

Data File : VX001222.D

Acq On : 28 Apr 2018 18:56

Operator : JC/MD

Sample : J2547-05

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 17 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180423

Quant Time: Apr 30 01:34:28 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	169554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	232957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	205270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	114319	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	125933	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	5.51	113	100007	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
50) Toluene-d8	8.72	98	365397	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.14	95	123216	43.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.70%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	36408	19.55	ug/l	98
4) Vinyl Chloride	1.40	62	4636	2.35	ug/l	99
5) Bromomethane	1.65	94	50090	41.05	ug/l	95
6) Chloroethane	1.73	64	748	0.60	ug/l #	72
10) Methyl Iodide	2.51	142	1883638	888.56	ug/l	98
11) Tert butyl alcohol	3.08	59	9167	17.69	ug/l #	94
13) Acrolein	2.30	56	549	2.80	ug/l #	45
14) Allyl chloride	2.71	41	15157	4.85	ug/l #	42
15) Acrylonitrile	3.16	53	515	0.47	ug/l	91
16) Acetone	2.45	43	683059	631.98	ug/l	100
17) Carbon Disulfide	2.57	76	13068	2.99	ug/l	97
18) Methyl Acetate	2.78	43	5167	1.91	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	2999	1.58	ug/l	96
24) 1,1-Dichloroethane	3.70	63	19528	5.94	ug/l	97
25) 2-Butanone	4.72	43	90607	56.03	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	23271	11.21	ug/l	91
31) Cyclohexane	5.68	56	3198	1.14	ug/l #	33
36) 1,1-Dichloropropene	5.67	75	10652	4.15	ug/l #	50
37) Ethyl Acetate	4.72	43	90607	29.47	ug/l #	69
38) Carbon Tetrachloride	5.67	117	14580	5.54	ug/l #	16
40) Benzene	6.15	78	23069	3.11	ug/l	96
42) 1,2-Dichloroethane	6.20	62	723	0.24	ug/l	86
43) Isopropyl Acetate	6.49	43	4407	0.91	ug/l #	62
48) Methyl methacrylate	7.76	41	1222	0.48	ug/l #	15
51) 4-Methyl-2-Pentanone	8.67	43	1051	0.33	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	679	0.33	ug/l #	81
59) 2-Hexanone	9.51	43	1369	0.55	ug/l	95
60) Dibromochloromethane	9.59	129	22	3.35	ug/l #	1
65) Chlorobenzene	10.15	112	3501	0.65	ug/l	95
71) Bromoform	10.87	173	46	4.97	ug/l #	28
74) N-amyl acetate	6.49	43	4407	1.17	ug/l #	58
76) 1,2,3-Trichloropropane	11.14	75	63393	27.23	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	63393	82.81	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.82	105	4268	0.66	ug/l #	31

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)
85) sec-Butylbenzene	11.82	105	4268	0.58	ug/l #	55
91) 1,2-Dichlorobenzene	12.40	146	7179	1.79	ug/l	96

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

Data File : VX001222.D

Acq On : 28 Apr 2018 18:56

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Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180423

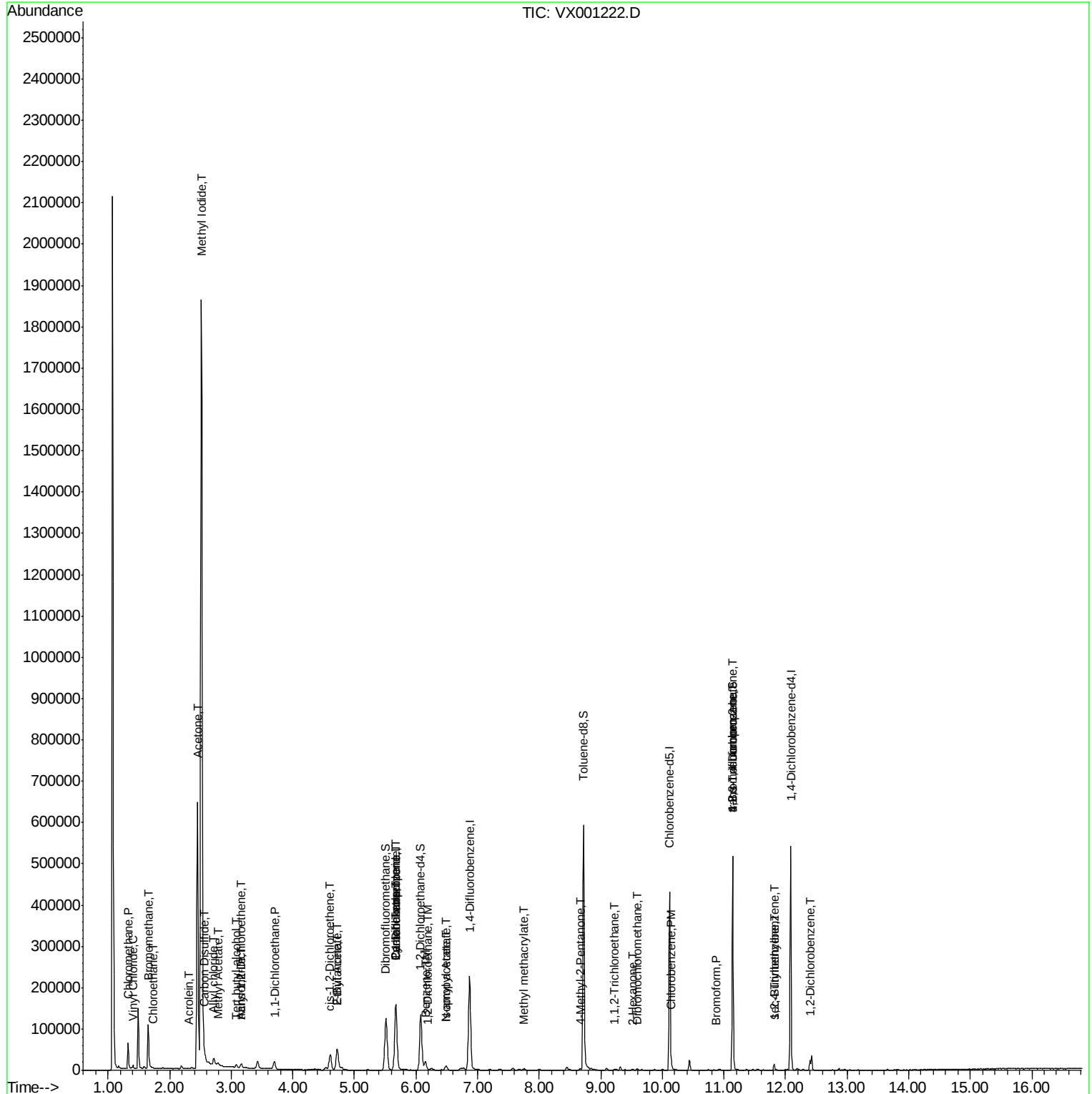
Quant Time: Apr 30 01:34:28 2018

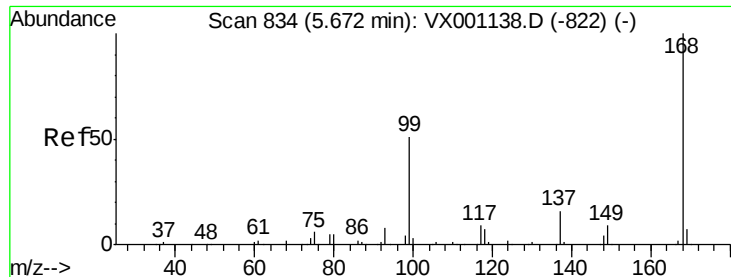
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

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: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

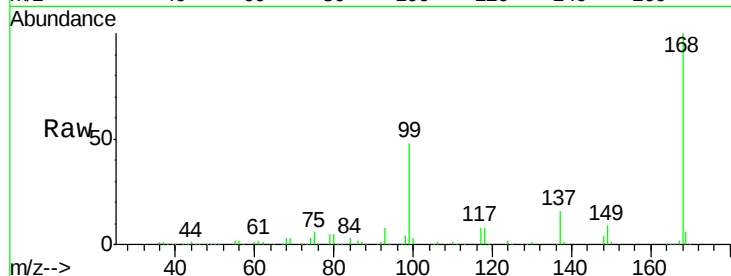
WP022RW349-180423

Tgt Ion:168 Resp: 169554

Ion Ratio Lower Upper

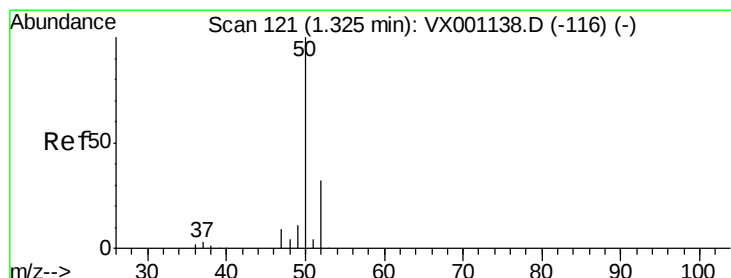
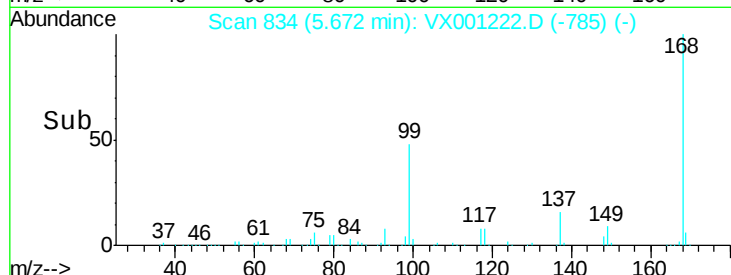
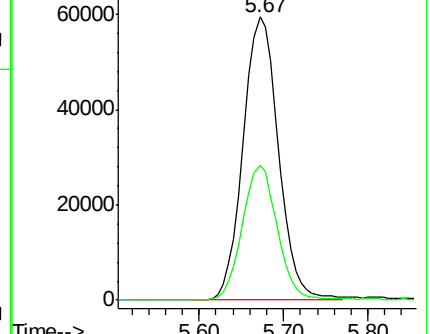
168 100

99 47.6 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: 19.55 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001222.D

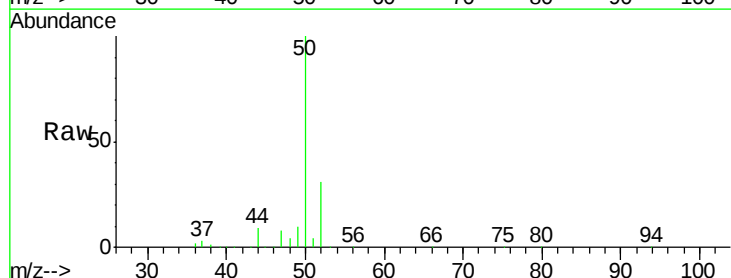
Acq: 28 Apr 2018 18:56

Tgt Ion: 50 Resp: 36408

Ion Ratio Lower Upper

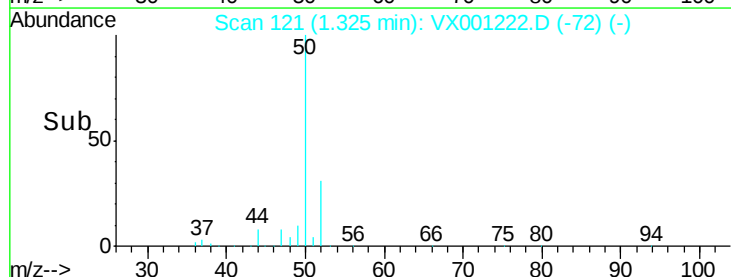
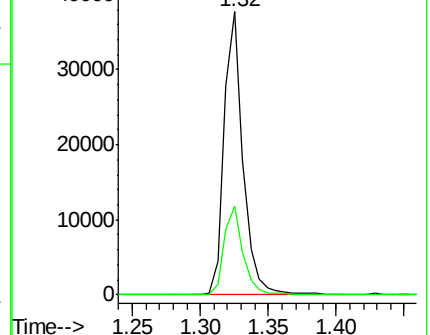
50 100

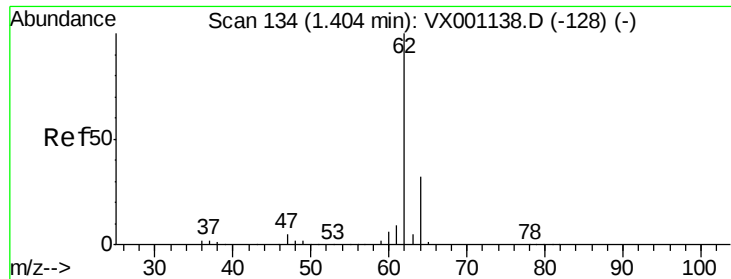
52 31.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 2.35 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

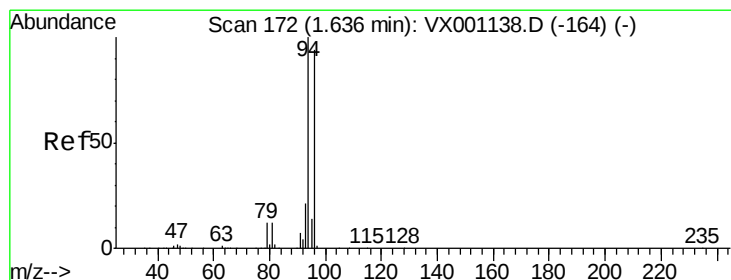
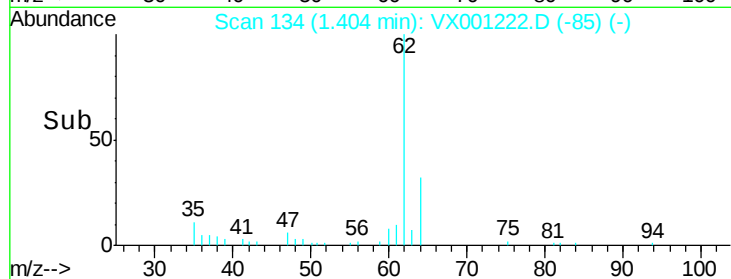
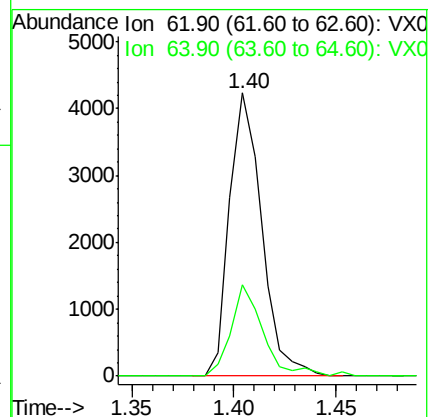
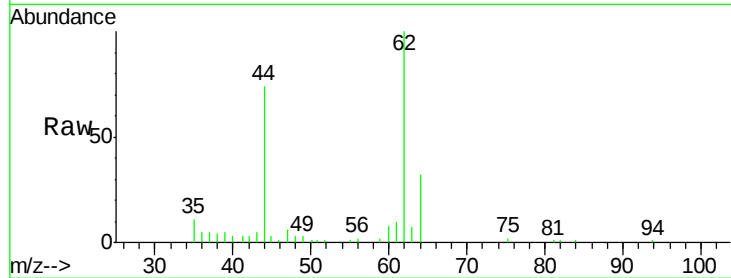
WP022RW349-180423

