

Data File : VX001742.D
Acq On : 15 May 2018 13:47
Operator : JC/MD
Sample : J2737-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY062MW144-180503

Quant Time: May 16 04:07:16 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	345929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	152027	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	191382	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	
35) Dibromofluoromethane	5.51	113	156731	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
50) Toluene-d8	8.72	98	539354	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.14	95	168800	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	

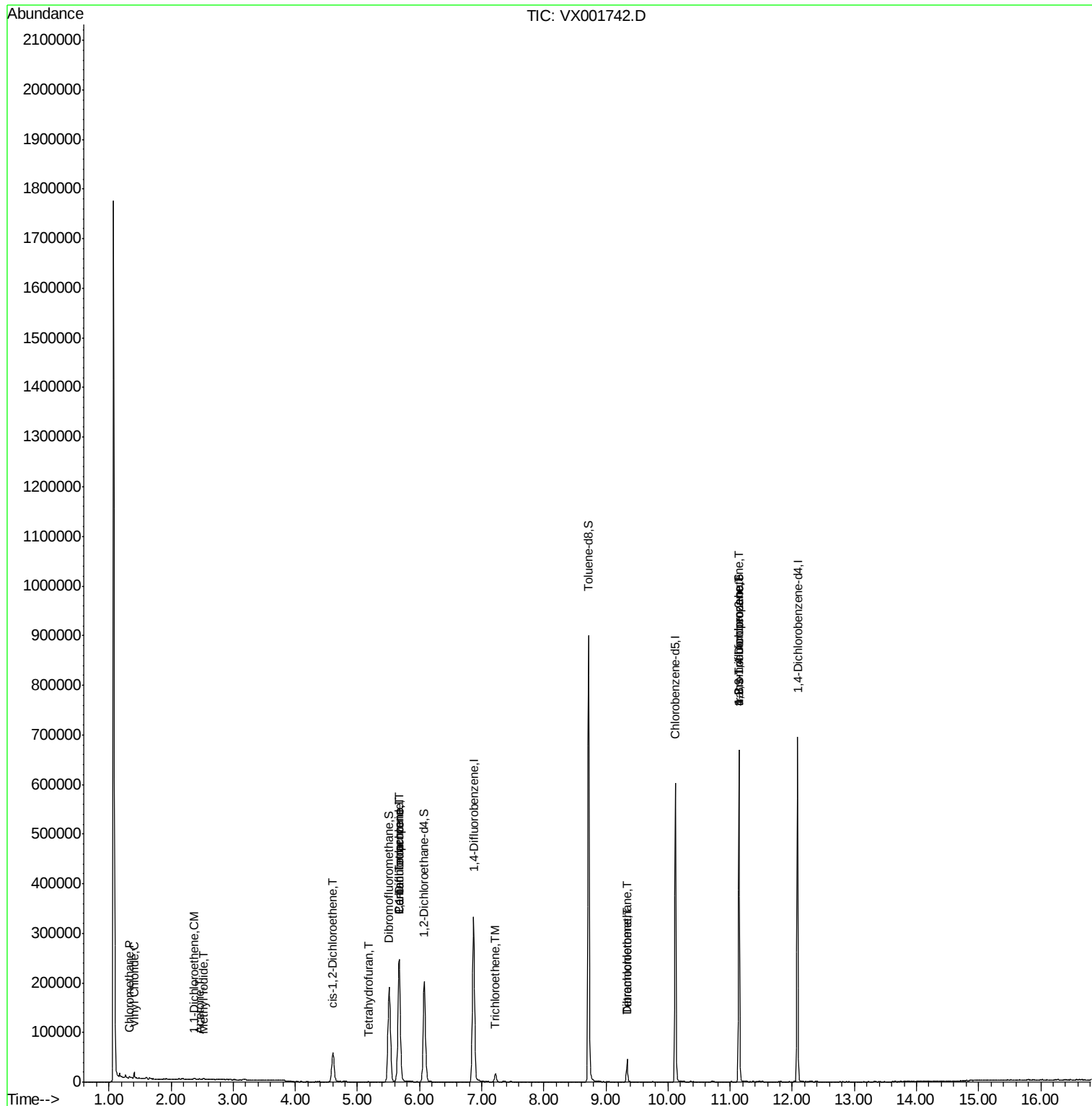
Target Compounds				Qvalue		
3) Chloromethane	1.32	50	1651	0.58	ug/l	97
4) Vinyl Chloride	1.40	62	7246	2.37	ug/l	97
5) Bromomethane	1.66	94	1749	Below	Cal	93
10) Methyl Iodide	2.52	142	2084	0.85	ug/l #	90
12) 1,1-Dichloroethene	2.38	96	737	0.29	ug/l #	71
16) Acetone	2.45	43	1769	1.29	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	38110	11.77	ug/l	95
29) Tetrahydrofuran	5.18	42	293	0.21	ug/l #	38
36) 1,1-Dichloropropene	5.67	75	16138	4.05	ug/l #	44
38) Carbon Tetrachloride	5.67	117	22358	5.36	ug/l #	15
44) Trichloroethene	7.22	130	6716	1.84	ug/l	93
60) Dibromochloromethane	9.34	129	8419	2.85	ug/l #	11
64) Tetrachloroethene	9.34	164	9819	2.58	ug/l	90
76) 1,2,3-Trichloropropane	11.14	75	79872	27.63	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	79872	80.20	ug/l #	10

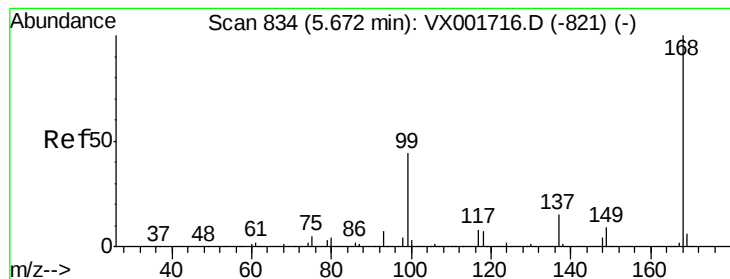
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001742.D

Acq: 15 May 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

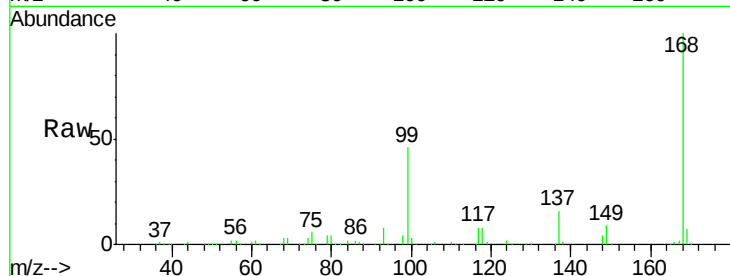
KY062MW144-180503

Tgt Ion:168 Resp: 261335

Ion Ratio Lower Upper

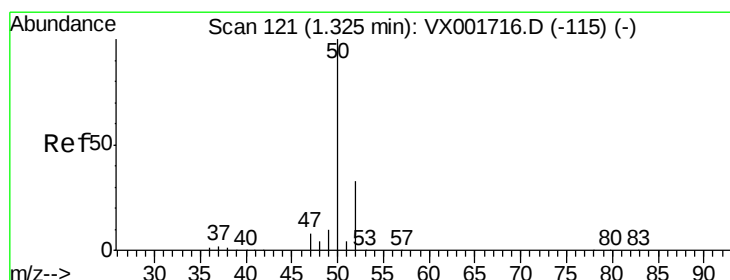
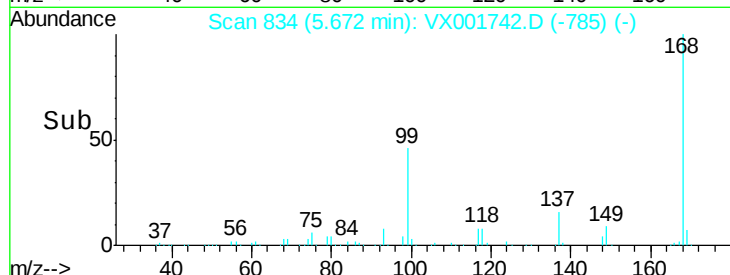
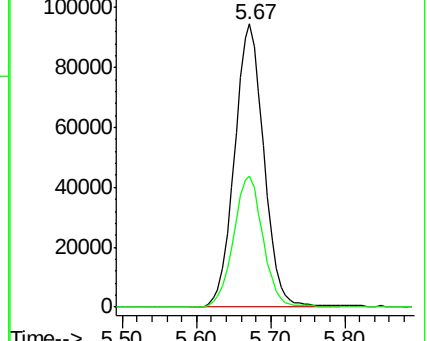
168 100

