

Data File : VX001220.D

Acq On : 28 Apr 2018 18:04

Operator : JC/MD

Sample : J2547-08

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 15 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

DUP-0471-180423

Quant Time: Apr 30 01:33:31 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	175988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	243564	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	214599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	116378	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	135644	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
35) Dibromofluoromethane	5.51	113	107532	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
50) Toluene-d8	8.72	98	396636	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	11.14	95	131577	44.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.54%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	63850	33.03	ug/l	98
4) Vinyl Chloride	1.40	62	5294	2.58	ug/l	95
5) Bromomethane	1.65	94	93659	75.83	ug/l	99
6) Chloroethane	1.73	64	1130	0.88	ug/l	97
10) Methyl Iodide	2.51	142	2233940	1014.25	ug/l	99
11) Tert butyl alcohol	3.07	59	9723	18.07	ug/l #	94
13) Acrolein	2.31	56	555	2.73	ug/l #	74
14) Allyl chloride	2.72	41	16665	5.13	ug/l #	42
15) Acrylonitrile	3.15	53	592	0.52	ug/l #	75
16) Acetone	2.45	43	746773	665.67	ug/l	99
17) Carbon Disulfide	2.57	76	15178	3.34	ug/l	97
18) Methyl Acetate	2.78	43	5827	2.08	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	4097	2.08	ug/l	98
24) 1,1-Dichloroethane	3.70	63	24629	7.21	ug/l	99
25) 2-Butanone	4.72	43	102205	60.89	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	32536	15.10	ug/l	88
29) Tetrahydrofuran	5.20	42	440	0.41	ug/l #	46
31) Cyclohexane	5.67	56	3136	1.08	ug/l #	2
36) 1,1-Dichloropropene	5.67	75	10932	4.07	ug/l #	50
37) Ethyl Acetate	4.72	43	102205	31.80	ug/l #	69
38) Carbon Tetrachloride	5.67	117	14825	5.39	ug/l #	16
40) Benzene	6.15	78	28154	3.63	ug/l	97
42) 1,2-Dichloroethane	6.21	62	1540	0.49	ug/l	94
43) Isopropyl Acetate	6.48	43	5555	1.10	ug/l #	62
48) Methyl methacrylate	7.74	41	1214	0.45	ug/l #	44
51) 4-Methyl-2-Pentanone	8.66	43	1017	0.31	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	811	0.38	ug/l	92
59) 2-Hexanone	9.51	43	1658	0.64	ug/l	93
65) Chlorobenzene	10.15	112	2318	0.41	ug/l	98
74) N-amyl acetate	6.48	43	5555	1.45	ug/l #	58
76) 1,2,3-Trichloropropane	11.14	75	68511	28.91	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	68511	87.60	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.82	105	4361	0.66	ug/l #	31
91) 1,2-Dichlorobenzene	12.40	146	9507	2.33	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042818\
Quantitation Report (Not Reviewed)

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

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Sample : J2547-08

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Instrument :

MSVOA_X

ClientSampleId :

DUP-0471-180423

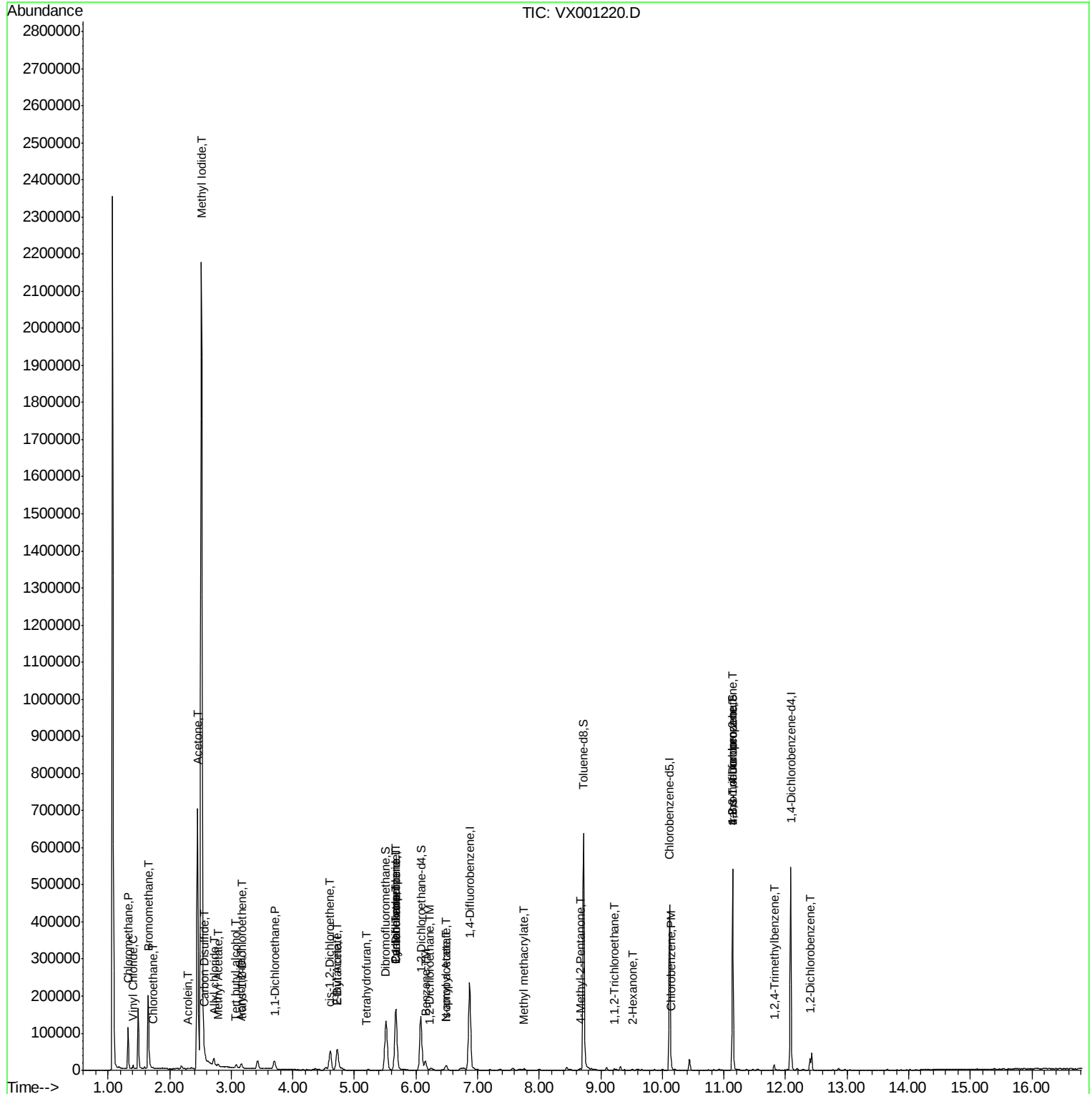
Quant Time: Apr 30 01:33:31 2018

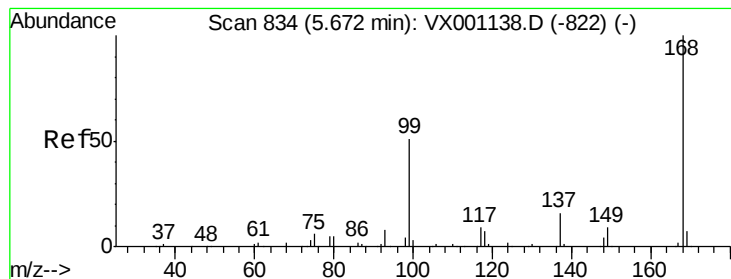
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

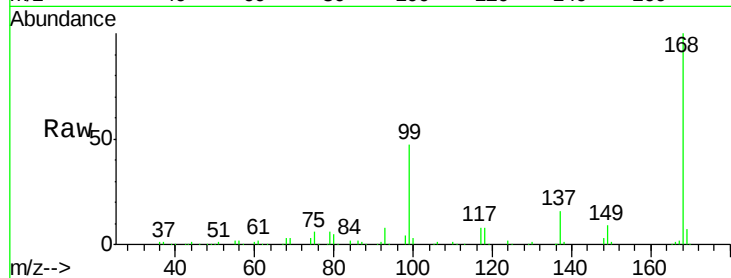
DUP-0471-180423

Tgt Ion:168 Resp: 175988

Ion Ratio Lower Upper

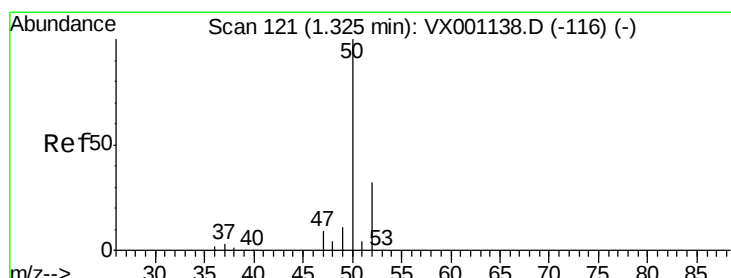
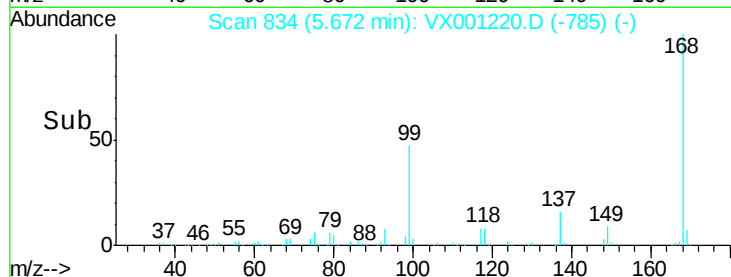
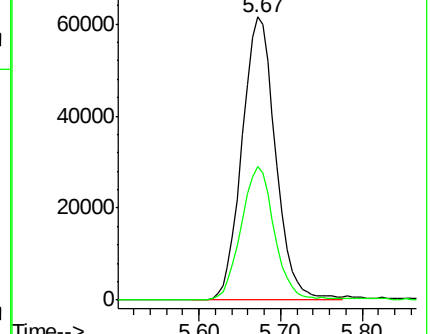
168 100

99 47.3 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 33.03 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001220.D

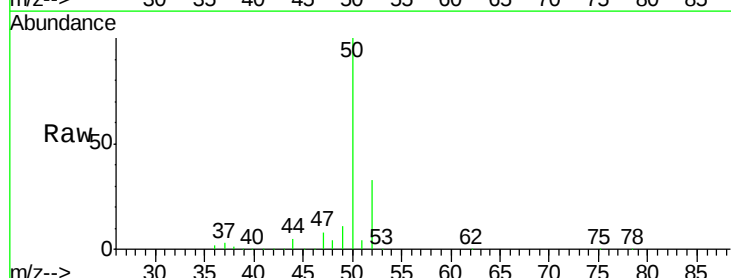
Acq: 28 Apr 2018 18:04

Tgt Ion: 50 Resp: 63850

Ion Ratio Lower Upper

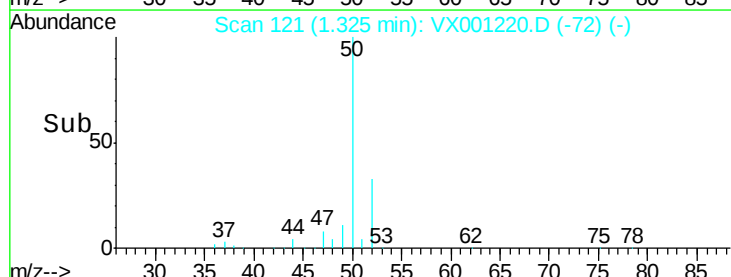
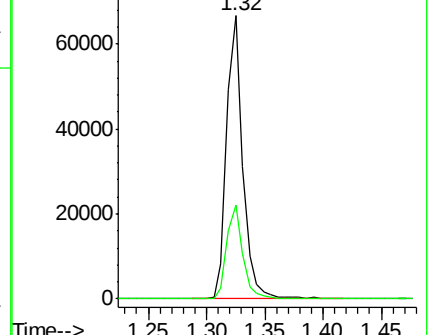
50 100

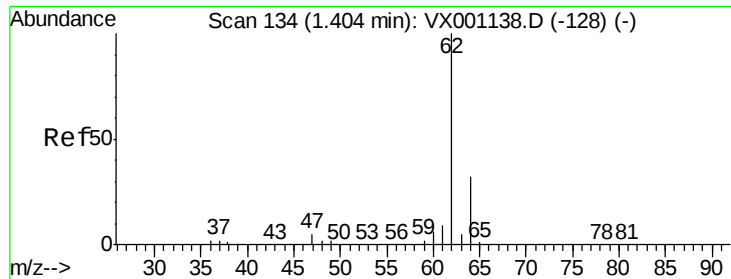
52 33.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 2.58 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

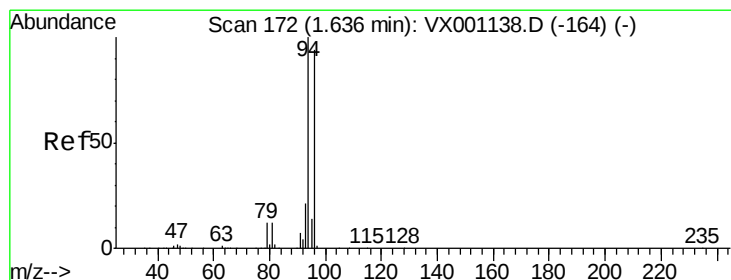
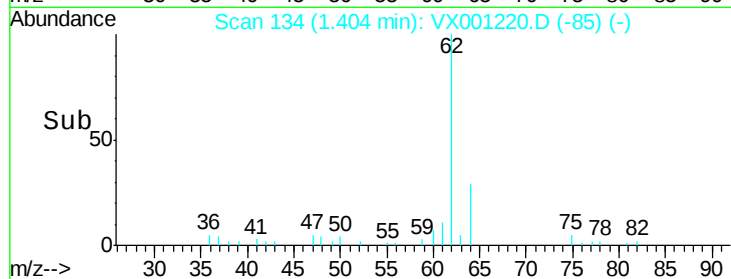
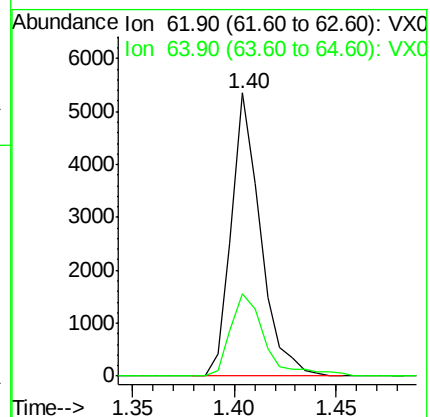
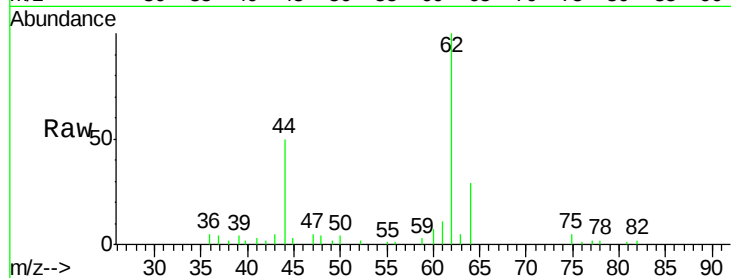
DUP-0471-180423