Tgt Ion: 62 Resp: 4636

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4



#5

Bromomethane

Concen: 41.05 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001222.D

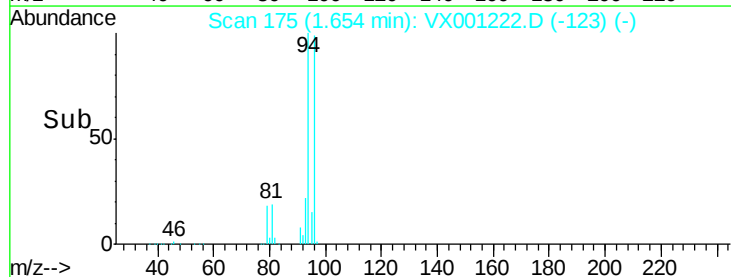
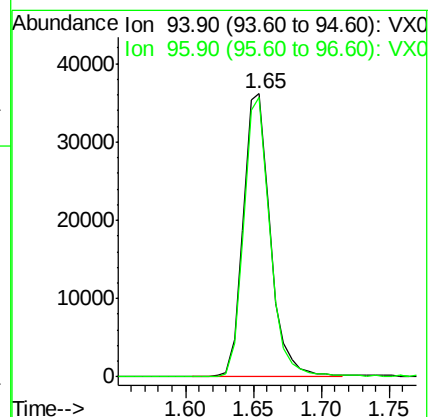
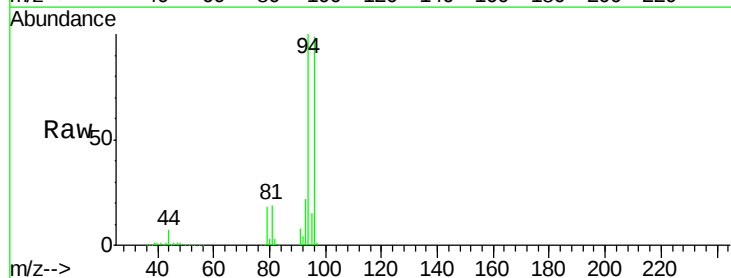
Acq: 28 Apr 2018 18:56

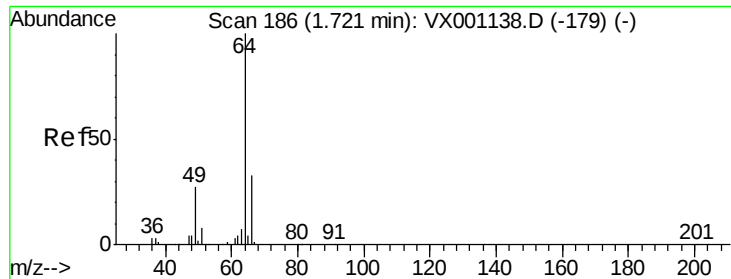
Tgt Ion: 94 Resp: 50090

Ion Ratio Lower Upper

94 100

96 98.5 75.3 112.9





#6

Chloroethane

Concen: 0.60 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

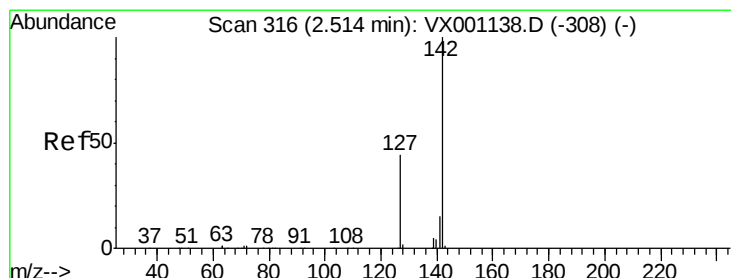
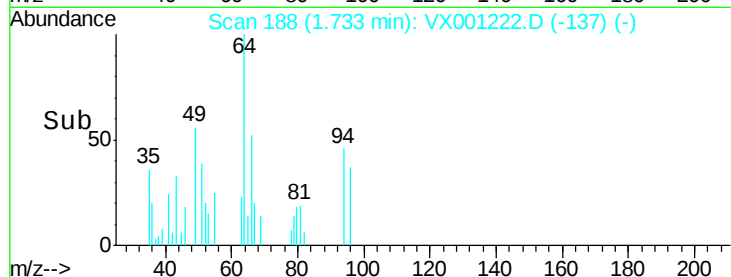
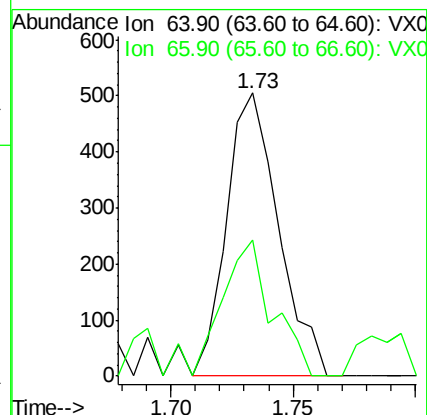
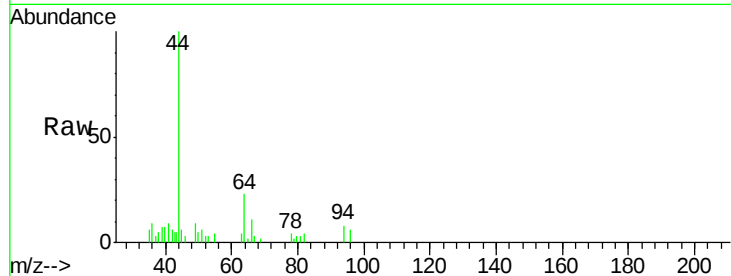
WP022RW349-180423

Tgt Ion: 64 Resp: 748

Ion Ratio Lower Upper

64 100

66 48.1 26.1 39.1#



#10

Methyl Iodide

Concen: 888.56 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

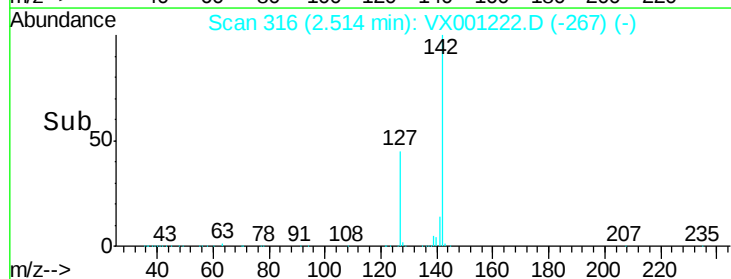
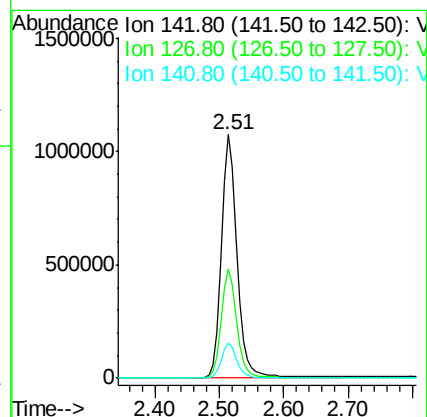
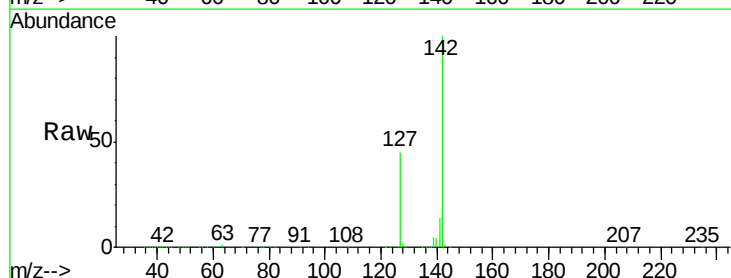
Tgt Ion:142 Resp: 1883638

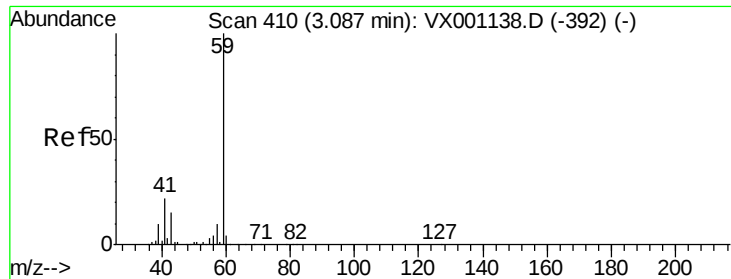
Ion Ratio Lower Upper

142 100

127 44.7 34.7 52.1

141 14.3 11.6 17.4



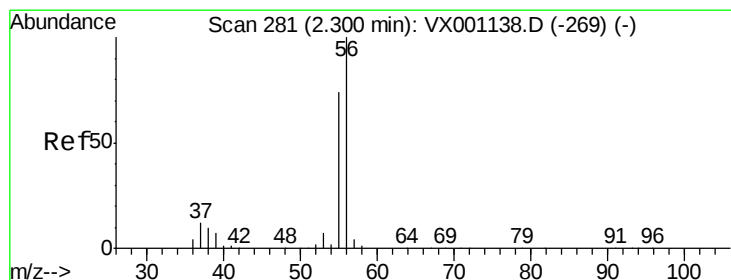
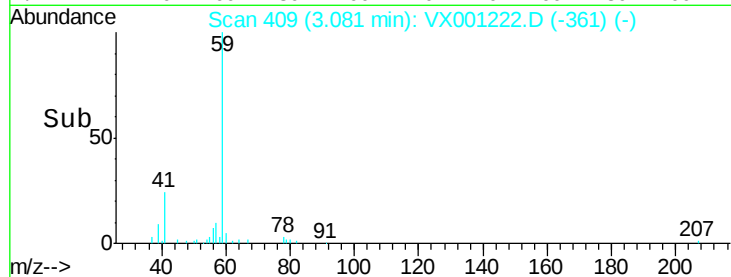
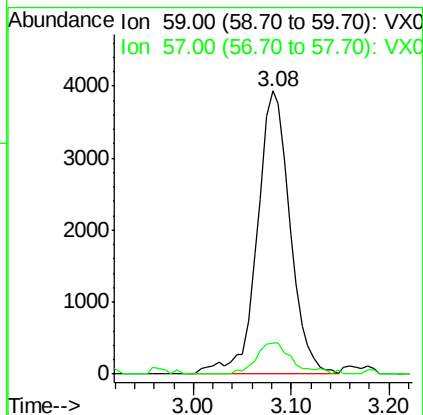
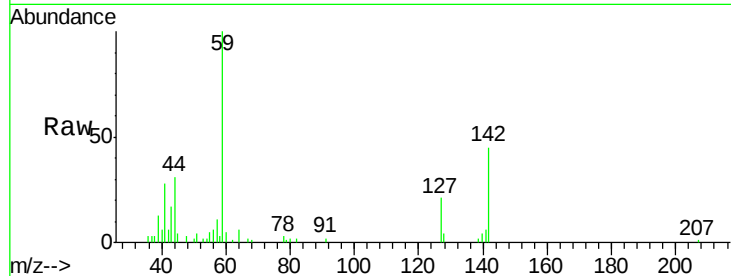


#11

Tert butyl alcohol
 Concen: 17.69 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001222.D
 Acq: 28 Apr 2018 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW349-180423

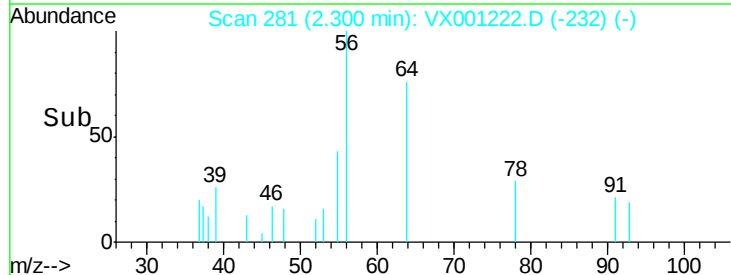
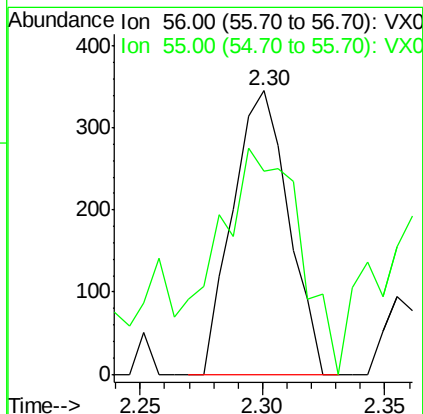
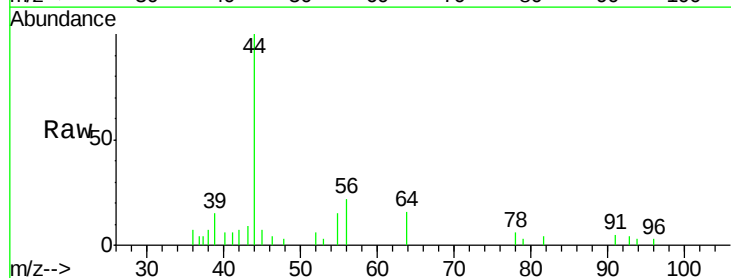
Tgt Ion: 59 Resp: 9167
 Ion Ratio Lower Upper
 59 100
 57 12.5 8.2 12.4#

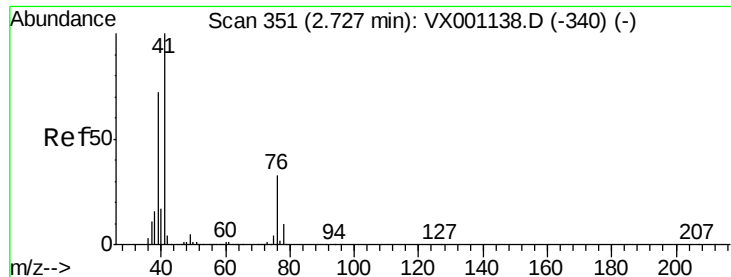


#13

Acrolein
 Concen: 2.80 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX001222.D
 Acq: 28 Apr 2018 18:56

Tgt Ion: 56 Resp: 549
 Ion Ratio Lower Upper
 56 100
 55 117.1 57.2 85.8#





#14

Allyl chloride

Concen: 4.85 ug/l

RT: 2.71 min Scan# 349

Delta R.T. -0.01 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

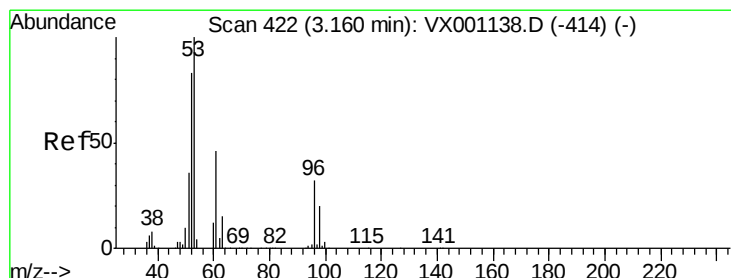
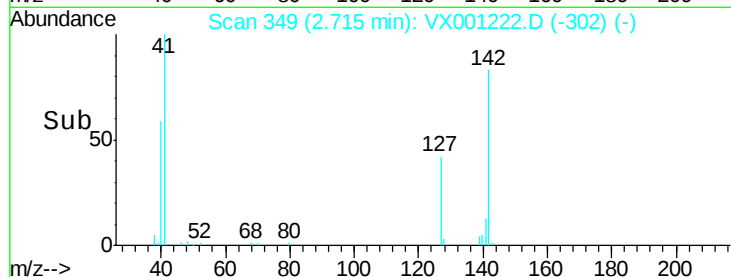
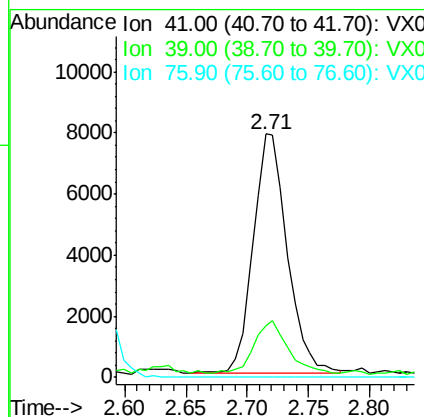
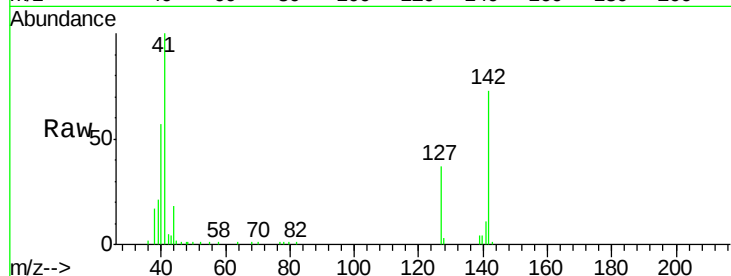
MSVOA_X