99 46.2 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.58 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001742.D

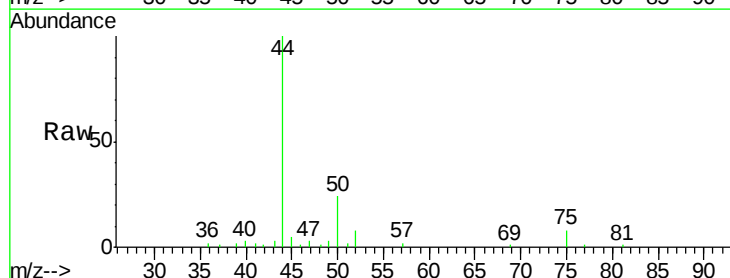
Acq: 15 May 2018 13:47

Tgt Ion: 50 Resp: 1651

Ion Ratio Lower Upper

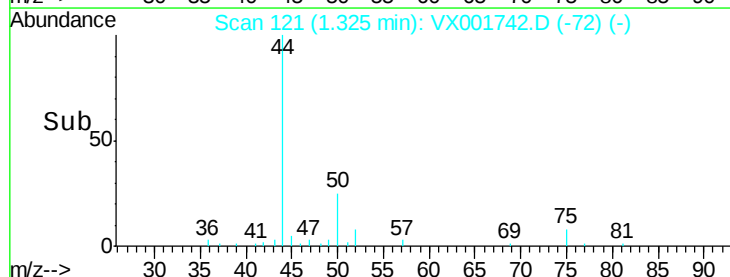
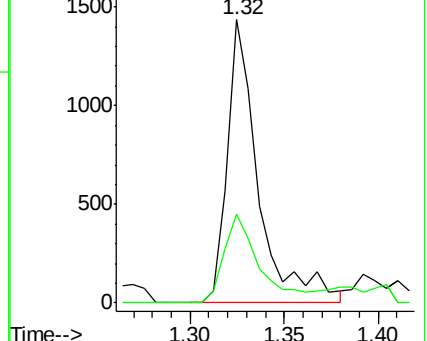
50 100

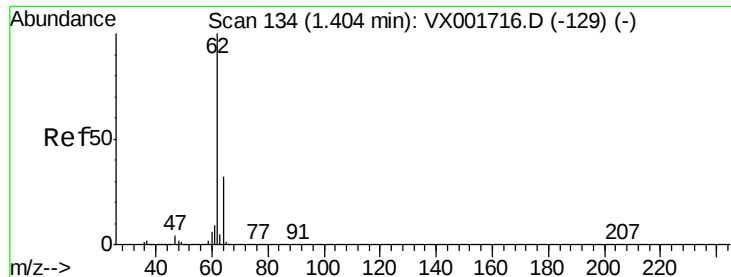
52 31.4 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 2.37 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001742.D

Acq: 15 May 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

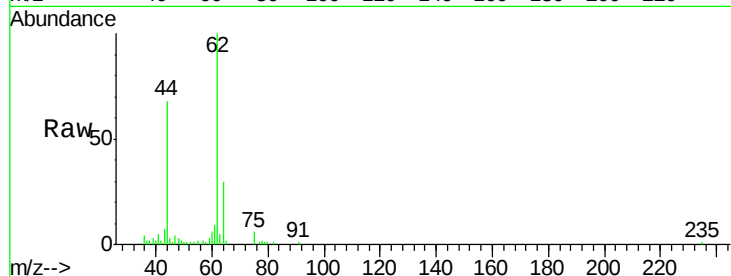
KY062MW144-180503

Tgt Ion: 62 Resp: 7246

Ion Ratio Lower Upper

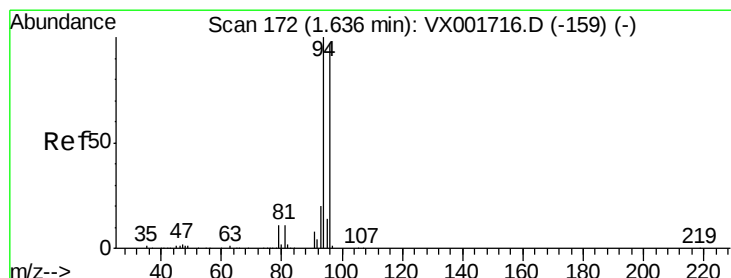
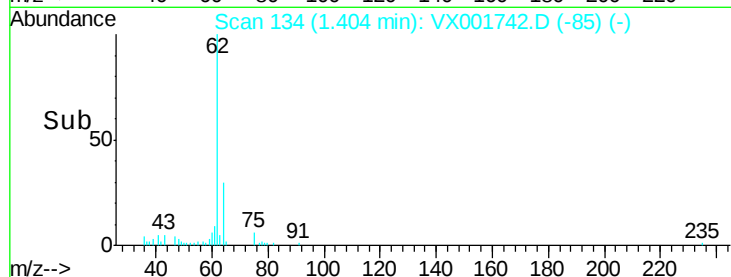
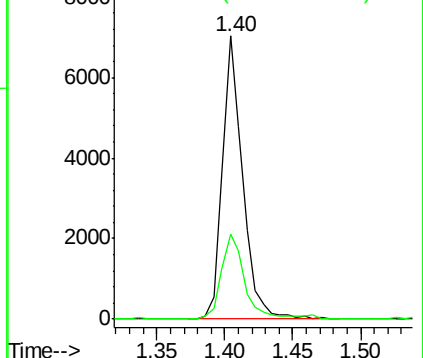
62 100

64 30.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001742.D

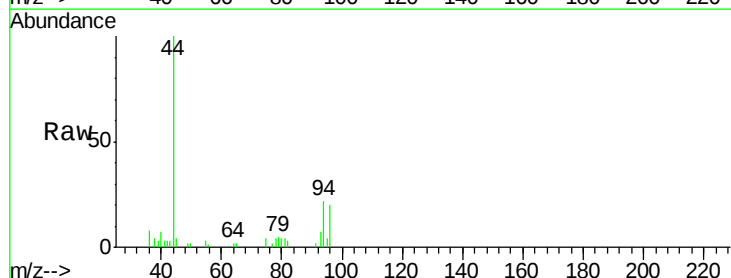
Acq: 15 May 2018 13:47

Tgt Ion: 94 Resp: 1749

Ion Ratio Lower Upper

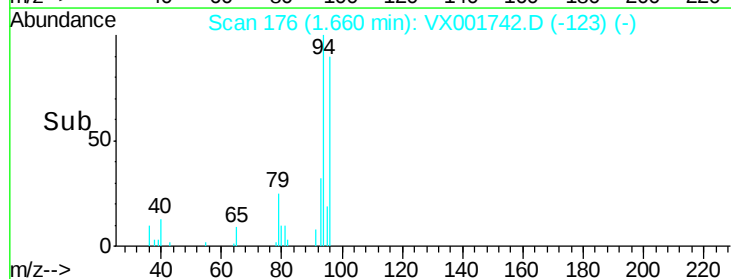
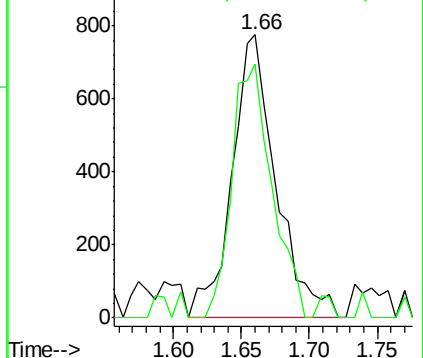
94 100

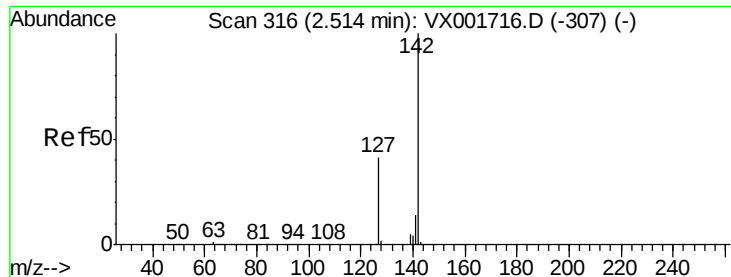
96 89.7 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