Tgt Ion: 62 Resp: 5294

Ion Ratio Lower Upper

62 100

64 29.0 25.6 38.4



#5

Bromomethane

Concen: 75.83 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001220.D

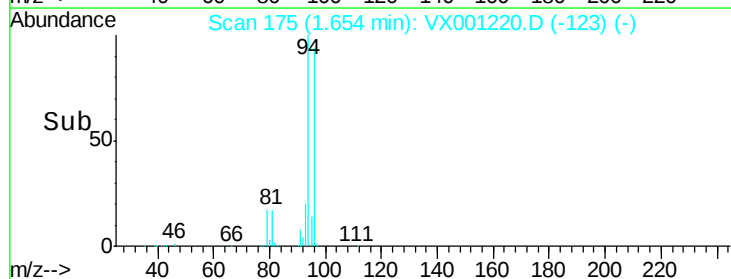
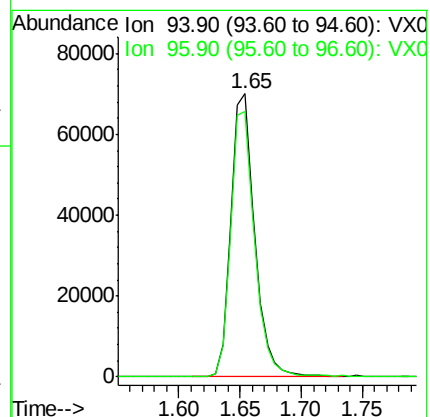
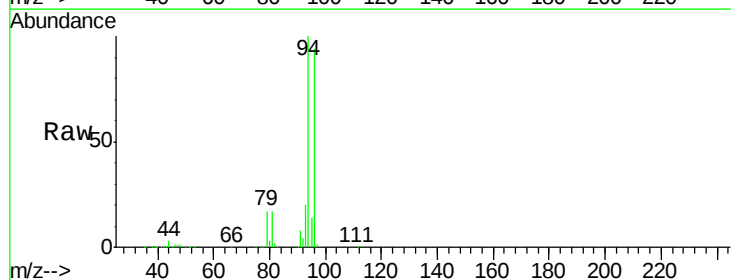
Acq: 28 Apr 2018 18:04

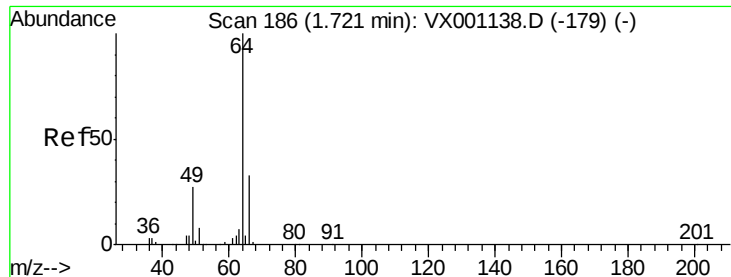
Tgt Ion: 94 Resp: 93659

Ion Ratio Lower Upper

94 100

96 93.6 75.3 112.9





#6

Chloroethane

Concen: 0.88 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

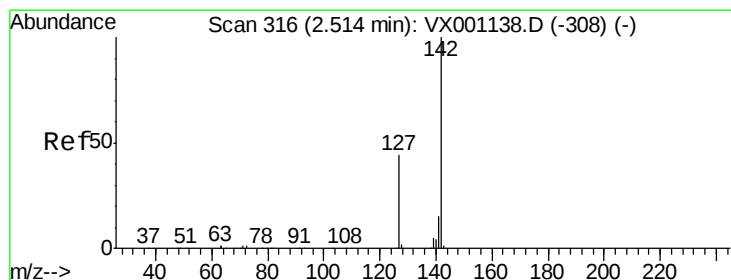
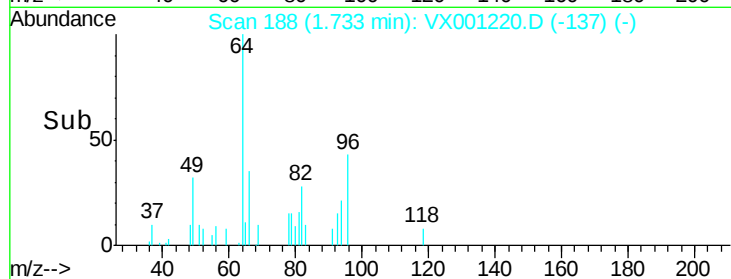
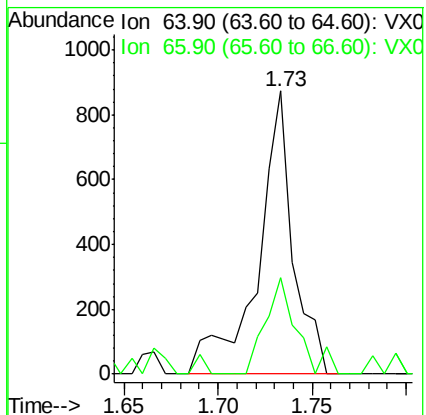
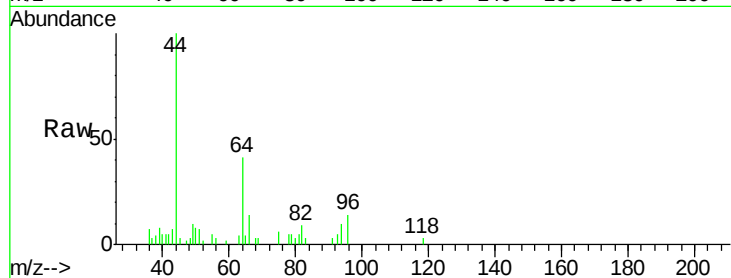
DUP-0471-180423

Tgt Ion: 64 Resp: 1130

Ion Ratio Lower Upper

64 100

66 34.1 26.1 39.1



#10

Methyl Iodide

Concen: 1014.25 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

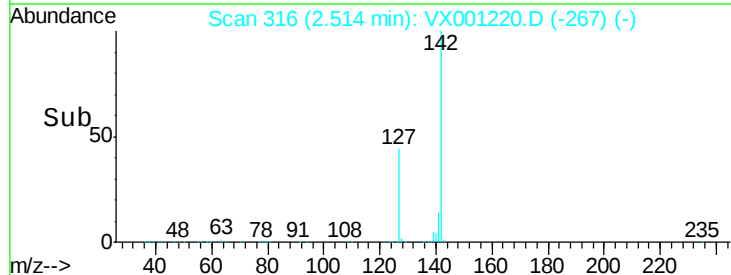
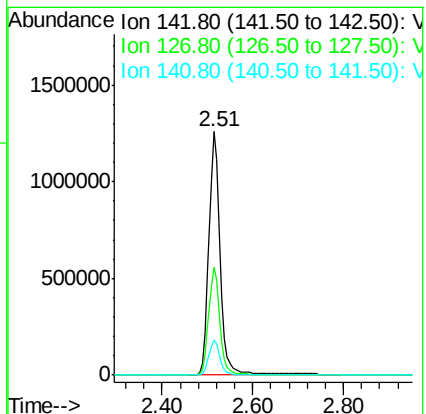
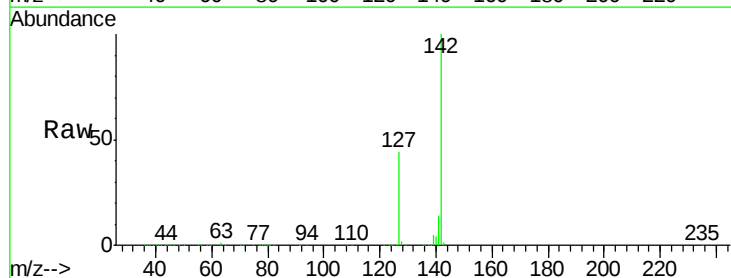
Tgt Ion: 142 Resp: 2233940

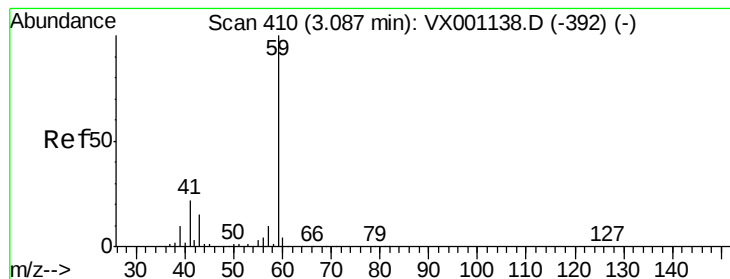
Ion Ratio Lower Upper

142 100

127 43.9 34.7 52.1

141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 18.07 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

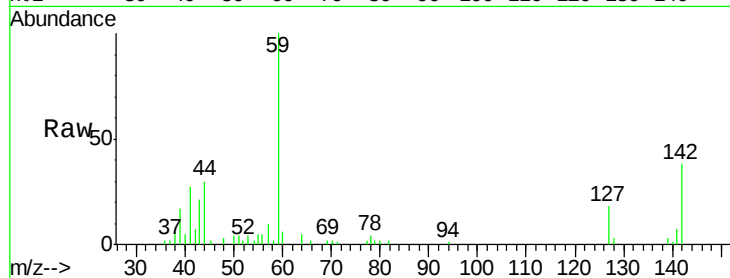
DUP-0471-180423

Tgt Ion: 59 Resp: 9723

Ion Ratio Lower Upper

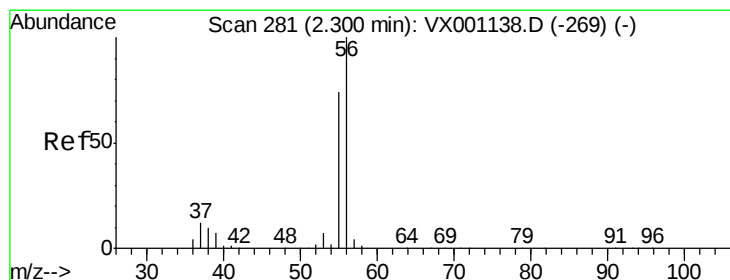
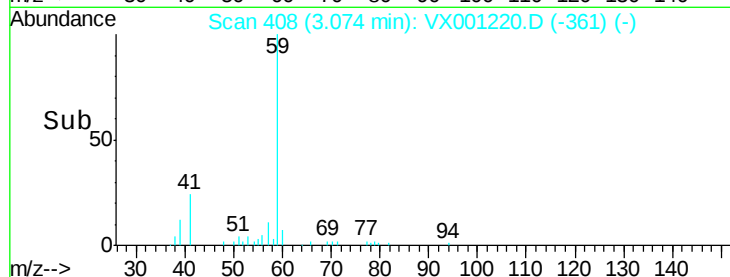
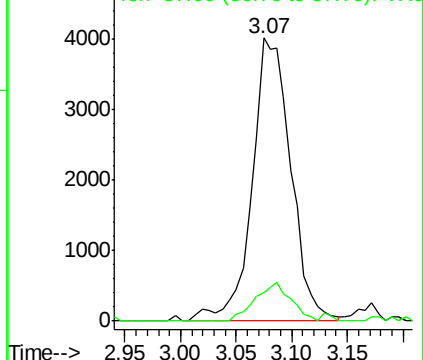
59 100

57 12.4 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: 2.73 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX001220.D

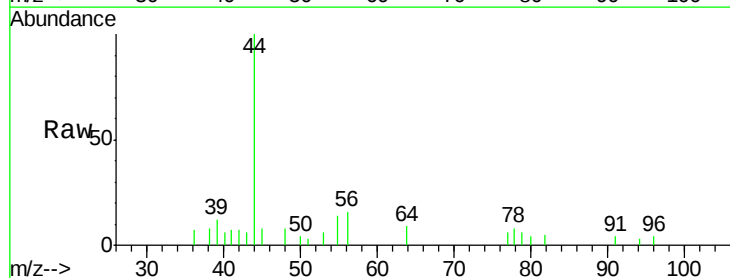
Acq: 28 Apr 2018 18:04

Tgt Ion: 56 Resp: 555

Ion Ratio Lower Upper

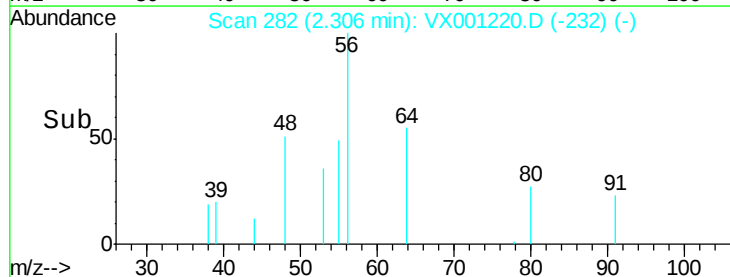
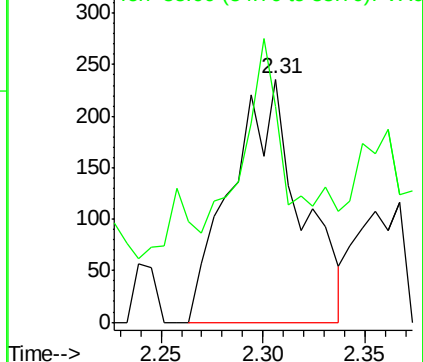
56 100

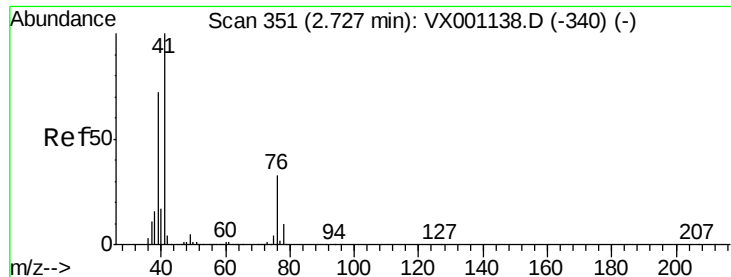
55 50.1 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#14

Allyl chloride

Concen: 5.13 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX001220.D

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ClientSampleId :