ClientSampleId :

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Tgt Ion: 41 Resp: 15157

Ion	Ratio	Lower	Upper
41	100		
39	21.4	55.6	83.4#
76	0.0	24.8	37.2#



#15

Acrylonitrile

Concen: 0.47 ug/l

RT: 3.16 min Scan# 422

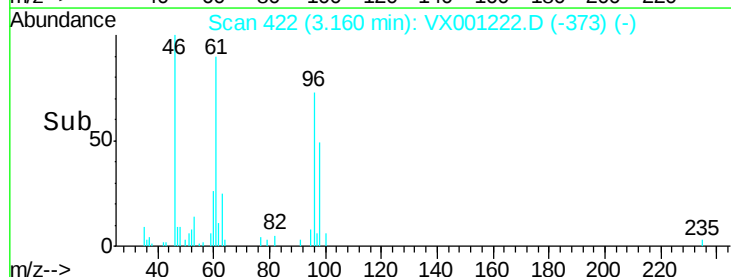
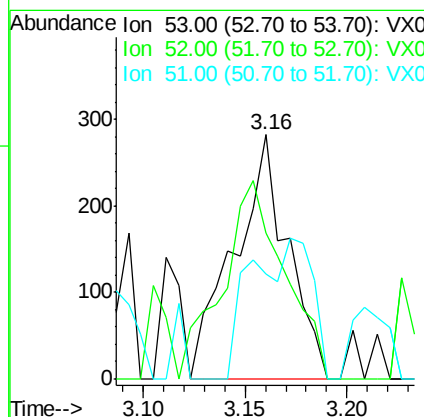
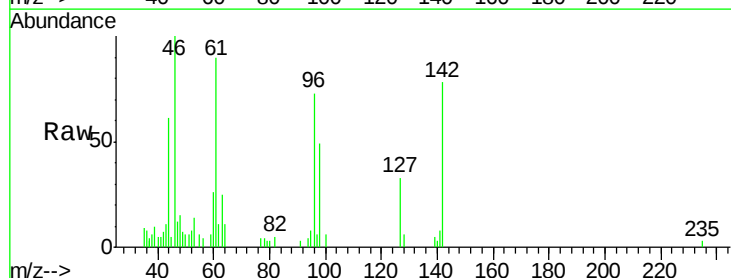
Delta R.T. 0.00 min

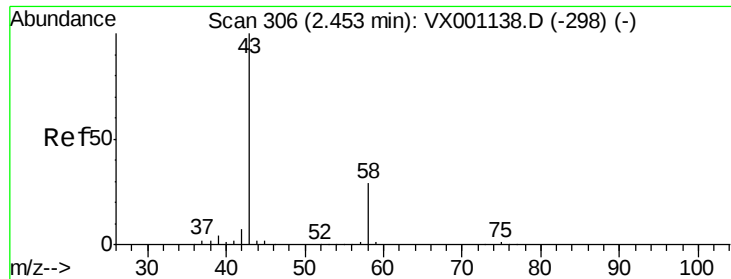
Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Tgt Ion: 53 Resp: 515

Ion	Ratio	Lower	Upper
53	100		
52	93.8	66.5	99.7
51	35.0	29.5	44.3





#16

Acetone

Concen: 631.98 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

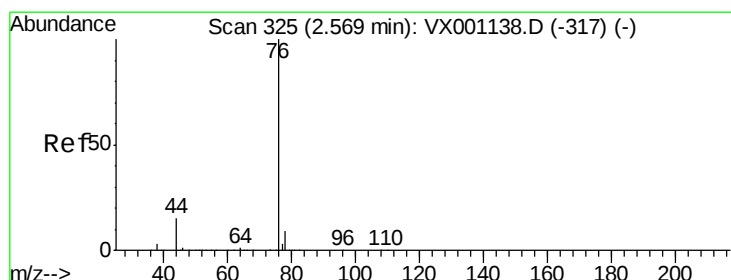
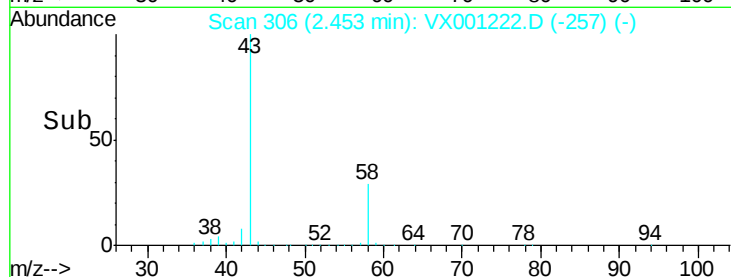
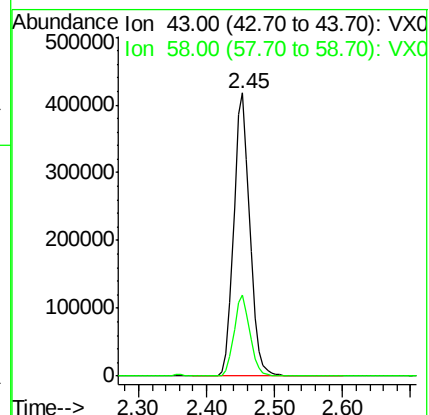
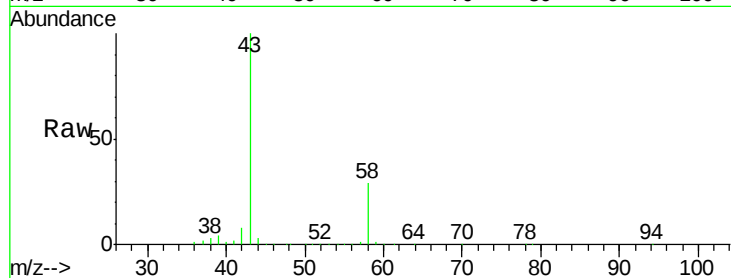
WP022RW349-180423

Tgt Ion: 43 Resp: 683059

Ion Ratio Lower Upper

43 100

58 28.6 23.0 34.6



#17

Carbon Disulfide

Concen: 2.99 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001222.D

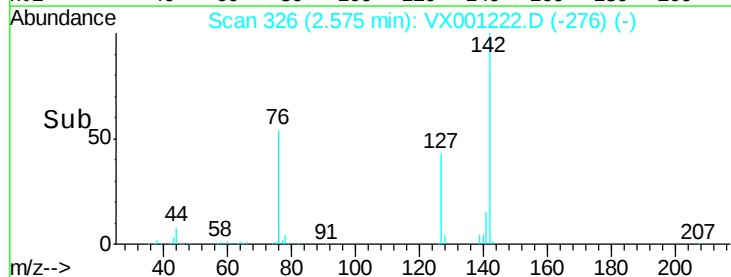
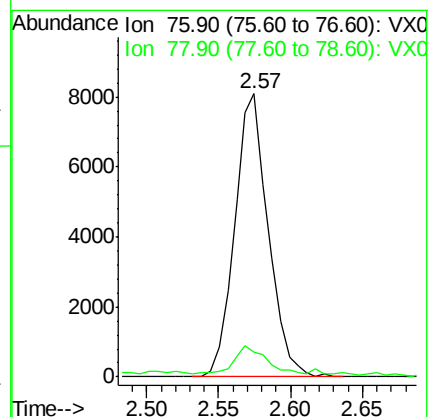
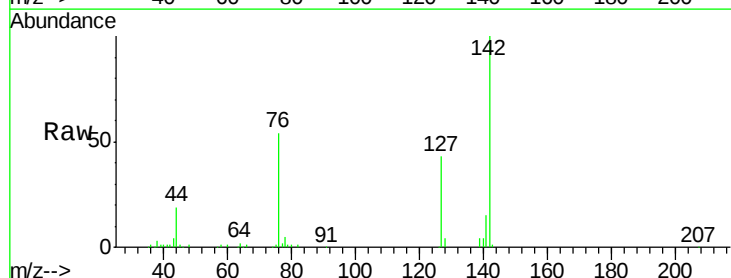
Acq: 28 Apr 2018 18:56

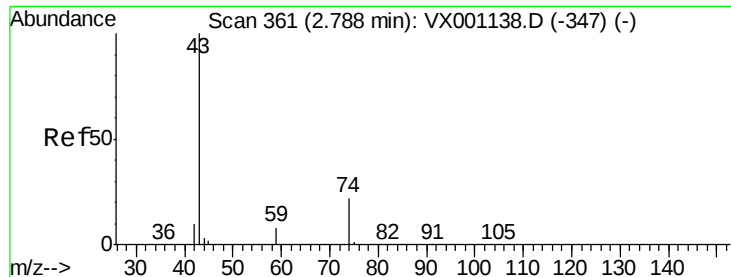
Tgt Ion: 76 Resp: 13068

Ion Ratio Lower Upper

76 100

78 7.9 7.3 10.9

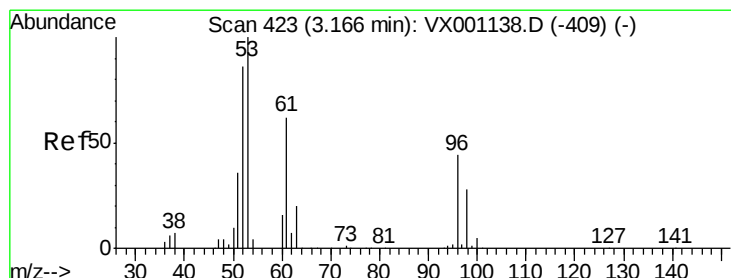
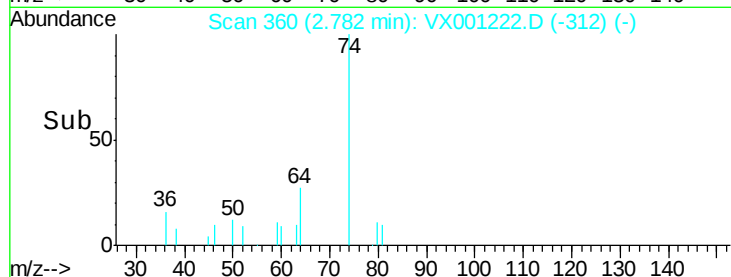
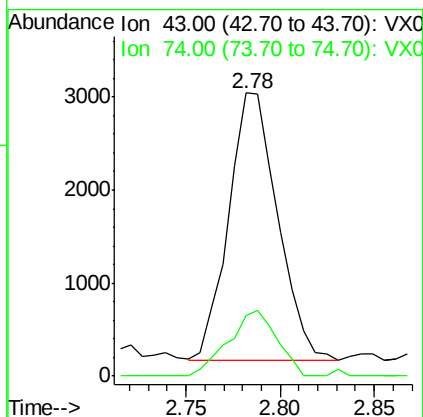
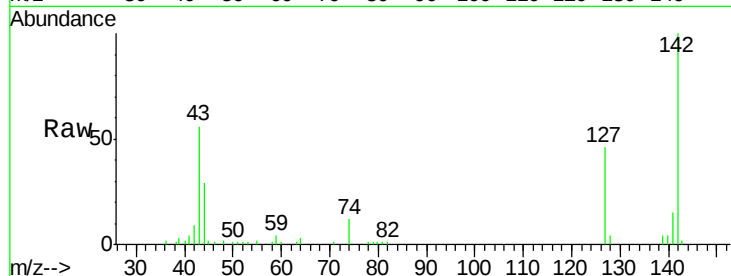




#18
Methyl Acetate
Concen: 1.91 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001222.D
Acq: 28 Apr 2018 18:56

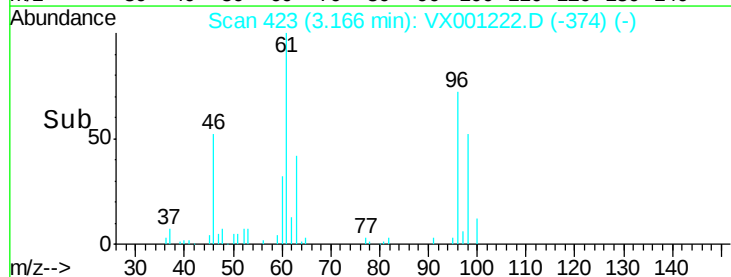
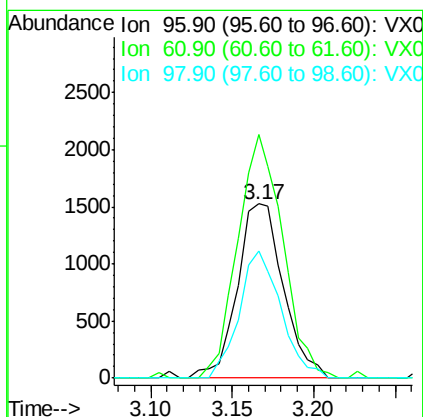
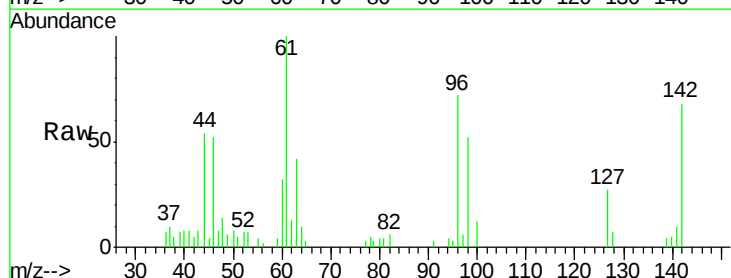
Instrument :
MSVOA_X
ClientSampleId :
WP022RW349-180423

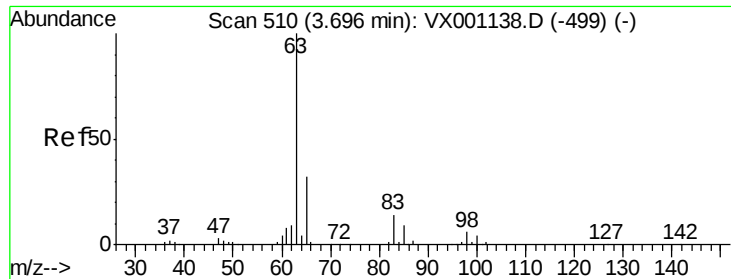
Tgt Ion: 43 Resp: 5167
Ion Ratio Lower Upper
43 100
74 24.2 18.1 27.1



#21
trans-1,2-Dichloroethene
Concen: 1.58 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX001222.D
Acq: 28 Apr 2018 18:56

Tgt Ion: 96 Resp: 2999
Ion Ratio Lower Upper
96 100
61 139.8 111.9 167.9
98 72.7 51.1 76.7





