

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001540.D
 Acq On : 09 May 2018 03:48
 Operator : JC/MD
 Sample : J2677-04 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-050718

Quant Time: May 09 06:54:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335951	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	164700	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166128	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
35) Dibromofluoromethane	5.51	113	128560	43.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.04%	
50) Toluene-d8	8.72	98	464068	42.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.10%	
62) 4-Bromofluorobenzene	11.14	95	153580	36.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.36%	

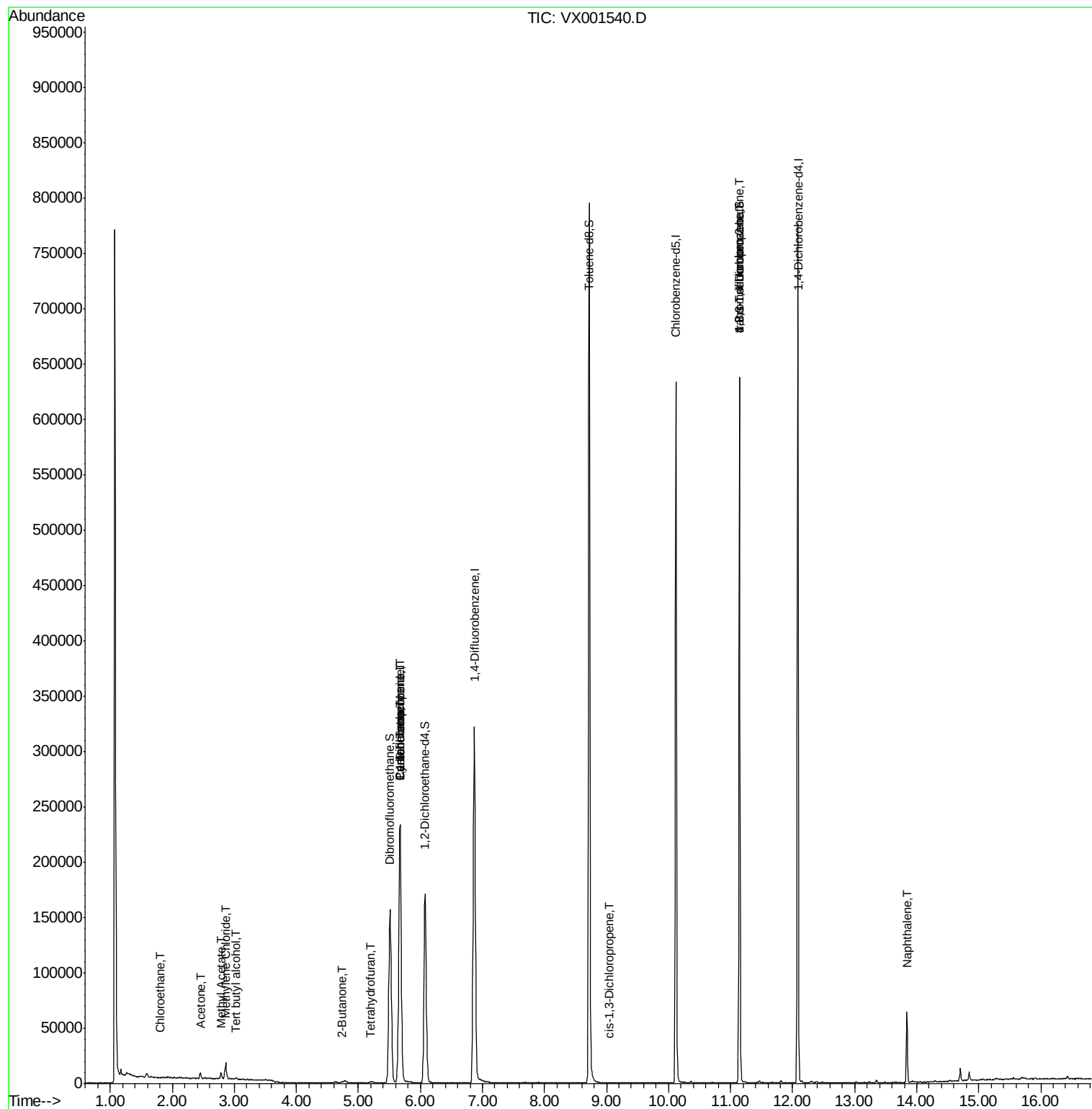
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	875	Below Cal	#	62
6) Chloroethane	1.81	64	2491	1.13	ug/l #	51
11) Tert butyl alcohol	3.03	59	873	1.18	ug/l #	79
13) Acrolein	2.29	56	89	Below Cal	#	1
16) Acetone	2.45	43	5891	3.69	ug/l	99
18) Methyl Acetate	2.78	43	6124	1.46	ug/l	99
20) Methylene Chloride	2.86	84	6742	2.13	ug/l	95
25) 2-Butanone	4.73	43	1334	0.58	ug/l	93
29) Tetrahydrofuran	5.18	42	783	0.53	ug/l #	60
31) Cyclohexane	5.68	56	4521	1.00	ug/l #	40
36) 1,1-Dichloropropene	5.67	75	15104	3.53	ug/l #	49
38) Carbon Tetrachloride	5.67	117	21056	4.62	ug/l #	16
54) cis-1,3-Dichloropropene	9.03	75	19	2.27	ug/l #	34
76) 1,2,3-Trichloropropane	11.14	75	76242	22.82	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	76242	70.82	ug/l #	7
95) Naphthalene	13.84	128	38845	3.18	ug/l	99

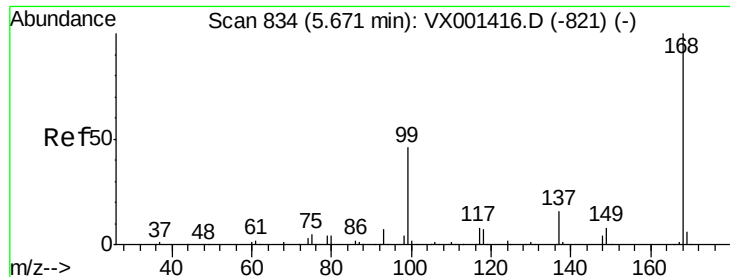
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
Data File : VX001540.D
Acq On : 09 May 2018 03:48
Operator : JC/MD
Sample : J2677-04 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OK-01-050718

Quant Time: May 09 06:54:07 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 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: VX001540.D

Acq: 09 May 2018 03:48

Instrument :

MSVOA_X

ClientSampleId :

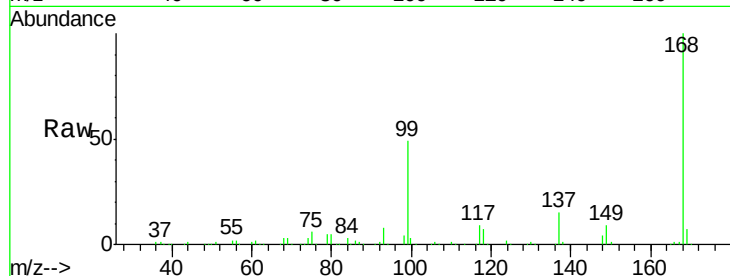
OK-01-050718

Tgt Ion:168 Resp: 244675

Ion Ratio Lower Upper

168 100

99 48.6 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

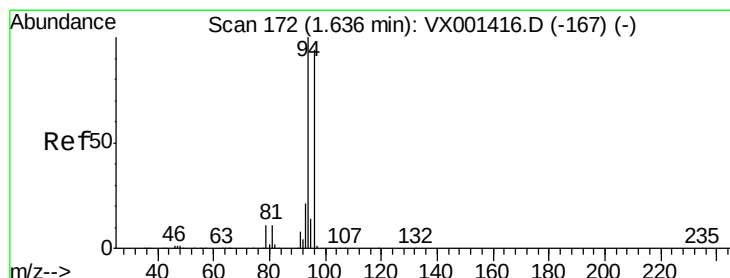
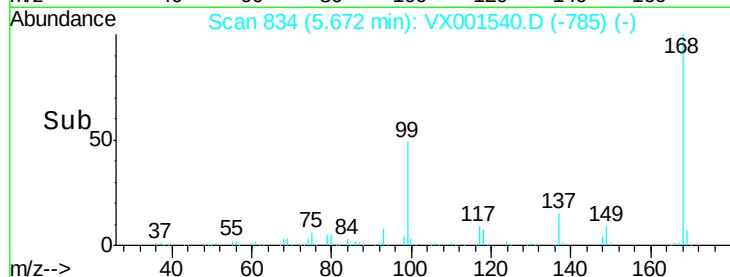
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001540.D

