

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
 Data File : VX001192.D
 Acq On : 28 Apr 2018 01:25
 Operator : JC/MD
 Sample : J2507-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1TB12-180419

Quant Time: Apr 28 03:17:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	197318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	271381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	249112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	145758	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	155514	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
35) Dibromofluoromethane	5.51	113	123371	54.92	ug/l	0.00
Spiked Amount			Recovery	=	109.84%	
50) Toluene-d8	8.72	98	463651	54.70	ug/l	0.00
Spiked Amount			Recovery	=	109.40%	
62) 4-Bromofluorobenzene	11.14	95	159250	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	

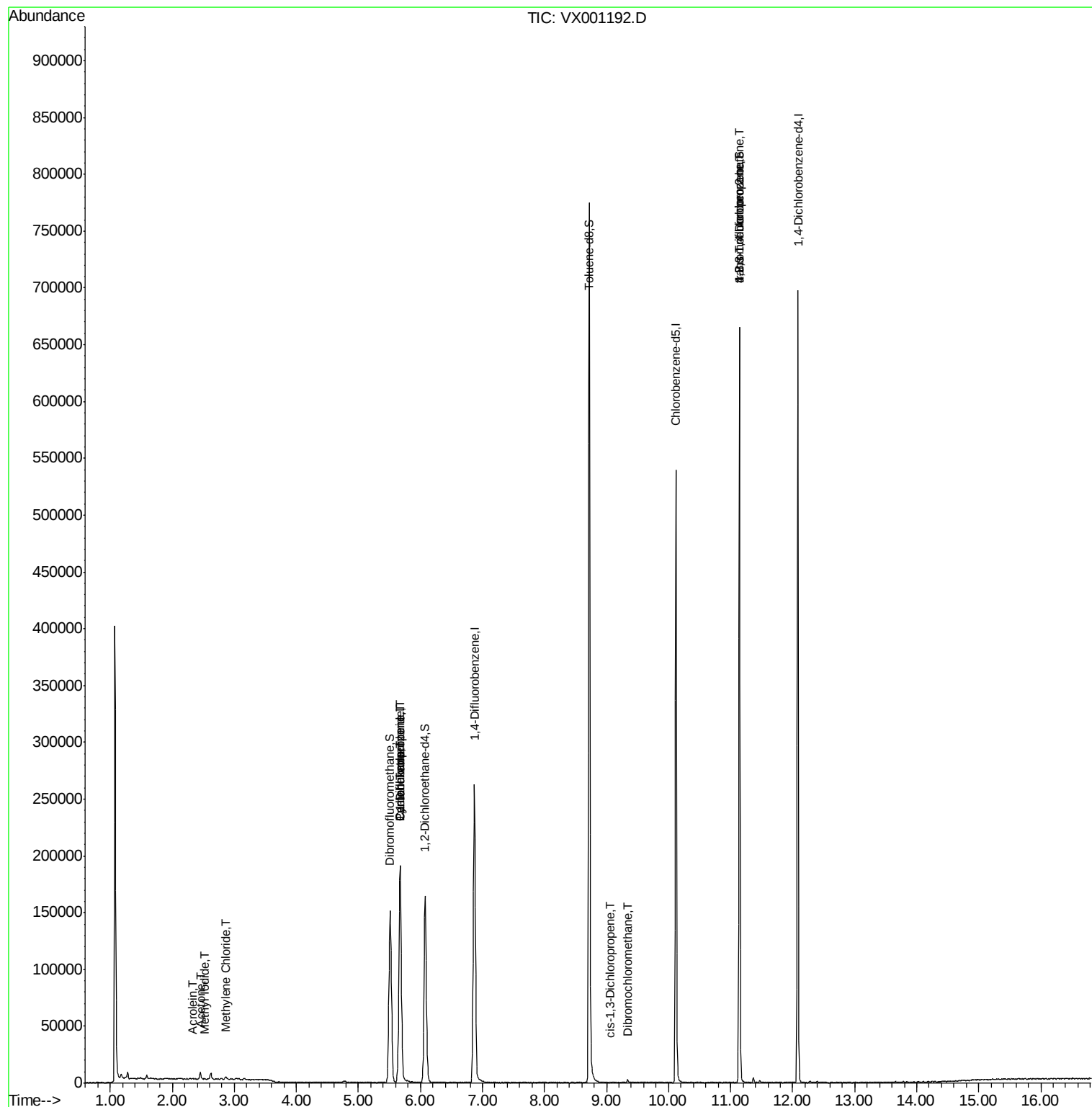
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	147	Below Cal	#	3
10) Methyl Iodide	2.53	142	332	7.372	ug/l #	61
13) Acrolein	2.32	56	53	0.232	ug/l #	1
16) Acetone	2.45	43	6408	5.095	ug/l	91
20) Methylene Chloride	2.87	84	1120	0.478	ug/l #	70
31) Cyclohexane	5.67	56	3560	1.095	ug/l #	15
36) 1,1-Dichloropropene	5.67	75	12729	4.256	ug/l #	49
38) Carbon Tetrachloride	5.67	117	17098	5.576	ug/l #	17
54) cis-1,3-Dichloropropene	9.05	75	22	3.192	ug/l #	45
60) Dibromochloromethane	9.35	129	72	3.370	ug/l #	11
76) 1,2,3-Trichloropropane	11.14	75	83545	28.148	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	83545	85.423	ug/l #	6

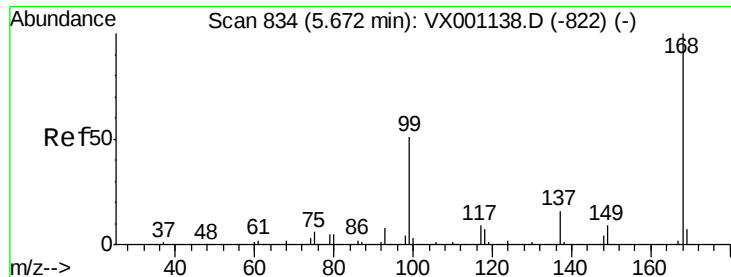
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001192.D

Acq: 28 Apr 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

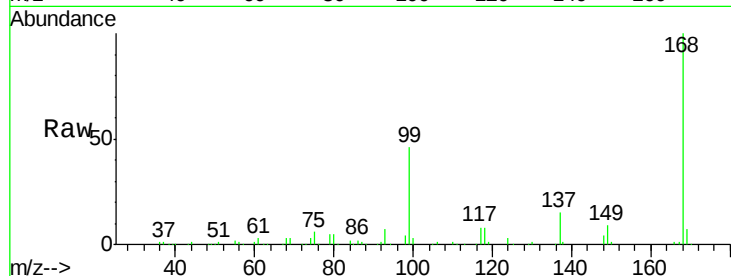
Z1TB12-180419

Tgt Ion:168 Resp: 197318

Ion Ratio Lower Upper

168 100

99 46.1 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

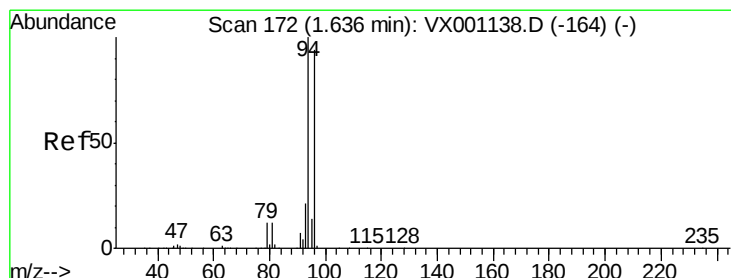
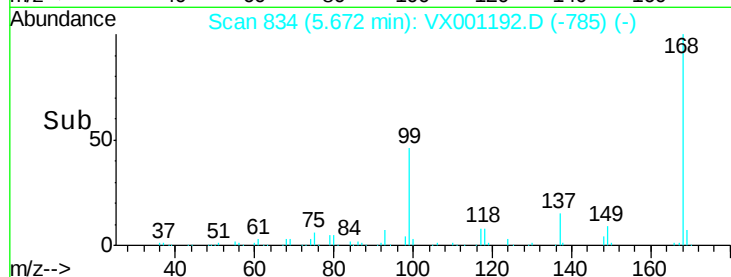
40000