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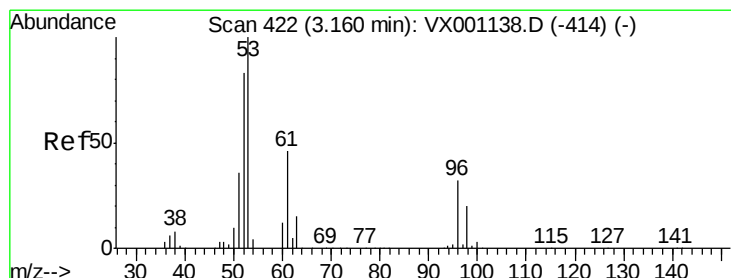
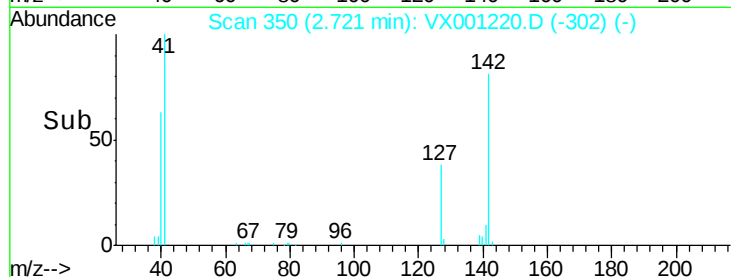
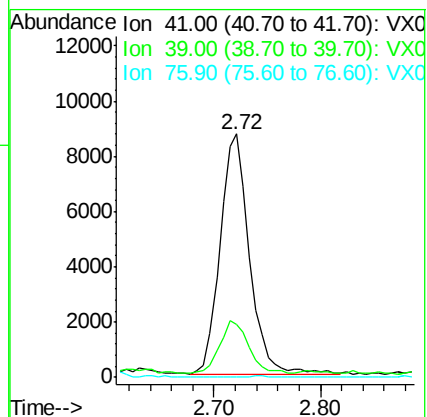
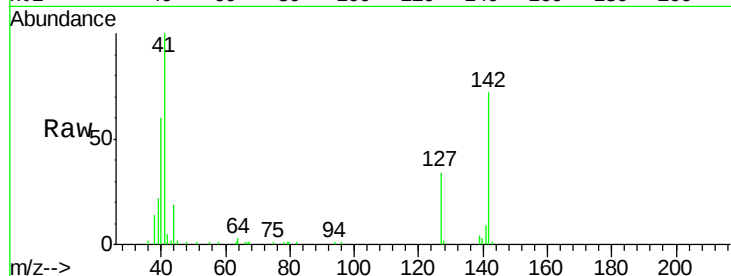
Tgt Ion: 41 Resp: 16665

Ion Ratio Lower Upper

41 100

39 21.4 55.6 83.4#

76 0.0 24.8 37.2#



#15

Acrylonitrile

Concen: 0.52 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

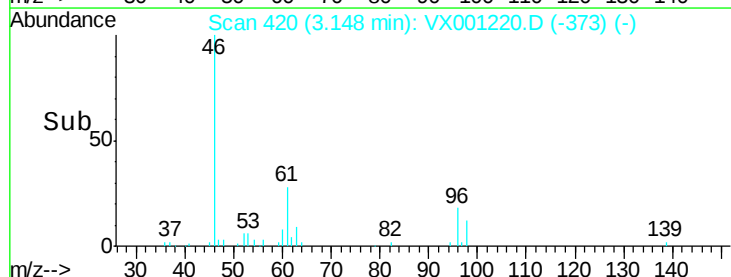
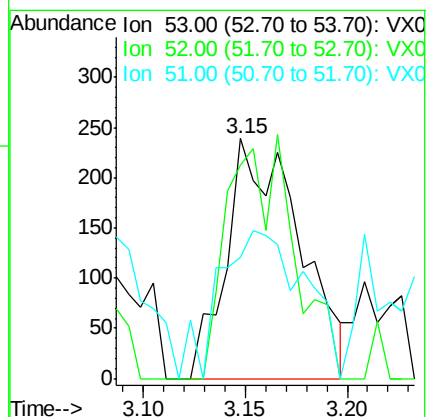
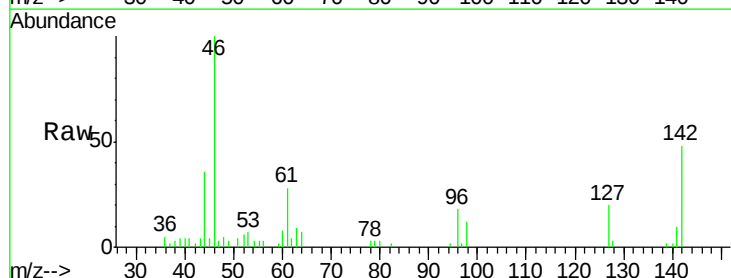
Tgt Ion: 53 Resp: 592

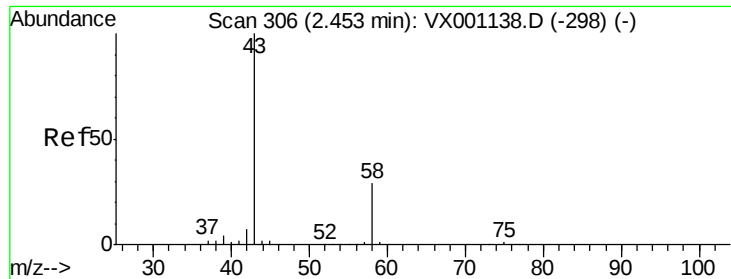
Ion Ratio Lower Upper

53 100

52 90.9 66.5 99.7

51 73.1 29.5 44.3#





#16

Acetone

Concen: 665.67 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Instrument :

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ClientSampleId :

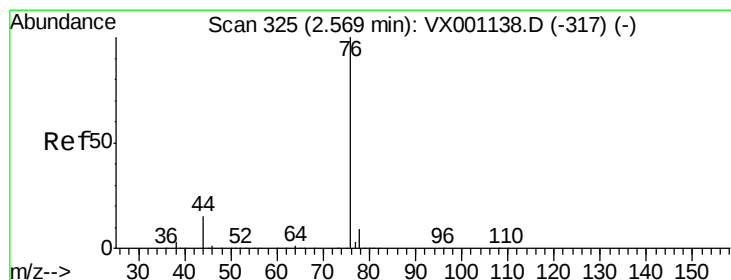
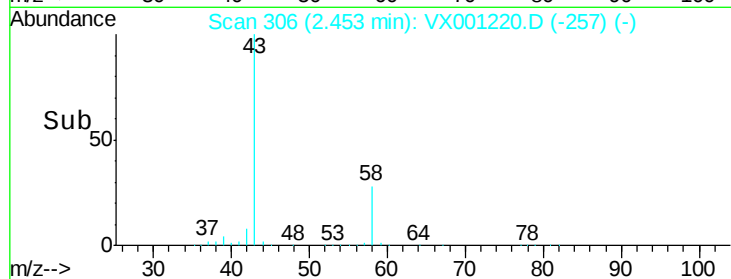
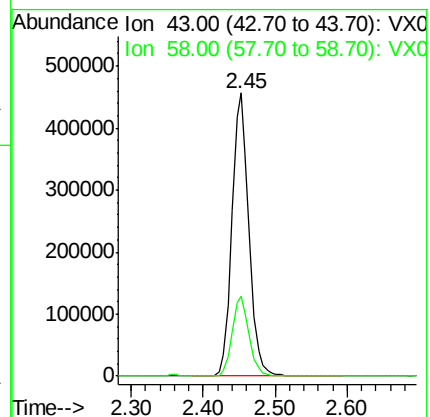
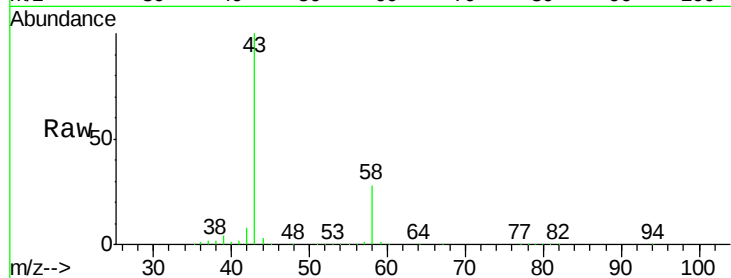
DUP-0471-180423

Tgt Ion: 43 Resp: 746773

Ion Ratio Lower Upper

43 100

58 28.4 23.0 34.6



#17

Carbon Disulfide

Concen: 3.34 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001220.D

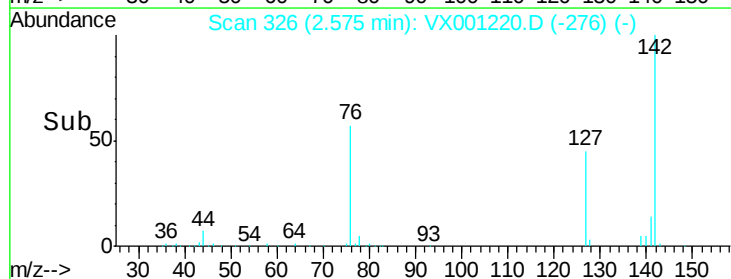
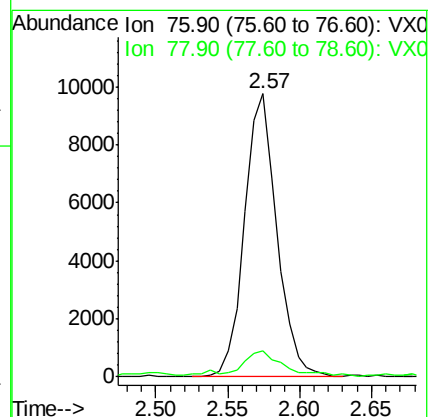
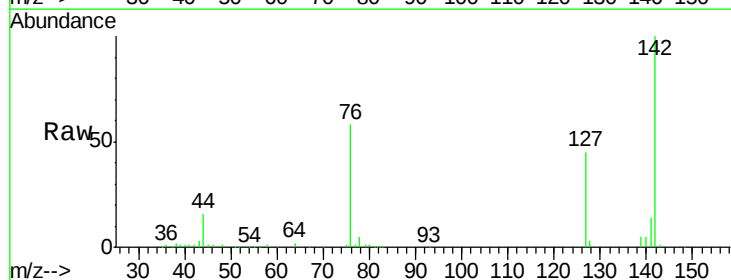
Acq: 28 Apr 2018 18:04

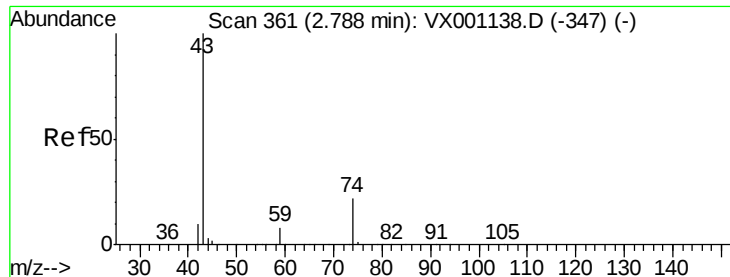
Tgt Ion: 76 Resp: 15178

Ion Ratio Lower Upper

76 100

78 8.2 7.3 10.9

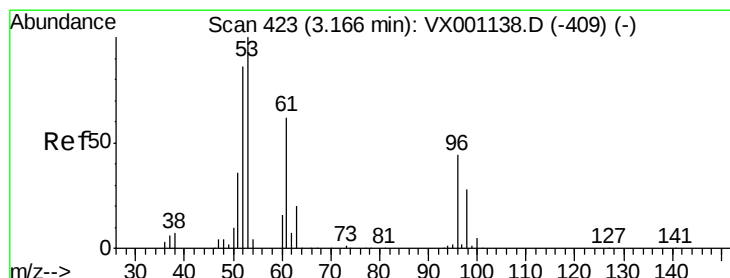
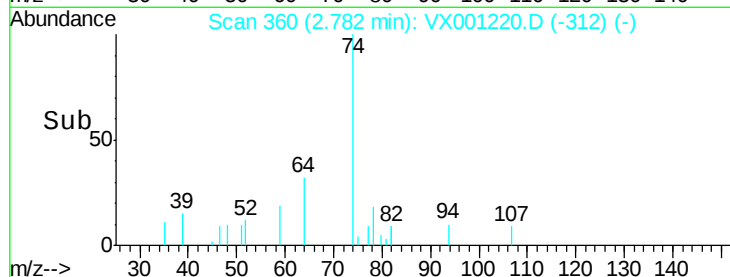
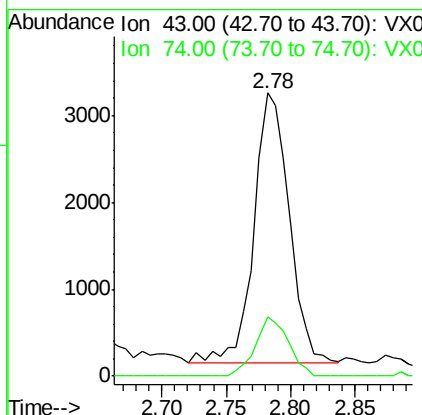
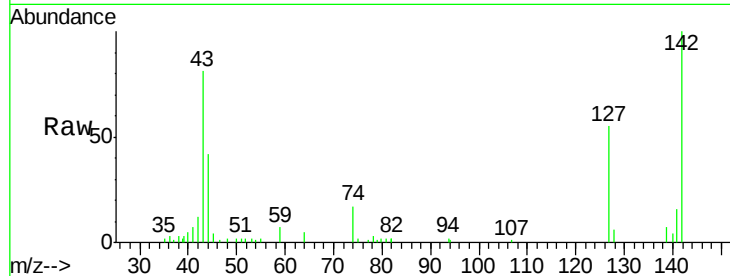




#18
Methyl Acetate
Concen: 2.08 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001220.D
Acq: 28 Apr 2018 18:04

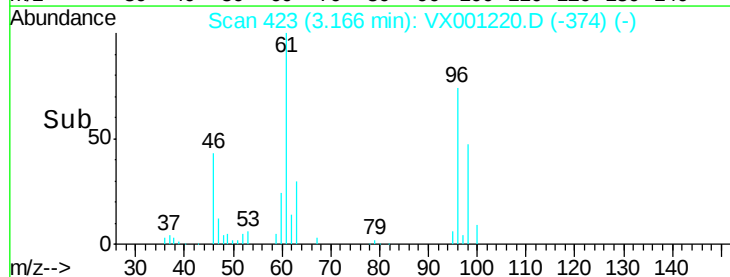
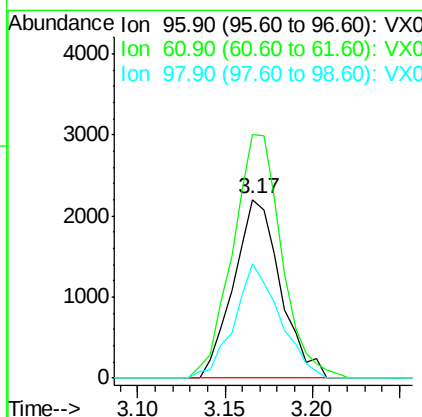
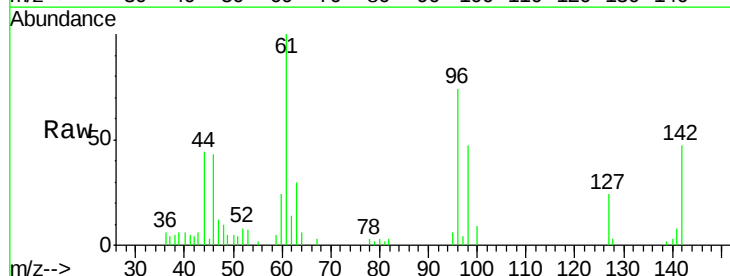
Instrument :
MSVOA_X
ClientSampleId :
DUP-0471-180423