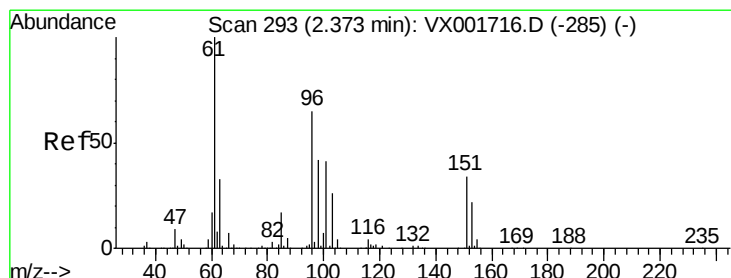
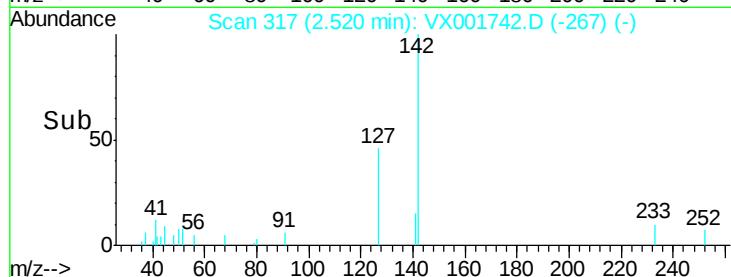
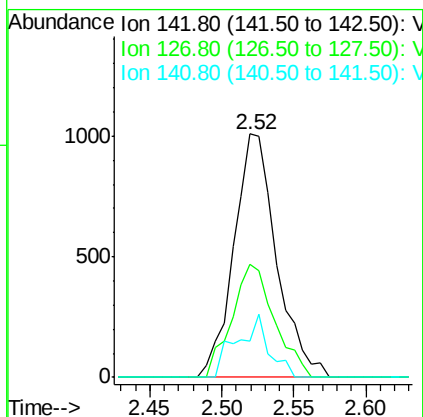
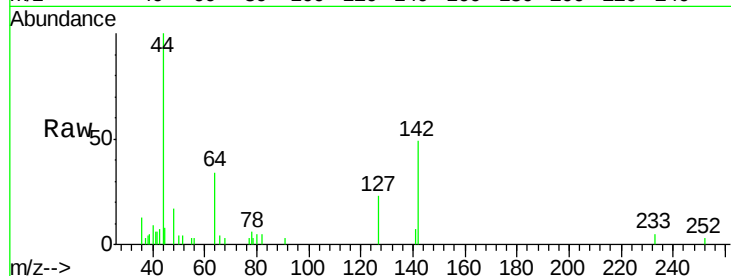




#10
Methyl Iodide
Concen: 0.85 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001742.D
Acq: 15 May 2018 13:47

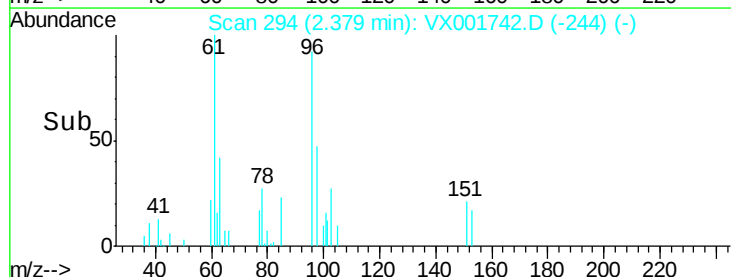
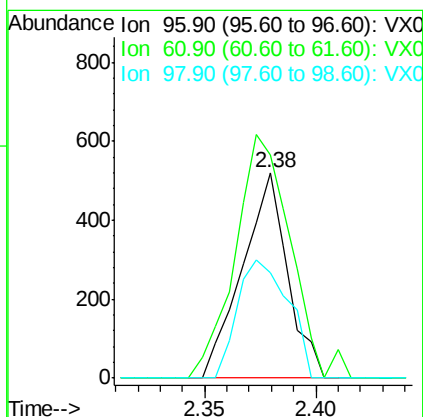
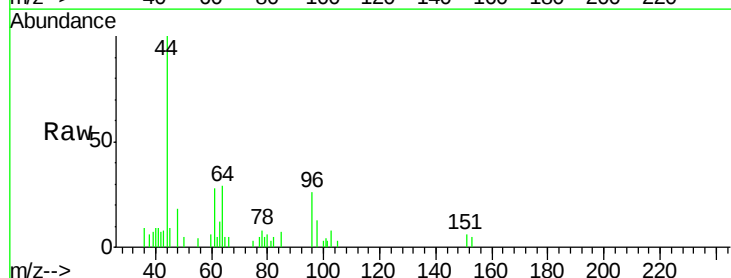
Instrument :
MSVOA_X
ClientSampleId :
KY062MW144-180503

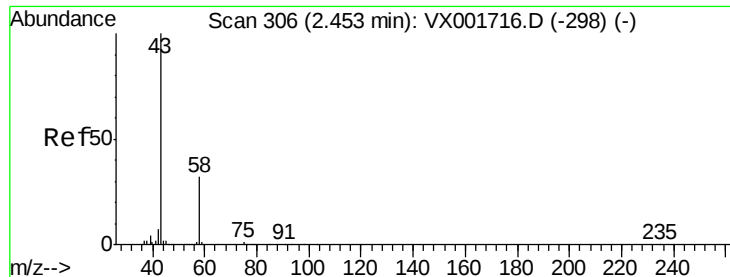
Tgt Ion: 142 Resp: 2084
Ion Ratio Lower Upper
142 100
127 46.2 32.5 48.7
141 19.2 11.4 17.0#



#12
1,1-Dichloroethene
Concen: 0.29 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001742.D
Acq: 15 May 2018 13:47

Tgt Ion: 96 Resp: 737
Ion Ratio Lower Upper
96 100
61 108.6 122.2 183.2#
98 51.4 51.4 77.0





#16

Acetone

Concen: 1.29 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001742.D

Acq: 15 May 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

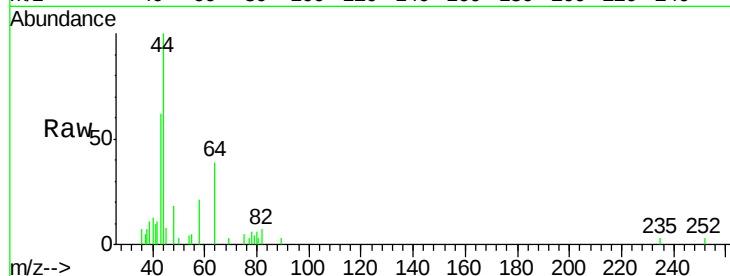
KY062MW144-180503

Tgt Ion: 43 Resp: 1769

Ion Ratio Lower Upper

43 100

58 37.2 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

1200

1000

800

600

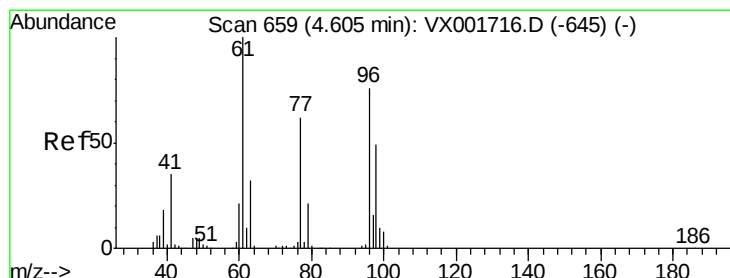
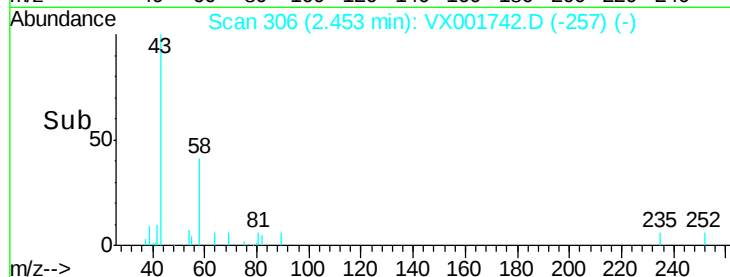
400