20000

0

Time-->

5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 169

Delta R.T. -0.02 min

Lab File: VX001192.D

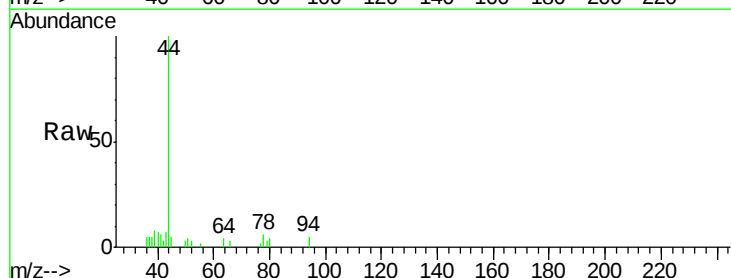
Acq: 28 Apr 2018 01:25

Tgt Ion: 94 Resp: 147

Ion Ratio Lower Upper

94 100

96 0.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

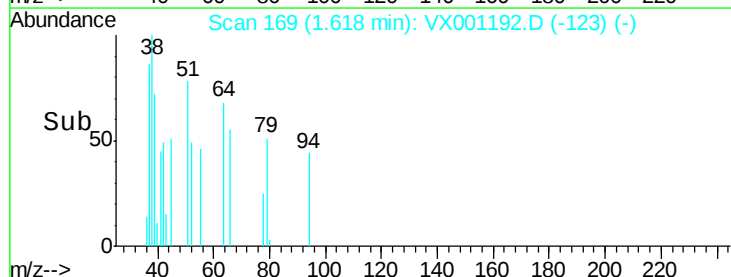
100

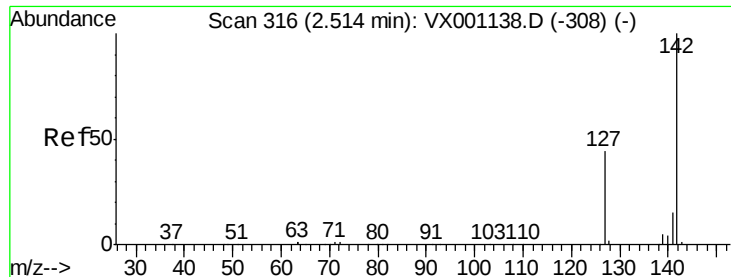
50

0

Time-->

1.60 1.62 1.64

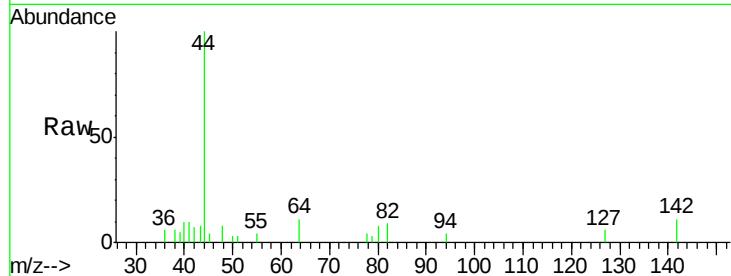




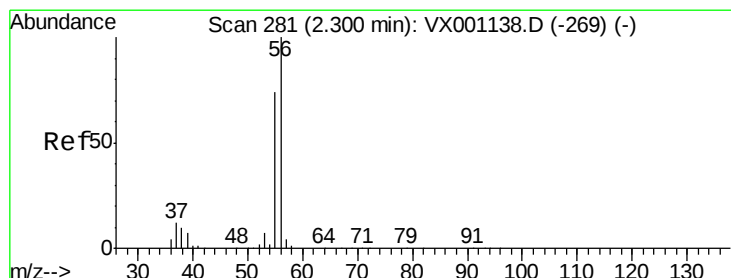
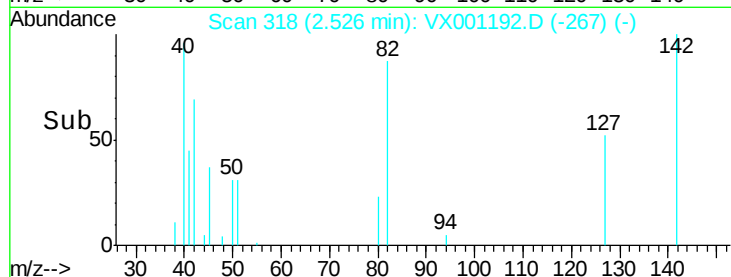
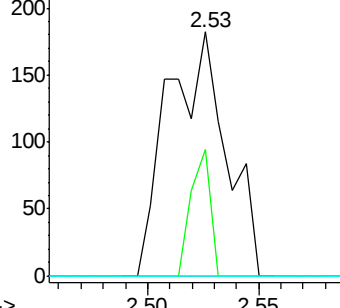
#10
Methyl Iodide
Concen: 7.372 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX001192.D
Acq: 28 Apr 2018 01:25

Instrument :
MSVOA_X
ClientSampleId :
Z1TB12-180419

Tgt Ion: 142 Resp: 332
Ion Ratio Lower Upper
142 100
127 17.5 34.7 52.1#
141 0.0 11.6 17.4#

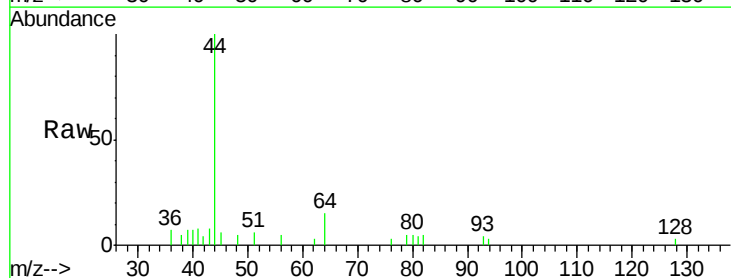


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

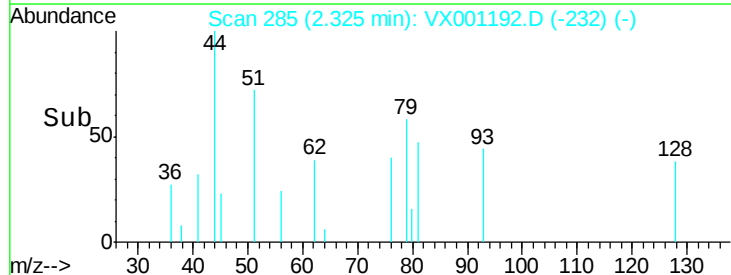
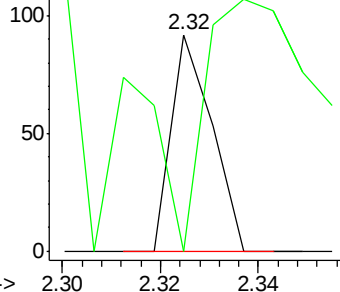