#24

1,1-Dichloroethane

Concen: 5.94 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180423

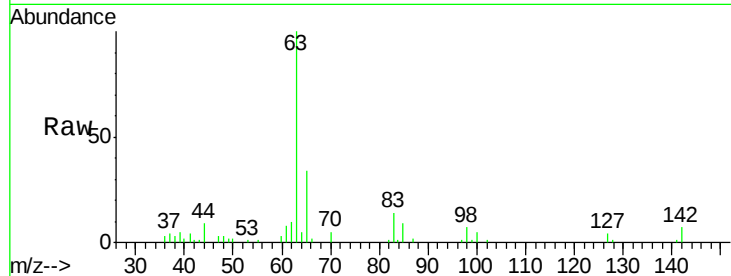
Tgt Ion: 63 Resp: 19528

Ion Ratio Lower Upper

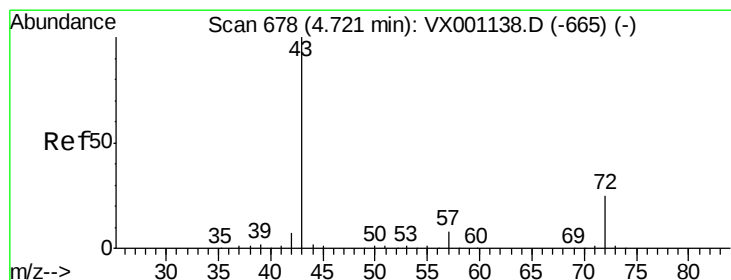
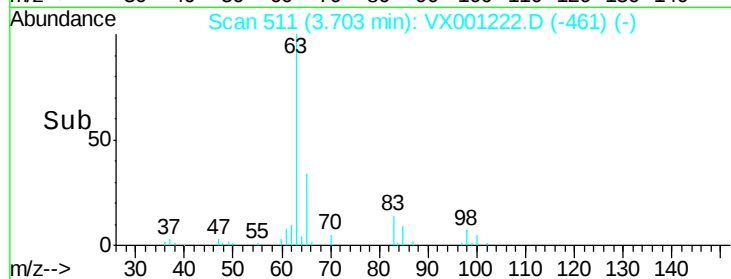
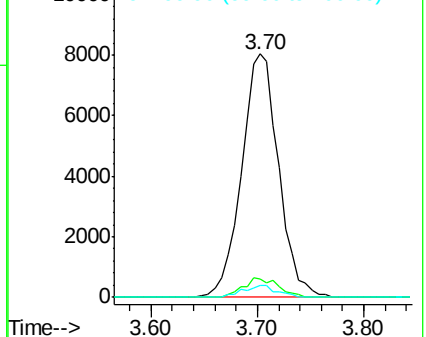
63 100

98 7.4 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: 56.03 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001222.D

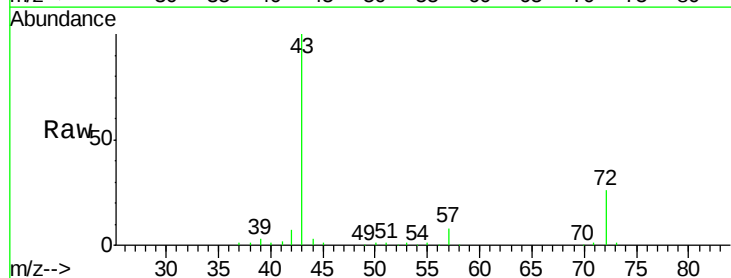
Acq: 28 Apr 2018 18:56

Tgt Ion: 43 Resp: 90607

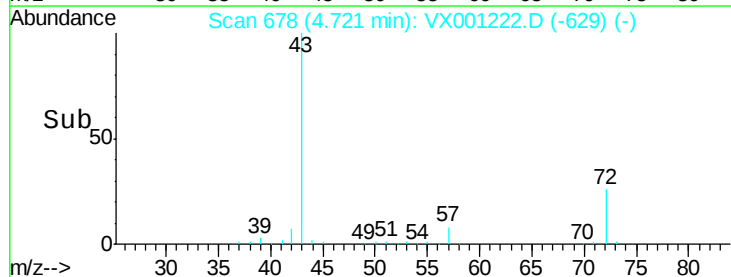
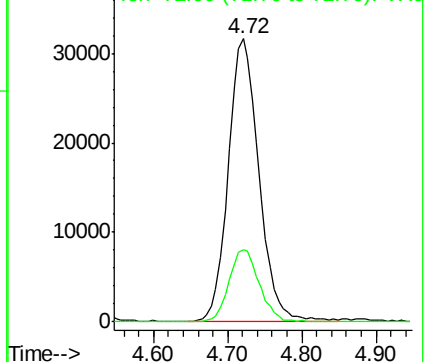
Ion Ratio Lower Upper

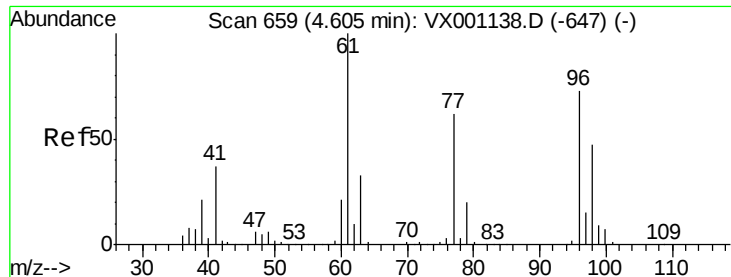
43 100

72 25.7 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: 11.21 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180423

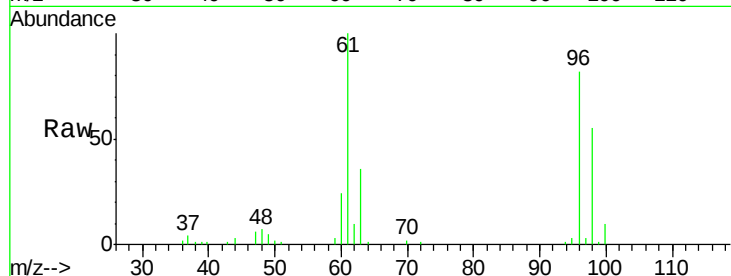
Tgt Ion: 96 Resp: 23271

Ion Ratio Lower Upper

96 100

61 128.6 0.0 289.0

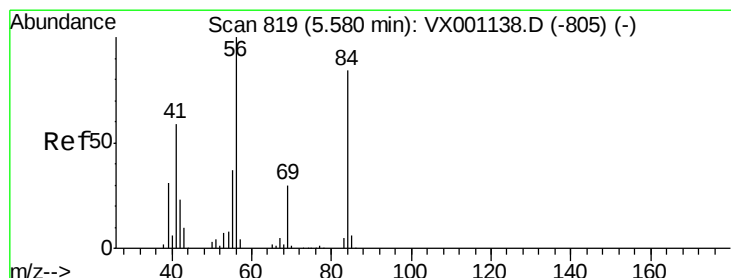
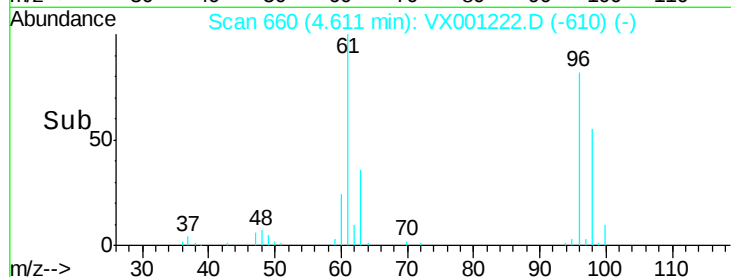
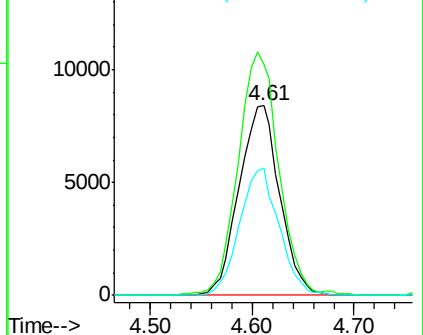
98 65.3 0.0 128.2



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



#31

Cyclohexane

Concen: 1.14 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.10 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

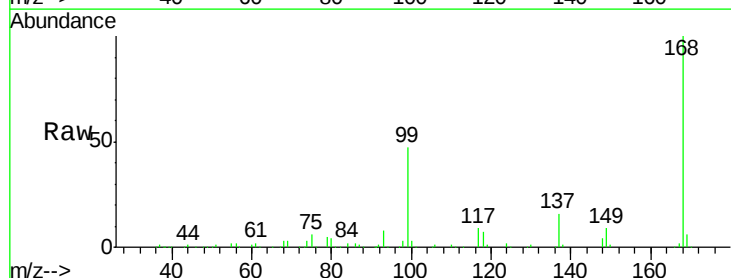
Tgt Ion: 56 Resp: 3198

Ion Ratio Lower Upper

56 100

69 149.5 24.2 36.2#

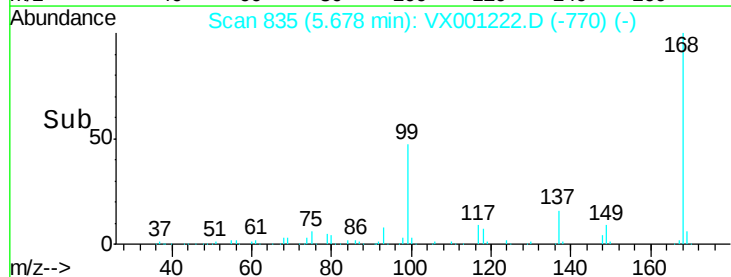
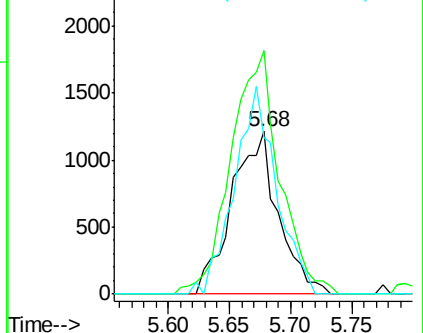
84 96.1 67.5 101.3

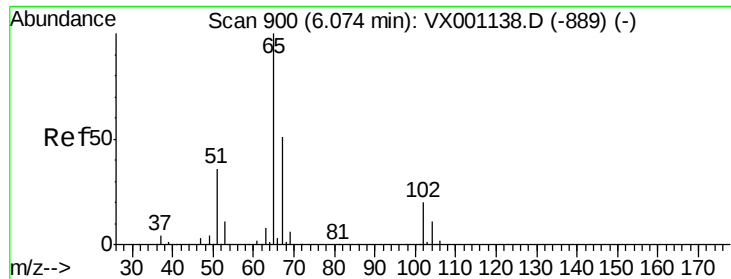


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.91 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

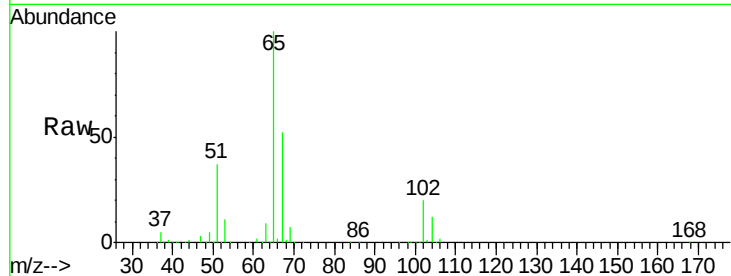
WP022RW349-180423

Tgt Ion: 65 Resp: 125933

Ion Ratio Lower Upper

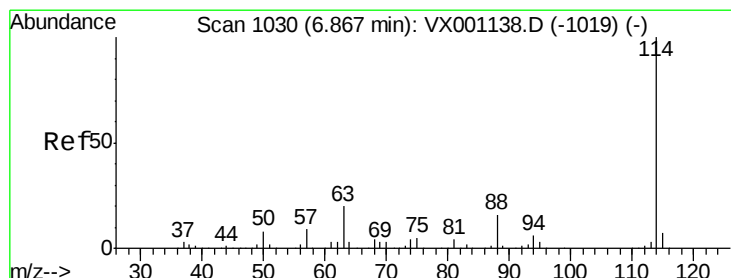
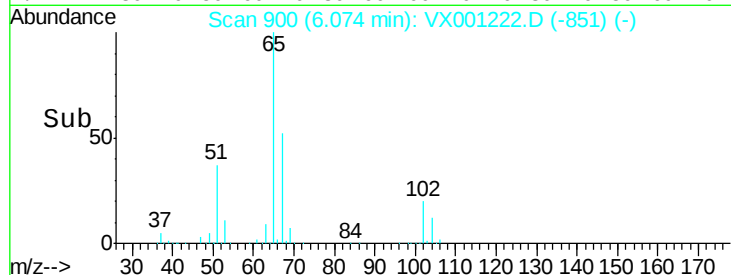
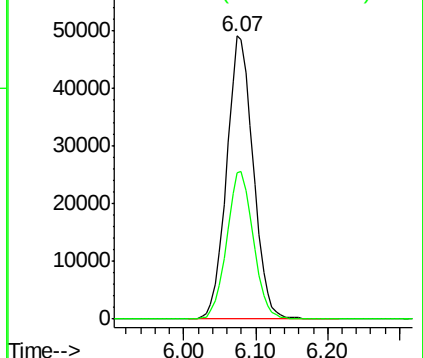
65 100

67 52.2 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: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

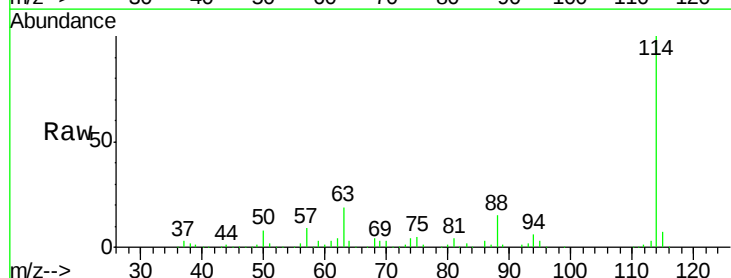
Tgt Ion: 114 Resp: 232957

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.4

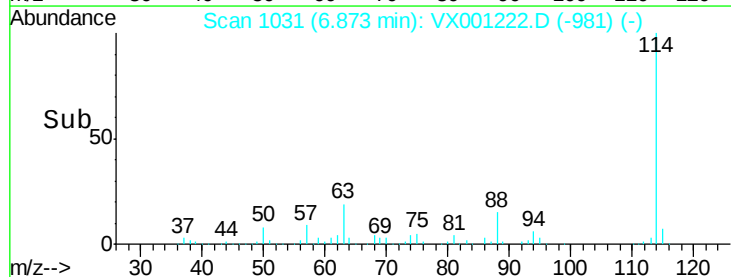
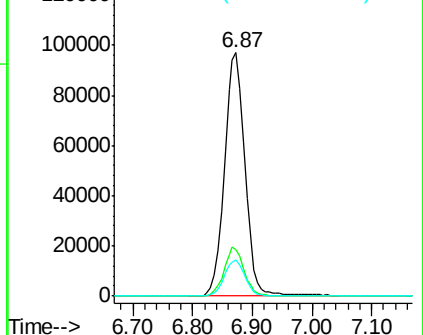
88 14.9 0.0 31.8