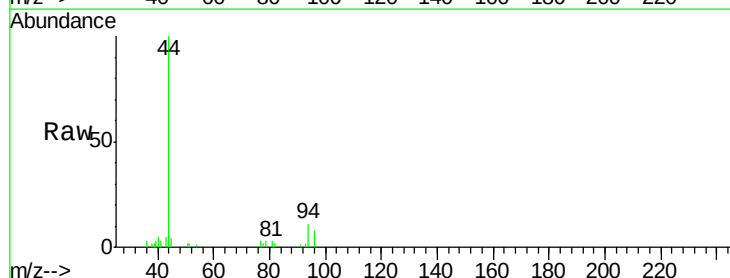
Acq: 09 May 2018 03:48

Tgt Ion: 94 Resp: 875

Ion Ratio Lower Upper

94 100

96 57.2 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

500

400

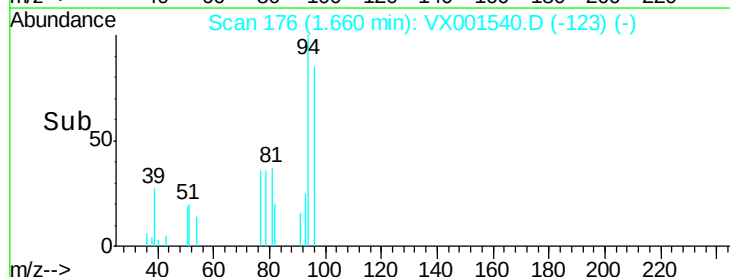
300

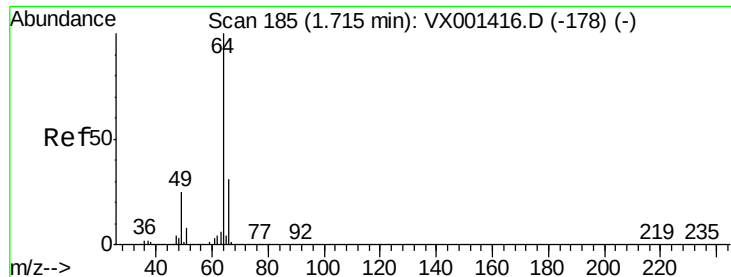
200

100

0

Time--> 1.60 1.65 1.70 1.75





#6

Chloroethane

Concen: 1.13 ug/l

RT: 1.81 min Scan# 200

Delta R.T. 0.09 min

Lab File: VX001540.D

Acq: 09 May 2018 03:48

Instrument :

MSVOA_X

ClientSampleId :

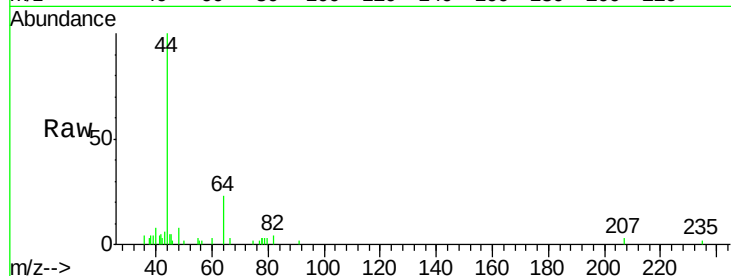
OK-01-050718

Tgt Ion: 64 Resp: 2491

Ion Ratio Lower Upper

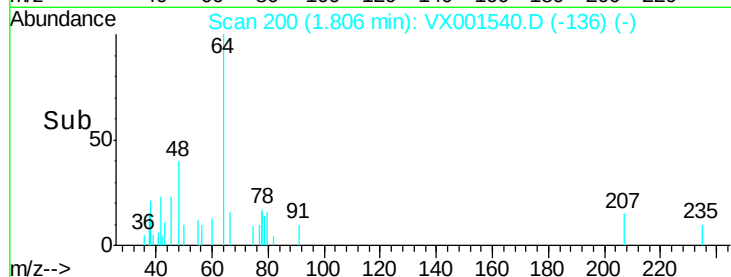
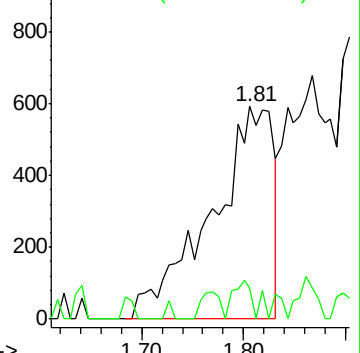
64 100

66 4.2 25.1 37.7#

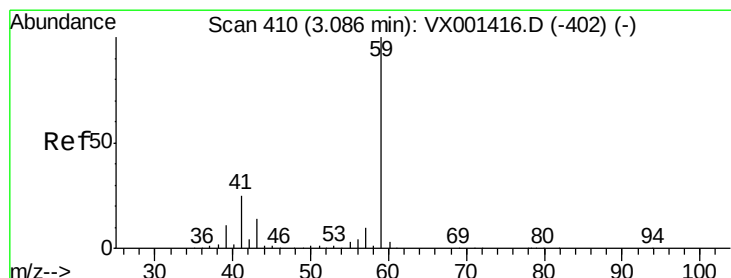


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



#11

Tert butyl alcohol

Concen: 1.18 ug/l

RT: 3.03 min Scan# 400

Delta R.T. -0.06 min

Lab File: VX001540.D

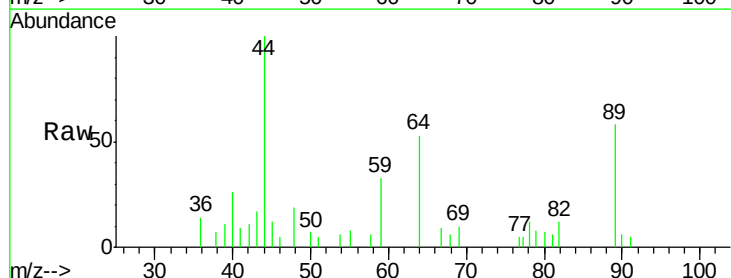
Acq: 09 May 2018 03:48

Tgt Ion: 59 Resp: 873

Ion Ratio Lower Upper

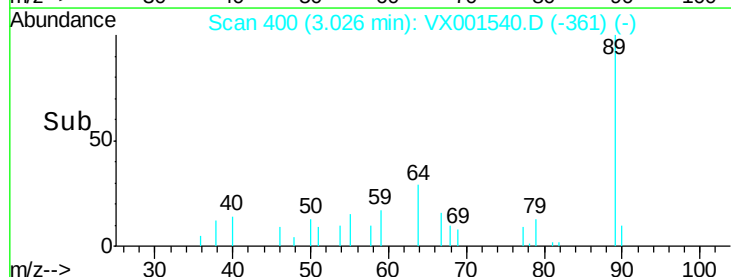
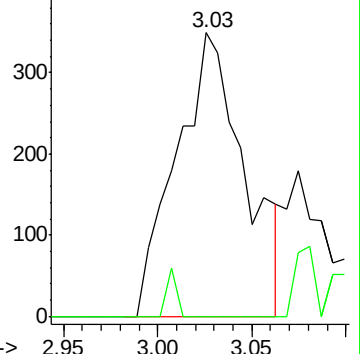
59 100

57 2.5 8.2 12.4#

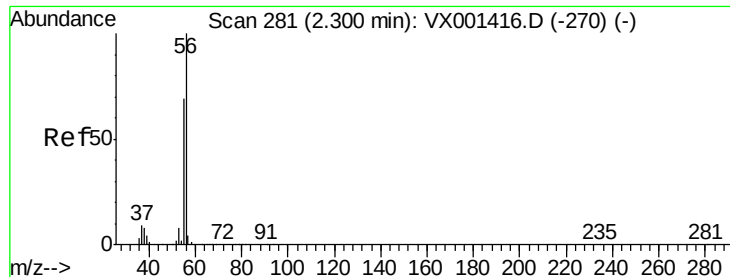


Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->



#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX001540.D

Acq: 09 May 2018 03:48

Instrument :

MSVOA_X

ClientSampleId :