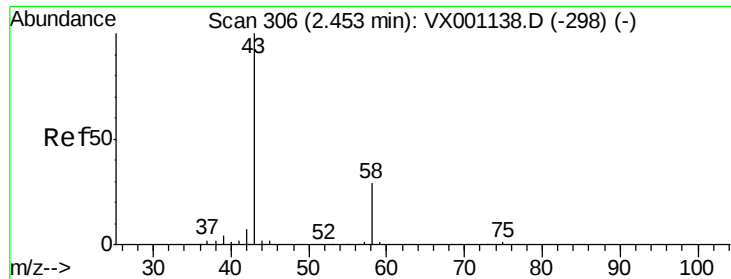
#13
Acrolein
Concen: 0.232 ug/l
RT: 2.32 min Scan# 285
Delta R.T. 0.02 min
Lab File: VX001192.D
Acq: 28 Apr 2018 01:25

Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 305.7 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 5.095 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001192.D

Acq: 28 Apr 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

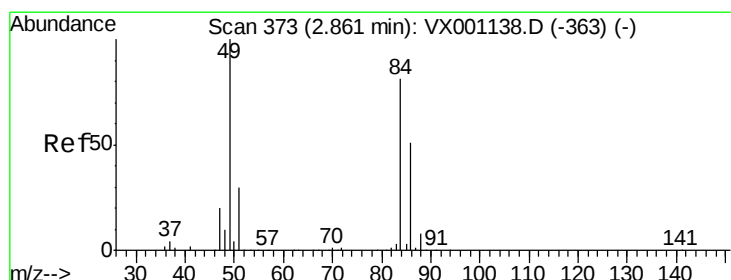
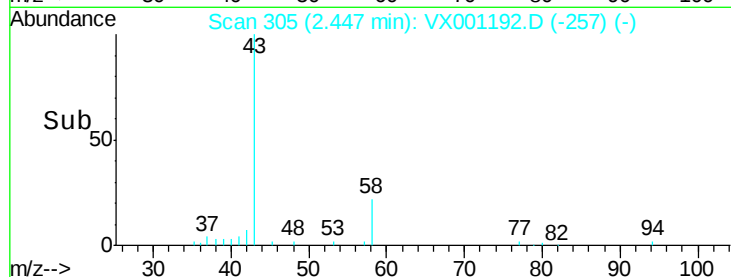
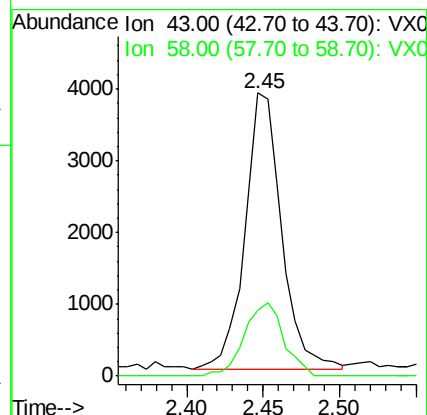
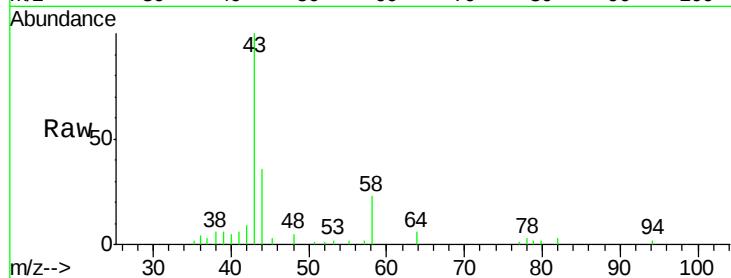
Z1TB12-180419

Tgt Ion: 43 Resp: 6408

Ion Ratio Lower Upper

43 100

58 24.0 23.0 34.6



#20

Methylene Chloride

Concen: 0.478 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX001192.D

Acq: 28 Apr 2018 01:25

Tgt Ion: 84 Resp: 1120

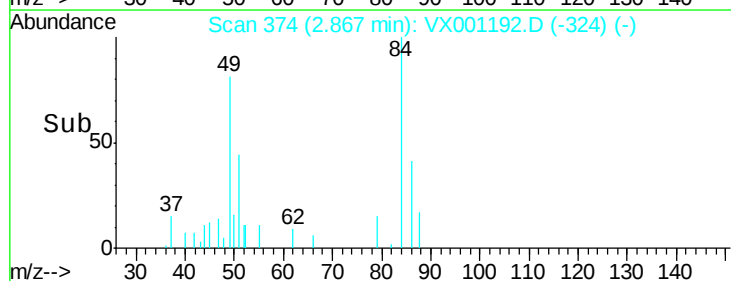
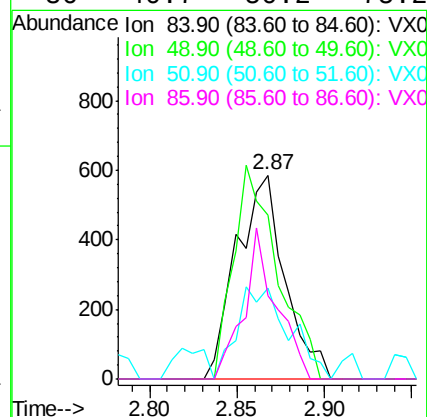
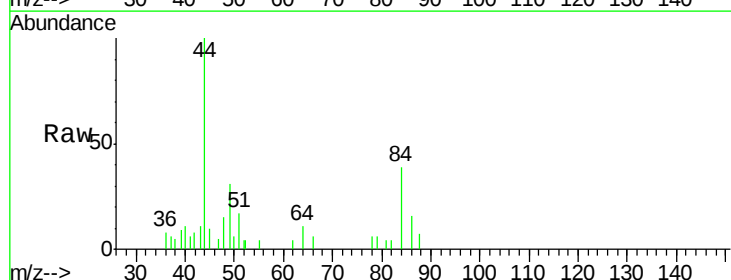
Ion Ratio Lower Upper