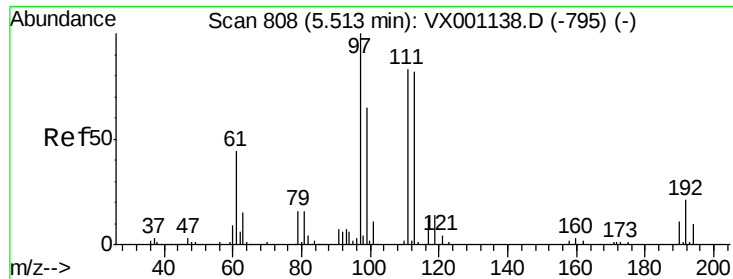


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

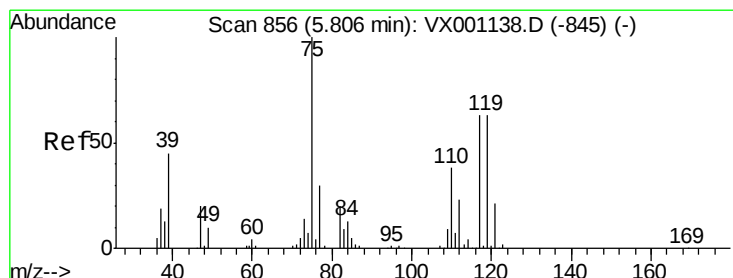
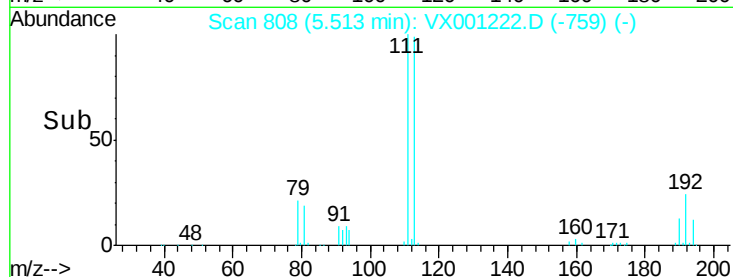
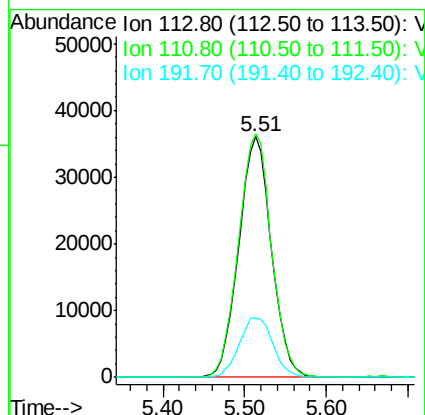
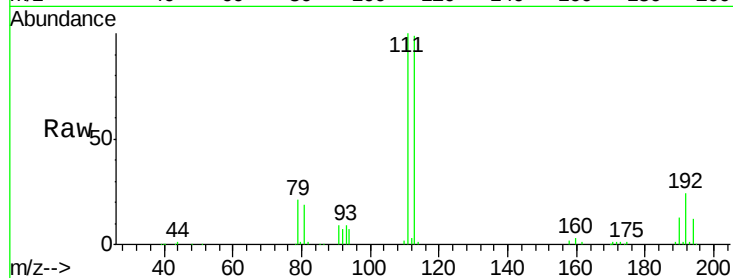




#35
 Dibromofluoromethane
 Concen: 51.87 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001222.D
 Acq: 28 Apr 2018 18:56

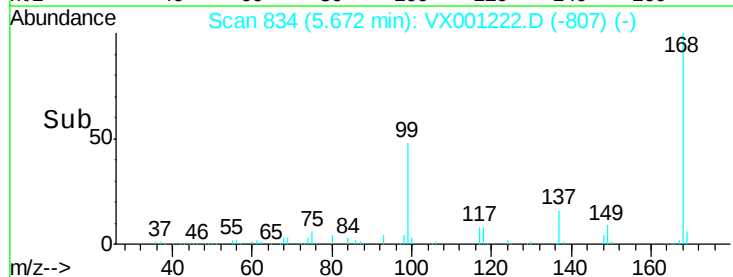
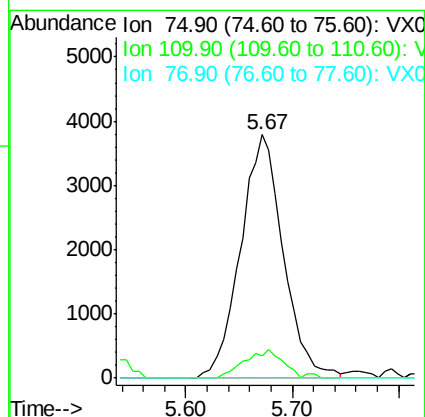
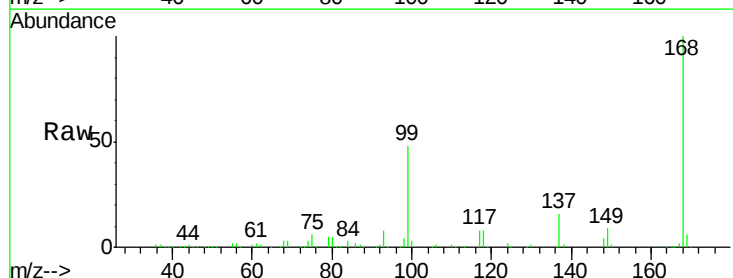
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW349-180423

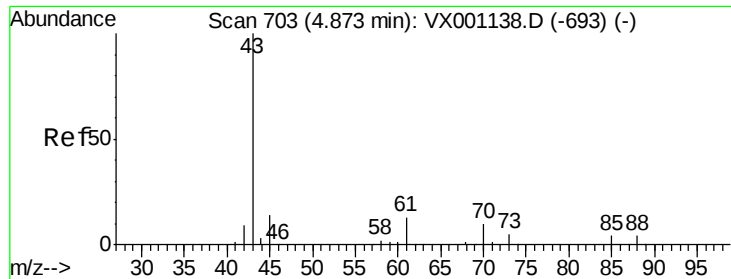
Tgt Ion:113 Resp: 100007
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 25.8 20.6 30.8



#36
 1,1-Dichloropropene
 Concen: 4.15 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001222.D
 Acq: 28 Apr 2018 18:56

Tgt Ion: 75 Resp: 10652
 Ion Ratio Lower Upper
 75 100
 110 10.8 19.0 57.0#
 77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 29.47 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.15 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180423

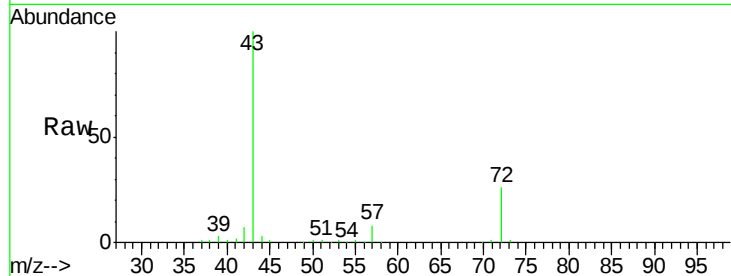
Tgt Ion: 43 Resp: 90607

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

70 0.2 8.2 12.2#

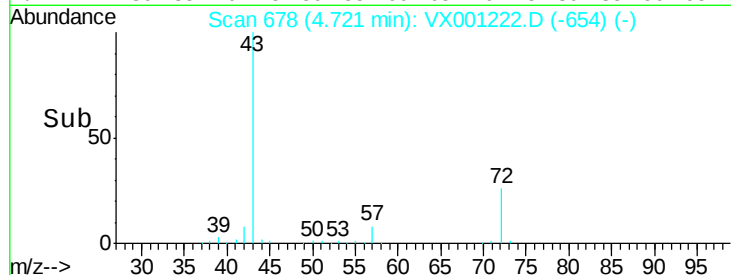


Abundance Ion 43.00 (42.70 to 43.70): VX001138.D (-693) (-)

Ion 60.90 (60.60 to 61.60): VX001138.D (-693) (-)

Ion 70.00 (69.70 to 70.70): VX001138.D (-693) (-)

Time-->



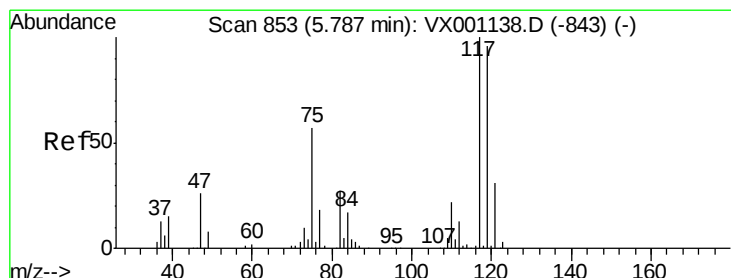
Abundance

Ion 43.00 (42.70 to 43.70): VX001222.D (-654) (-)

Ion 60.90 (60.60 to 61.60): VX001222.D (-654) (-)

Ion 70.00 (69.70 to 70.70): VX001222.D (-654) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.54 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

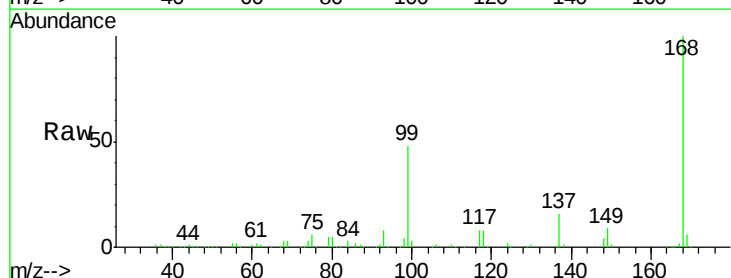
Tgt Ion: 117 Resp: 14580

Ion Ratio Lower Upper

117 100

119 4.9 76.5 114.7#

121 0.0 24.6 37.0#

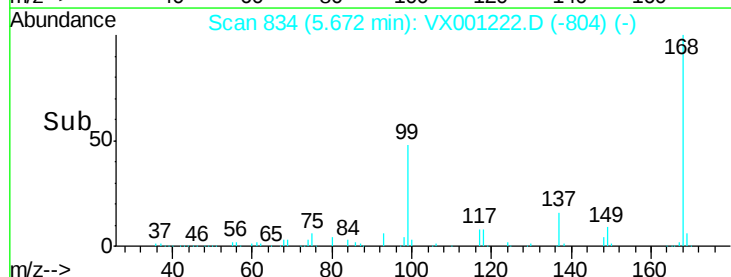


Abundance Ion 116.80 (116.50 to 117.50): VX001138.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX001138.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX001138.D (-843) (-)

Time-->



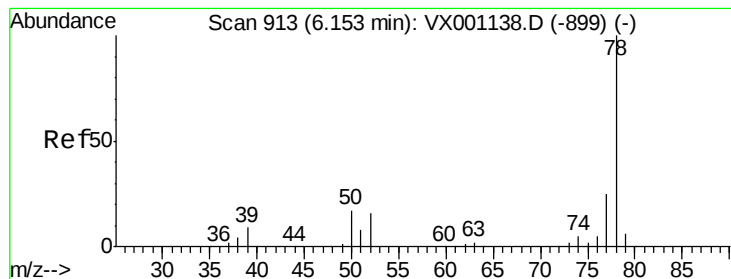
Abundance

Ion 116.80 (116.50 to 117.50): VX001222.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX001222.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX001222.D (-804) (-)

Time-->



#40

Benzene

Concen: 3.11 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

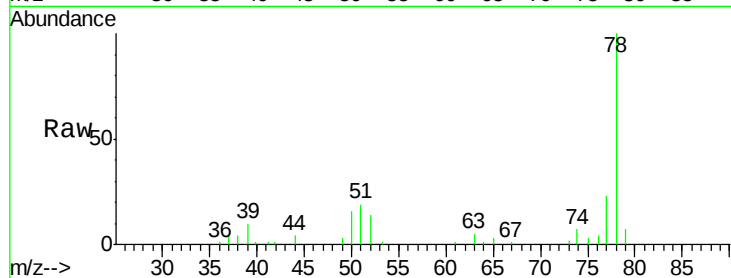
WP022RW349-180423

Tgt Ion: 78 Resp: 23069

Ion Ratio Lower Upper

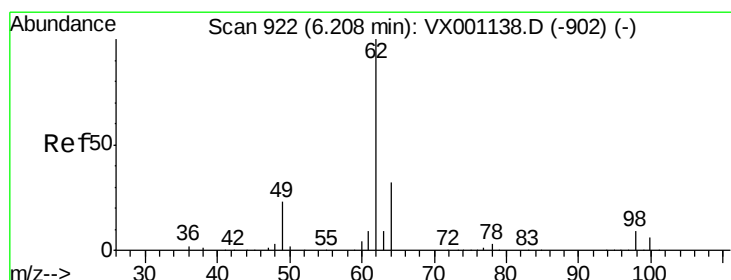
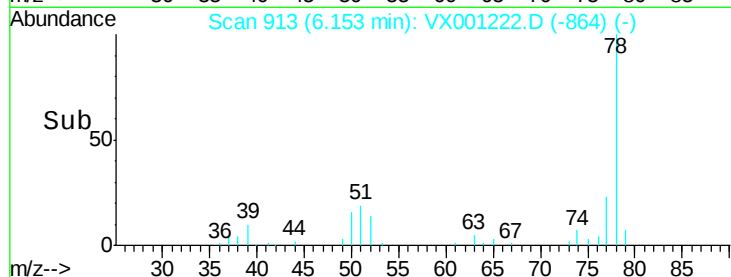
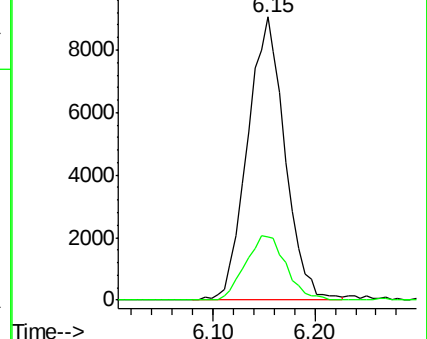
78 100

77 22.5 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: 0.24 ug/l

RT: 6.20 min Scan# 920

Delta R.T. -0.01 min

Lab File: VX001222.D

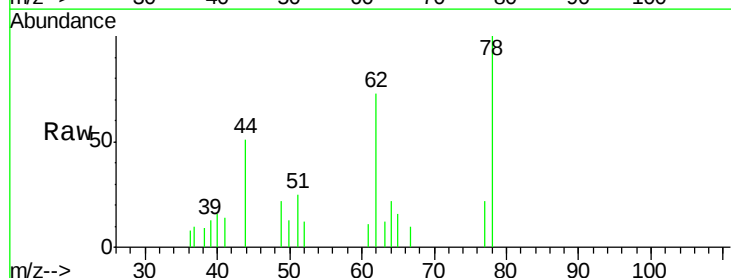
Acq: 28 Apr 2018 18:56

Tgt Ion: 62 Resp: 723

Ion Ratio Lower Upper

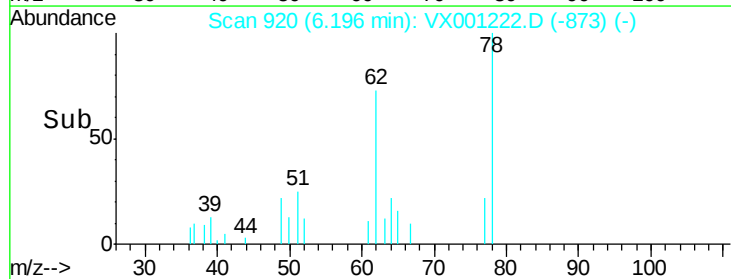
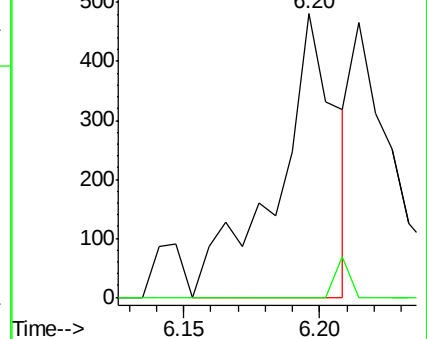
62 100