200

0

Time-->

2.40 2.45 2.50



#27

cis-1,2-Dichloroethene

Concen: 11.77 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001742.D

Acq: 15 May 2018 13:47

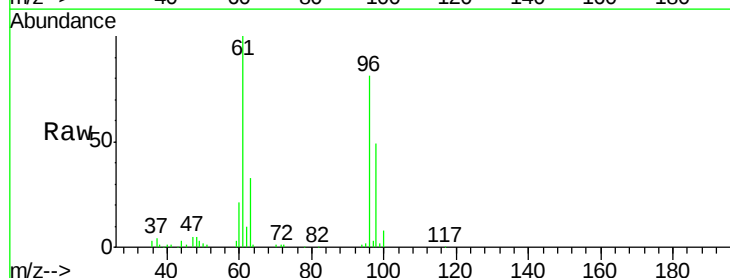
Tgt Ion: 96 Resp: 38110

Ion Ratio Lower Upper

96 100

61 131.9 0.0 280.4

98 64.8 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

20000

15000

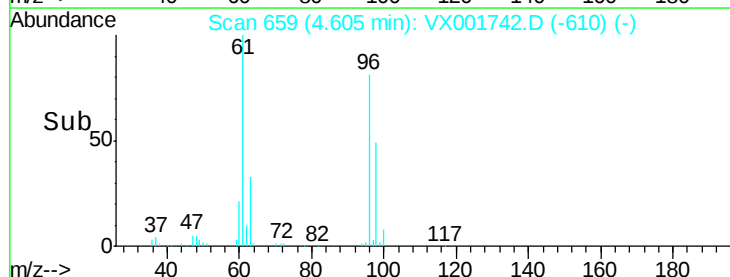
10000

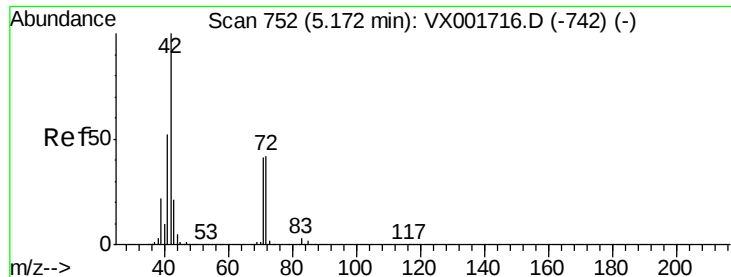
5000

0

Time-->

4.50 4.60 4.70

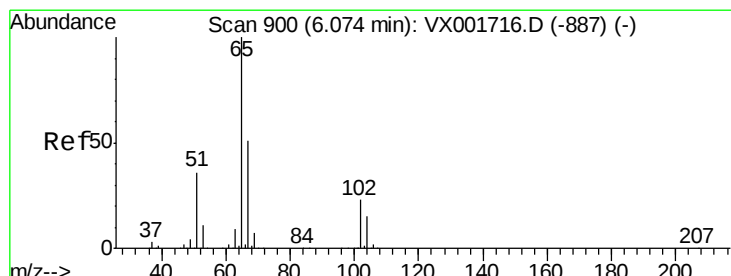
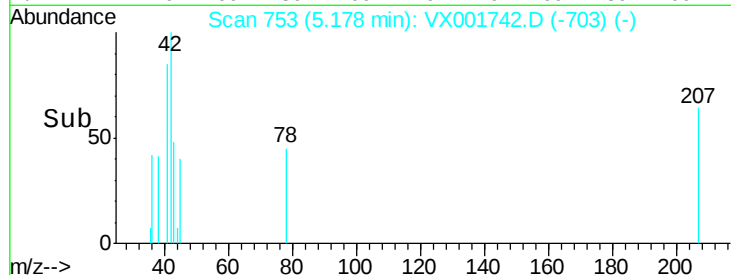
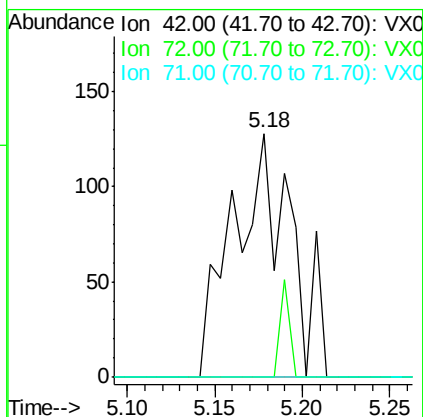
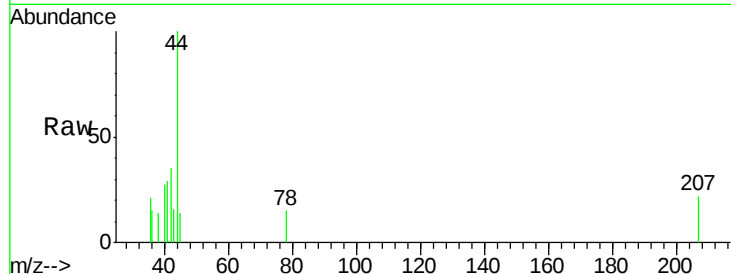




#29
Tetrahydrofuran
Concen: 0.21 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001742.D
Acq: 15 May 2018 13:47

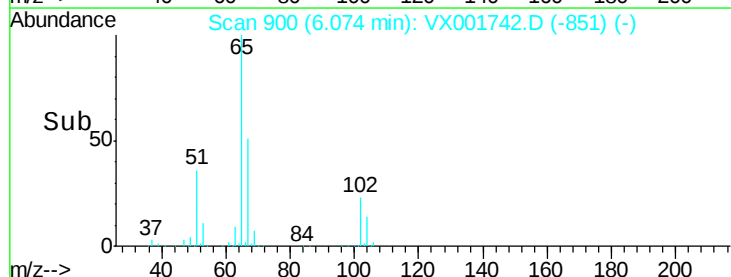
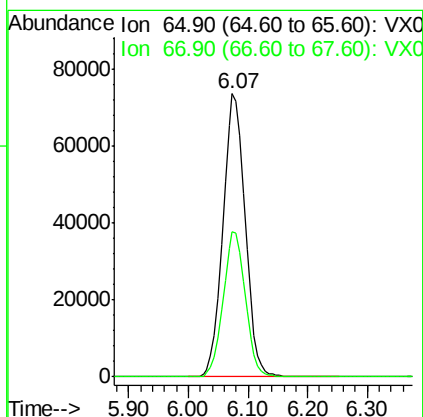
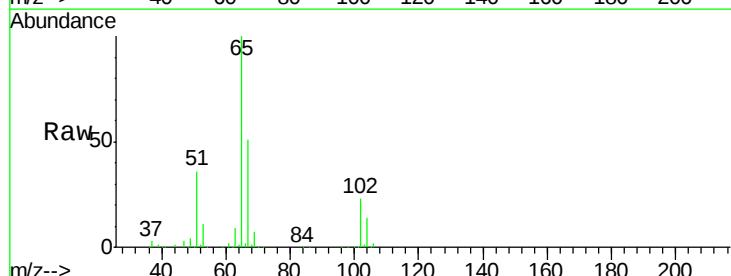
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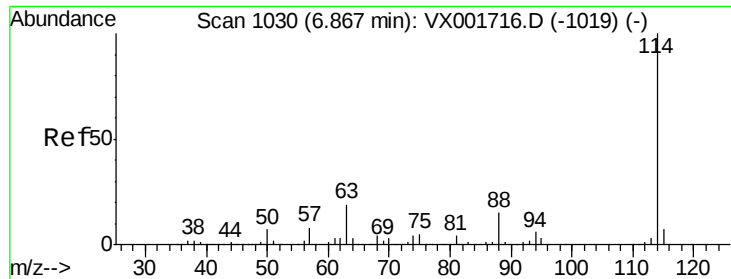
Tgt Ion: 42 Resp: 293
Ion Ratio Lower Upper
42 100
72 6.5 35.4 53.2#
71 0.0 33.2 49.8#



#33
1,2-Dichloroethane-d4
Concen: 54.64 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001742.D
Acq: 15 May 2018 13:47