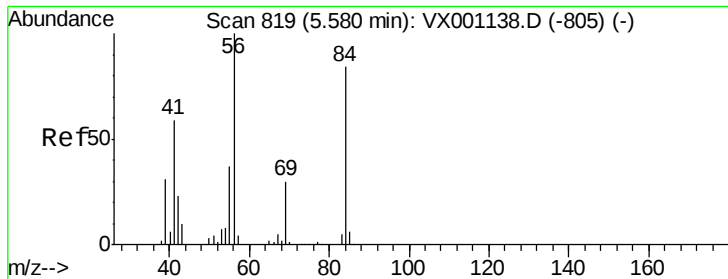
84 100

49 80.7 99.2 148.8#

51 35.6 29.5 44.3

86 40.7 50.2 75.2#





#31

Cyclohexane

Concen: 1.095 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001192.D

Acq: 28 Apr 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

Z1TB12-180419

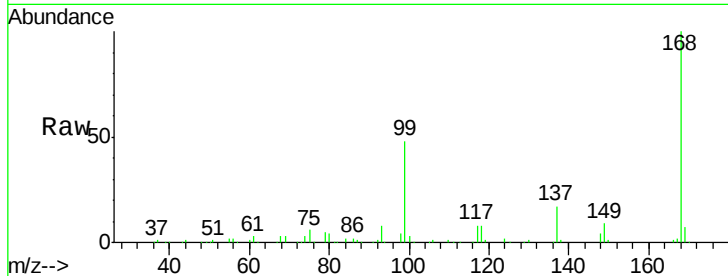
Tgt Ion: 56 Resp: 3560

Ion Ratio Lower Upper

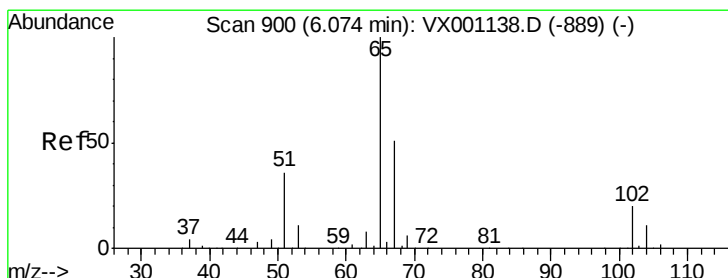
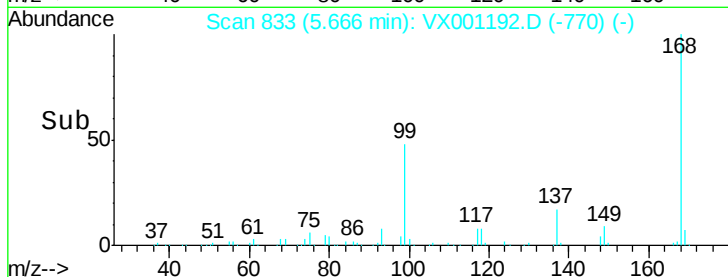
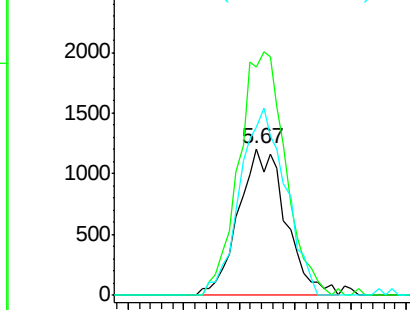
56 100

69 154.9 24.2 36.2#

84 114.2 67.5 101.3#



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: 50.844 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001192.D

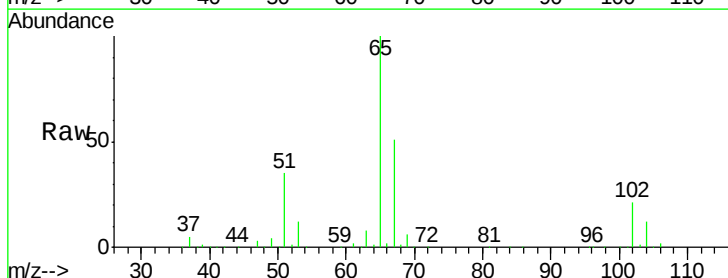
Acq: 28 Apr 2018 01:25

Tgt Ion: 65 Resp: 155514

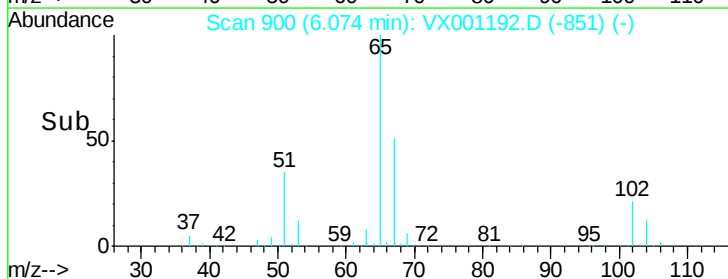
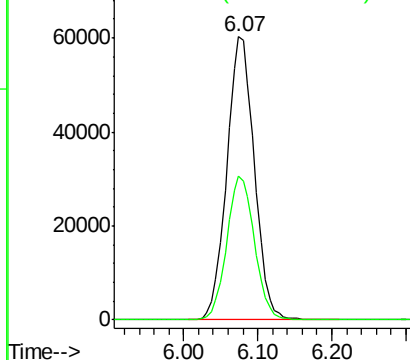
Ion Ratio Lower Upper

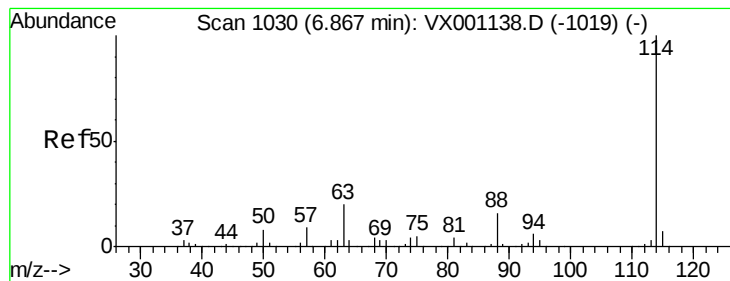
65 100

67 51.2 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001192.D

Acq: 28 Apr 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

Z1TB12-180419

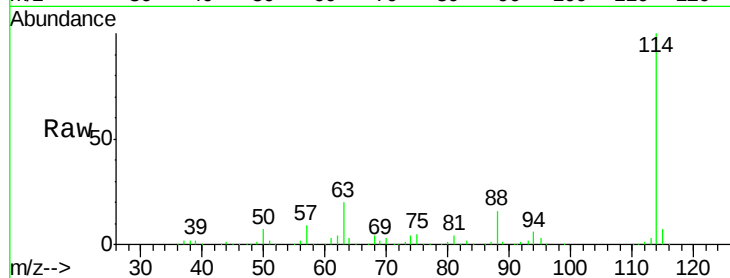
Tgt Ion:114 Resp: 271381

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.4

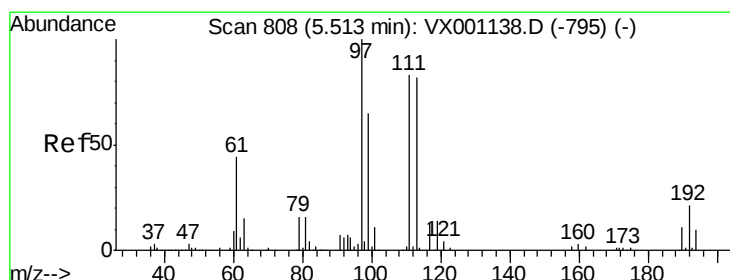
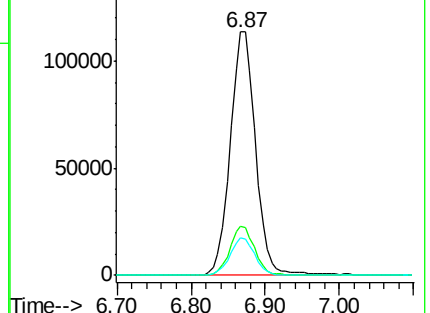
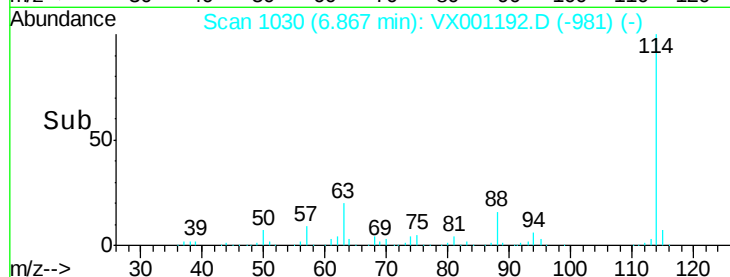
88 15.6 0.0 31.8