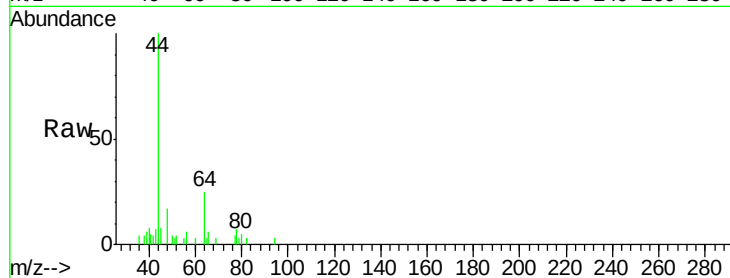
OK-01-050718

Tgt Ion: 56 Resp: 89

Ion Ratio Lower Upper

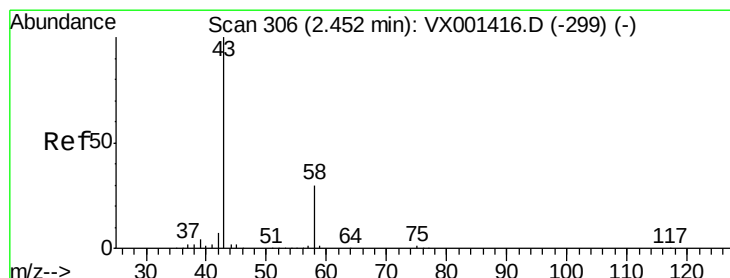
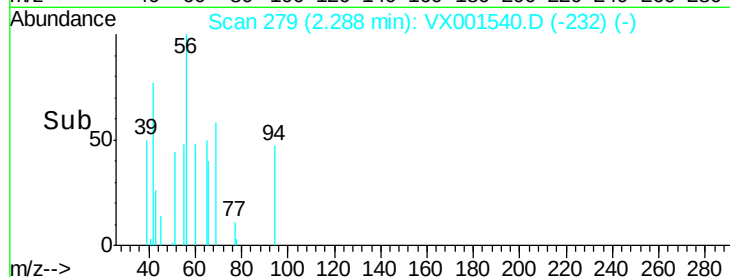
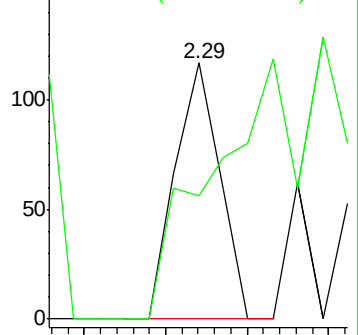
56 100

55 184.3 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 3.69 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001540.D

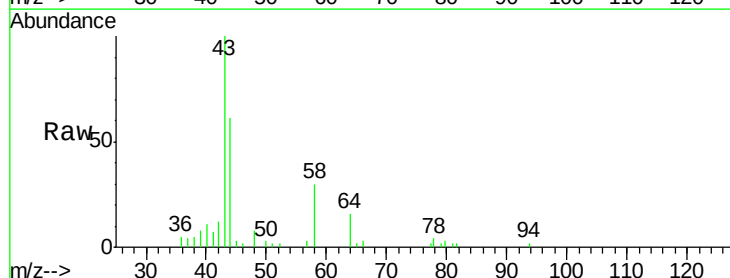
Acq: 09 May 2018 03:48

Tgt Ion: 43 Resp: 5891

Ion Ratio Lower Upper

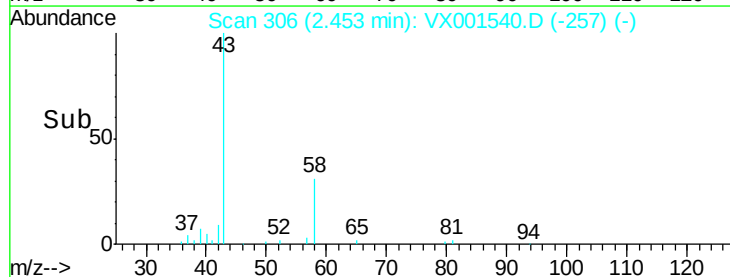
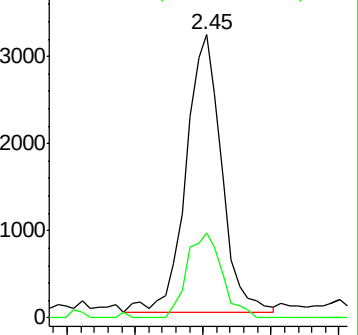
43 100

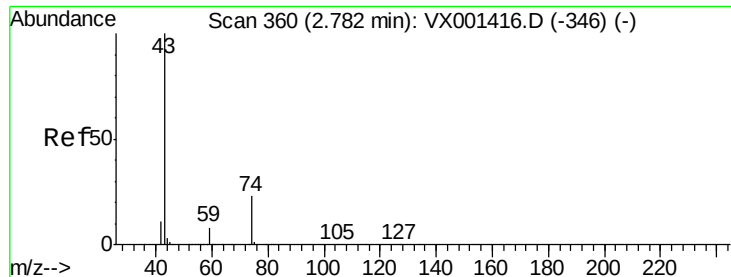
58 30.5 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

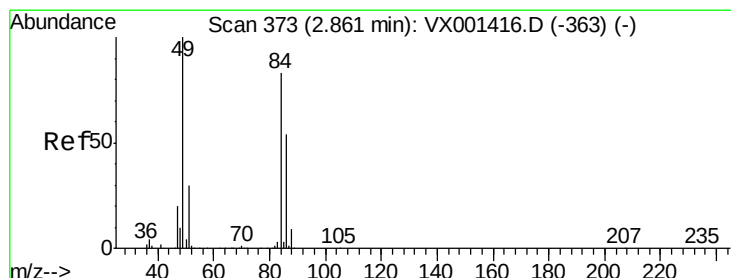
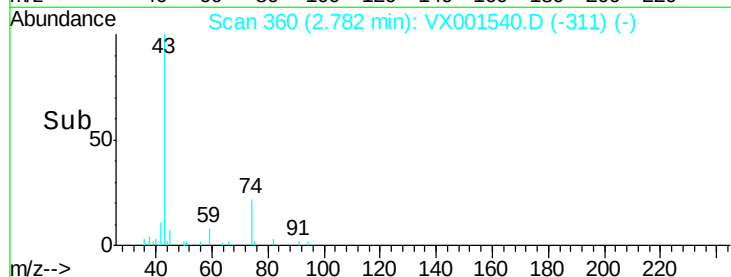
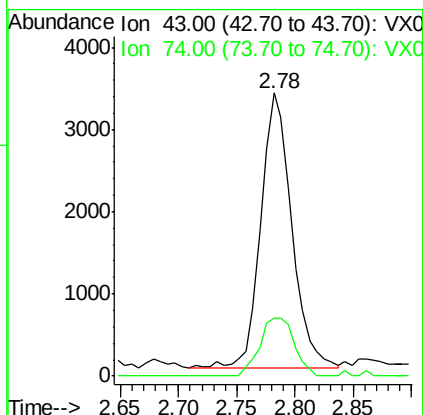
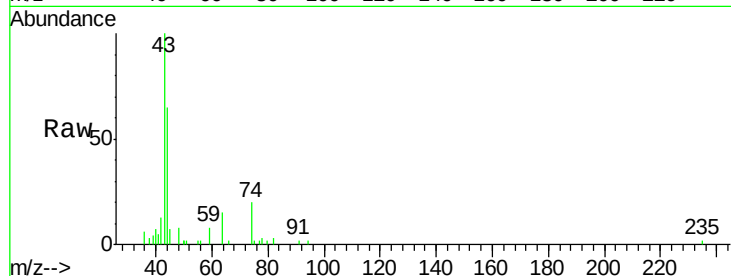




#18
Methyl Acetate
Concen: 1.46 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001540.D
Acq: 09 May 2018 03:48

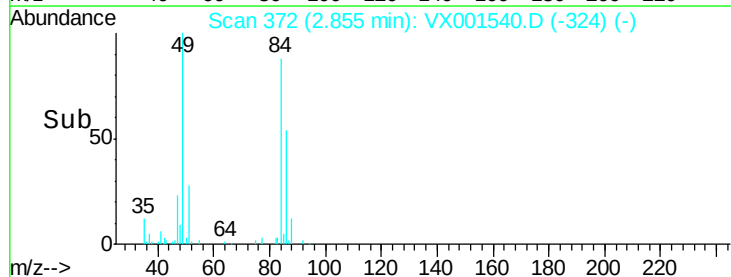
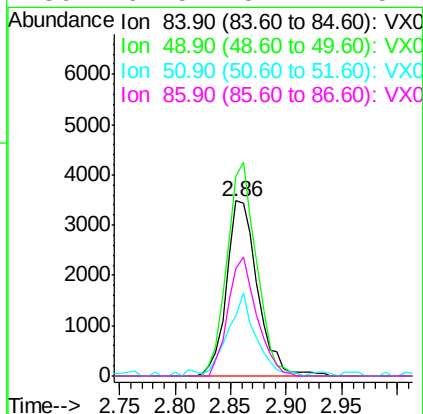
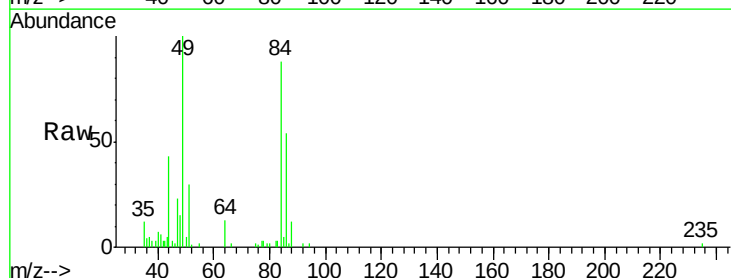
Instrument :
MSVOA_X
ClientSampleId :
OK-01-050718