Tgt Ion: 65 Resp: 191382
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.8

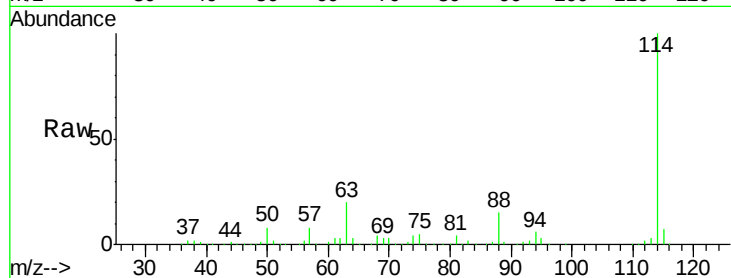




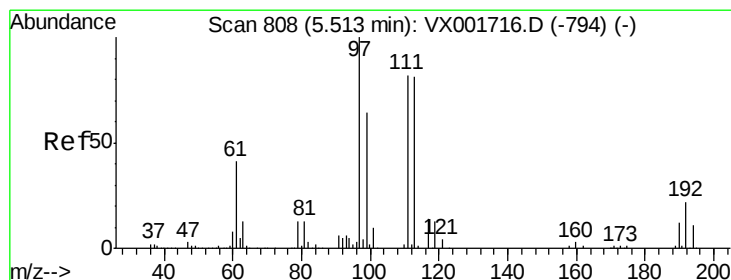
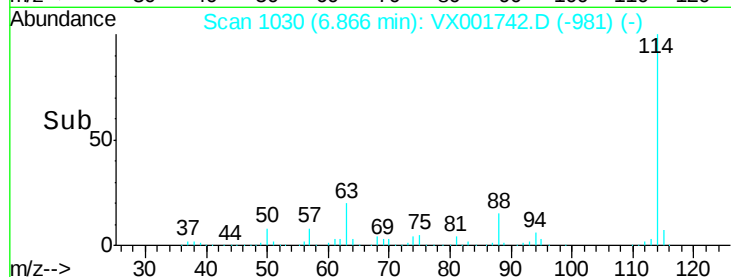
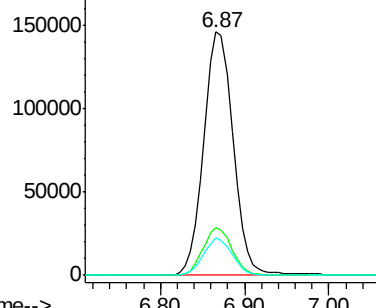
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001742.D
 Acq: 15 May 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW144-180503

Tgt Ion:114 Resp: 345929
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.0
 88 15.2 0.0 29.8

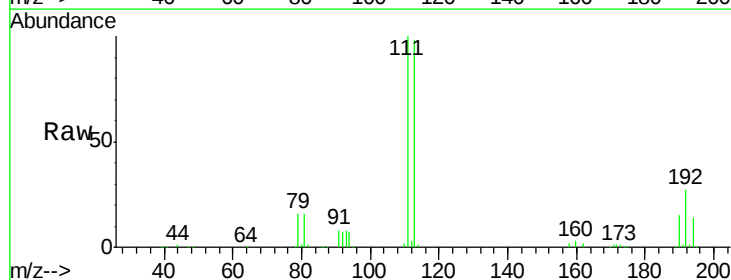


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

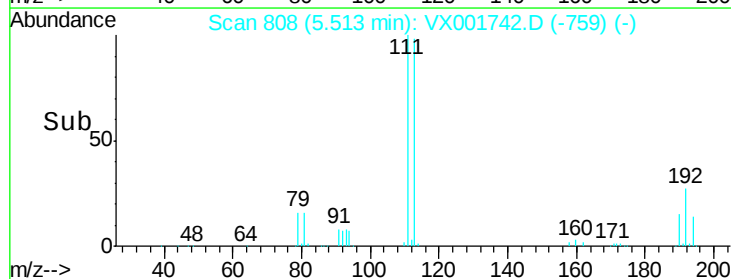
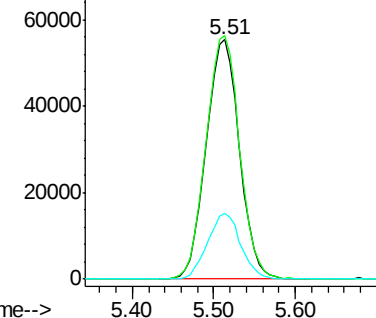


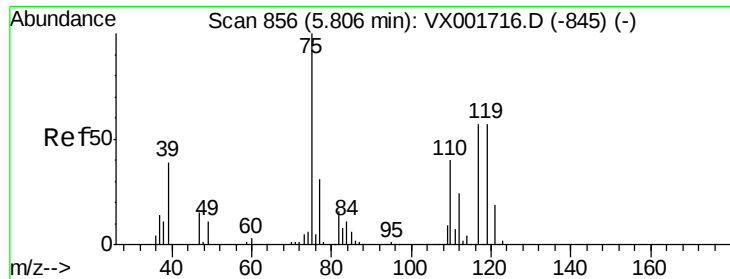
#35
 Dibromofluoromethane
 Concen: 53.69 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001742.D
 Acq: 15 May 2018 13:47

Tgt Ion:113 Resp: 156731
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.0 123.0
 192 27.3 21.6 32.4



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

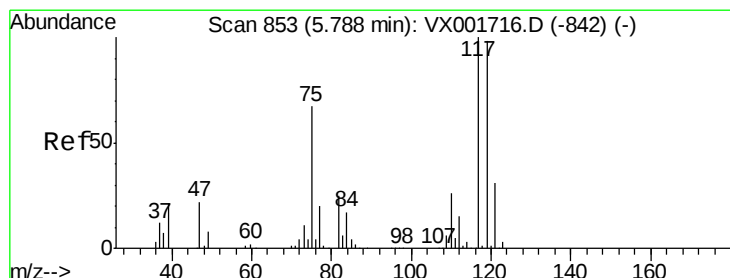
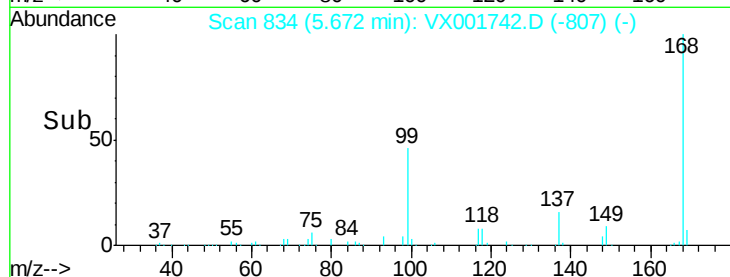
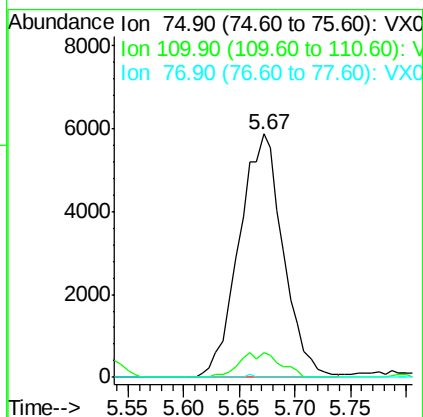
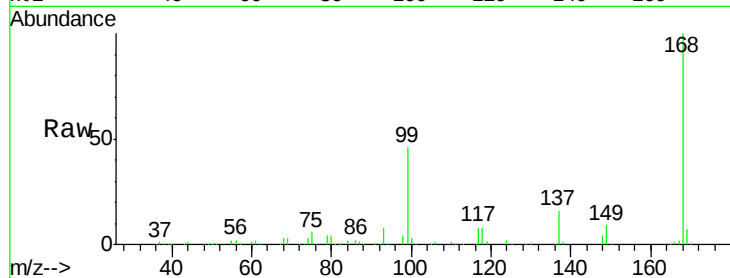




#36
 1,1-Dichloropropene
 Concen: 4.05 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001742.D
 Acq: 15 May 2018 13:47