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: 54.924 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001192.D

Acq: 28 Apr 2018 01:25

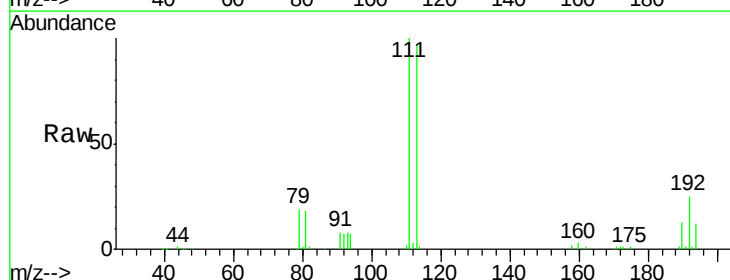
Tgt Ion:113 Resp: 123371

Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.4

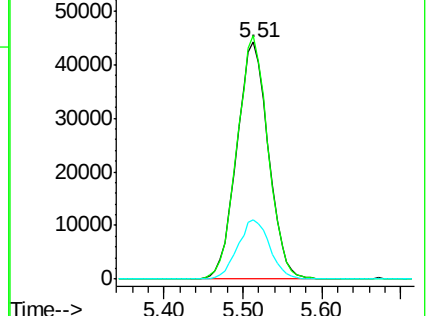
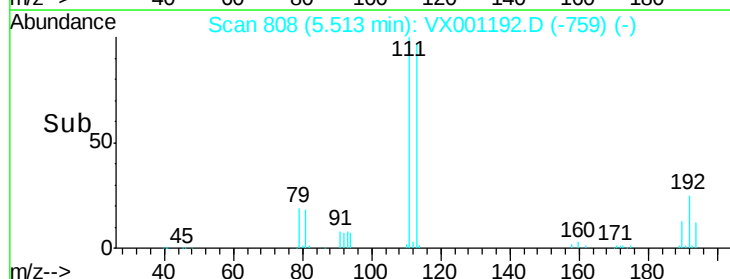
192 25.3 20.6 30.8

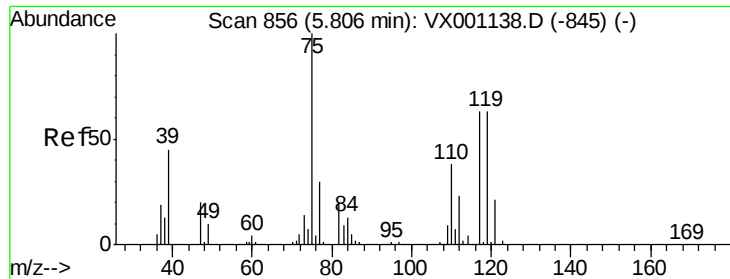


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

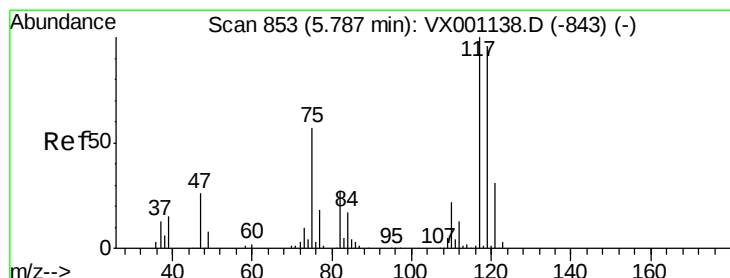
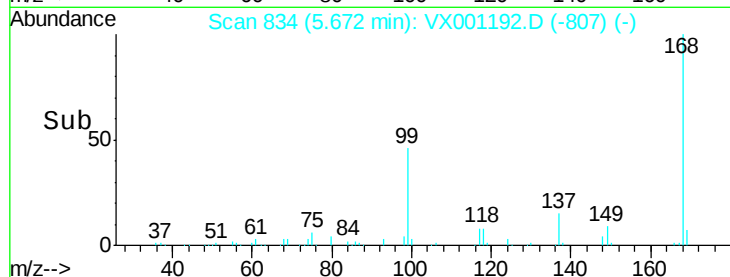
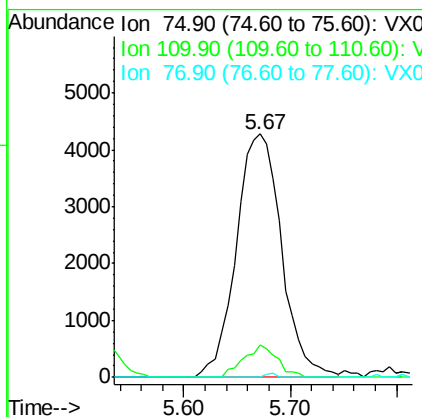
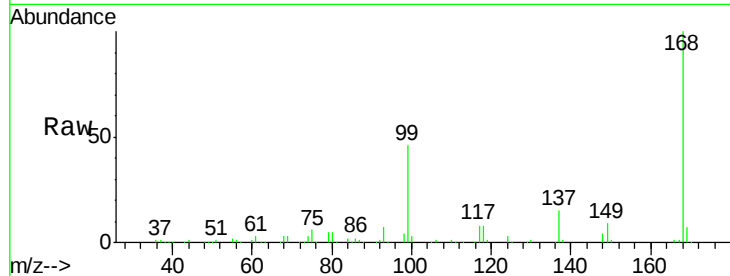




#36
 1,1-Dichloropropene
 Concen: 4.256 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001192.D
 Acq: 28 Apr 2018 01:25