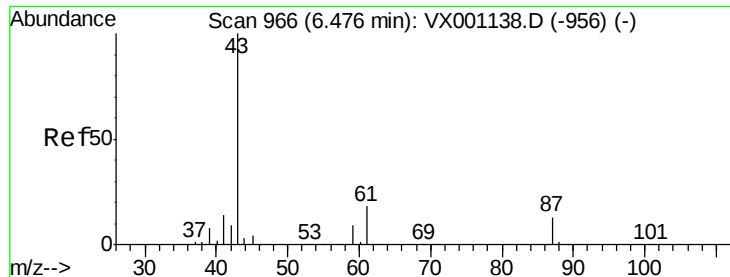
98 3.5 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.91 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180423

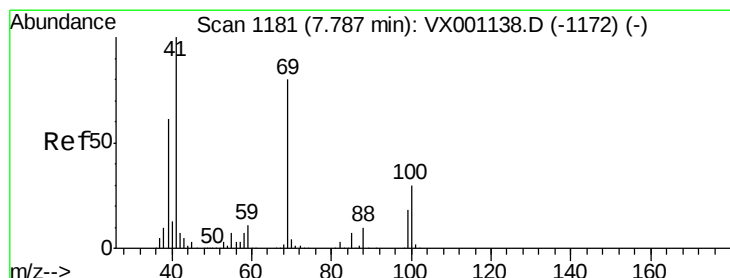
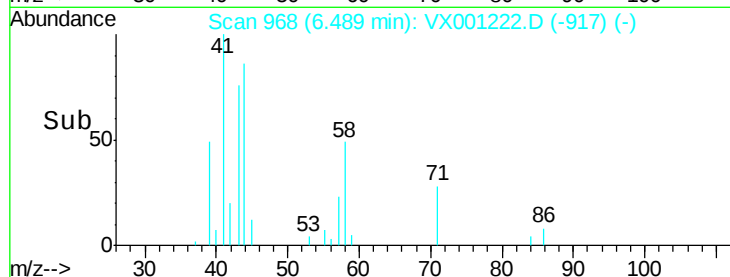
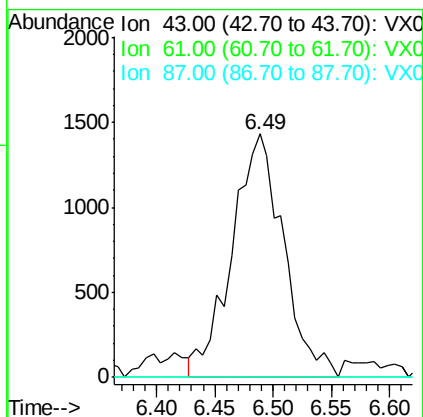
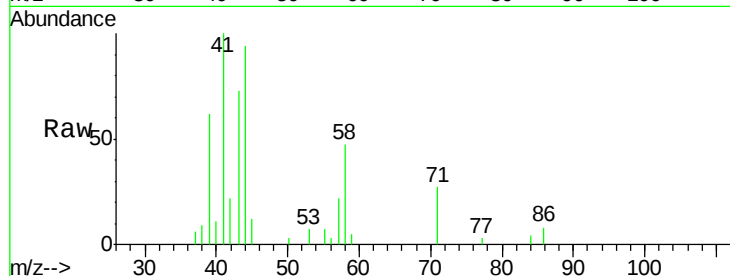
Tgt Ion: 43 Resp: 4407

Ion Ratio Lower Upper

43 100

61 0.0 15.0 22.6#

87 0.0 10.3 15.5#



#48

Methyl methacrylate

Concen: 0.48 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.02 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

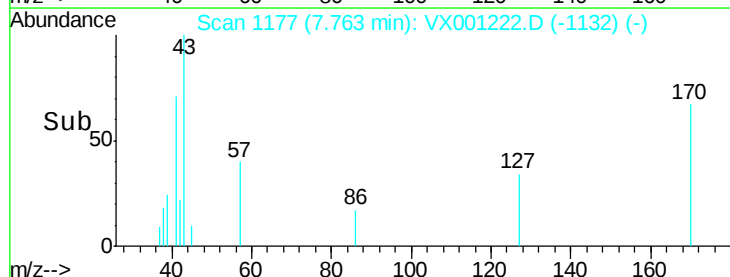
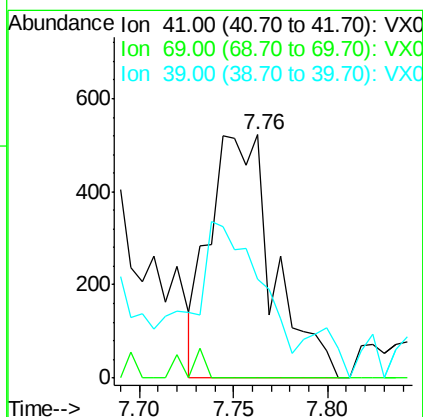
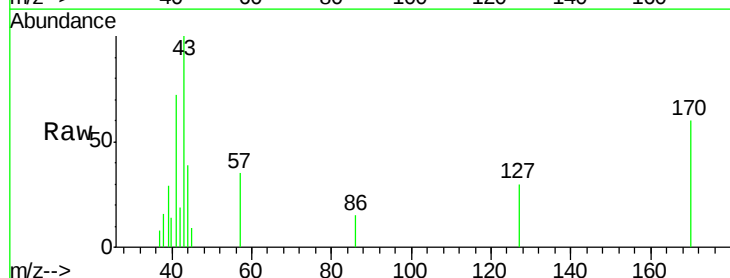
Tgt Ion: 41 Resp: 1222

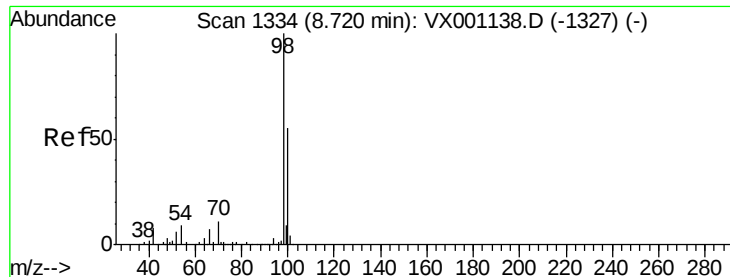
Ion Ratio Lower Upper

41 100

69 0.0 62.4 93.6#

39 0.0 48.7 73.1#





#50

Toluene-d8

Concen: 50.22 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

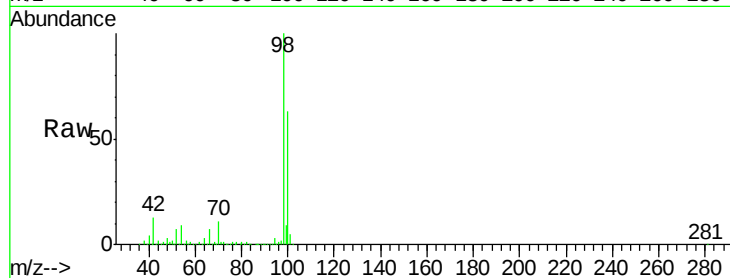
WP022RW349-180423

Tgt Ion: 98 Resp: 365397

Ion Ratio Lower Upper

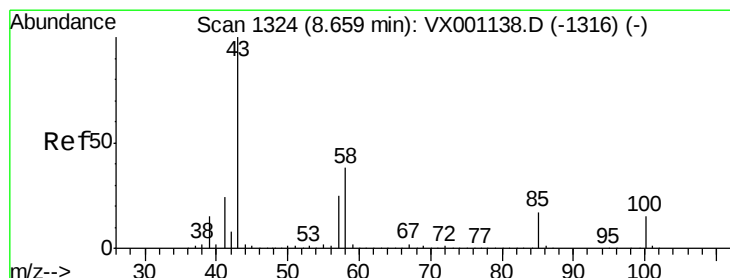
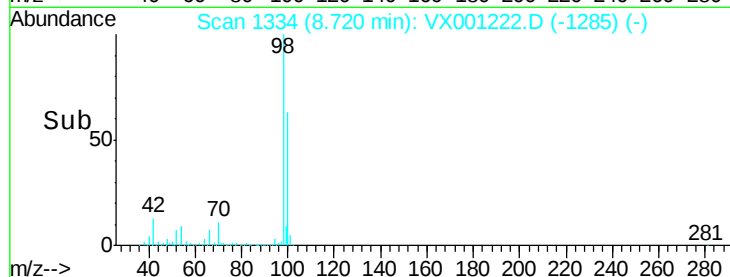
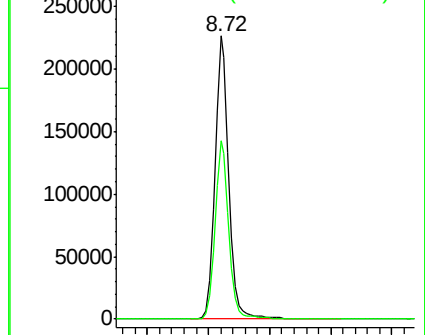
98 100

100 63.1 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 0.33 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX001222.D

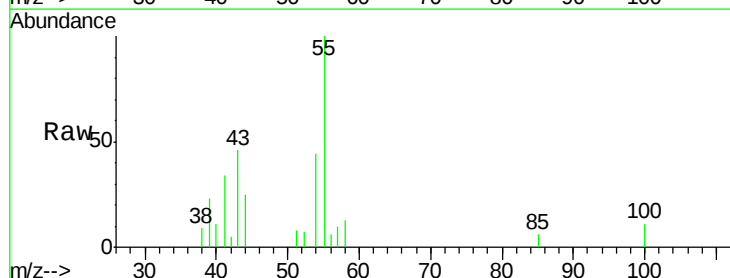
Acq: 28 Apr 2018 18:56

Tgt Ion: 43 Resp: 1051

Ion Ratio Lower Upper

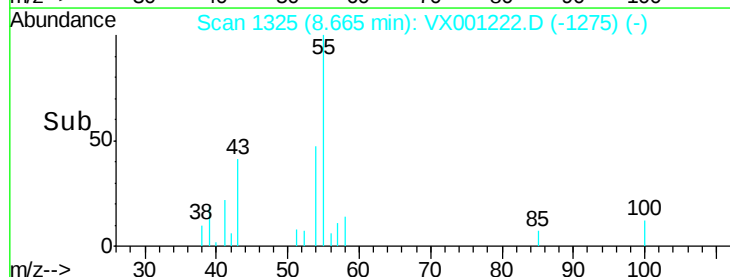
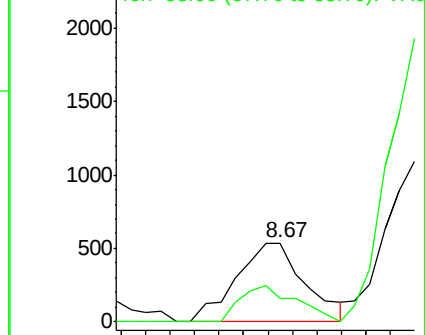
43 100

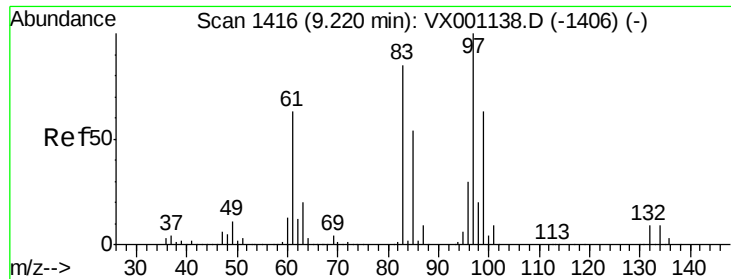
58 37.6 30.2 45.2



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: 0.33 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180423

Tgt Ion: 97 Resp: 679

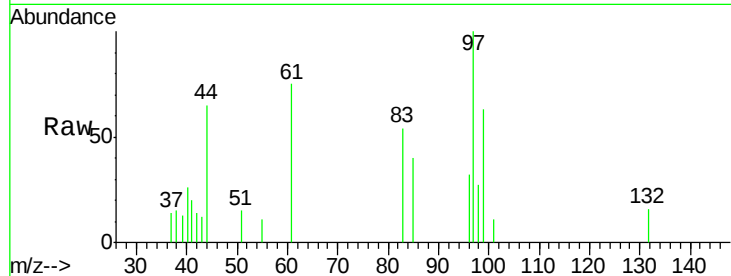
Ion Ratio Lower Upper

97 100

83 53.9 68.0 102.0#

85 40.3 42.9 64.3#

99 63.3 50.3 75.5

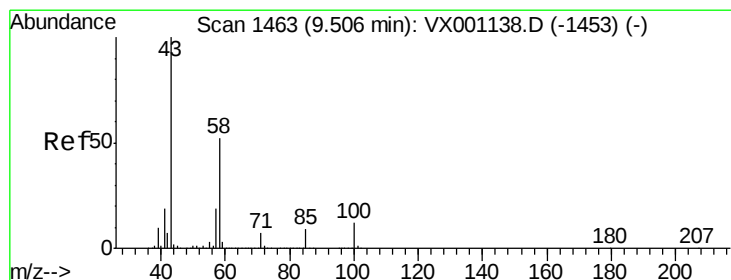
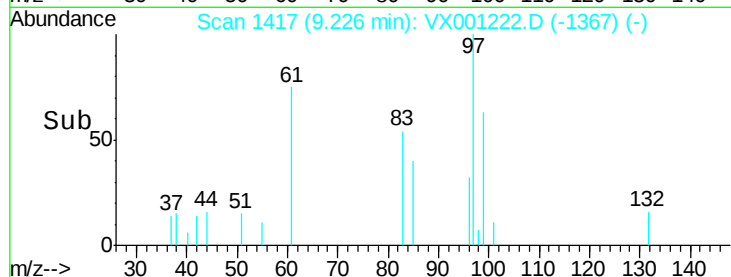
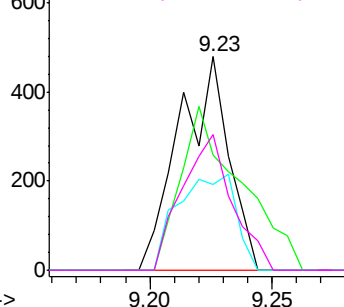


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 0.55 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VX001222.D

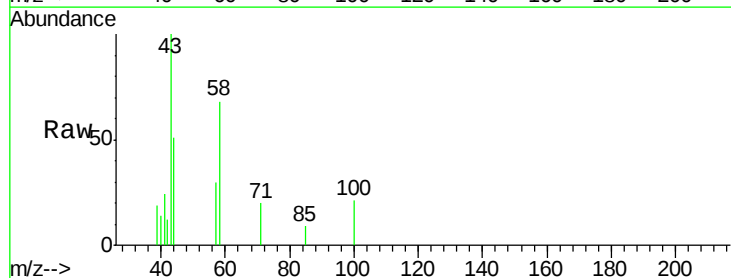
Acq: 28 Apr 2018 18:56

Tgt Ion: 43 Resp: 1369

Ion Ratio Lower Upper

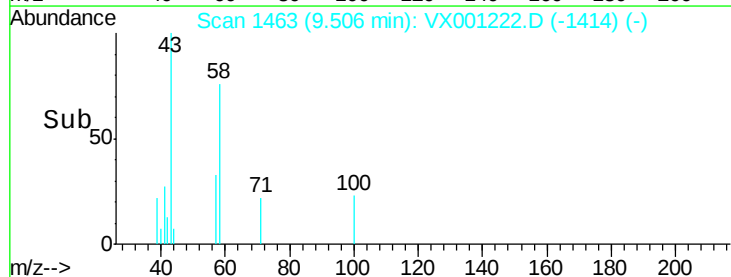
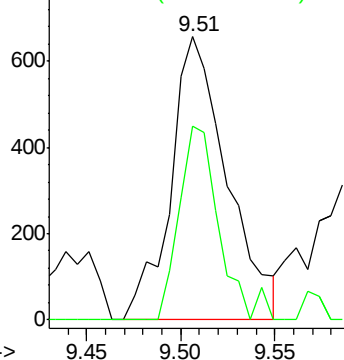
43 100