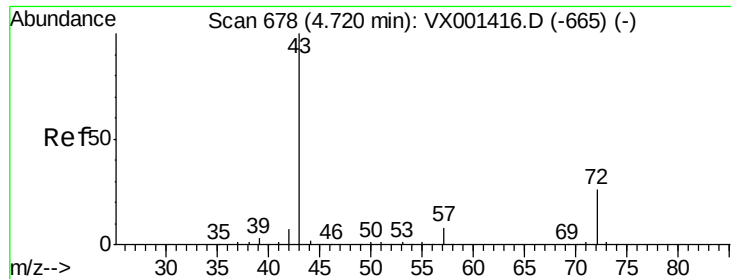
Tgt Ion: 43 Resp: 6124
Ion Ratio Lower Upper
43 100
74 23.4 18.6 27.8



#20
Methylene Chloride
Concen: 2.13 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001540.D
Acq: 09 May 2018 03:48

Tgt Ion: 84 Resp: 6742
Ion Ratio Lower Upper
84 100
49 113.6 96.6 144.8
51 34.2 29.0 43.4
86 61.5 52.2 78.4





#25

2-Butanone

Concen: 0.58 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX001540.D

Acq: 09 May 2018 03:48

Instrument :

MSVOA_X

ClientSampled :

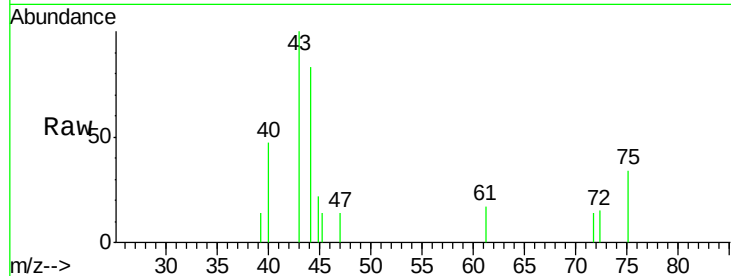
OK-01-050718

Tgt Ion: 43 Resp: 1334

Ion Ratio Lower Upper

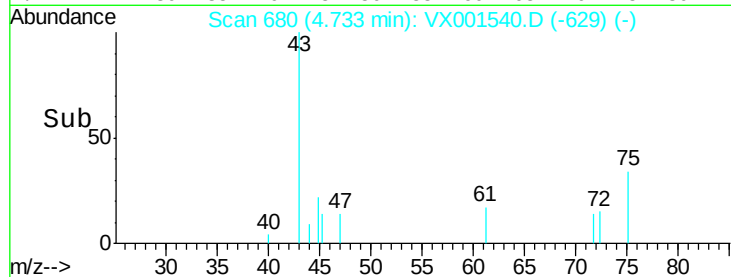
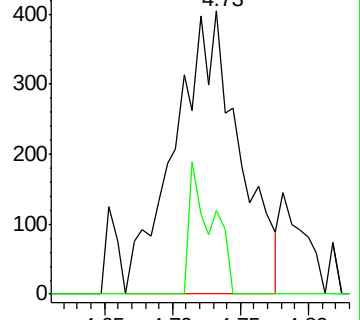
43 100

72 29.5 20.7 31.1

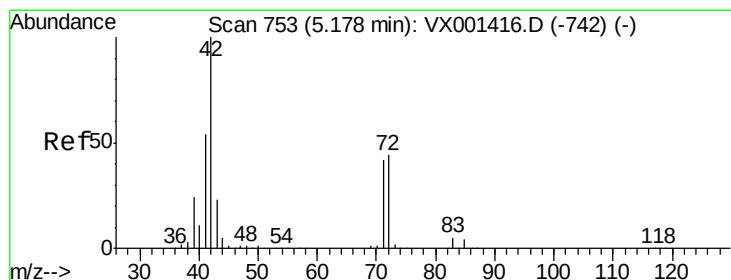


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#29

Tetrahydrofuran

Concen: 0.53 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001540.D

Acq: 09 May 2018 03:48

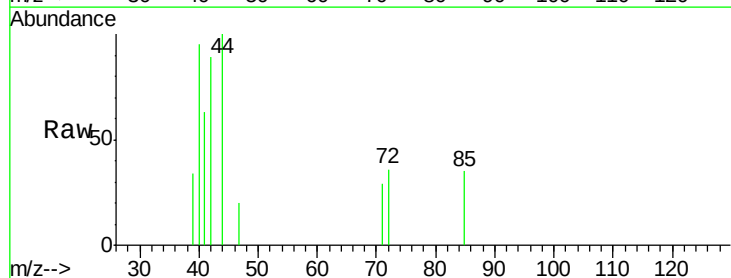
Tgt Ion: 42 Resp: 783

Ion Ratio Lower Upper

42 100

72 24.4 35.4 53.2#

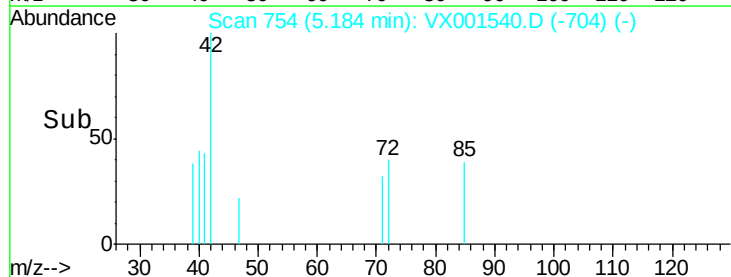
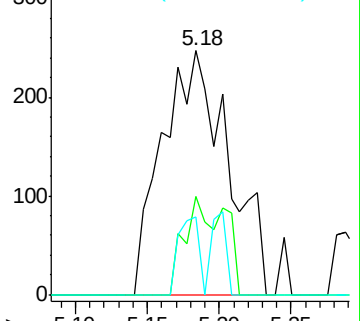
71 10.1 33.0 49.4#



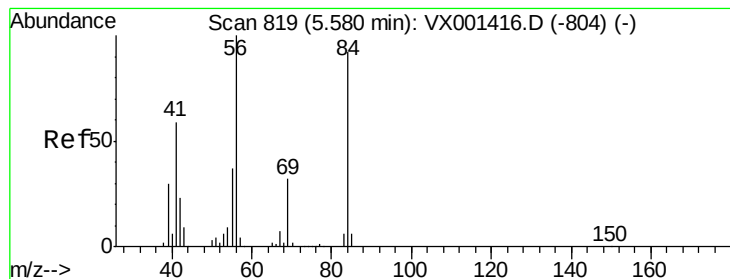
Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->



#31

Cyclohexane

Concen: 1.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.10 min

Lab File: VX001540.D

Acq: 09 May 2018 03:48

Instrument :

MSVOA_X

ClientSampleId :

OK-01-050718

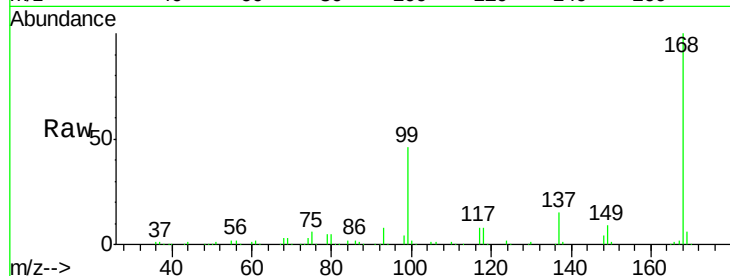
Tgt Ion: 56 Resp: 4521

Ion Ratio Lower Upper

56 100

69 144.4 25.4 38.0#

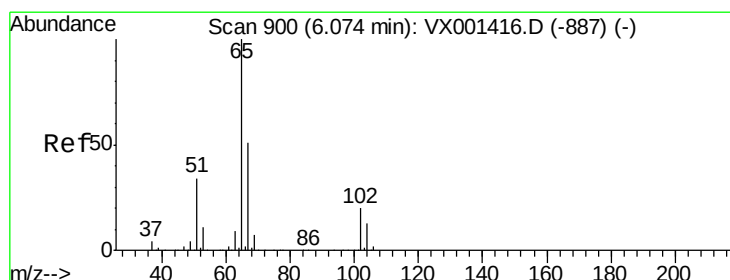
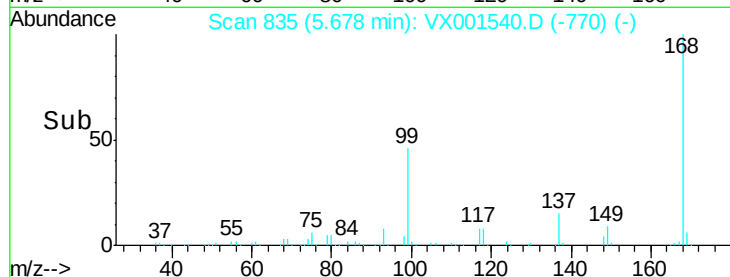
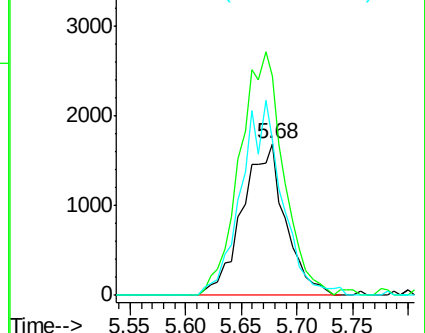
84 102.9 73.8 110.8