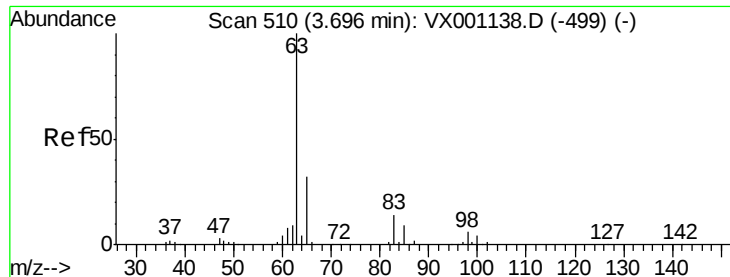
Tgt Ion: 43 Resp: 5827
Ion Ratio Lower Upper
43 100
74 20.7 18.1 27.1



#21
trans-1,2-Dichloroethene
Concen: 2.08 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX001220.D
Acq: 28 Apr 2018 18:04

Tgt Ion: 96 Resp: 4097
Ion Ratio Lower Upper
96 100
61 136.0 111.9 167.9
98 64.1 51.1 76.7





#24

1,1-Dichloroethane

Concen: 7.21 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

DUP-0471-180423

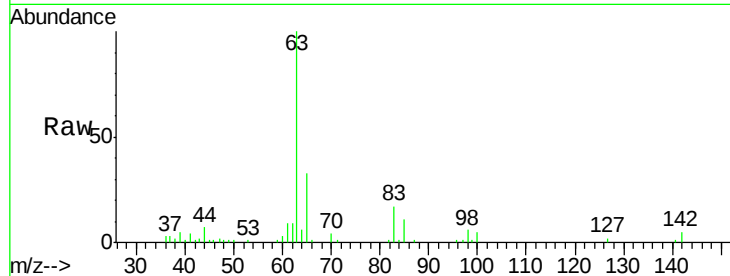
Tgt Ion: 63 Resp: 24629

Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.4

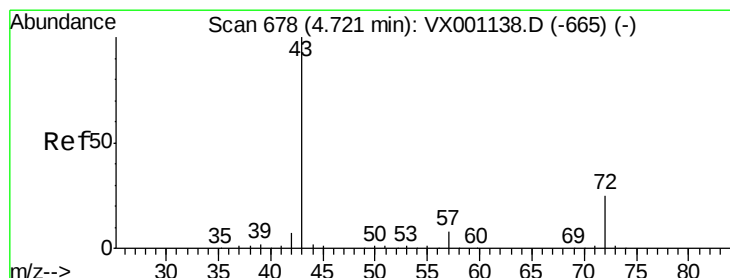
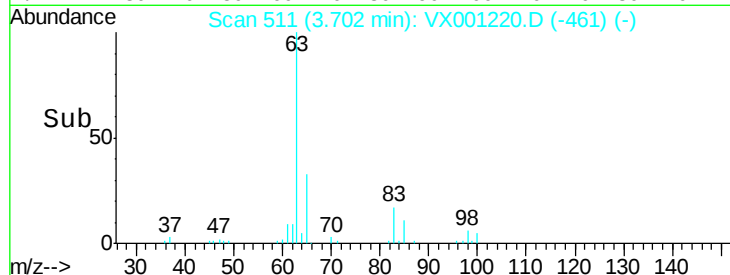
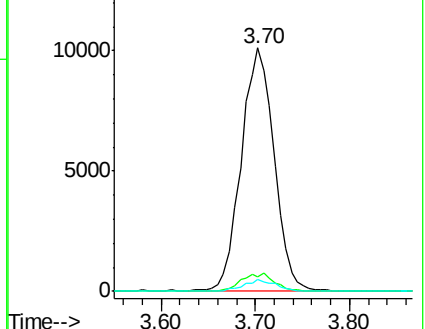
100 5.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 60.89 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001220.D

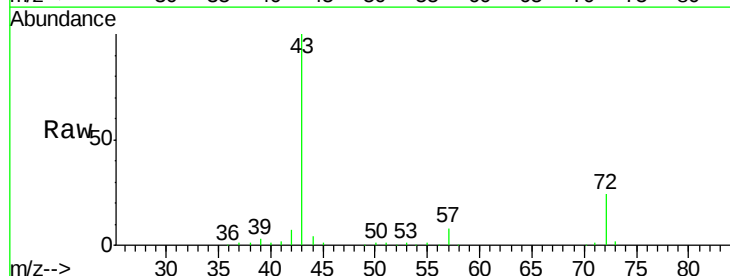
Acq: 28 Apr 2018 18:04

Tgt Ion: 43 Resp: 102205

Ion Ratio Lower Upper

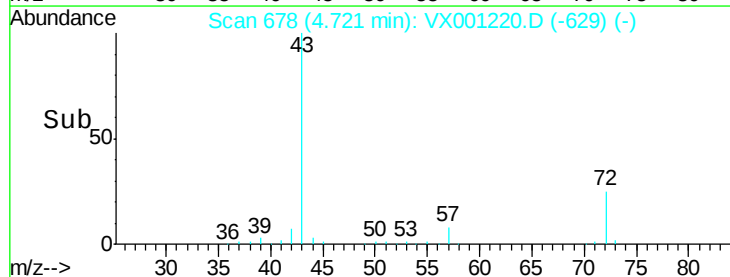
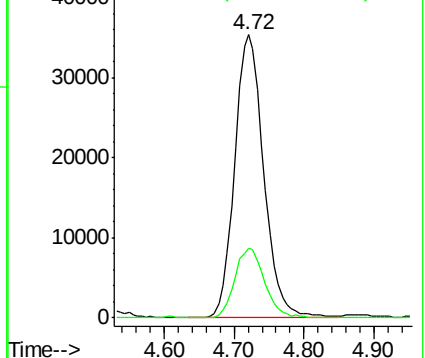
43 100

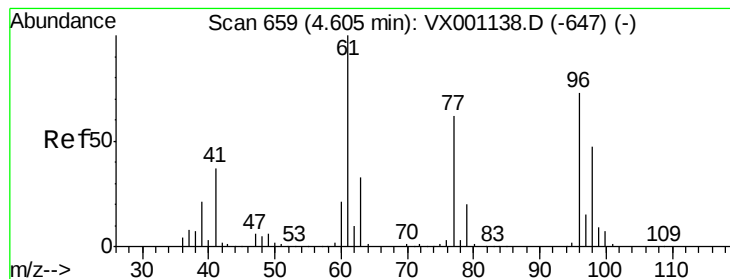
72 24.4 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 15.10 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

DUP-0471-180423

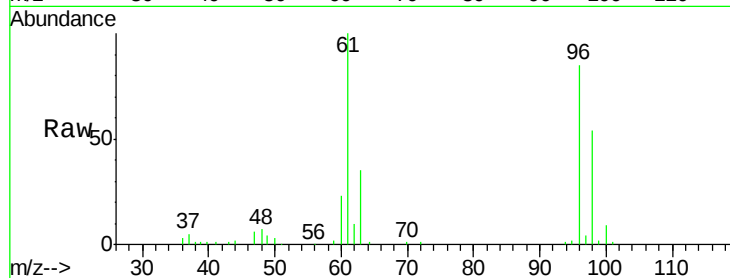
Tgt Ion: 96 Resp: 32536

Ion Ratio Lower Upper

96 100

61 122.8 0.0 289.0

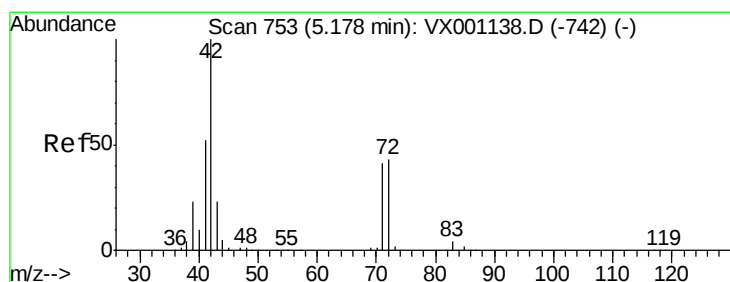
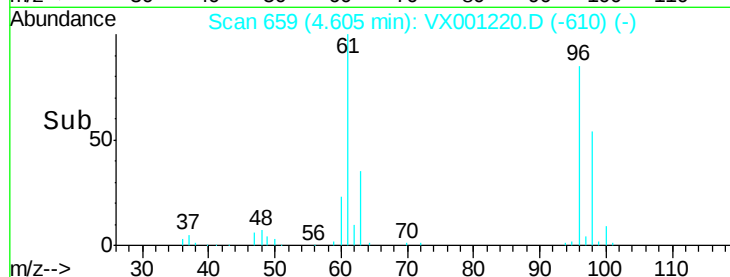
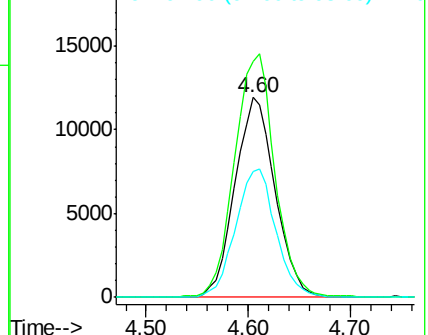
98 64.3 0.0 128.2



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



#29

Tetrahydrofuran

Concen: 0.41 ug/l

RT: 5.20 min Scan# 756

Delta R.T. 0.02 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

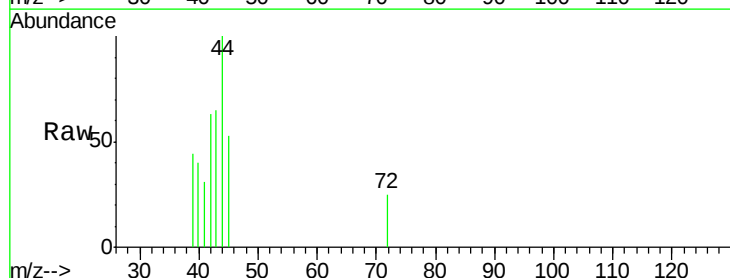
Tgt Ion: 42 Resp: 440

Ion Ratio Lower Upper

42 100

72 15.2 34.4 51.6#

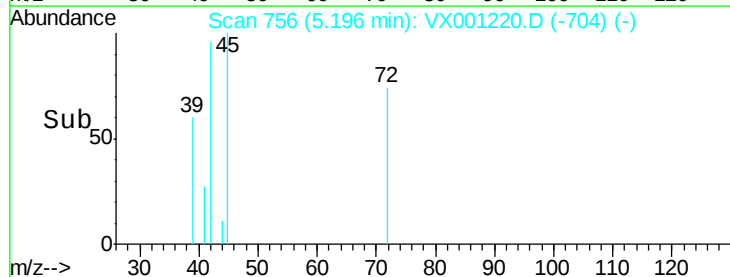
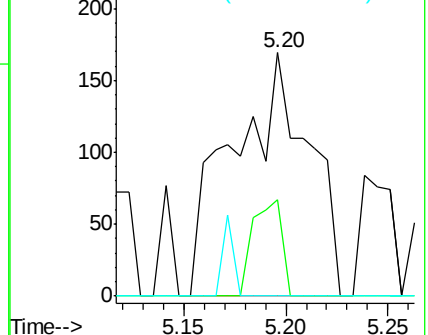
71 0.0 32.1 48.1#

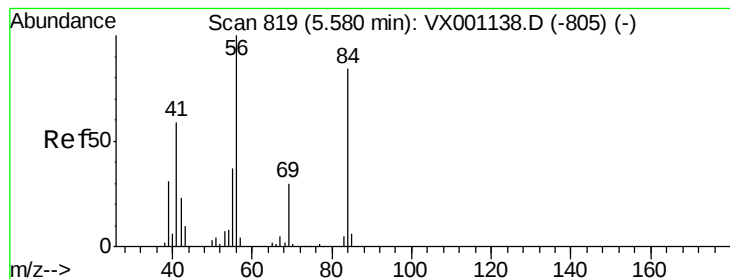


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 1.08 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

DUP-0471-180423

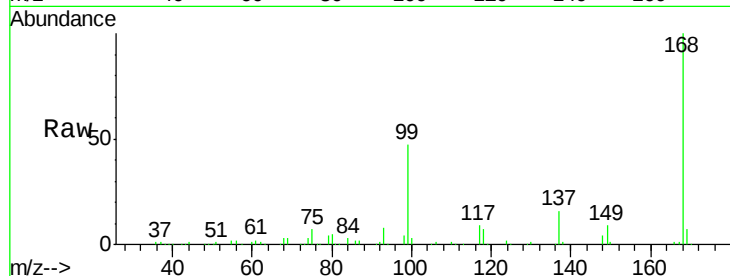
Tgt Ion: 56 Resp: 3136

Ion Ratio Lower Upper

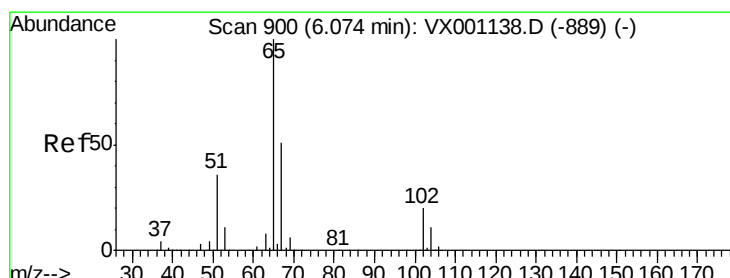
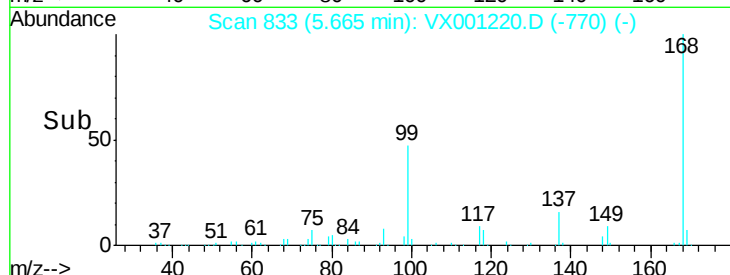
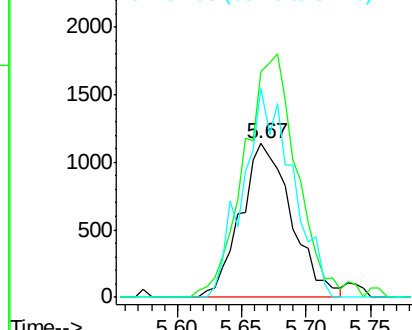
56 100

69 146.6 24.2 36.2#

84 135.6 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: 49.72 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001220.D