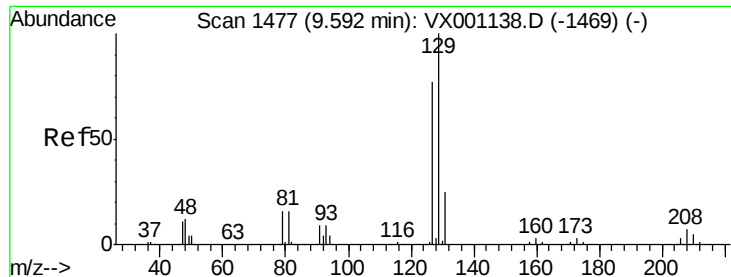
58 48.0 25.8 77.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 3.35 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

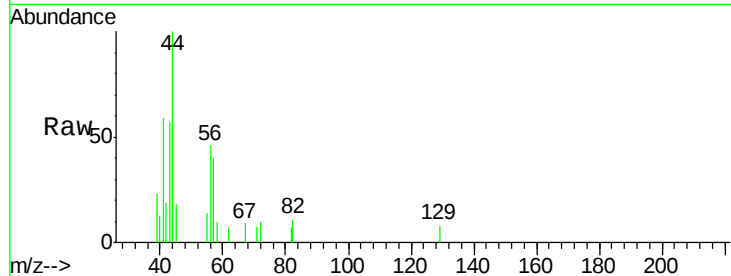
WP022RW349-180423

Tgt Ion:129 Resp: 22

Ion Ratio Lower Upper

129 100

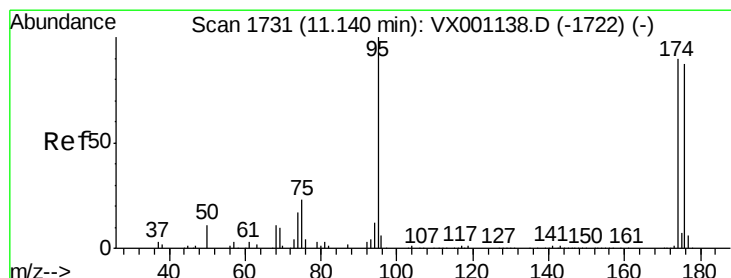
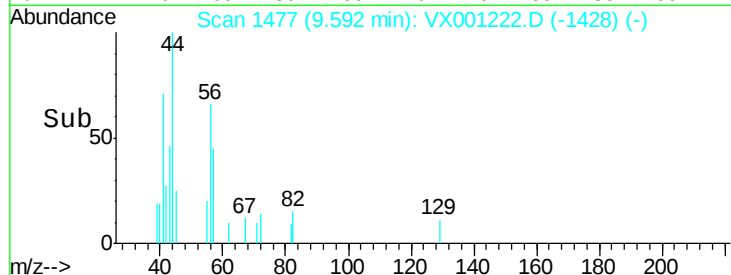
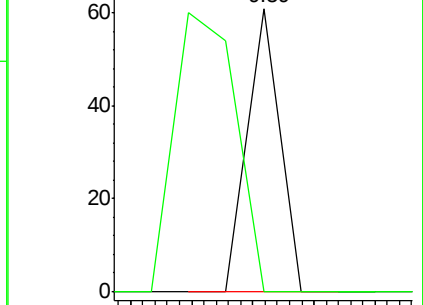
127 190.9 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59



#62

4-Bromofluorobenzene

Concen: 43.35 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

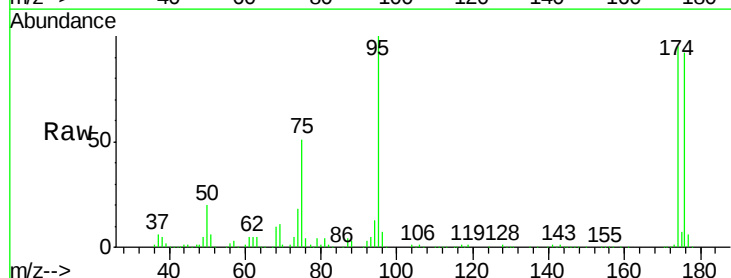
Tgt Ion: 95 Resp: 123216

Ion Ratio Lower Upper

95 100

174 102.6 0.0 194.4

176 99.8 0.0 190.2

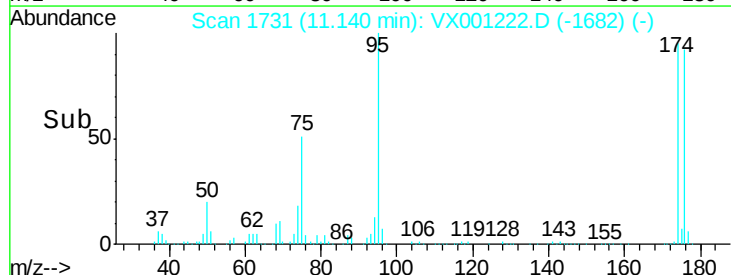
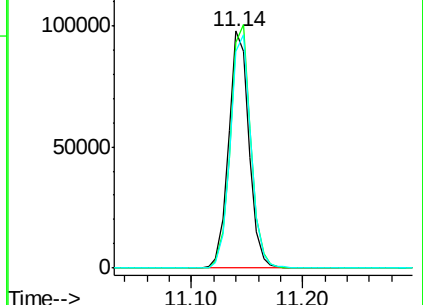


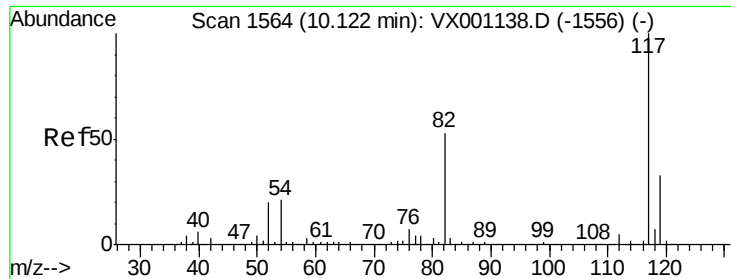
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

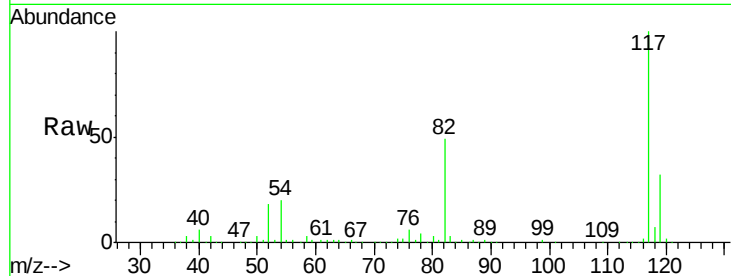




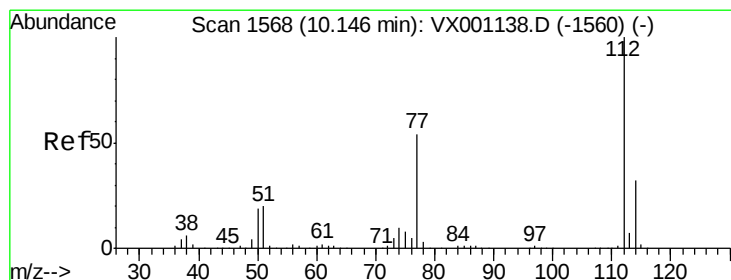
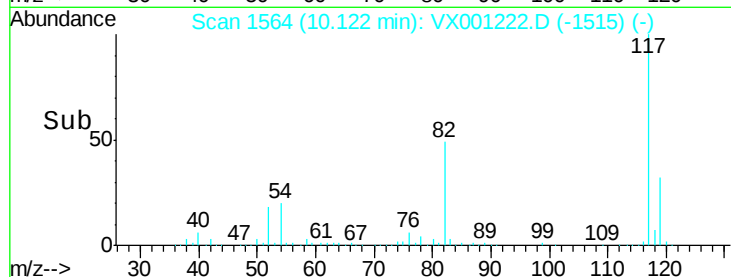
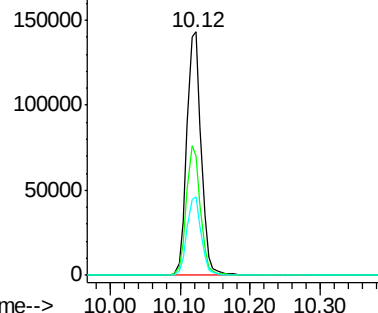
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001222.D
Acq: 28 Apr 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
WP022RW349-180423

Tgt Ion:117 Resp: 205270
Ion Ratio Lower Upper
117 100
82 49.0 42.1 63.1
119 32.3 26.1 39.1

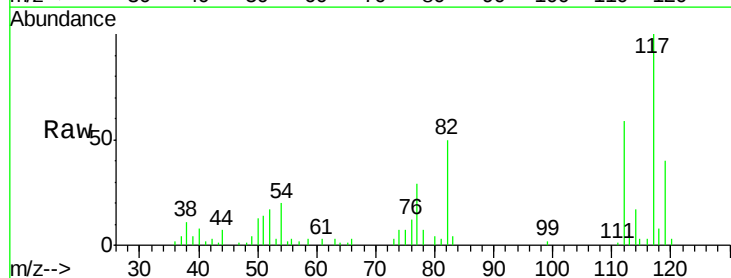


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

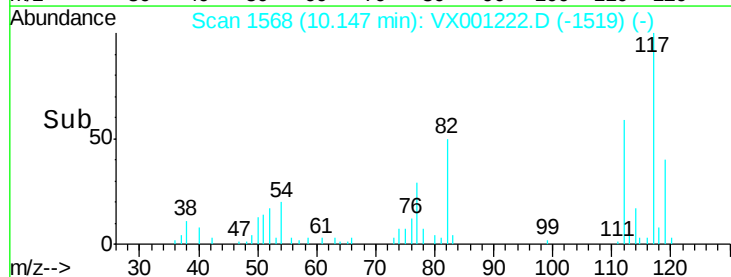
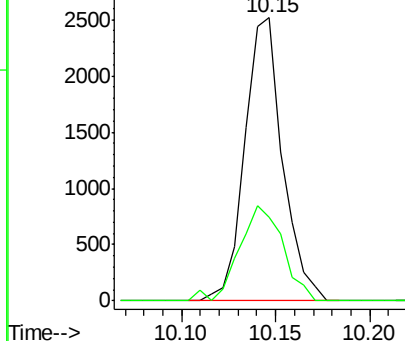


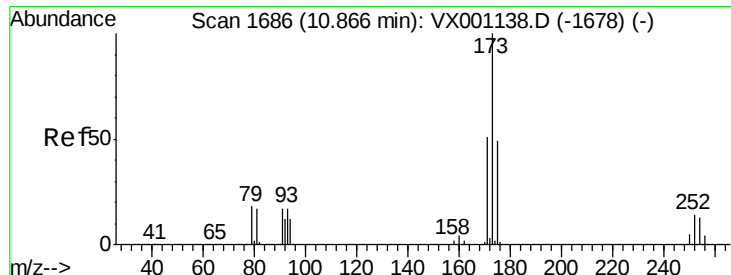
#65
Chlorobenzene
Concen: 0.65 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001222.D
Acq: 28 Apr 2018 18:56

Tgt Ion:112 Resp: 3501
Ion Ratio Lower Upper
112 100
114 29.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#71

Bromoform

Concen: 4.97 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180423

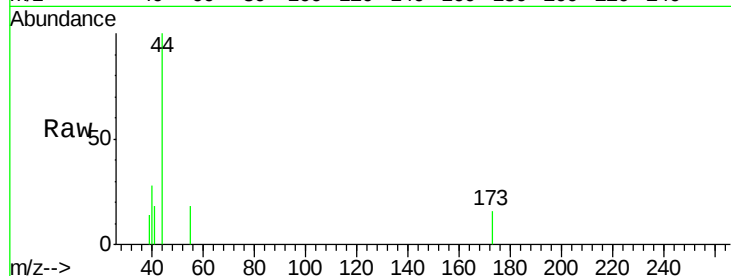
Tgt Ion:173 Resp: 46

Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.8#

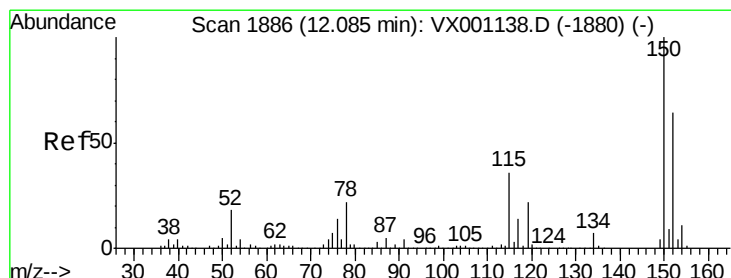
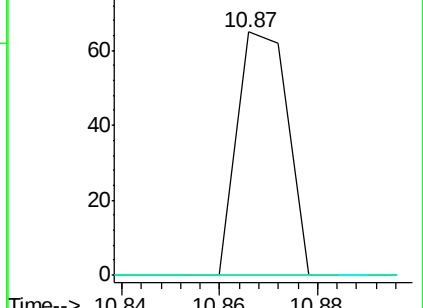
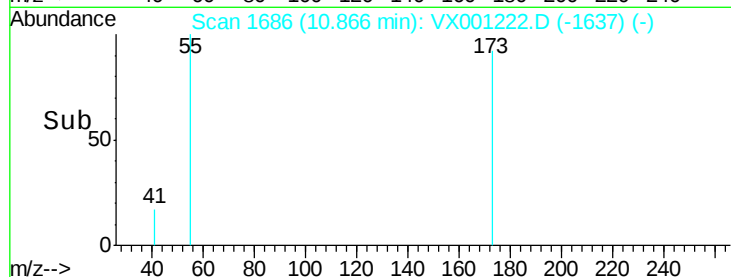
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VX001222.D