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: 47.24 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001540.D

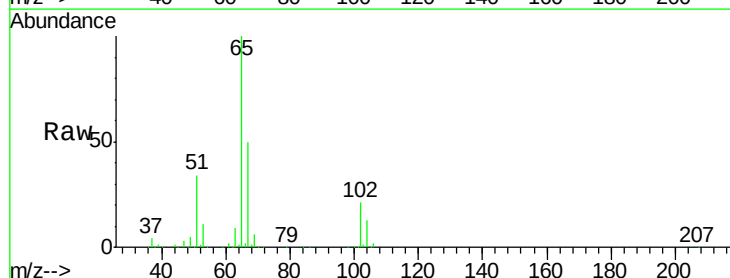
Acq: 09 May 2018 03:48

Tgt Ion: 65 Resp: 166128

Ion Ratio Lower Upper

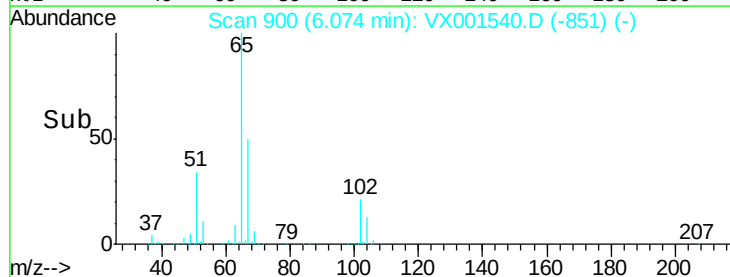
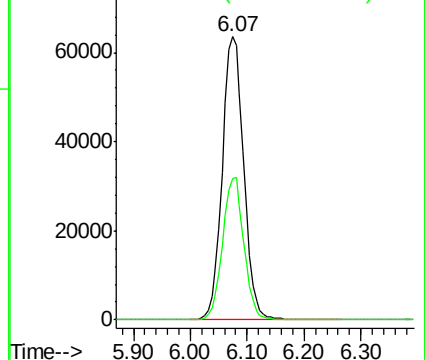
65 100

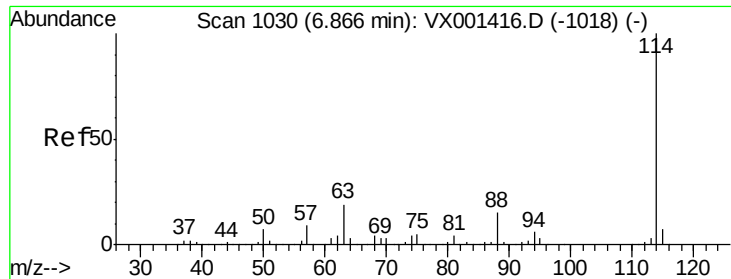
67 49.9 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

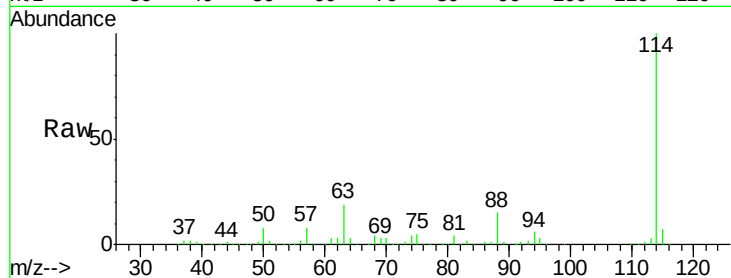




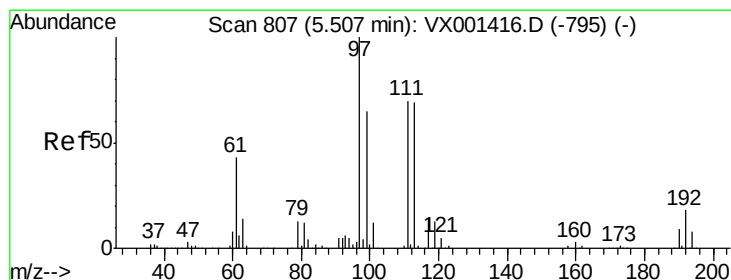
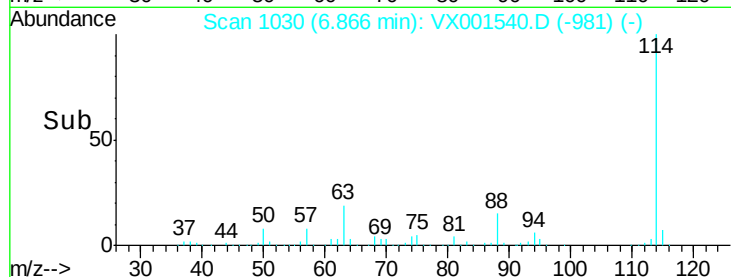
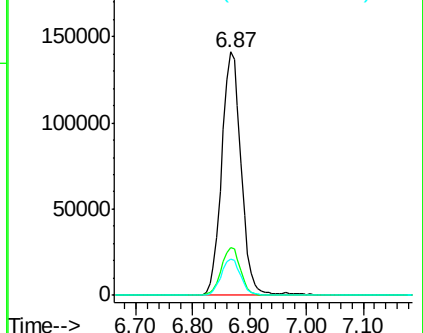
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001540.D
Acq: 09 May 2018 03:48

Instrument :
MSVOA_X
ClientSampleId :
OK-01-050718

Tgt Ion:114 Resp: 335951
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.0 0.0 30.8

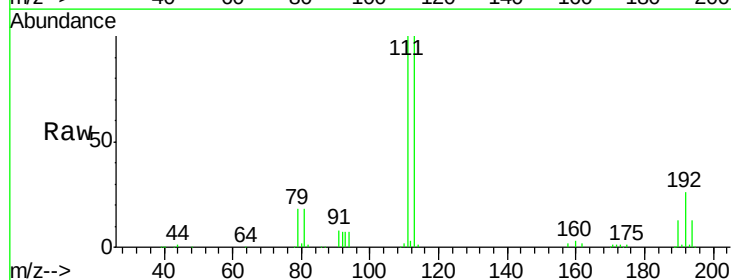


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

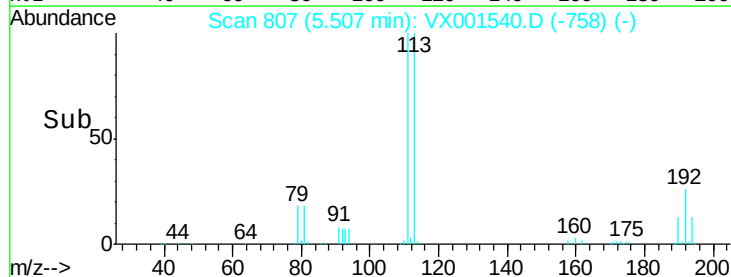
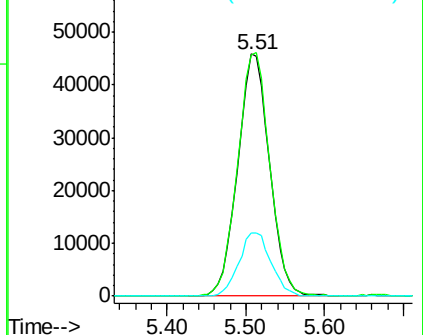


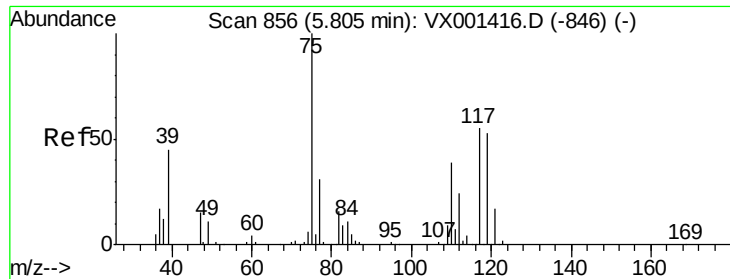
#35
Dibromofluoromethane
Concen: 43.02 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX001540.D
Acq: 09 May 2018 03:48

Tgt Ion:113 Resp: 128560
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 26.5 21.4 32.0