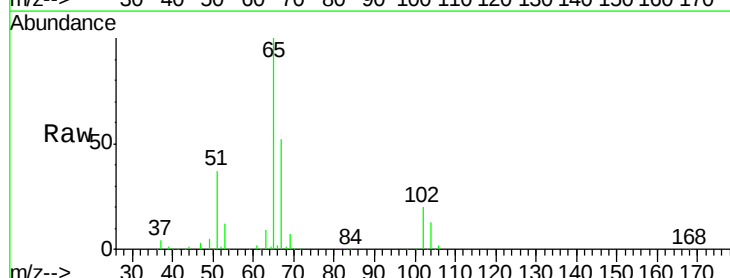
Acq: 28 Apr 2018 18:04

Tgt Ion: 65 Resp: 135644

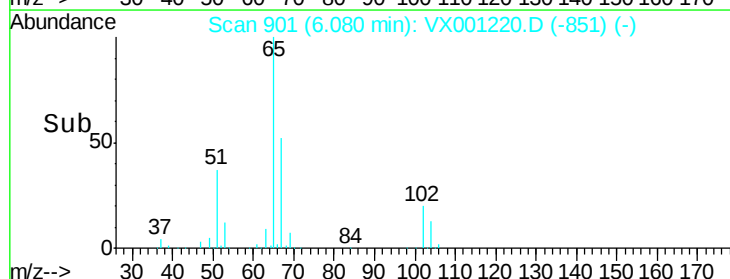
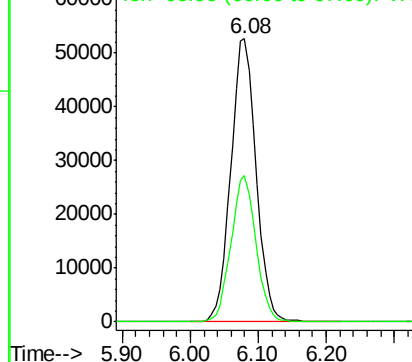
Ion Ratio Lower Upper

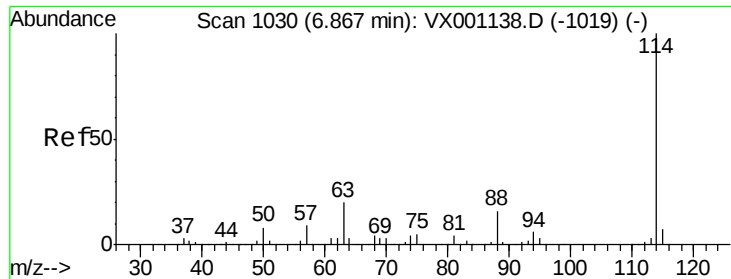
65 100

67 51.1 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: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

DUP-0471-180423

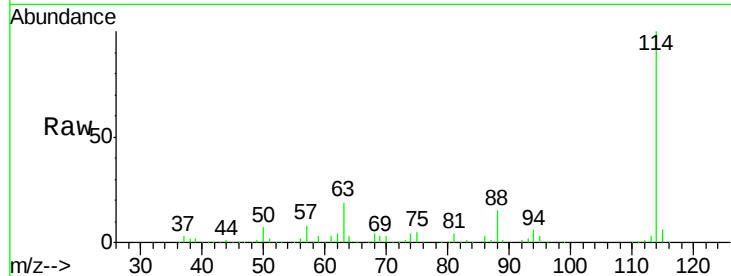
Tgt Ion:114 Resp: 243564

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.4

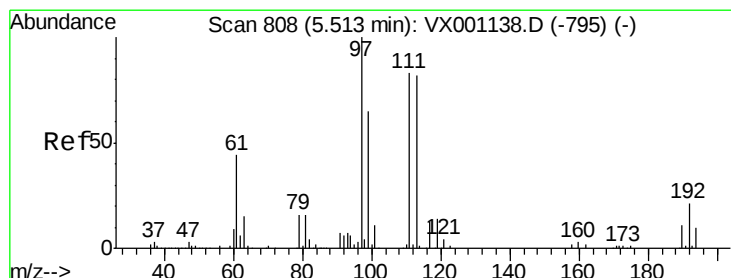
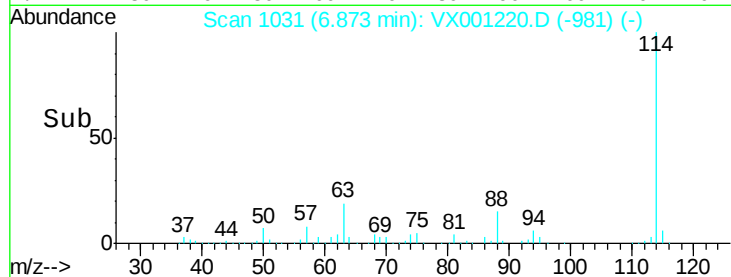
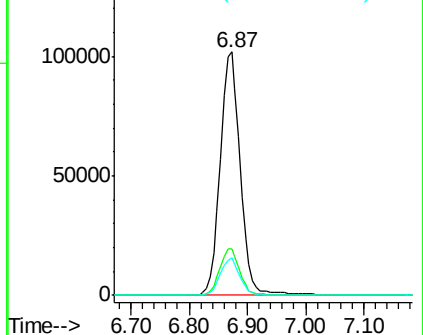
88 15.2 0.0 31.8



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: 53.34 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

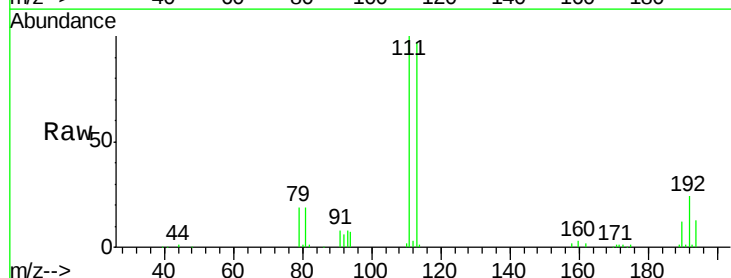
Tgt Ion:113 Resp: 107532

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

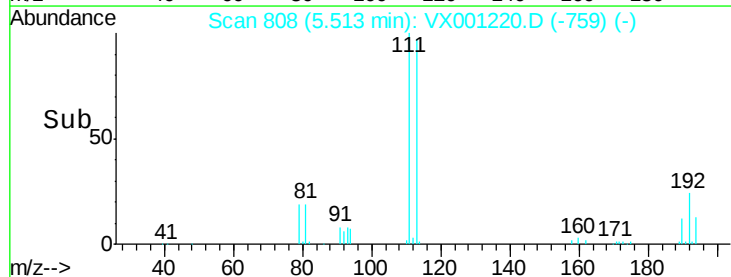
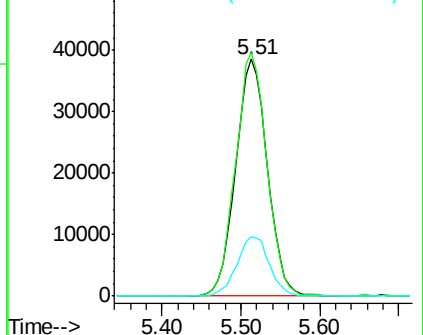
192 25.7 20.6 30.8

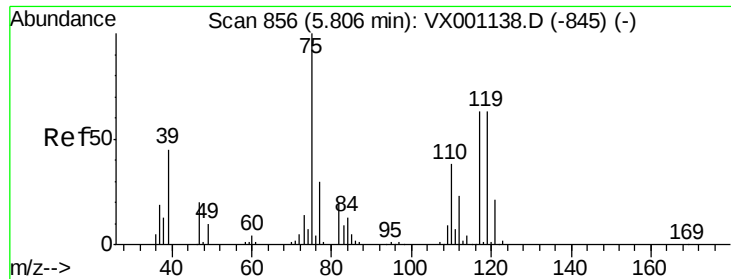


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

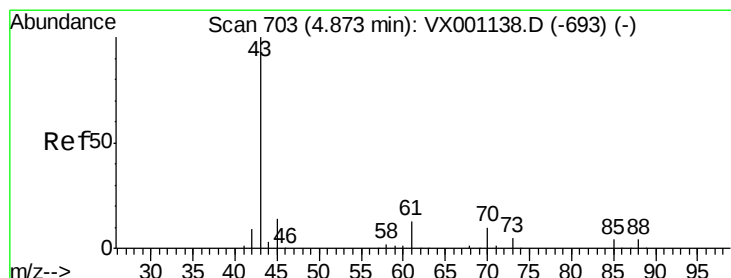
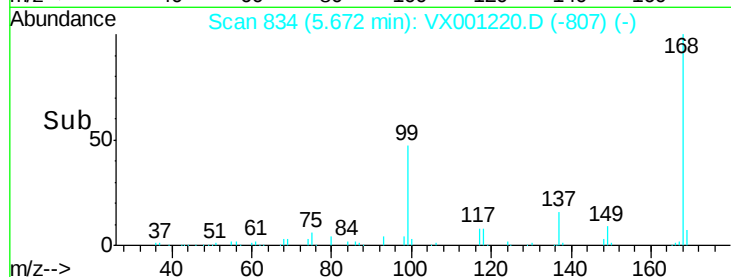
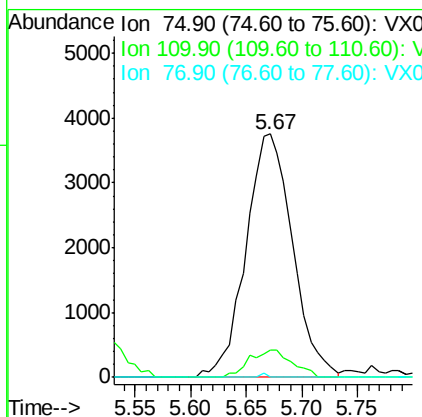
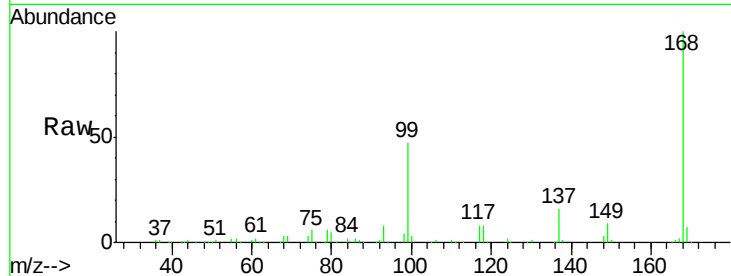




#36
 1,1-Dichloropropene
 Concen: 4.07 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001220.D
 Acq: 28 Apr 2018 18:04

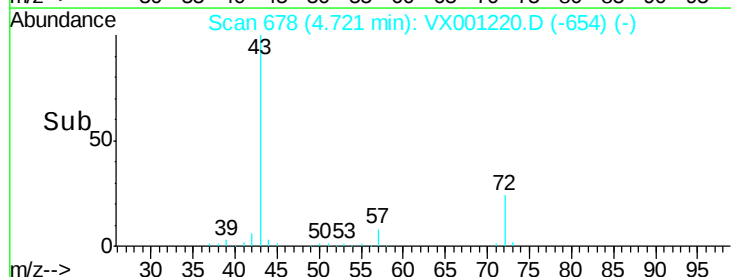
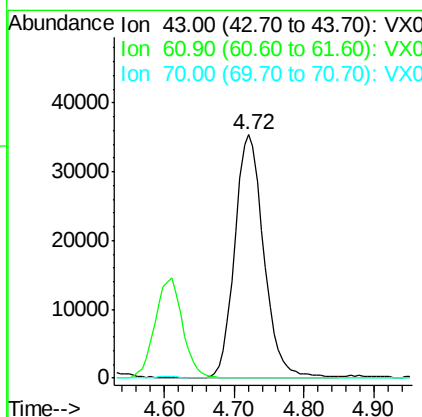
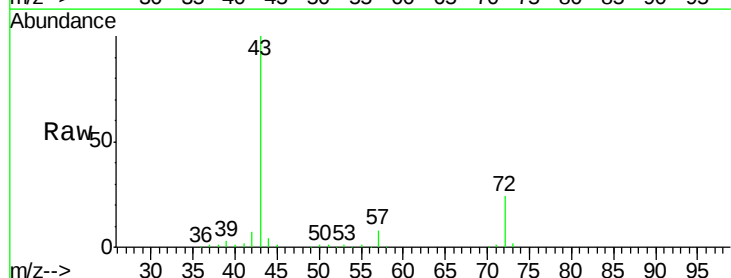
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0471-180423

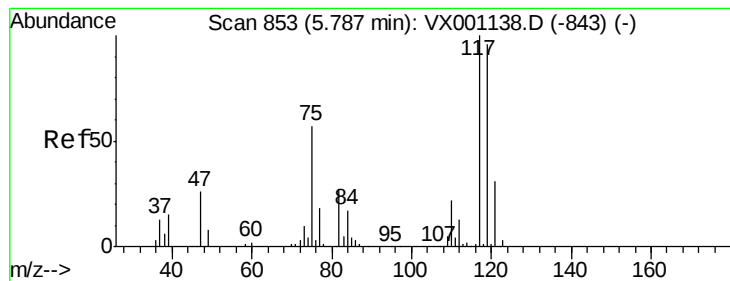
Tgt Ion: 75 Resp: 10932
 Ion Ratio Lower Upper
 75 100
 110 10.4 19.0 57.0#
 77 0.2 24.8 37.2#



#37
 Ethyl Acetate
 Concen: 31.80 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.15 min
 Lab File: VX001220.D
 Acq: 28 Apr 2018 18:04

Tgt Ion: 43 Resp: 102205
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.0 16.6#
 70 0.2 8.2 12.2#





#38

Carbon Tetrachloride

Concen: 5.39 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

DUP-0471-180423

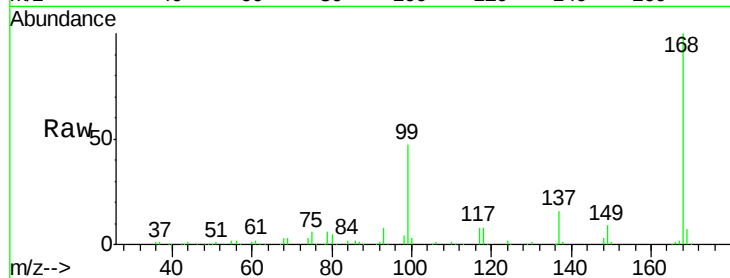
Tgt Ion:117 Resp: 14825

Ion Ratio Lower Upper

117 100

119 4.5 76.5 114.7#

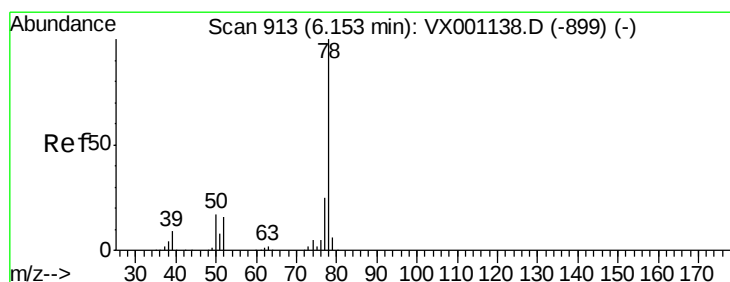
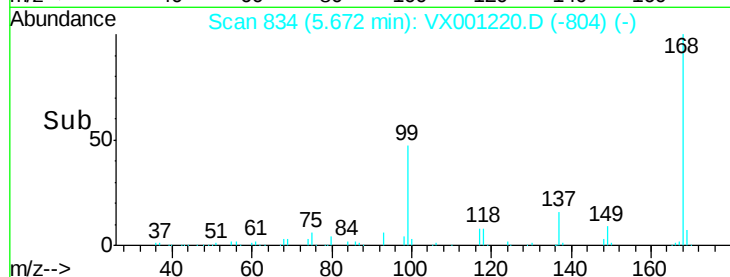
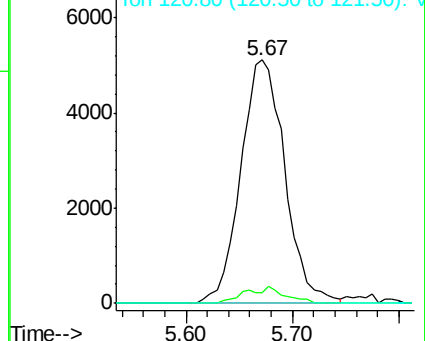
121 0.0 24.6 37.0#