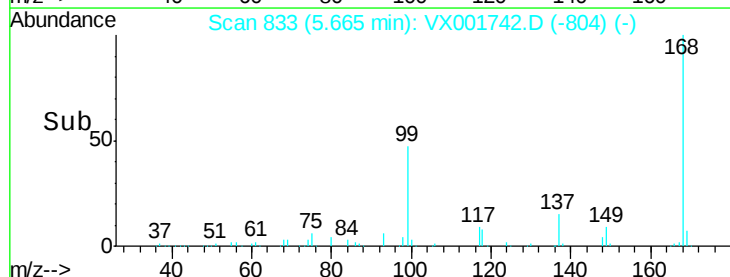
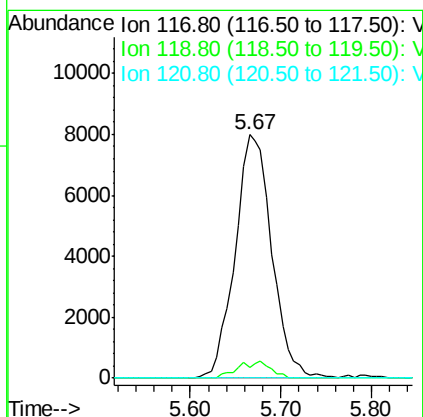
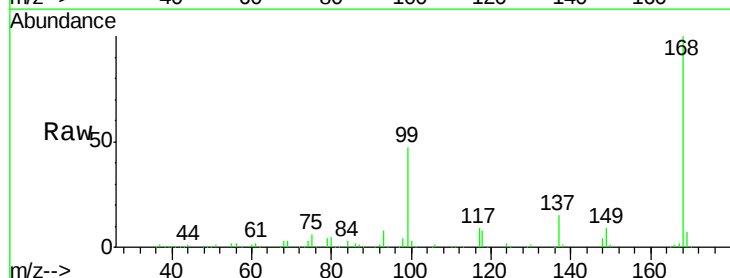
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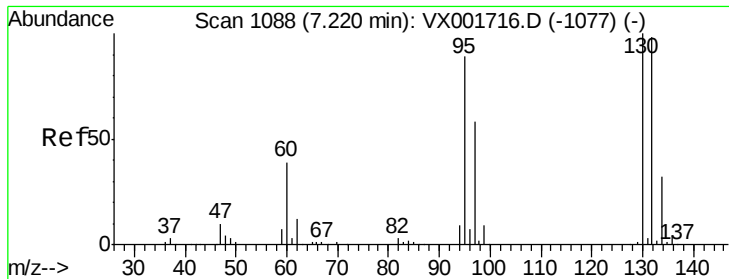
Tgt Ion	Ratio	Lower	Upper
75	100		
110	4.7	19.1	57.1#
77	0.1	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 5.36 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX001742.D
 Acq: 15 May 2018 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.6	116.4#
121	0.0	24.6	36.8#





#44

Trichloroethene

Concen: 1.84 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001742.D

Acq: 15 May 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

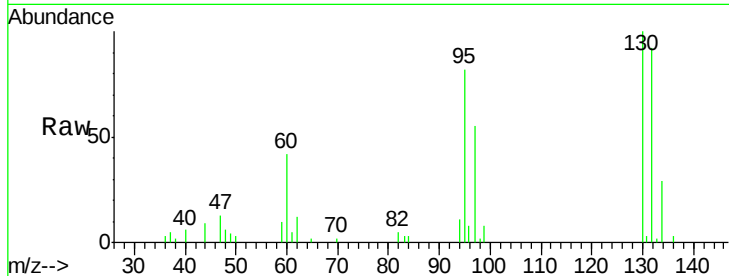
KY062MW144-180503

Tgt Ion:130 Resp: 6716

Ion Ratio Lower Upper

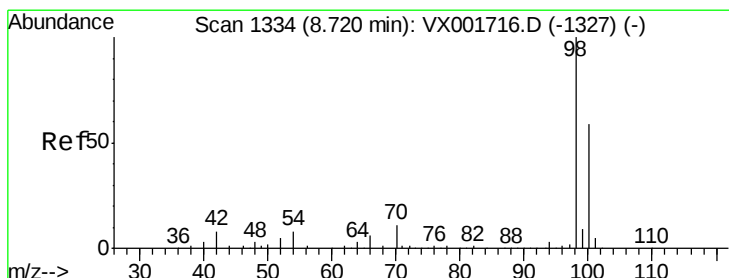
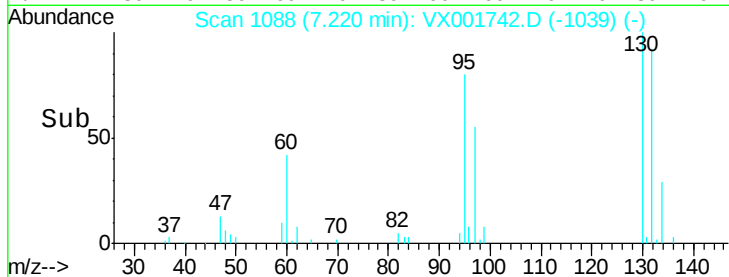
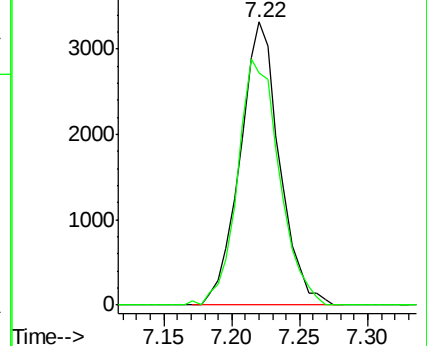
130 100

95 81.9 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.59 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001742.D

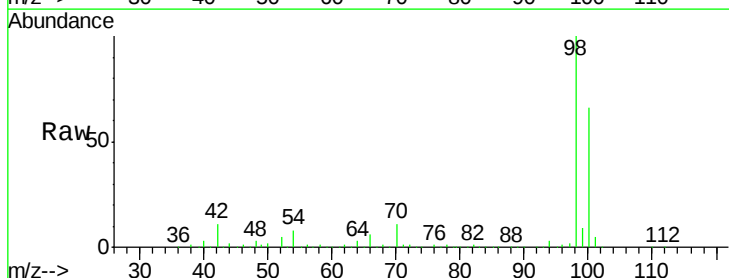
Acq: 15 May 2018 13:47

Tgt Ion: 98 Resp: 539354

Ion Ratio Lower Upper

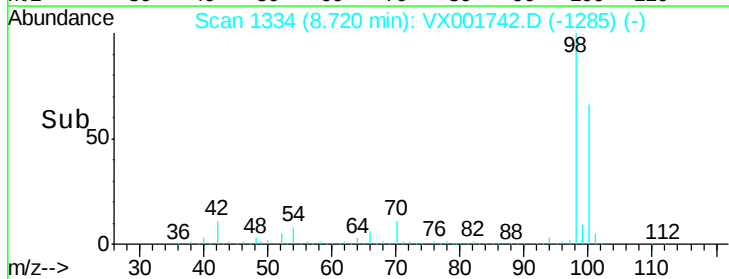
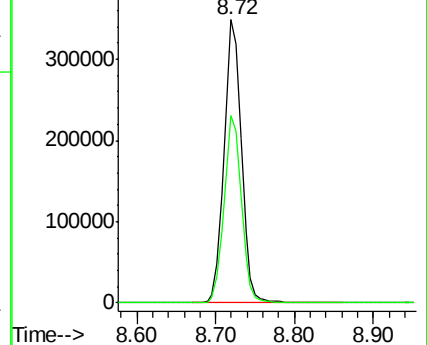
98 100

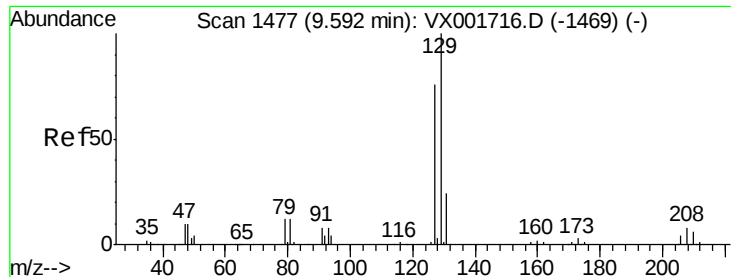
100 65.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#60