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

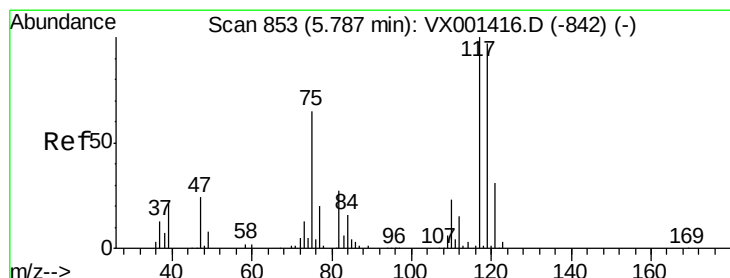
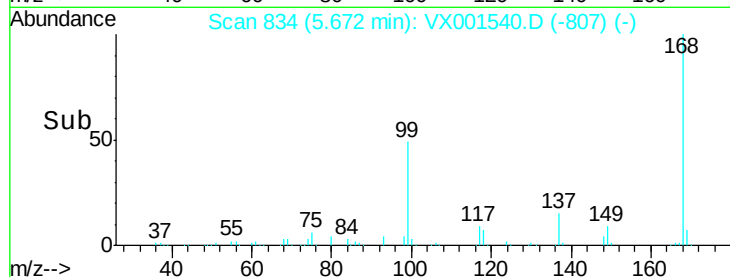
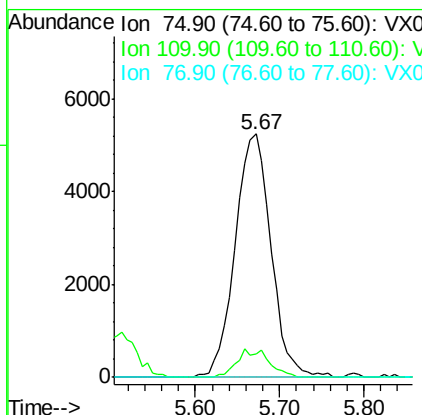
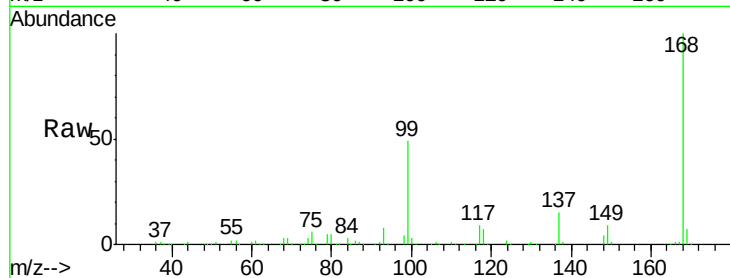




#36
 1,1-Dichloropropene
 Concen: 3.53 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001540.D
 Acq: 09 May 2018 03:48

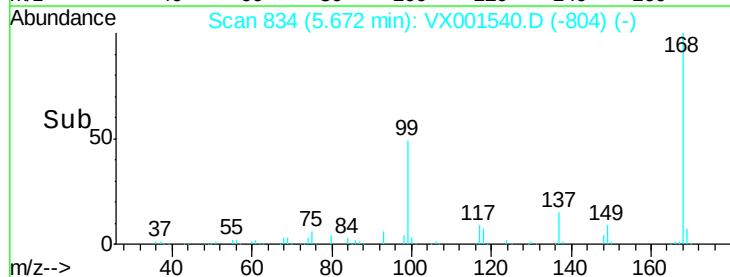
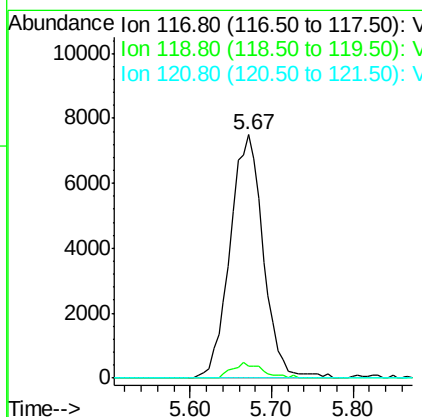
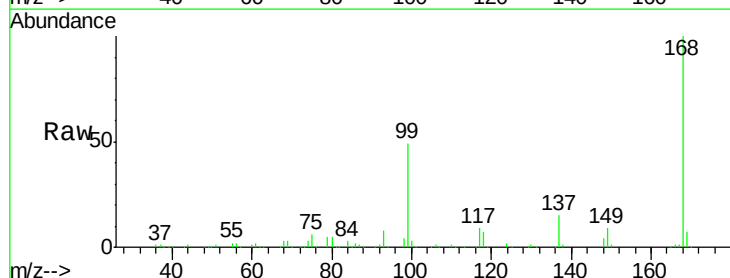
Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-050718

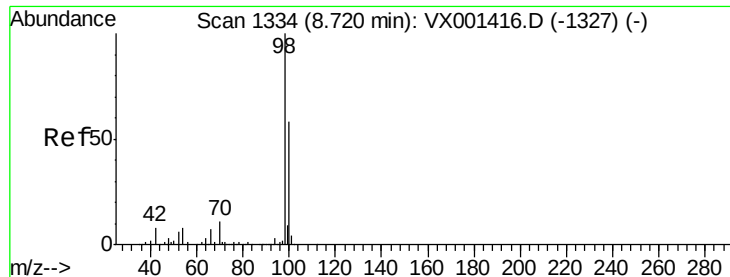
Tgt Ion: 75 Resp: 15104
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.9 56.7#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.62 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001540.D
 Acq: 09 May 2018 03:48

Tgt Ion: 117 Resp: 21056
 Ion Ratio Lower Upper
 117 100
 119 5.1 77.0 115.6#
 121 0.0 25.1 37.7#

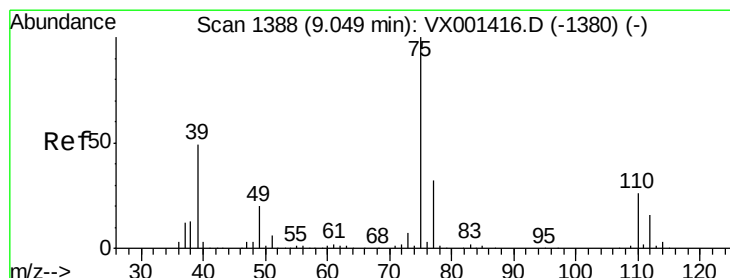
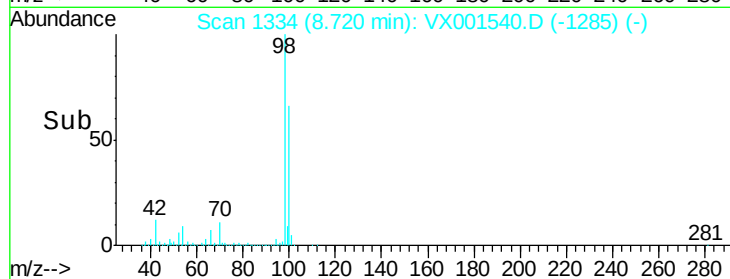
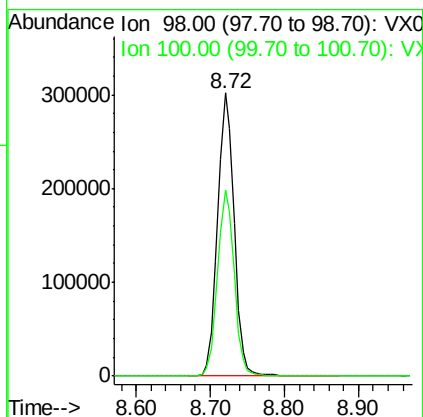
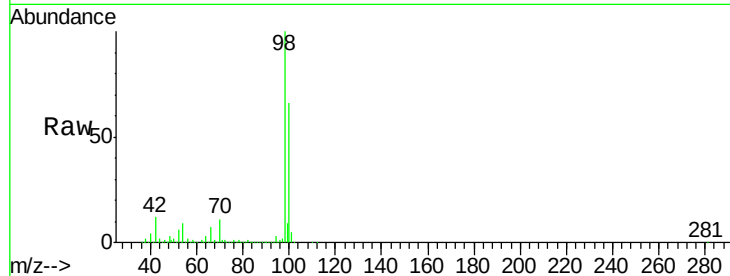




#50
Toluene-d8
Concen: 42.55 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001540.D
Acq: 09 May 2018 03:48