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



#40

Benzene

Concen: 3.63 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX001220.D

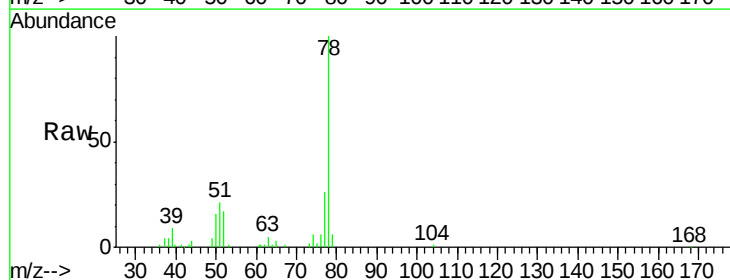
Acq: 28 Apr 2018 18:04

Tgt Ion: 78 Resp: 28154

Ion Ratio Lower Upper

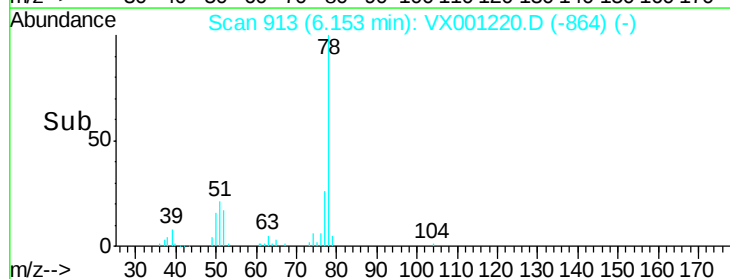
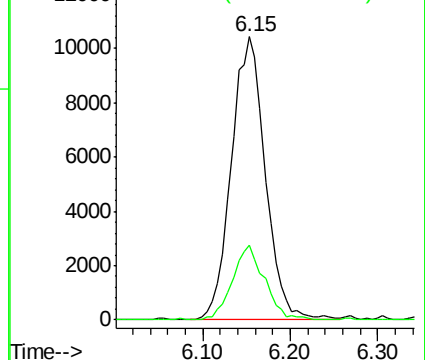
78 100

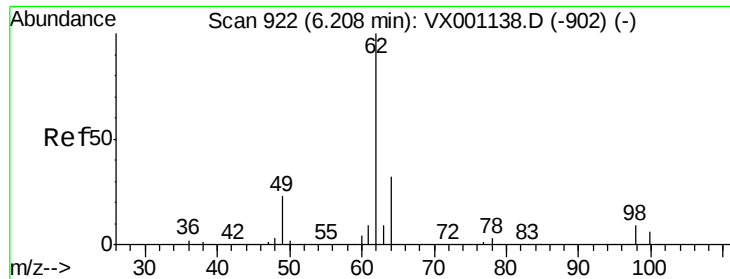
77 26.2 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 0.49 ug/l

RT: 6.21 min Scan# 923

Delta R.T. 0.01 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

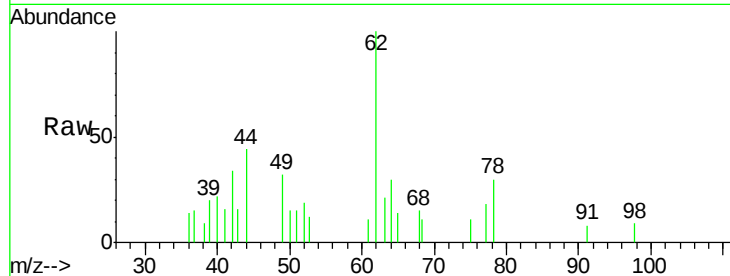
DUP-0471-180423

Tgt Ion: 62 Resp: 1540

Ion Ratio Lower Upper

62 100

98 6.2 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.21

600

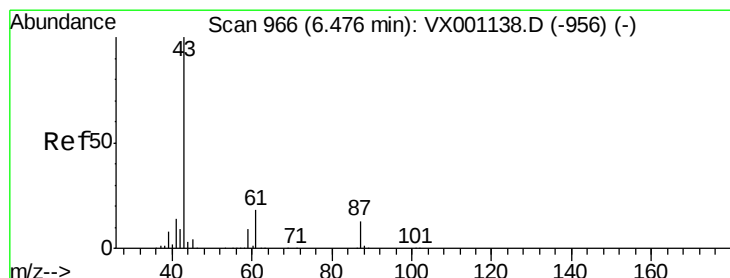
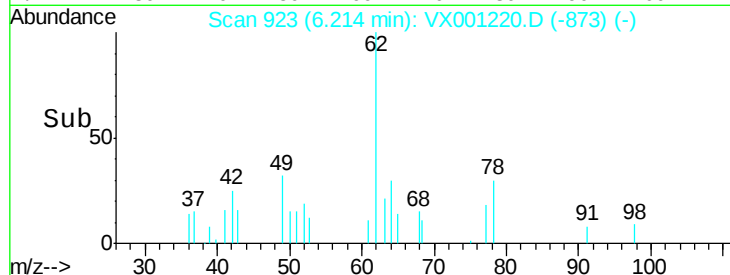
400

200

0

6.15 6.20 6.25 6.30

Time-->



#43

Isopropyl Acetate

Concen: 1.10 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

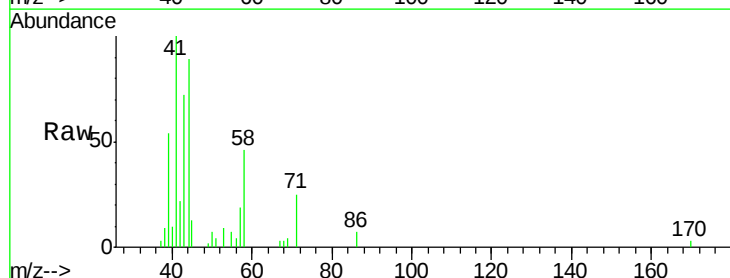
Tgt Ion: 43 Resp: 5555

Ion Ratio Lower Upper

43 100

61 0.0 15.0 22.6#

87 0.0 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.48

2000

1500

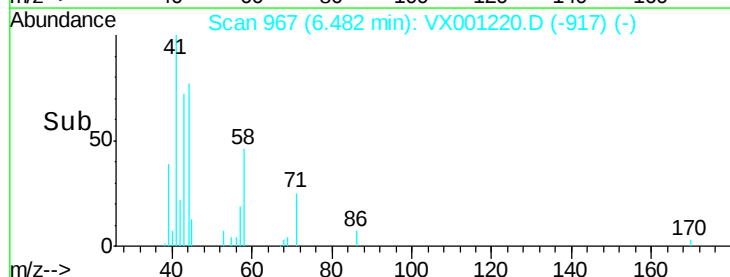
1000

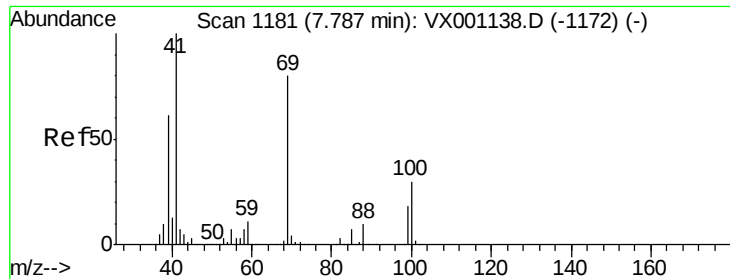
500

0

6.40 6.45 6.50 6.55

Time-->

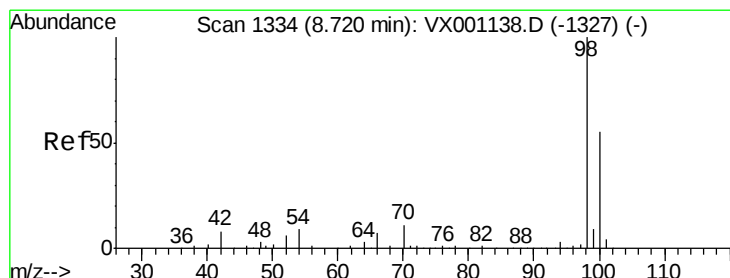
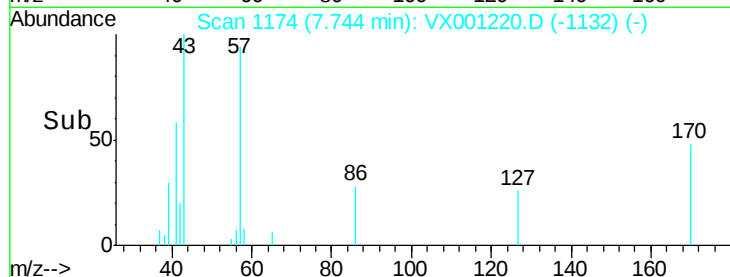
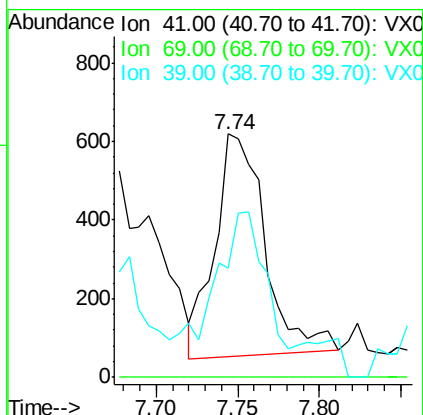
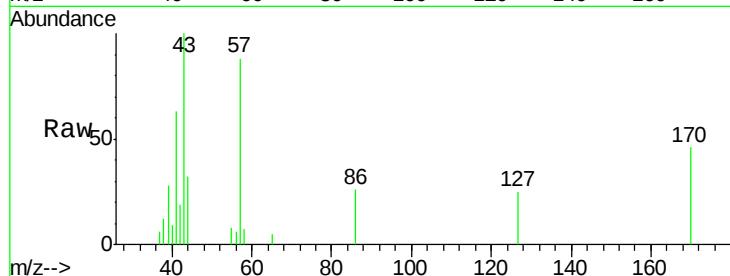




#48
Methyl methacrylate
Concen: 0.45 ug/l
RT: 7.74 min Scan# 1174
Delta R.T. -0.04 min
Lab File: VX001220.D
Acq: 28 Apr 2018 18:04

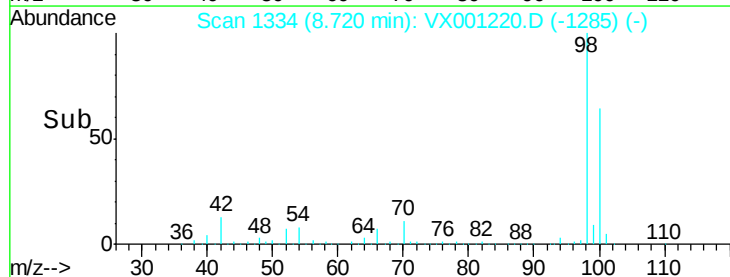
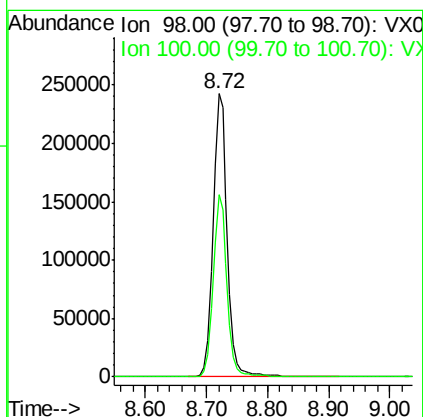
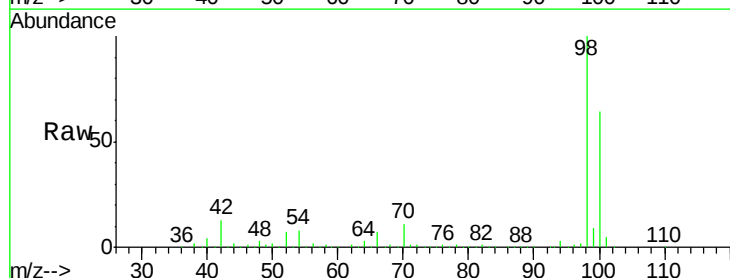
Instrument :
MSVOA_X
ClientSampleId :
DUP-0471-180423

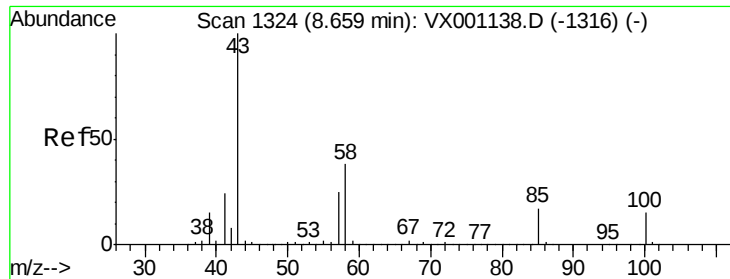
Tgt Ion: 41 Resp: 1214
Ion Ratio Lower Upper
41 100
69 0.0 62.4 93.6#
39 50.9 48.7 73.1



#50
Toluene-d8
Concen: 52.13 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001220.D
Acq: 28 Apr 2018 18:04

Tgt Ion: 98 Resp: 396636
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 0.31 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