Acq: 28 Apr 2018 18:56

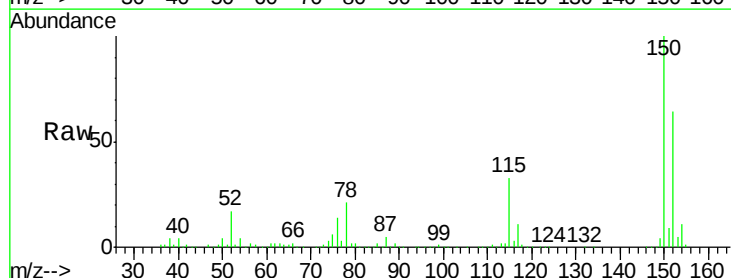
Tgt Ion:152 Resp: 114319

Ion Ratio Lower Upper

152 100

115 51.9 38.0 114.0

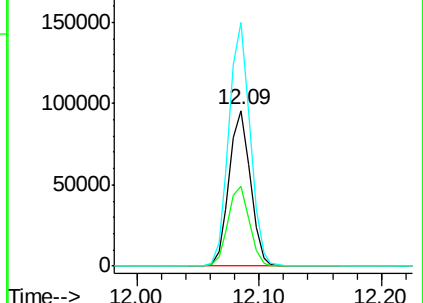
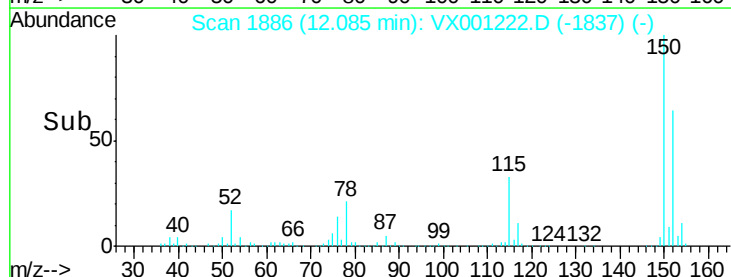
150 156.0 0.0 349.6

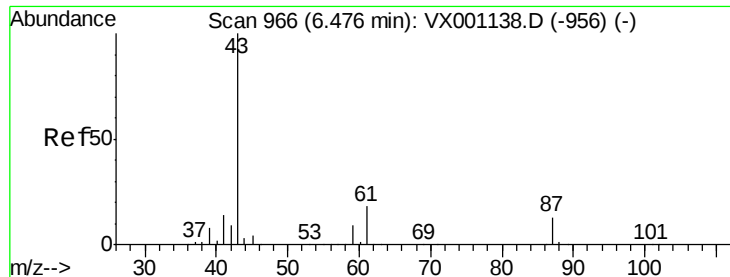


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyI acetate

Concen: 1.17 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180423

Tgt Ion: 43 Resp: 4407

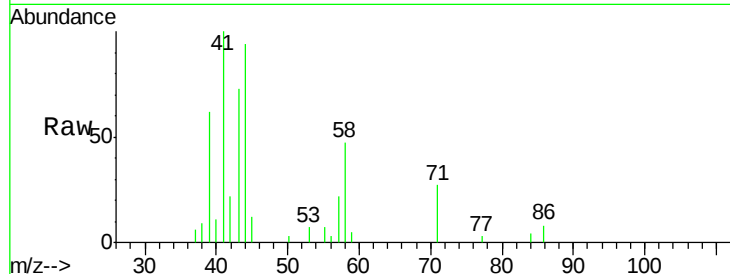
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 6.1 0.0 0.0#

61 0.0 15.0 22.6#

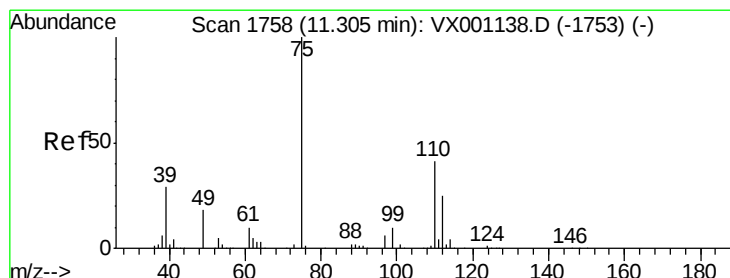
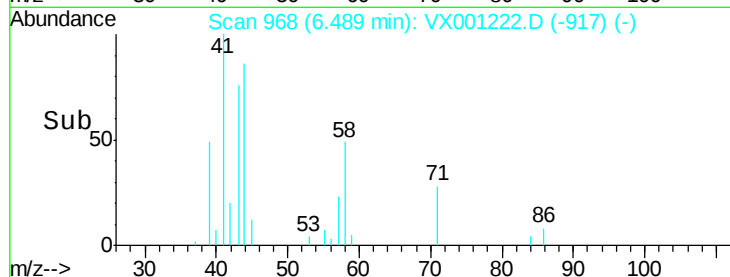
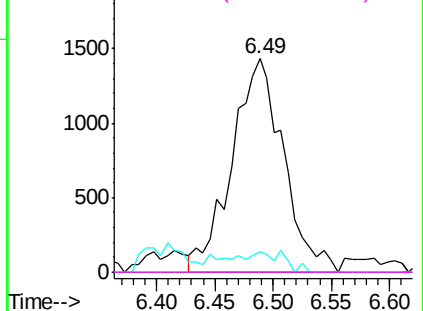


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 27.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001222.D

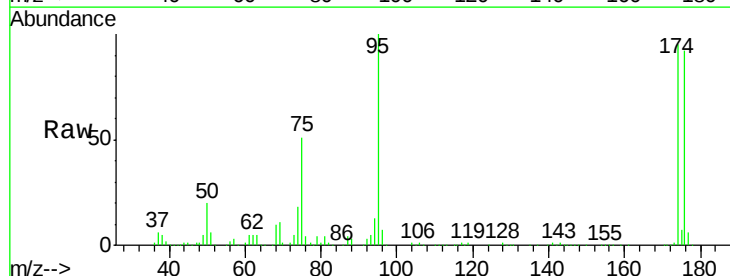
Acq: 28 Apr 2018 18:56

Tgt Ion: 75 Resp: 63393

Ion Ratio Lower Upper

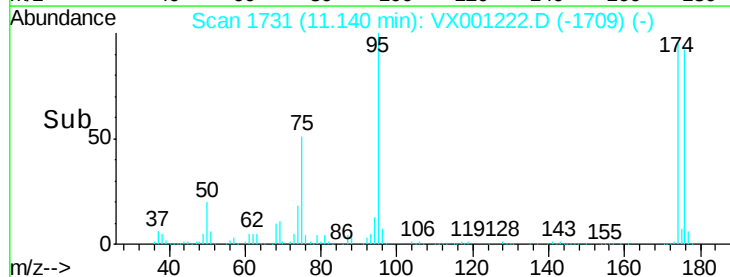
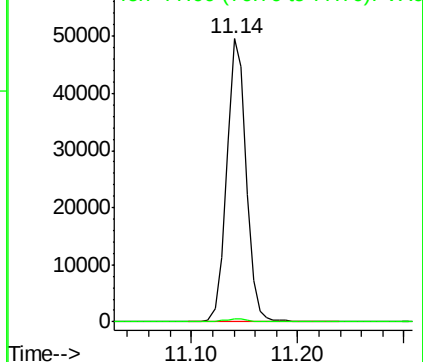
75 100

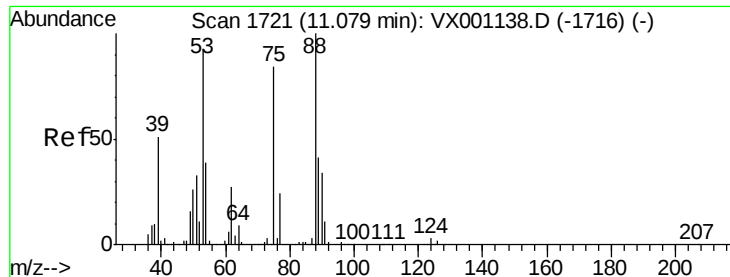
77 1.2 18.9 56.9#



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: 82.81 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001222.D

Acq: 28 Apr 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180423

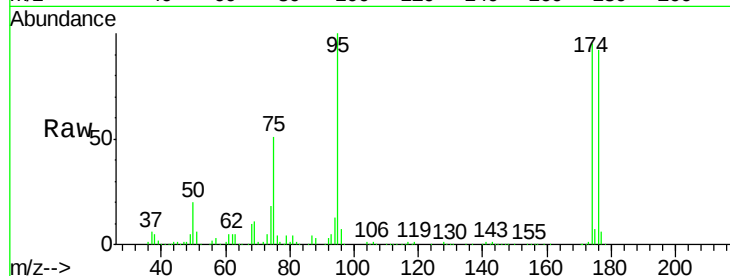
Tgt Ion: 75 Resp: 63393

Ion Ratio Lower Upper

75 100

53 0.1 87.9 131.9#

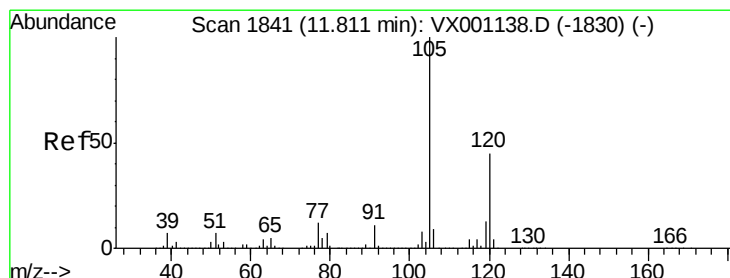
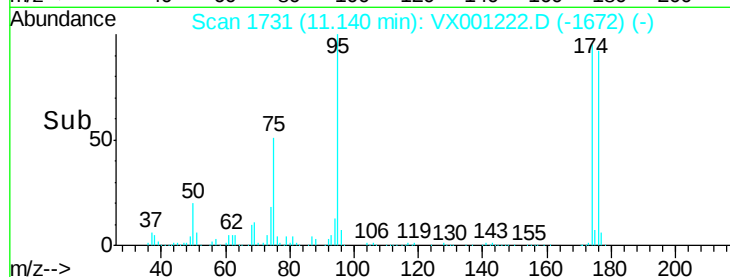
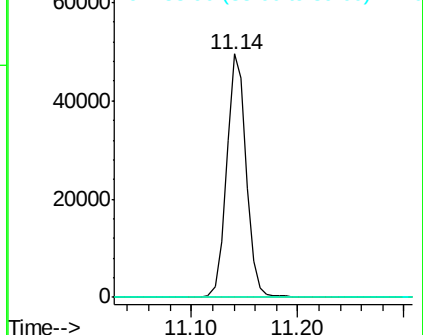
89 0.0 37.7 56.5#



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: VX001222.D

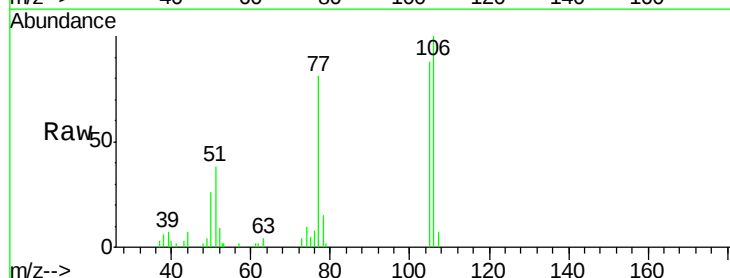
Acq: 28 Apr 2018 18:56

Tgt Ion: 105 Resp: 4268

Ion Ratio Lower Upper

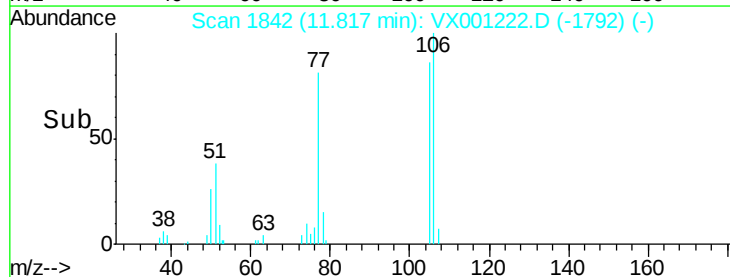
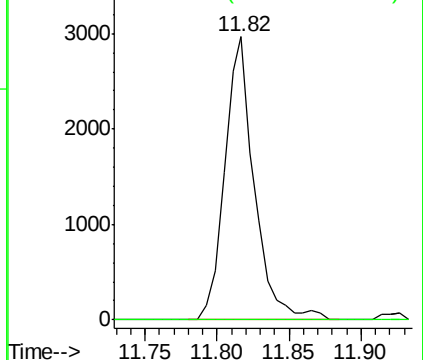
105 100

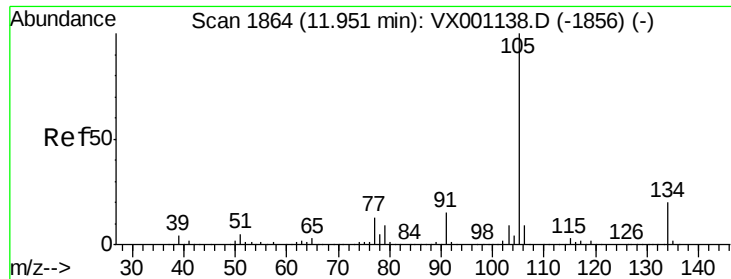
120 0.0 22.4 67.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

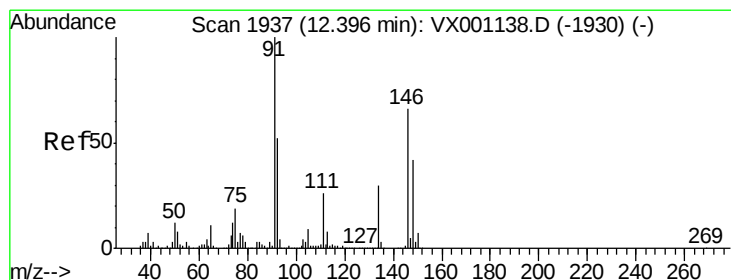
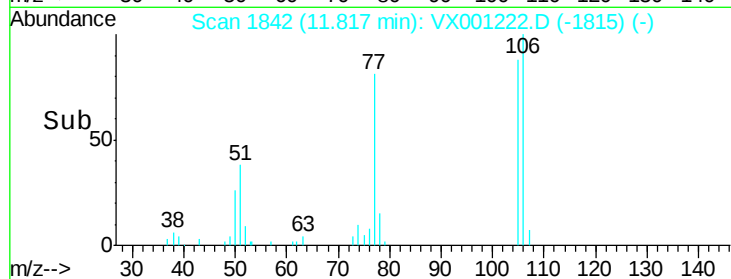
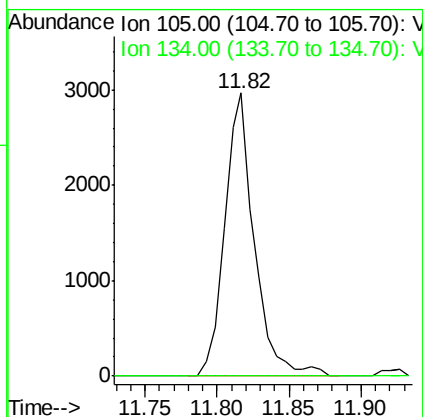
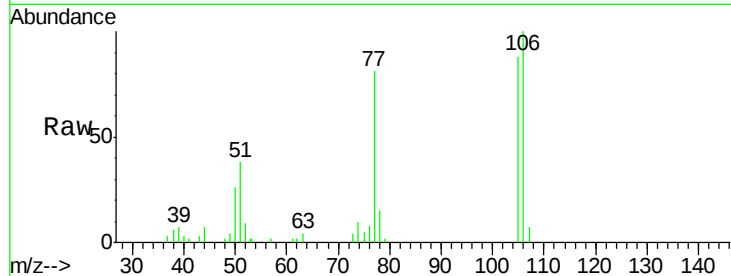




#85
 sec-Butylbenzene
 Concen: 0.58 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.13 min
 Lab File: VX001222.D
 Acq: 28 Apr 2018 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW349-180423

Tgt Ion:105 Resp: 4268
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.5#



#91
 1,2-Dichlorobenzene
 Concen: 1.79 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001222.D
 Acq: 28 Apr 2018 18:56

Tgt Ion:146 Resp: 7179
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.1 57.3
 148 68.8 32.2 96.6