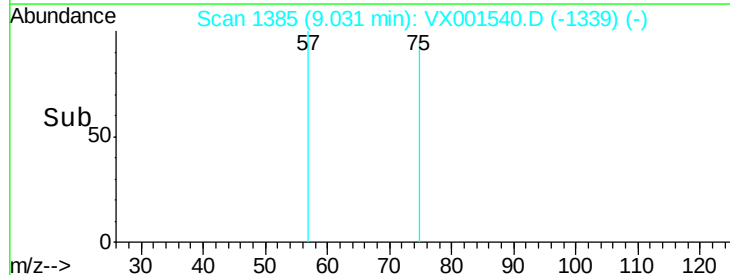
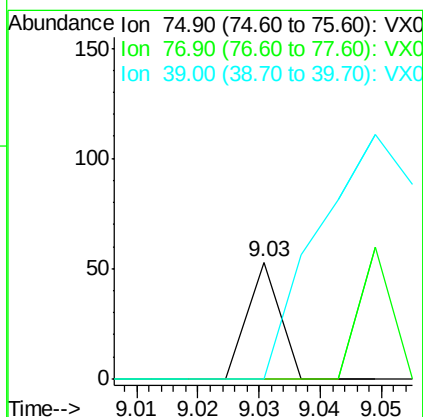
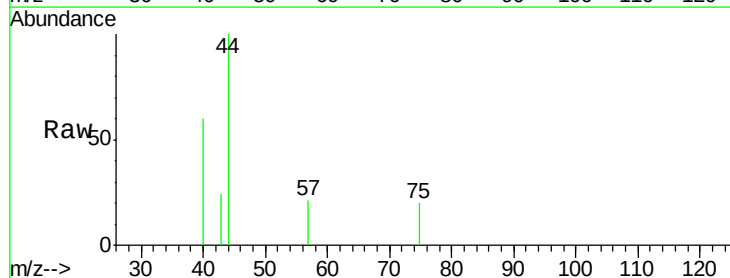
Instrument :
MSVOA_X
ClientSampleId :
OK-01-050718

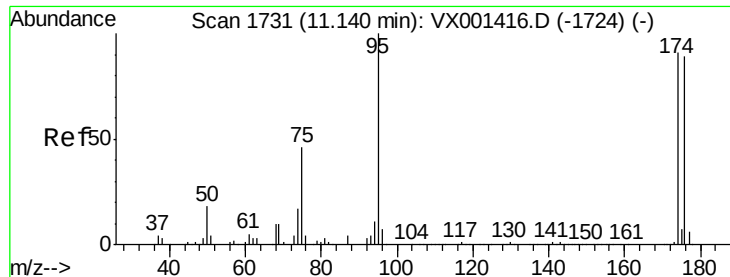
Tgt Ion: 98 Resp: 464068
Ion Ratio Lower Upper
98 100
100 66.0 54.0 81.0



#54
cis-1,3-Dichloropropene
Concen: 2.27 ug/l
RT: 9.03 min Scan# 1385
Delta R.T. -0.02 min
Lab File: VX001540.D
Acq: 09 May 2018 03:48

Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 0.0 38.9 58.3#





#62

4-Bromofluorobenzene

Concen: 36.68 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001540.D

Acq: 09 May 2018 03:48

Instrument :

MSVOA_X

ClientSampleId :

OK-01-050718

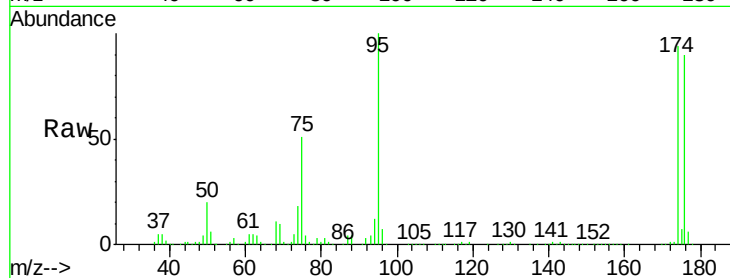
Tgt Ion: 95 Resp: 153580

Ion Ratio Lower Upper

95 100

174 101.7 0.0 202.0

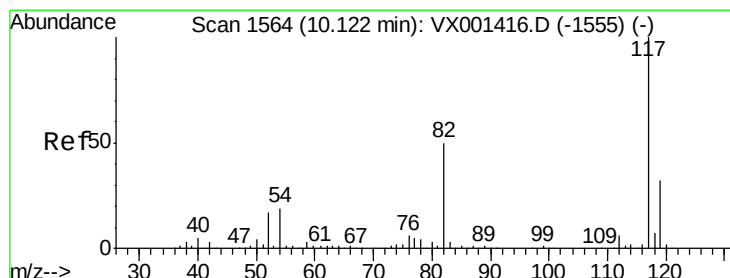
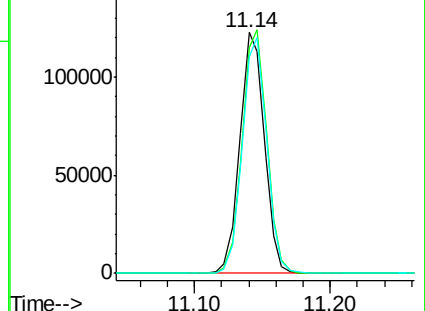
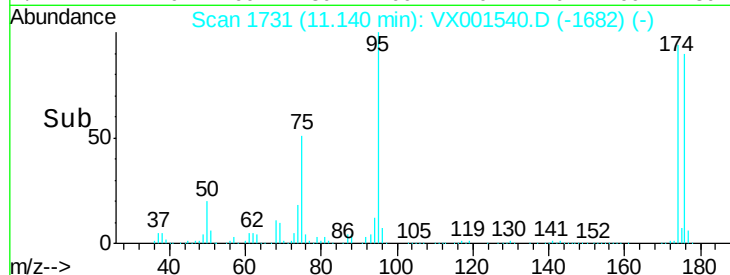
176 97.8 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX001540.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001540.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001540.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001540.D

Acq: 09 May 2018 03:48

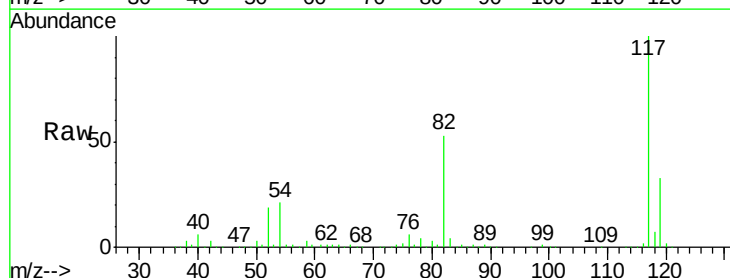
Tgt Ion: 117 Resp: 297751

Ion Ratio Lower Upper

117 100

82 53.1 40.0 60.0

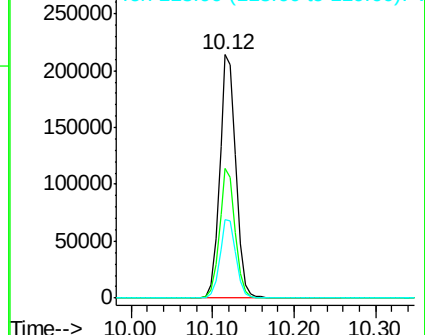
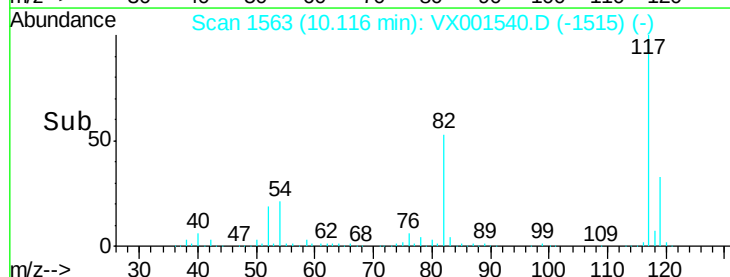
119 32.5 25.8 38.8

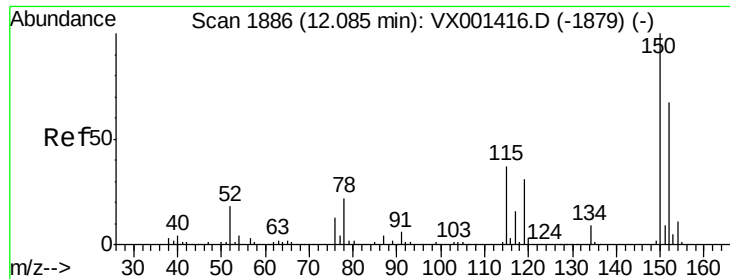


Abundance Ion 116.90 (116.60 to 117.60): VX001540.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX001540.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX001540.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001540.D

Acq: 09 May 2018 03:48

Instrument :

MSVOA_X

ClientSampleId :