Dibromochloromethane

Concen: 2.85 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001742.D

Acq: 15 May 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

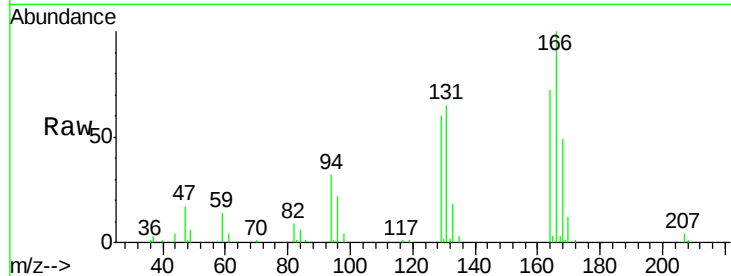
KY062MW144-180503

Tgt Ion:129 Resp: 8419

Ion Ratio Lower Upper

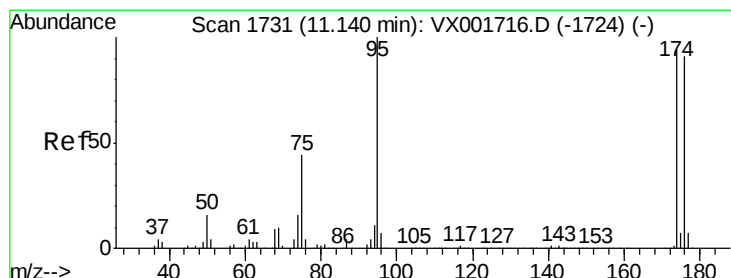
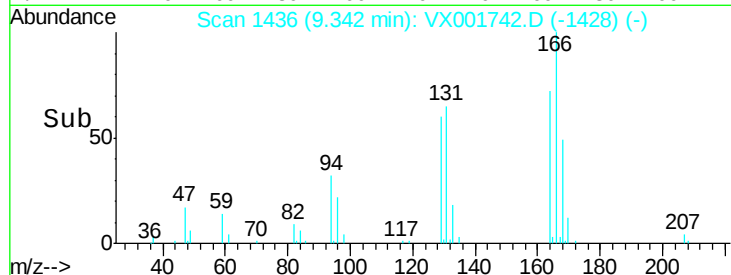
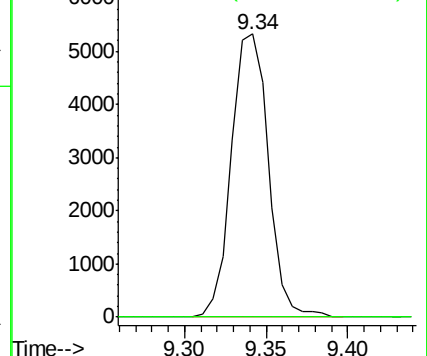
129 100

127 0.0 38.7 116.1#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 44.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001742.D

Acq: 15 May 2018 13:47

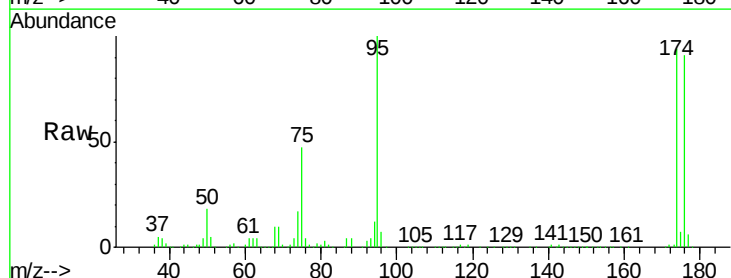
Tgt Ion: 95 Resp: 168800

Ion Ratio Lower Upper

95 100

174 103.8 0.0 201.8

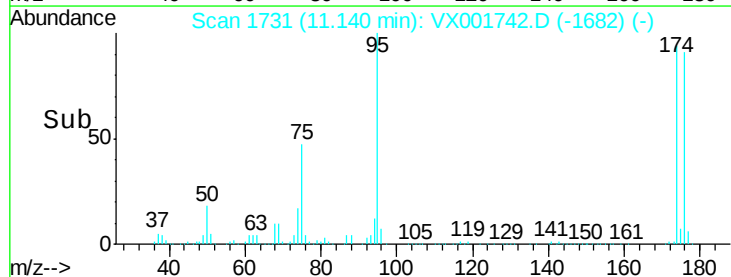
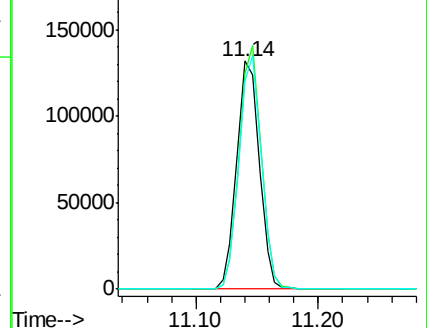
176 100.3 0.0 196.8

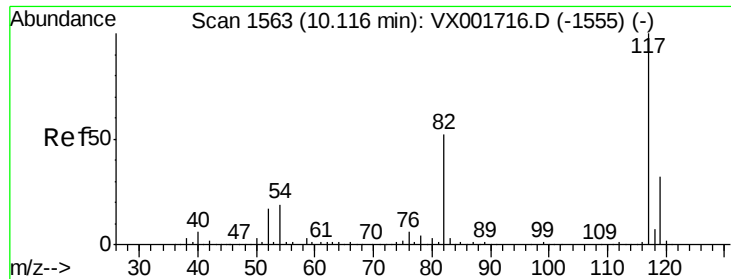


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

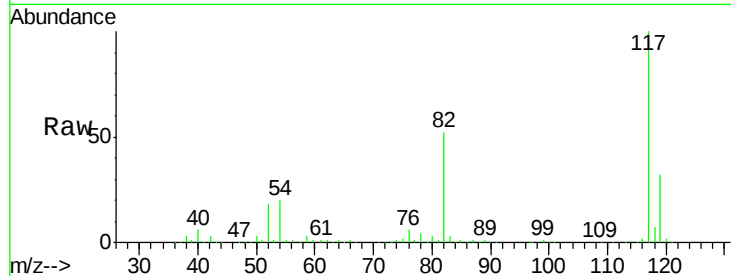




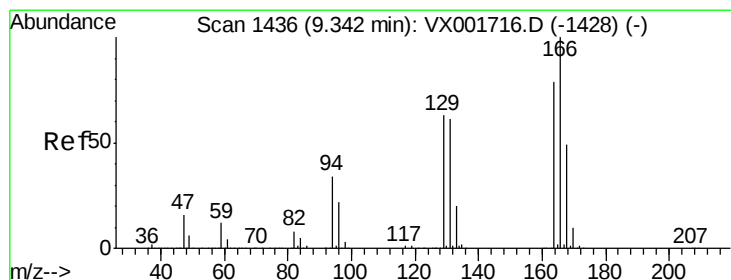
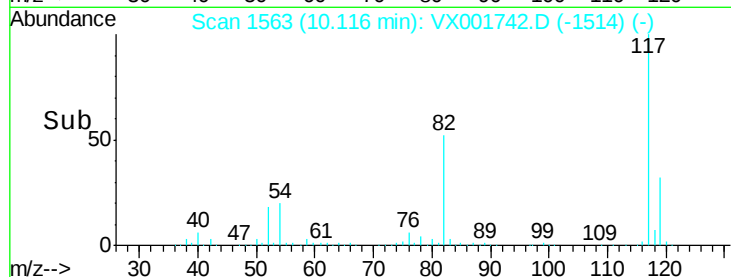
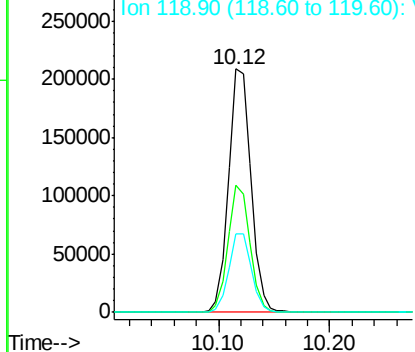
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001742.D
Acq: 15 May 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
KY062MW144-180503

Tgt Ion:117 Resp: 291823
Ion Ratio Lower Upper
117 100
82 52.0 41.4 62.2
119 32.2 25.6 38.4