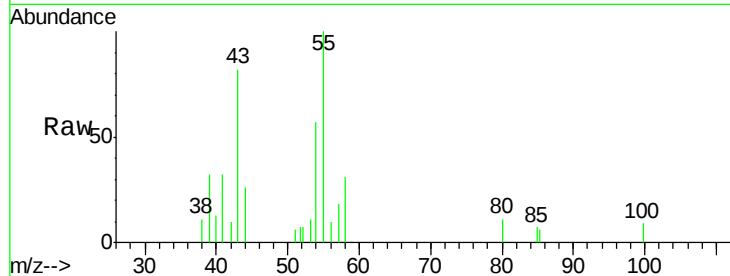
DUP-0471-180423

Tgt Ion: 43 Resp: 1017

Ion Ratio Lower Upper

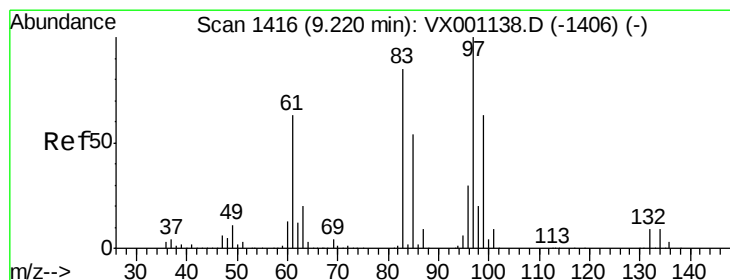
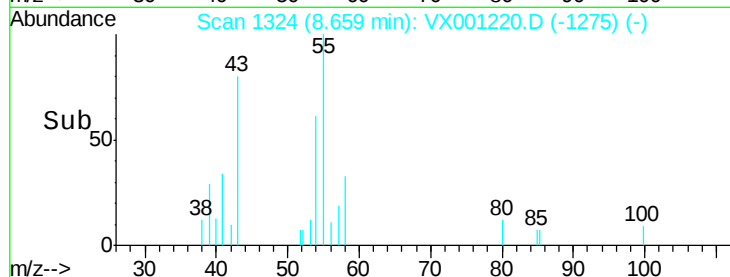
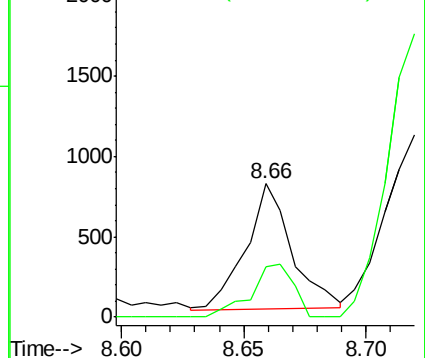
43 100

58 39.6 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.38 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Tgt Ion: 97 Resp: 811

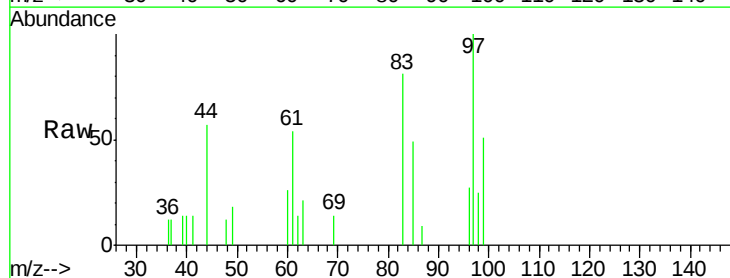
Ion Ratio Lower Upper

97 100

83 80.9 68.0 102.0

85 49.0 42.9 64.3

99 51.3 50.3 75.5

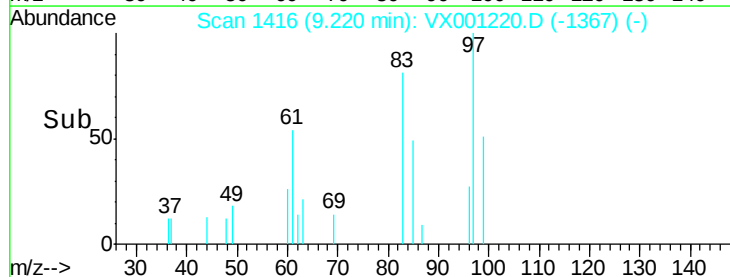
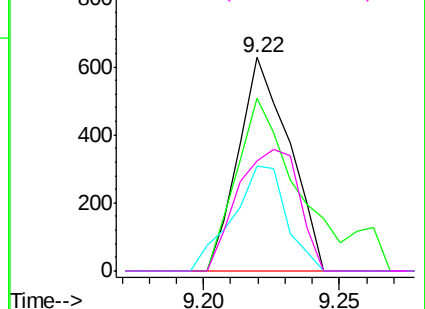


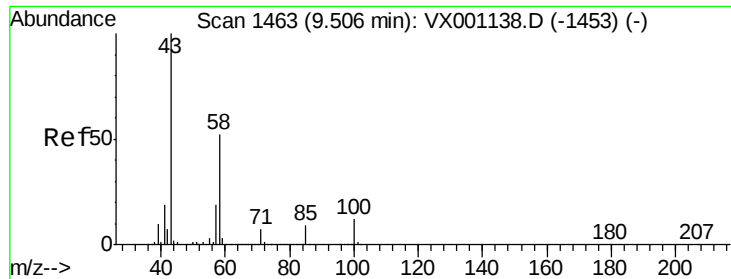
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

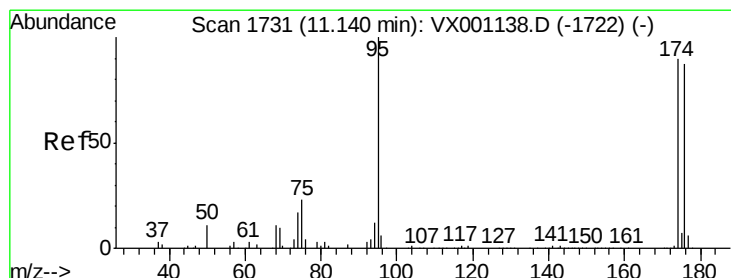
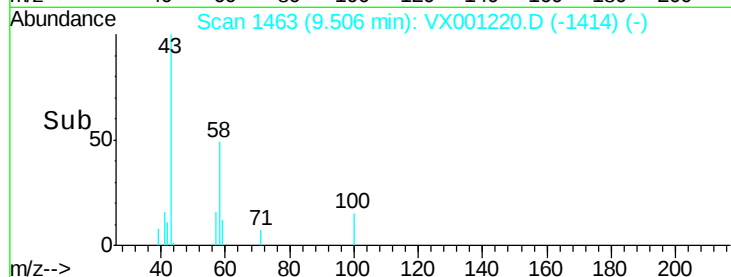
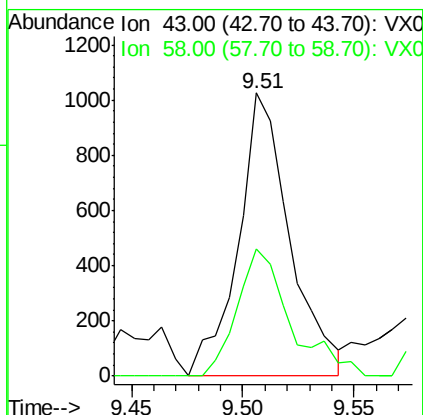
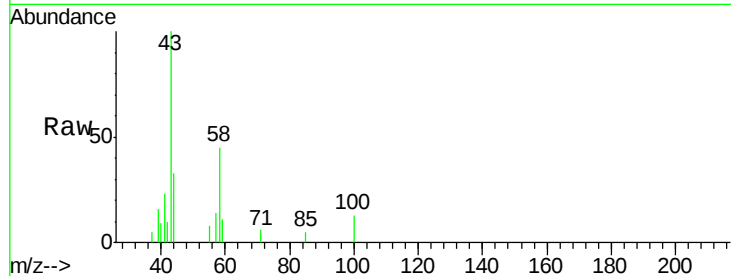




#59
2-Hexanone
Concen: 0.64 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001220.D
Acq: 28 Apr 2018 18:04

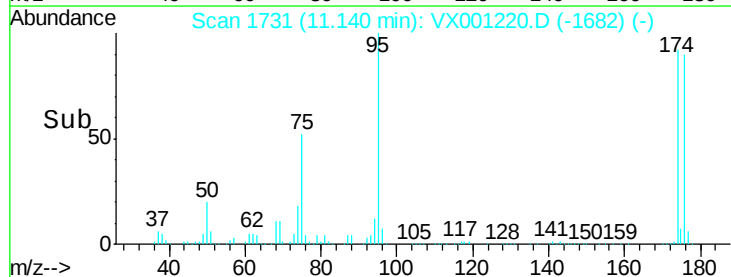
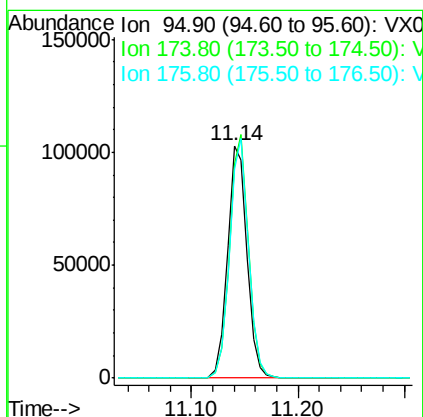
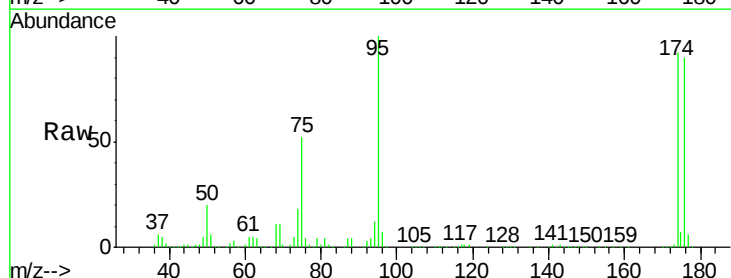
Instrument :
MSVOA_X
ClientSampleId :
DUP-0471-180423

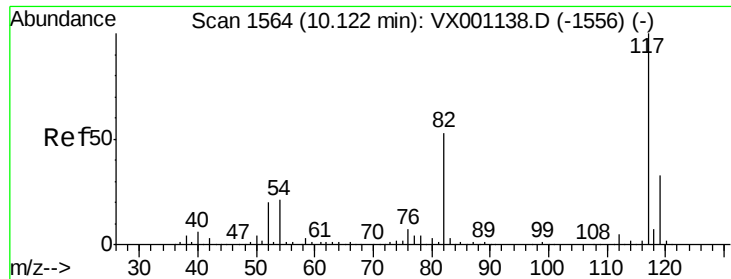
Tgt Ion: 43 Resp: 1658
Ion Ratio Lower Upper
43 100
58 46.4 25.8 77.4



#62
4-Bromofluorobenzene
Concen: 44.27 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001220.D
Acq: 28 Apr 2018 18:04

Tgt Ion: 95 Resp: 131577
Ion Ratio Lower Upper
95 100
174 101.7 0.0 194.4
176 100.5 0.0 190.2

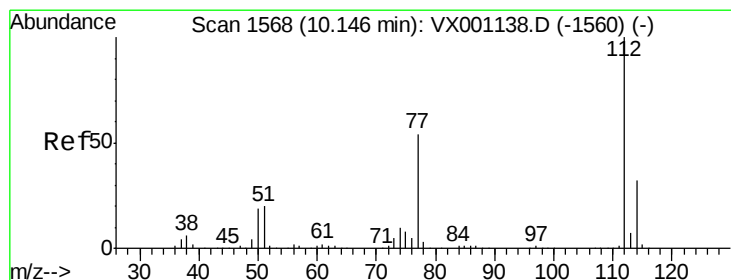
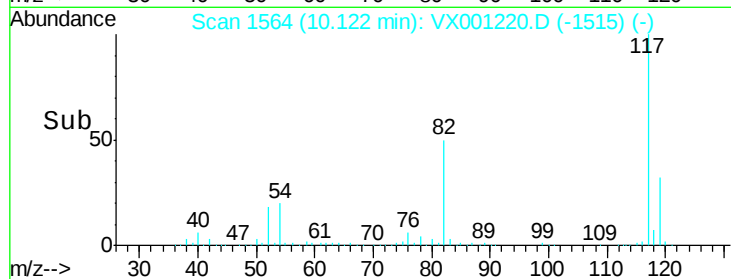
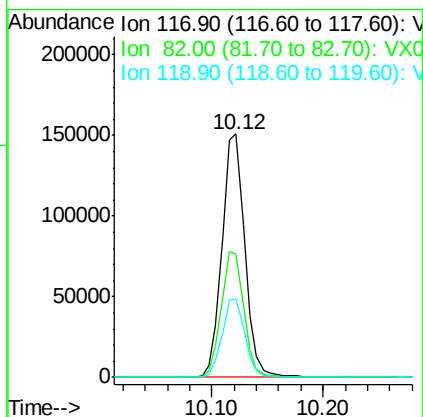
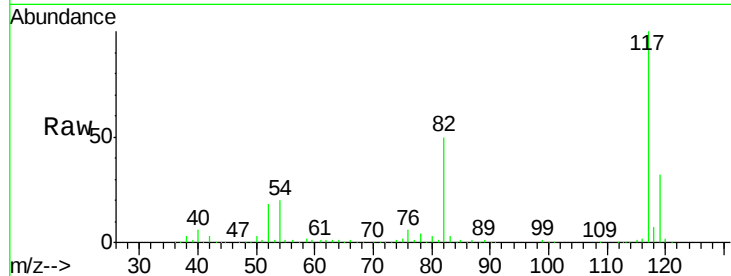




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001220.D
Acq: 28 Apr 2018 18:04

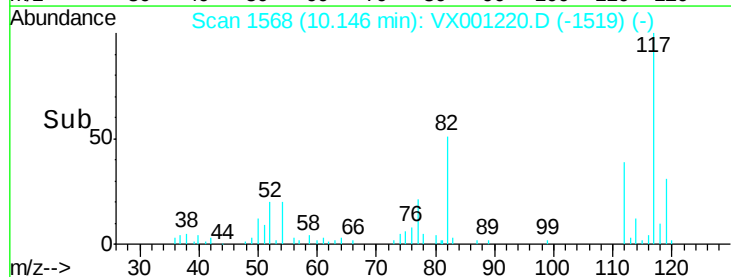
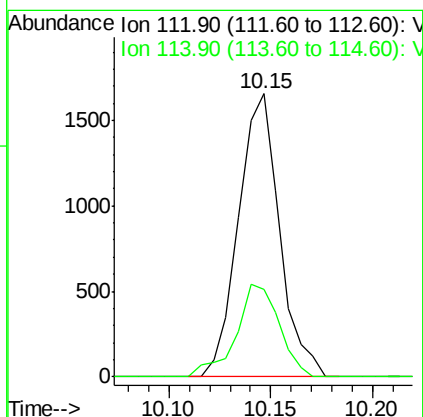
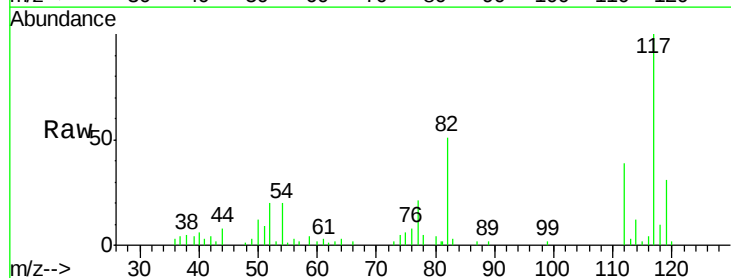
Instrument :
MSVOA_X
ClientSampleId :
DUP-0471-180423