OK-01-050718

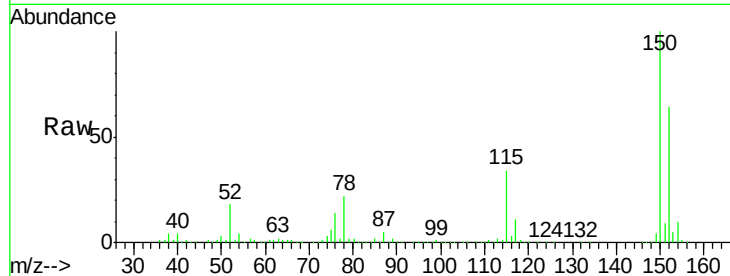
Tgt Ion:152 Resp: 164700

Ion Ratio Lower Upper

152 100

115 52.6 37.7 113.1

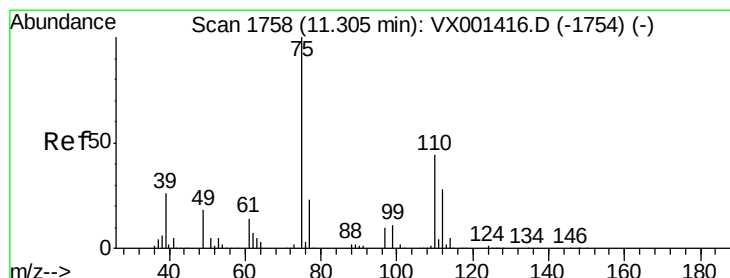
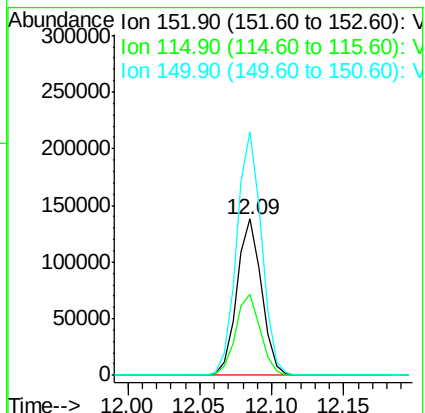
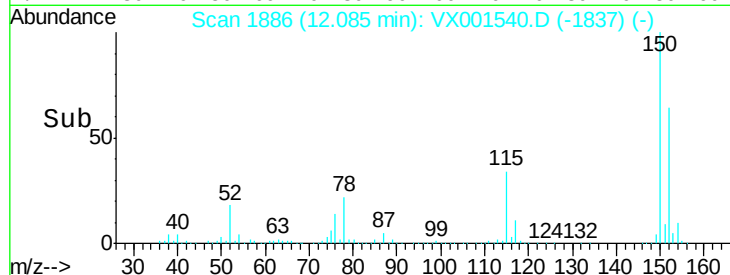
150 157.7 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 22.82 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001540.D

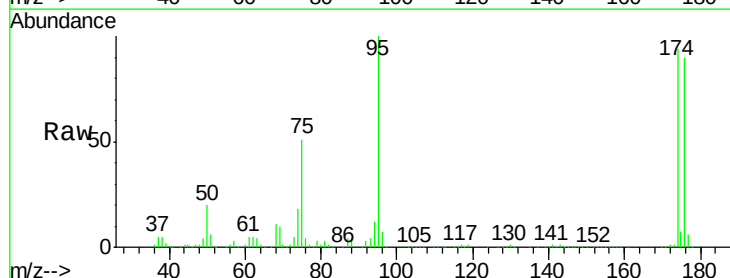
Acq: 09 May 2018 03:48

Tgt Ion: 75 Resp: 76242

Ion Ratio Lower Upper

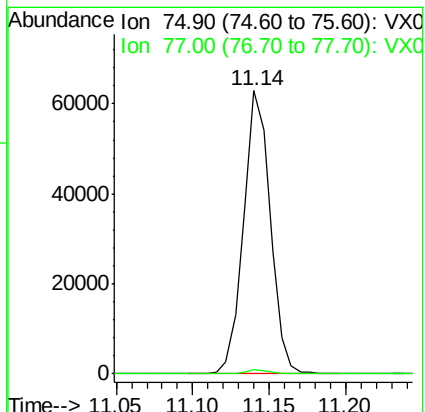
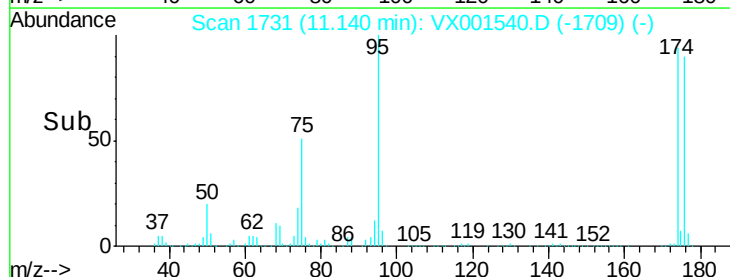
75 100

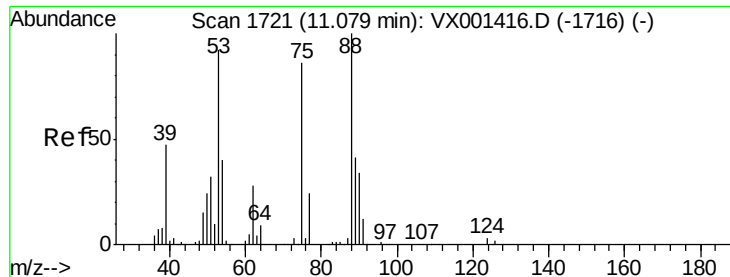
77 1.3 19.6 58.7#



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: 70.82 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001540.D

Acq: 09 May 2018 03:48

Instrument :

MSVOA_X

ClientSampleId :

OK-01-050718

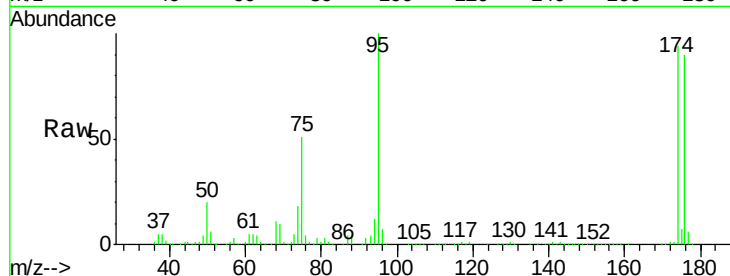
Tgt Ion: 75 Resp: 76242

Ion Ratio Lower Upper

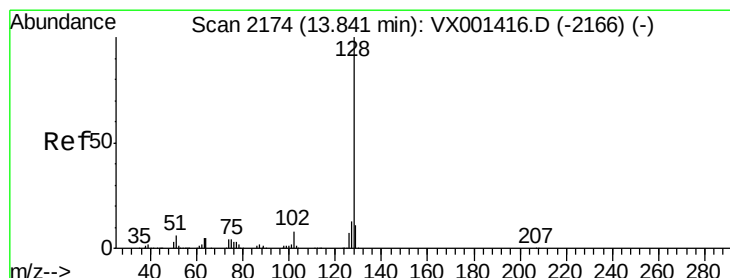
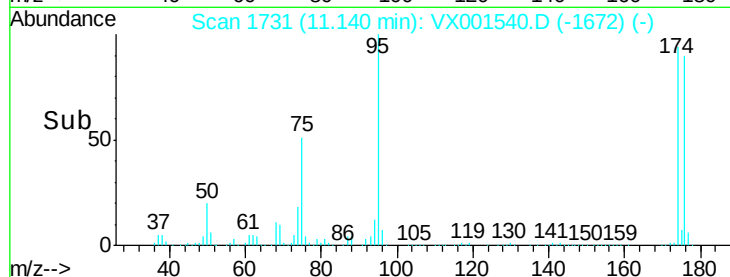
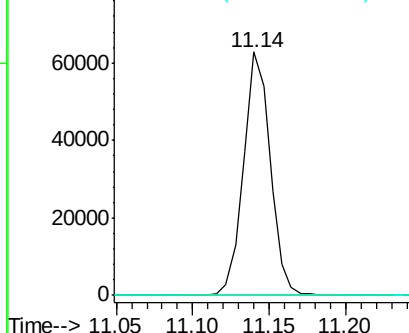
75 100

53 0.1 84.5 126.7#

89 0.0 39.5 59.3#



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: 3.18 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001540.D

Acq: 09 May 2018 03:48

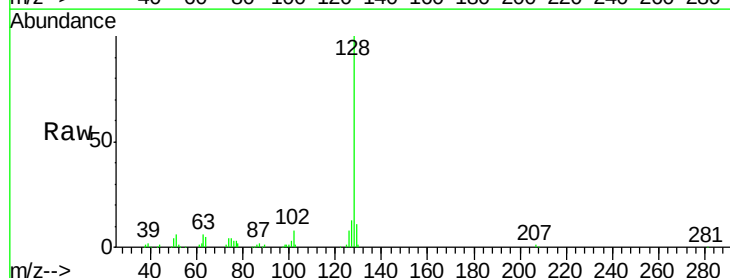
Tgt Ion: 128 Resp: 38845

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

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

