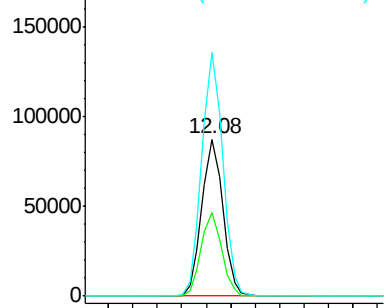


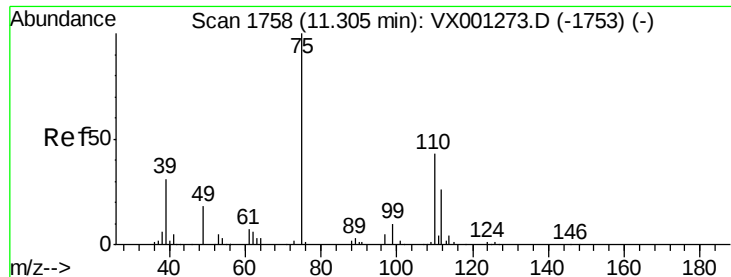
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001362.D
Acq: 03 May 2018 16:35

Tgt Ion:152 Resp: 103918
Ion Ratio Lower Upper
152 100
115 52.4 38.6 115.7
150 154.7 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: 23.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001362.D

Acq: 03 May 2018 16:35

Instrument :

MSVOA_X

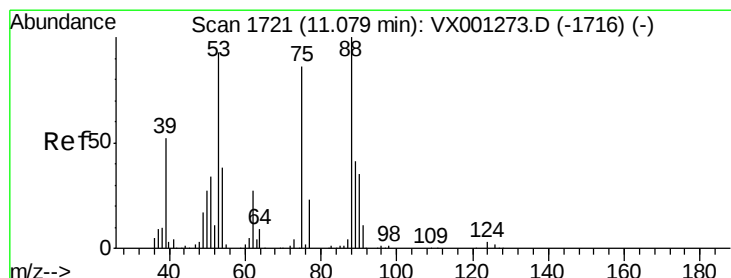
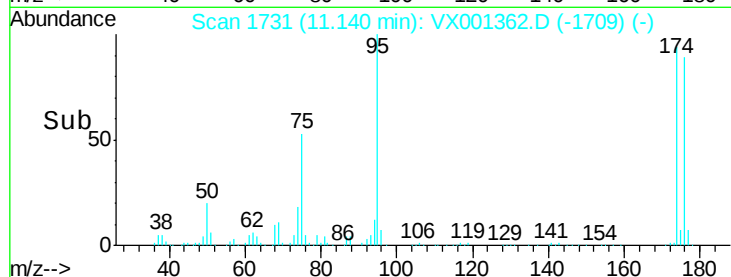
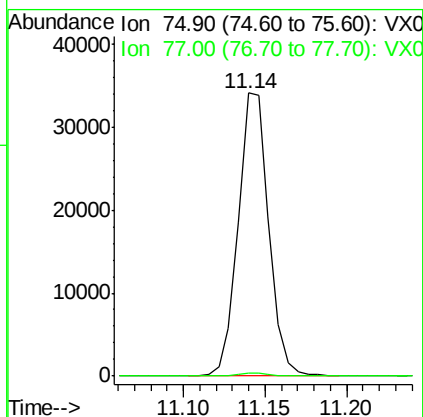
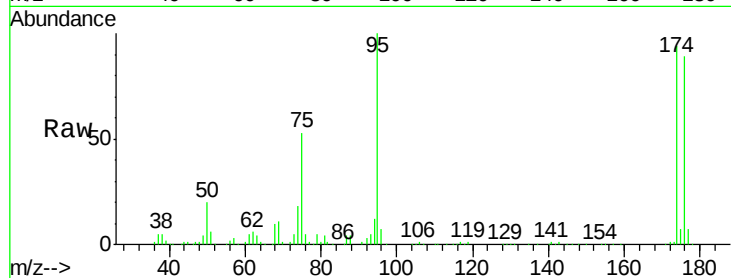
ClientSampleId :
001