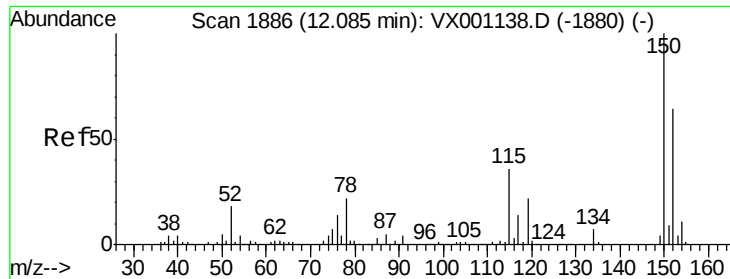
Tgt Ion:117 Resp: 214599
Ion Ratio Lower Upper
117 100
82 50.4 42.1 63.1
119 32.5 26.1 39.1



#65
Chlorobenzene
Concen: 0.41 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001220.D
Acq: 28 Apr 2018 18:04

Tgt Ion:112 Resp: 2318
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

DUP-0471-180423

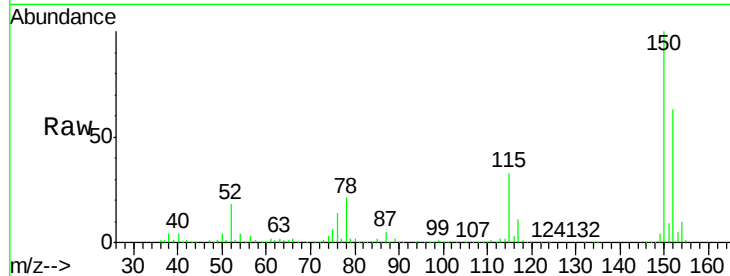
Tgt Ion:152 Resp: 116378

Ion Ratio Lower Upper

152 100

115 52.3 38.0 114.0

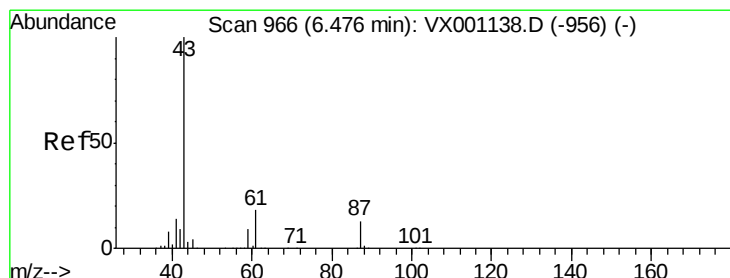
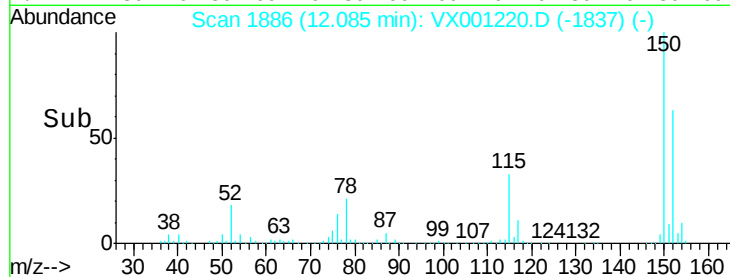
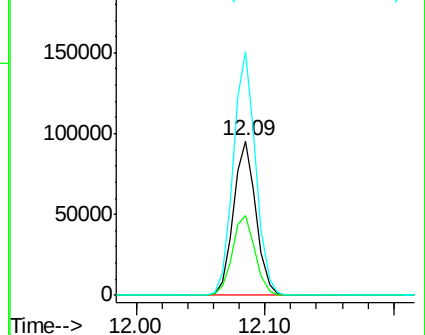
150 157.6 0.0 349.6



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



#74

N-ethyl acetate

Concen: 1.45 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Tgt Ion: 43 Resp: 5555

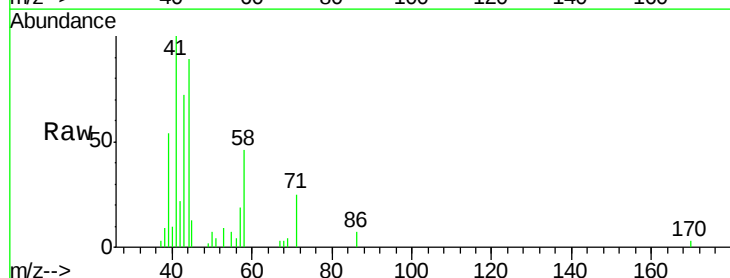
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 10.9 0.0 0.0#

61 0.0 15.0 22.6#

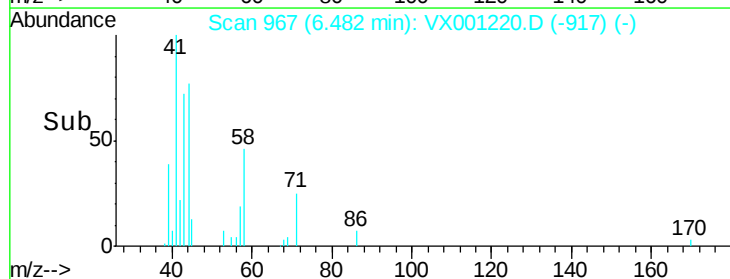
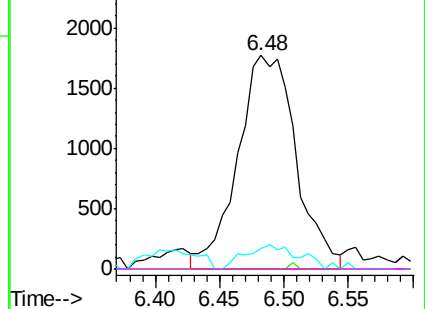


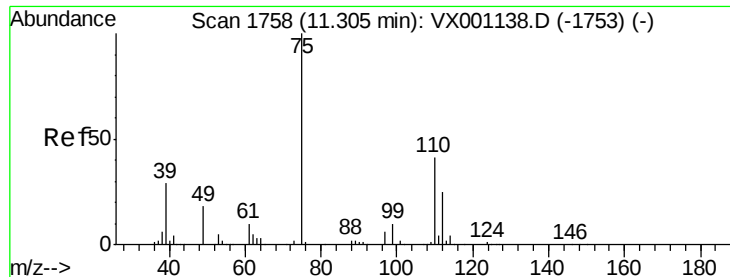
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 28.91 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

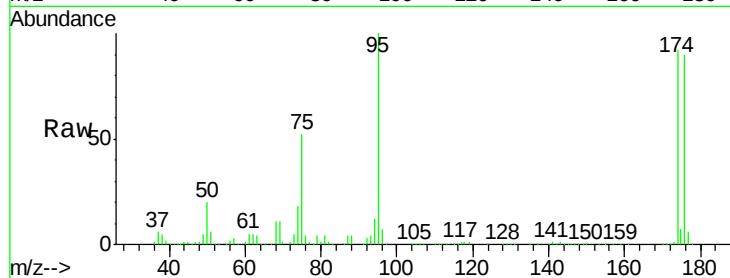
DUP-0471-180423

Tgt Ion: 75 Resp: 68511

Ion Ratio Lower Upper

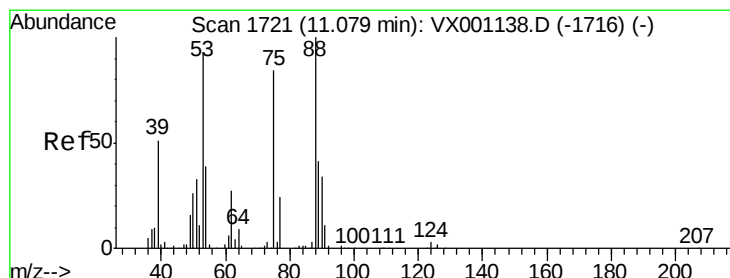
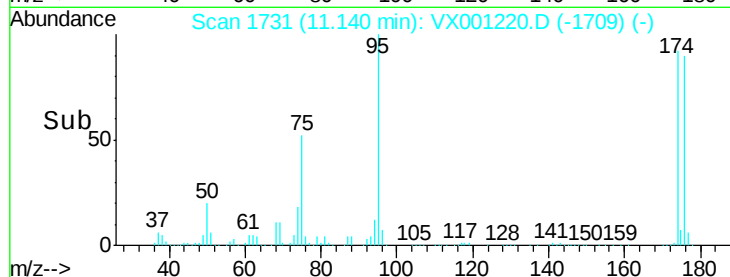
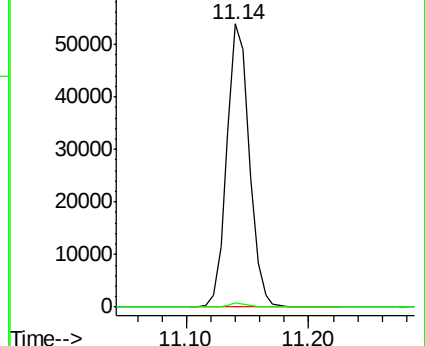
75 100

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: 87.60 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001220.D

Acq: 28 Apr 2018 18:04

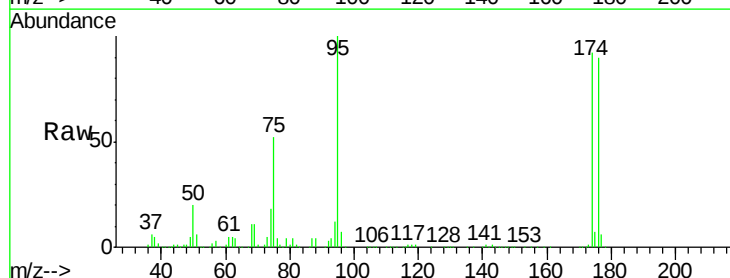
Tgt Ion: 75 Resp: 68511

Ion Ratio Lower Upper

75 100

53 0.1 87.9 131.9#

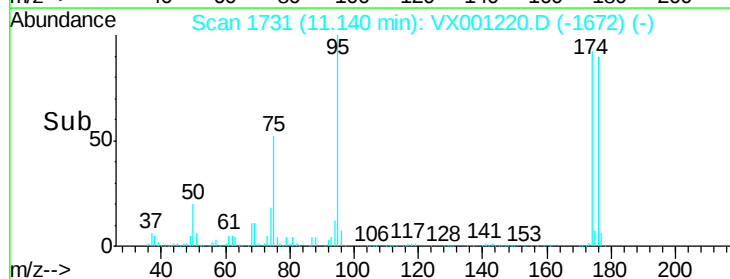
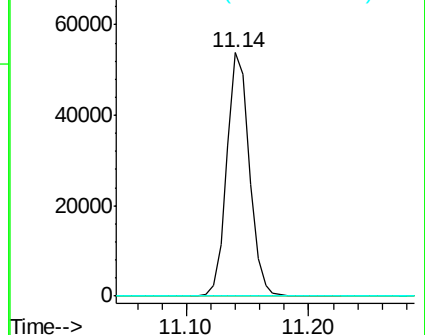
89 0.1 37.7 56.5#

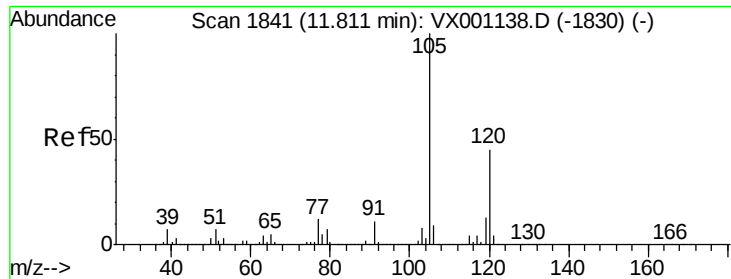


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

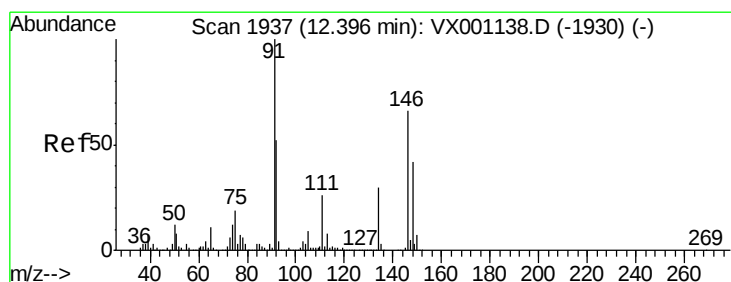
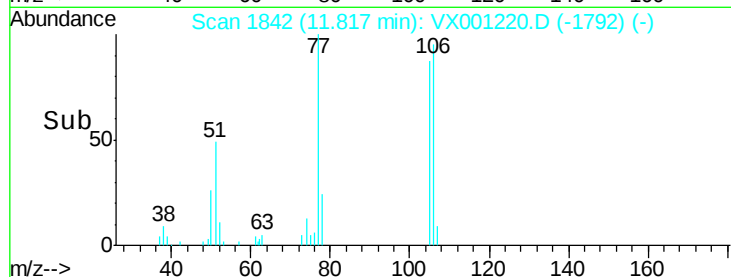
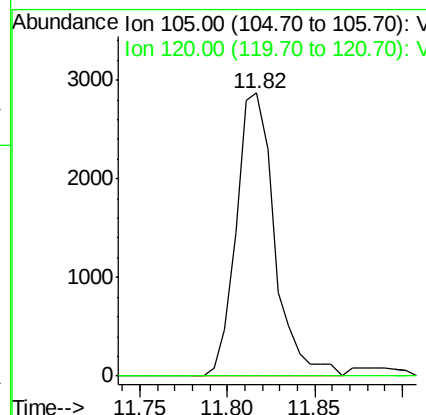
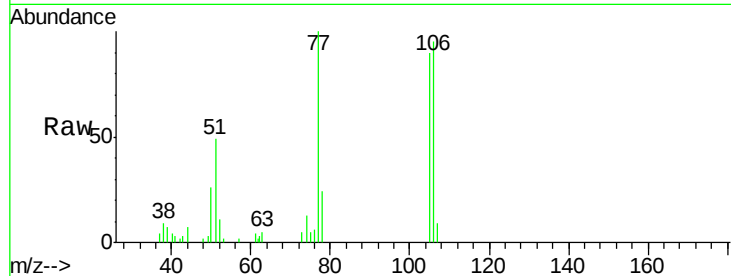




#84
 1,2,4-Trimethylbenzene
 Concen: 0.66 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX001220.D
 Acq: 28 Apr 2018 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0471-180423

Tgt Ion:105 Resp: 4361
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.4 67.3#



#91
 1,2-Dichlorobenzene
 Concen: 2.33 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001220.D
 Acq: 28 Apr 2018 18:04

Tgt Ion:146 Resp: 9507
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.3
 148 63.7 32.2 96.6