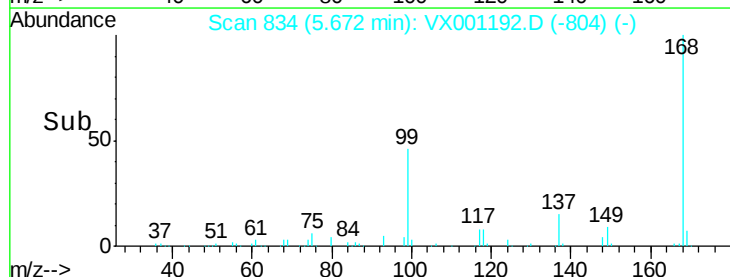
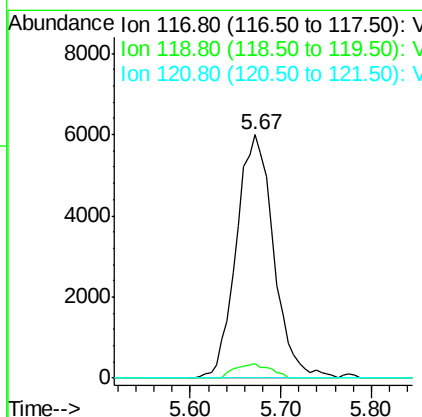
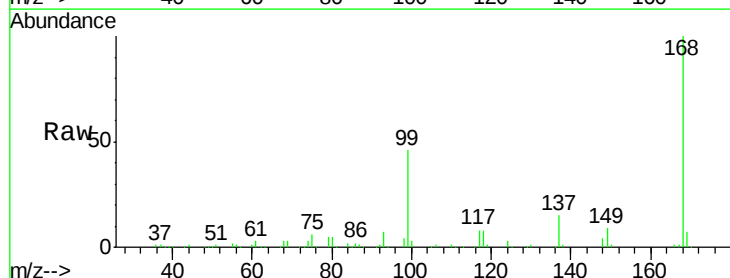
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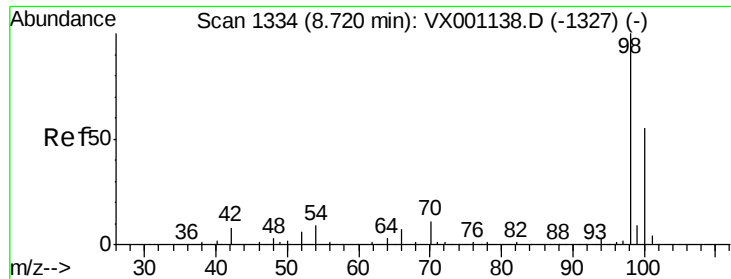
Tgt Ion: 75 Resp: 12729
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.0 57.0#
 77 0.4 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.576 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001192.D
 Acq: 28 Apr 2018 01:25

Tgt Ion: 117 Resp: 17098
 Ion Ratio Lower Upper
 117 100
 119 6.2 76.5 114.7#
 121 0.0 24.6 37.0#

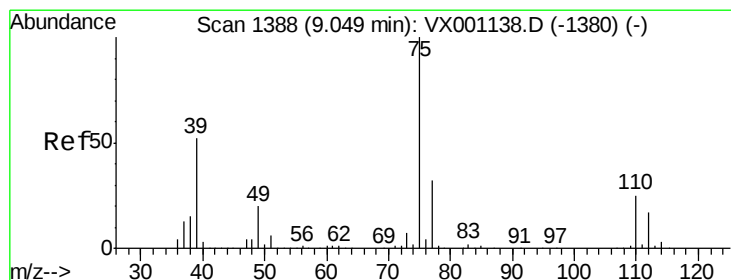
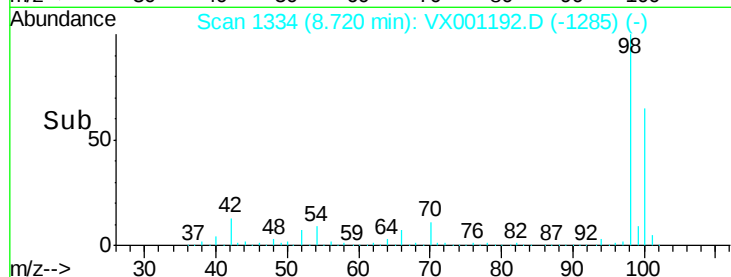
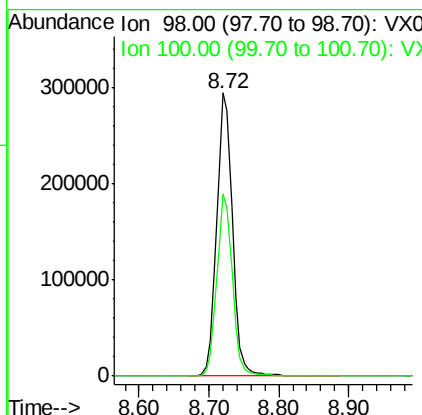
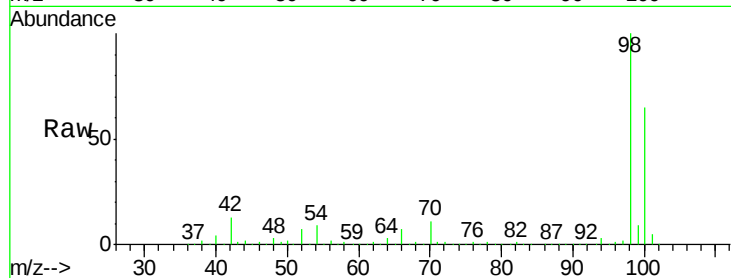




#50
Toluene-d8
Concen: 54.696 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001192.D
Acq: 28 Apr 2018 01:25

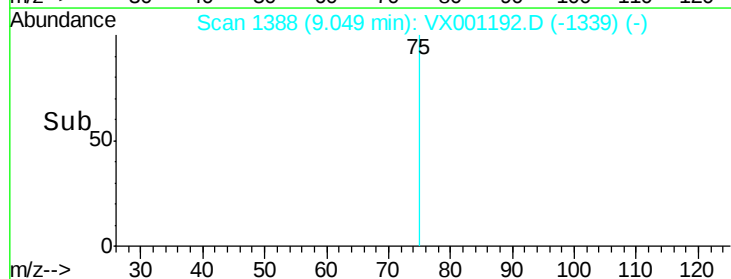
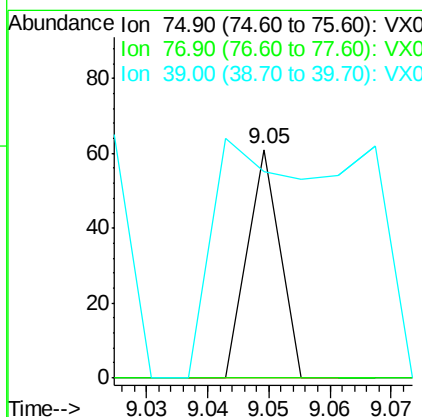
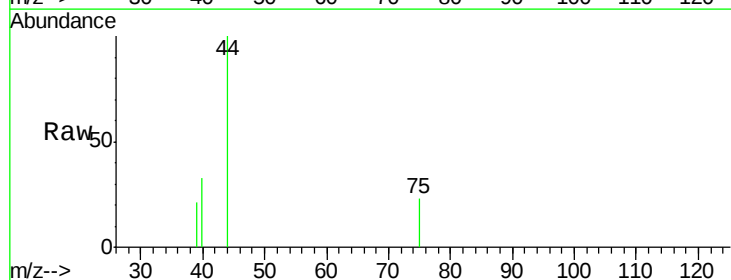
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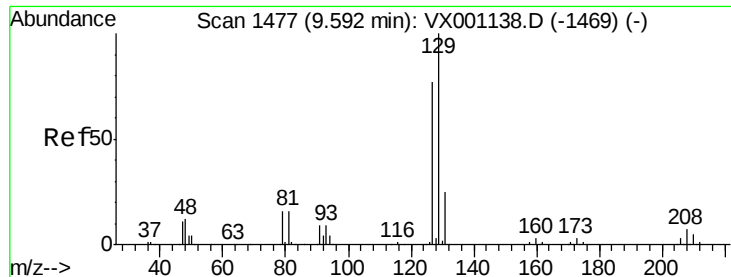
Tgt Ion: 98 Resp: 463651
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#54
cis-1,3-Dichloropropene
Concen: 3.192 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001192.D
Acq: 28 Apr 2018 01:25

Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#
39 90.2 42.0 63.0#





#60

Dibromochloromethane

Concen: 3.370 ug/l

RT: 9.35 min Scan# 1438

Delta R.T. -0.24 min

Lab File: VX001192.D

Acq: 28 Apr 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

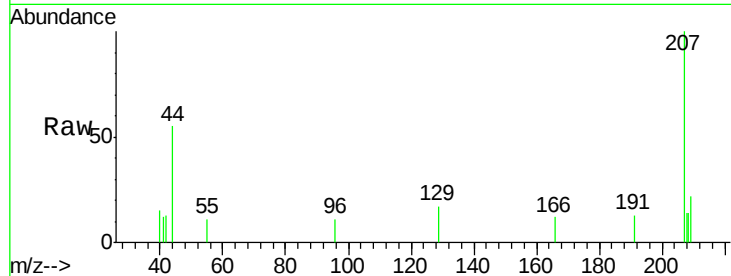
Z1TB12-180419

Tgt Ion:129 Resp: 72

Ion Ratio Lower Upper

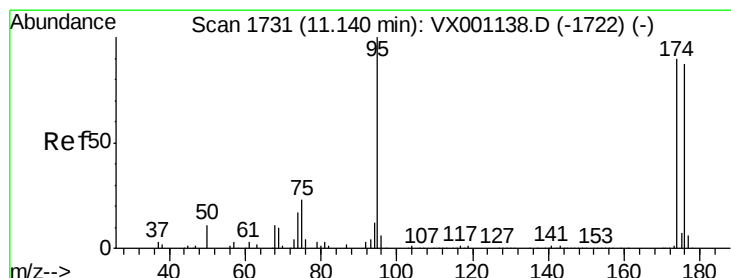
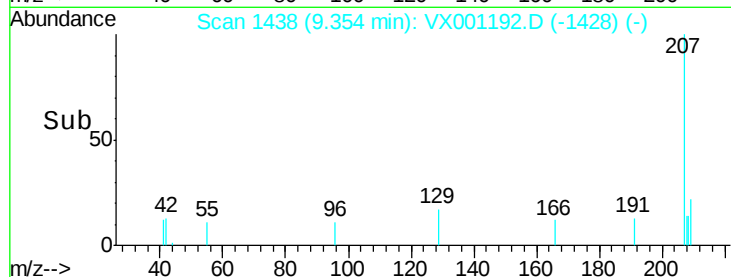
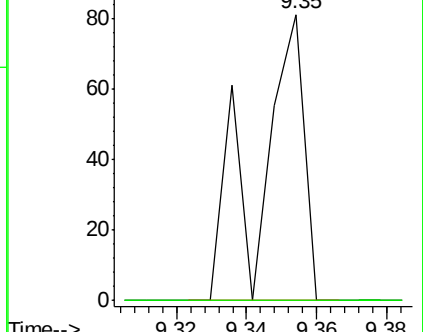
129 100

127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 48.090 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001192.D

Acq: 28 Apr 2018 01:25

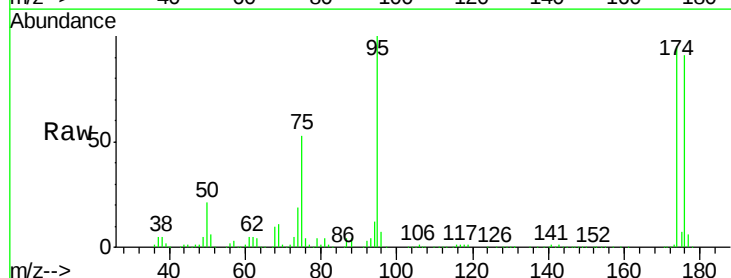
Tgt Ion: 95 Resp: 159250

Ion Ratio Lower Upper

95 100

174 102.9 0.0 194.4

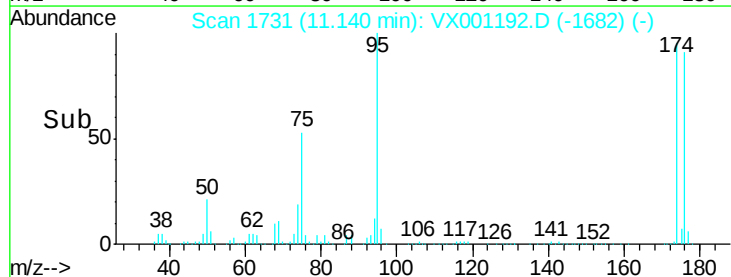
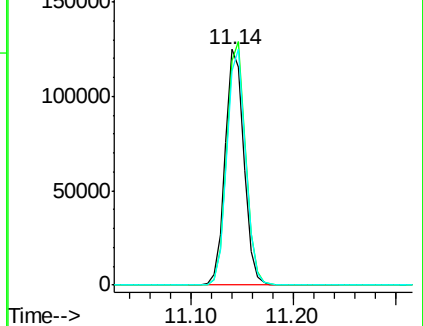
176 99.3 0.0 190.2

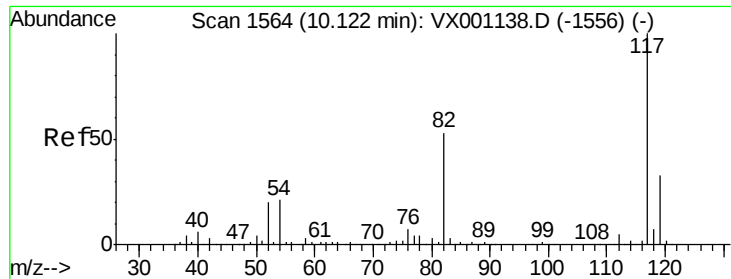


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

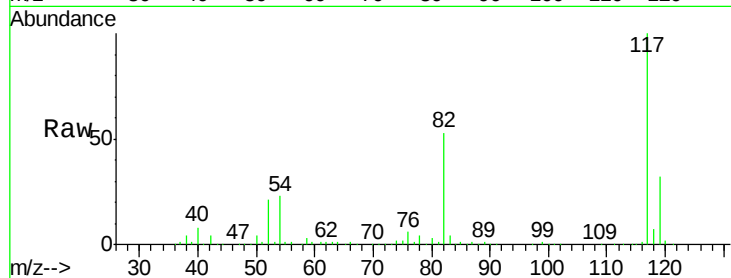




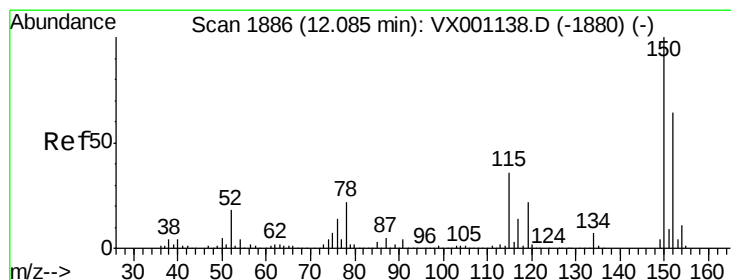
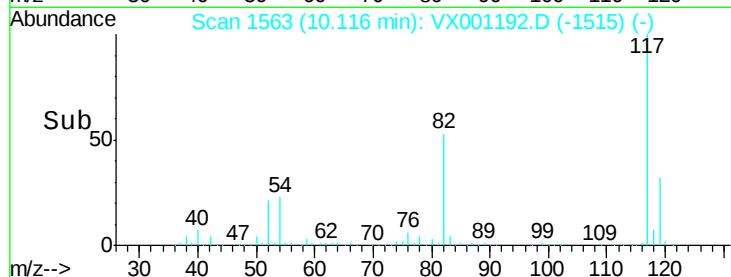
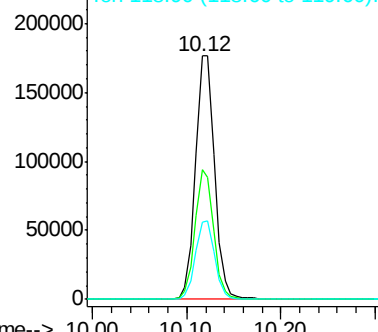
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001192.D
Acq: 28 Apr 2018 01:25