Tgt Ion: 75 Resp: 44450

Ion Ratio Lower Upper

75 100

77 1.0 18.9 56.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001362.D

Acq: 03 May 2018 16:35

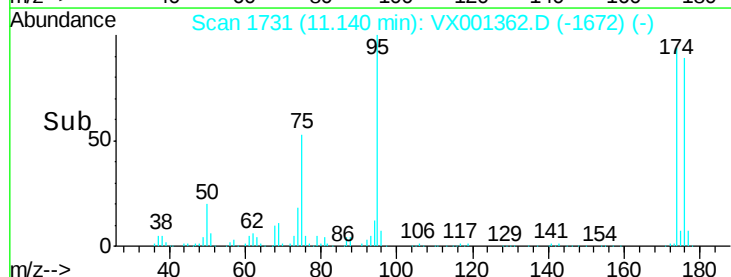
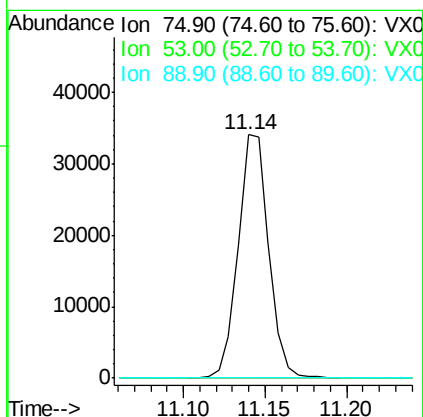
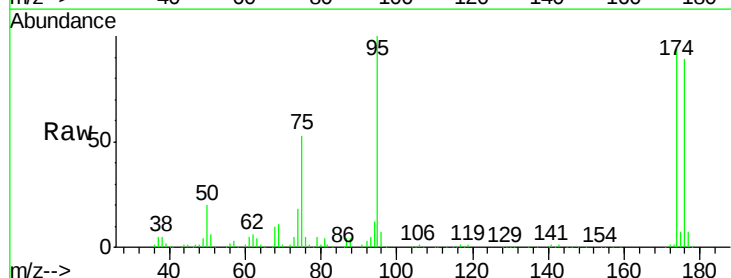
Tgt Ion: 75 Resp: 44450

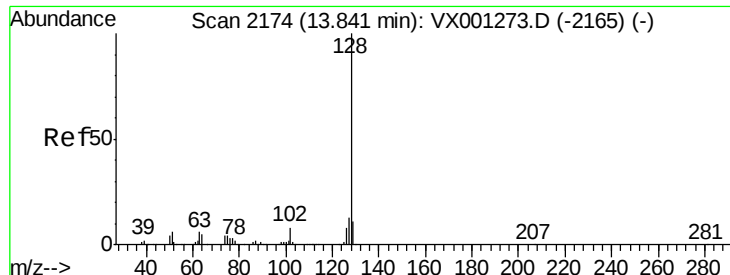
Ion Ratio Lower Upper

75 100

53 0.1 87.1 130.7#

89 0.0 38.9 58.3#





#95

Naphthalene

Concen: 5.71 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001362.D

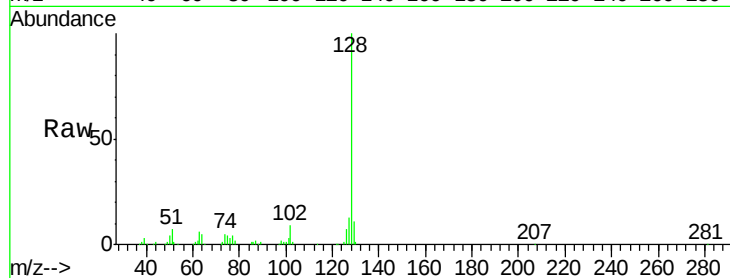
Acq: 03 May 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

001



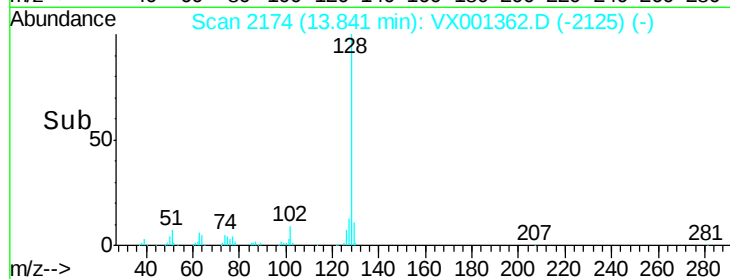
Tgt Ion:128 Resp: 43442

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.1 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