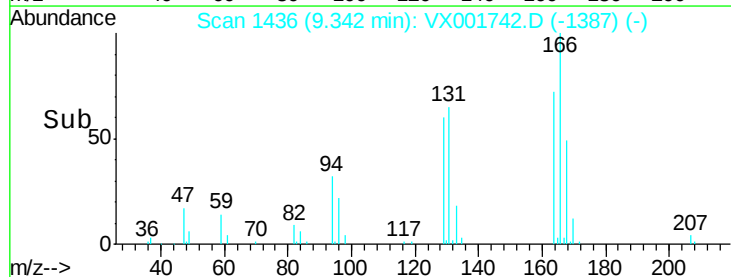
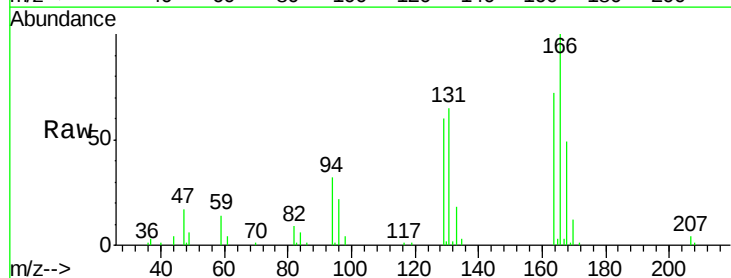
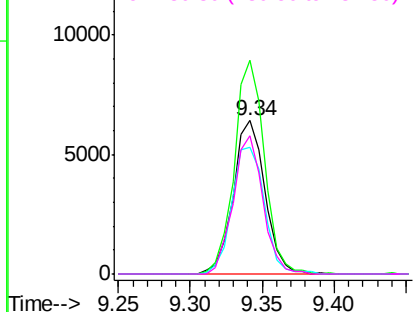
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

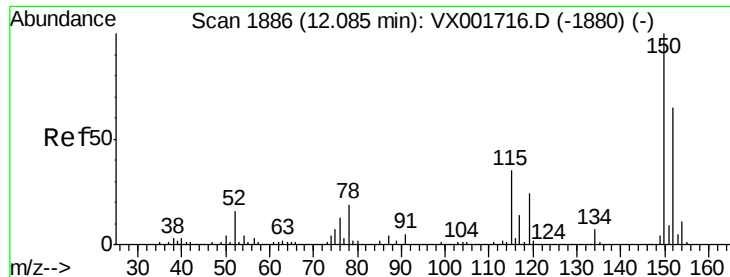


#64
Tetrachloroethene
Concen: 2.58 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001742.D
Acq: 15 May 2018 13:47

Tgt Ion:164 Resp: 9819
Ion Ratio Lower Upper
164 100
166 139.3 101.8 152.8
129 83.0 63.8 95.6
131 90.1 62.2 93.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VX001742.D

Acq: 15 May 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

KY062MW144-180503

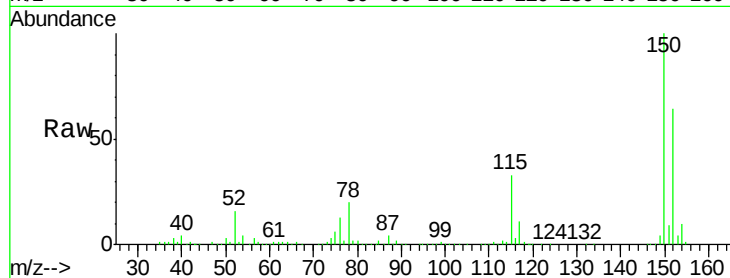
Tgt Ion:152 Resp: 152027

Ion Ratio Lower Upper

152 100

115 52.2 37.4 112.2

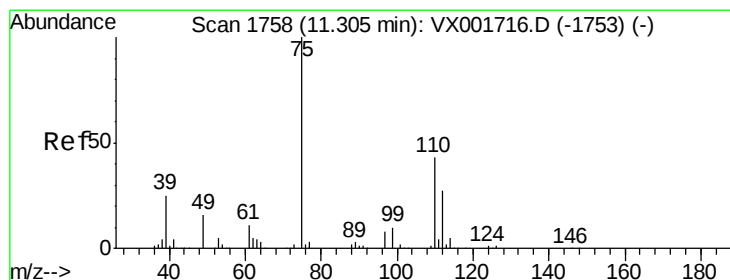
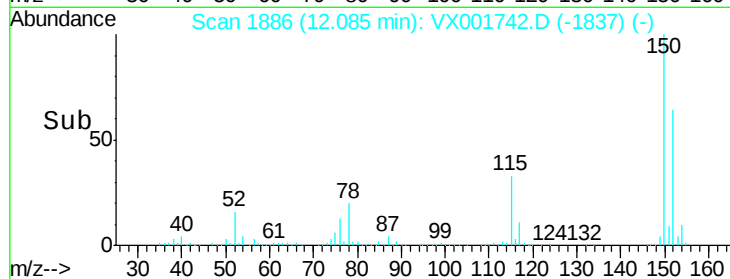
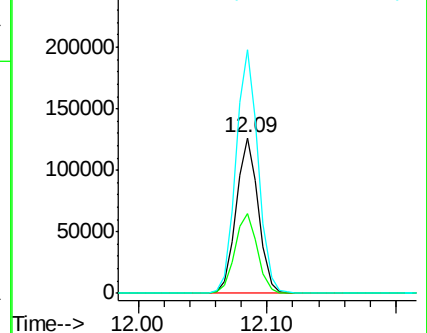
150 157.1 0.0 344.8



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: 27.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001742.D

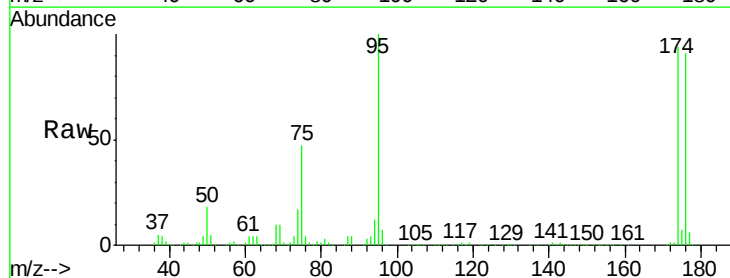
Acq: 15 May 2018 13:47

Tgt Ion: 75 Resp: 79872

Ion Ratio Lower Upper

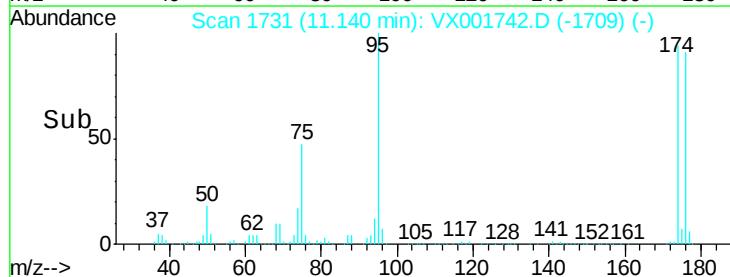
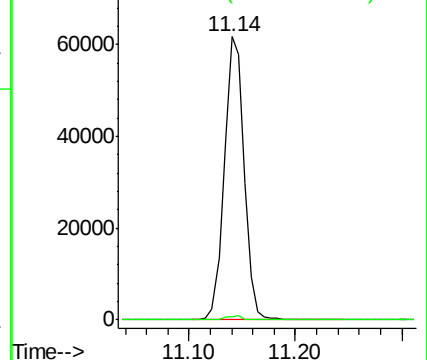
75 100

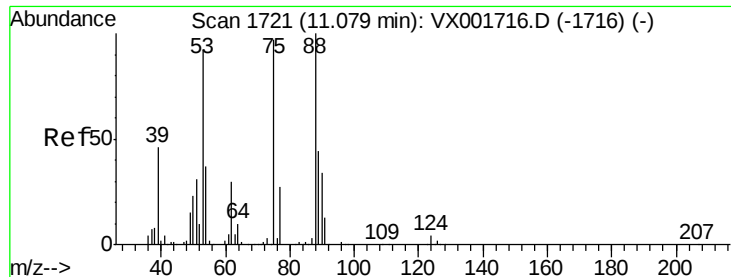
77 1.3 18.9 56.7#



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: 80.20 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001742.D

Acq: 15 May 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

KY062MW144-180503

Tgt Ion: 75 Resp: 79872

Ion Ratio Lower Upper

75 100

53 0.1 79.4 119.2#

89 0.0 38.8 58.2#