Instrument :
MSVOA_X
ClientSampleId :
Z1TB12-180419

Tgt Ion:117 Resp: 249112
Ion Ratio Lower Upper
117 100
82 53.3 42.1 63.1
119 31.8 26.1 39.1

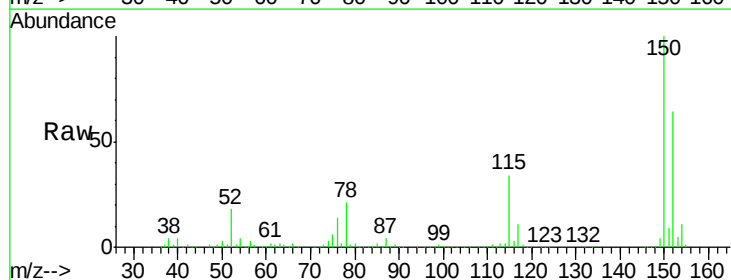


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

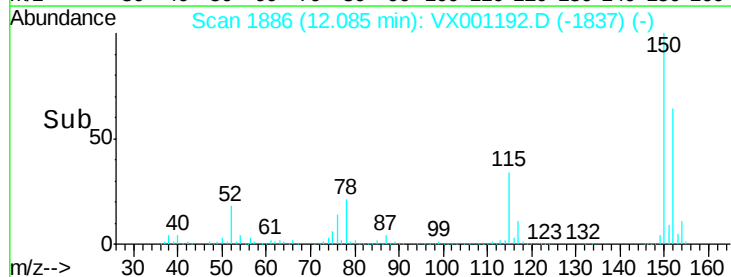
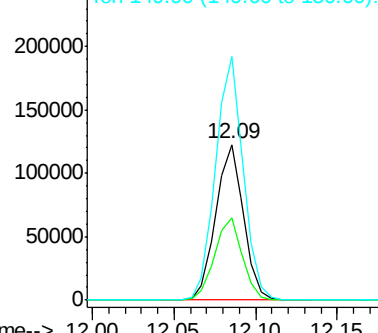


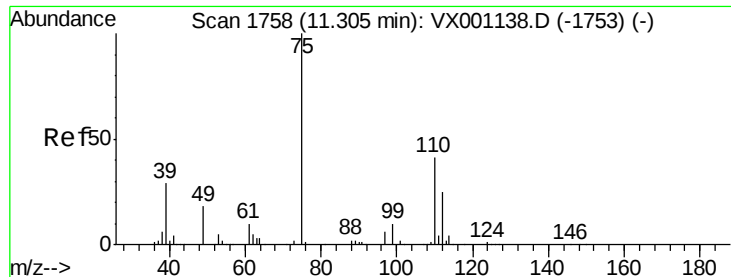
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001192.D
Acq: 28 Apr 2018 01:25

Tgt Ion:152 Resp: 145758
Ion Ratio Lower Upper
152 100
115 53.1 38.0 114.0
150 156.1 0.0 349.6



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: 28.148 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001192.D

Acq: 28 Apr 2018 01:25

Instrument :

MSVOA_X

ClientSampleId :

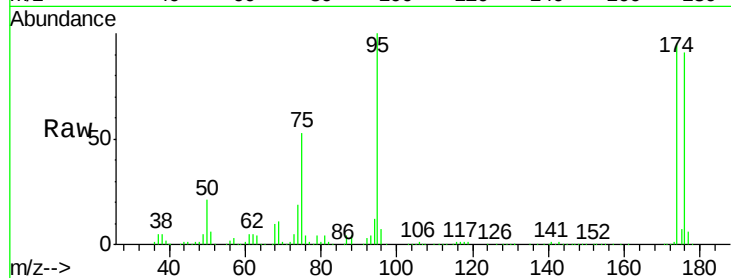
Z1TB12-180419

Tgt Ion: 75 Resp: 83545

Ion Ratio Lower Upper

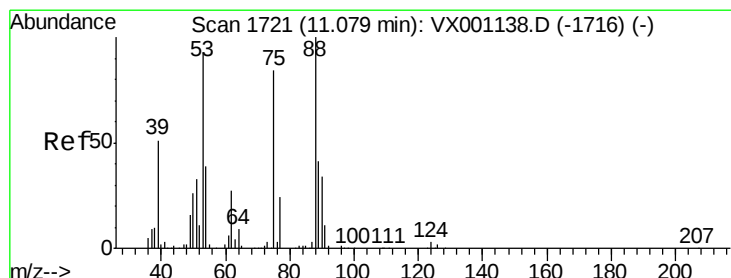
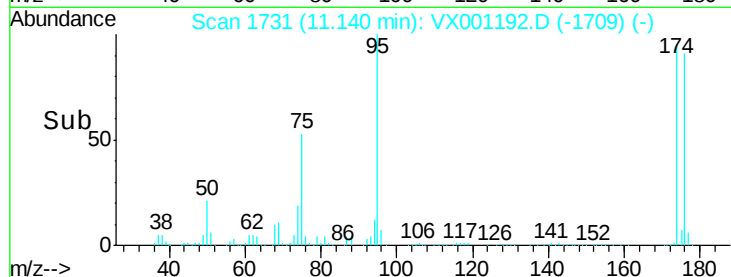
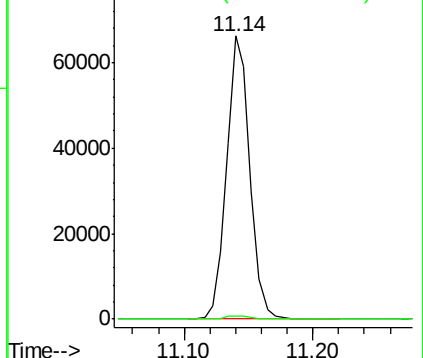
75 100

77 1.3 18.9 56.9#



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: 85.423 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001192.D

Acq: 28 Apr 2018 01:25

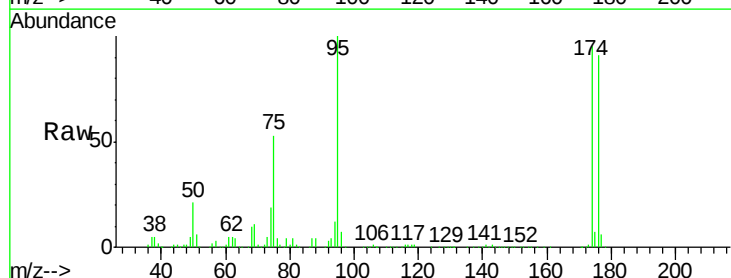
Tgt Ion: 75 Resp: 83545

Ion Ratio Lower Upper

75 100

53 0.0 87.9 131.9#

89 0.1 37.7 56.5#



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

