

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003202.D
 Acq On : 06 Jul 2018 05:27
 Operator : JC/MD
 Sample : J3844-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW349-180702

Quant Time: Jul 06 07:35:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	397178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	186740	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	
35) Dibromofluoromethane	5.51	113	163422	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	8.72	98	551980	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
62) 4-Bromofluorobenzene	11.14	95	191215	43.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	137	Below Cal		77
3) Chloromethane	1.32	50	37336	12.40	ug/l	98
4) Vinyl Chloride	1.40	62	6122	1.79	ug/l #	88
5) Bromomethane	1.64	94	43617	25.98	ug/l	99
6) Chloroethane	1.73	64	907	Below Cal	#	84
10) Methyl Iodide	2.51	142	1845342	482.16	ug/l	97
11) Tert butyl alcohol	3.08	59	13012	15.61	ug/l	95
13) Acrolein	2.29	56	865	6.07	ug/l	94
14) Allyl chloride	2.71	41	23010	3.91	ug/l #	42
15) Acrylonitrile	3.14	53	854	0.48	ug/l #	82
16) Acetone	2.45	43	1071121	617.93	ug/l	97
17) Carbon Disulfide	2.57	76	40962	5.15	ug/l	99
18) Methyl Acetate	2.78	43	7737	1.60	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	2894	0.89	ug/l	90
24) 1,1-Dichloroethane	3.70	63	28394	4.64	ug/l	97
25) 2-Butanone	4.71	43	167048	64.93	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	19308	5.29	ug/l	97
29) Tetrahydrofuran	5.19	42	839	0.51	ug/l #	74
36) 1,1-Dichloropropene	5.67	75	19108	4.39	ug/l #	51
37) Ethyl Acetate	4.71	43	167048	35.62	ug/l #	71
38) Carbon Tetrachloride	5.67	117	26145	5.47	ug/l #	17
40) Benzene	6.15	78	37868	2.99	ug/l	98
42) 1,2-Dichloroethane	6.21	62	1649	0.32	ug/l	91
43) Isopropyl Acetate	6.48	43	6923	0.88	ug/l #	66
48) Methyl methacrylate	7.74	41	1520	0.38	ug/l #	35
49) 1,4-Dioxane	7.72	88	43	0.55	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	1464	0.30	ug/l #	84
55) 1,1,2-Trichloroethane	9.22	97	1005	0.30	ug/l	98
59) 2-Hexanone	9.51	43	2374	0.63	ug/l	93
65) Chlorobenzene	10.14	112	10687	1.15	ug/l	96
74) N-amyl acetate	6.48	43	6923	1.05	ug/l #	62
76) 1,2,3-Trichloropropane	11.14	75	96314	26.47	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	96314	75.00	ug/l #	7
84) 1,2,4-Trimethylbenzene	11.81	105	4658	0.40	ug/l #	34

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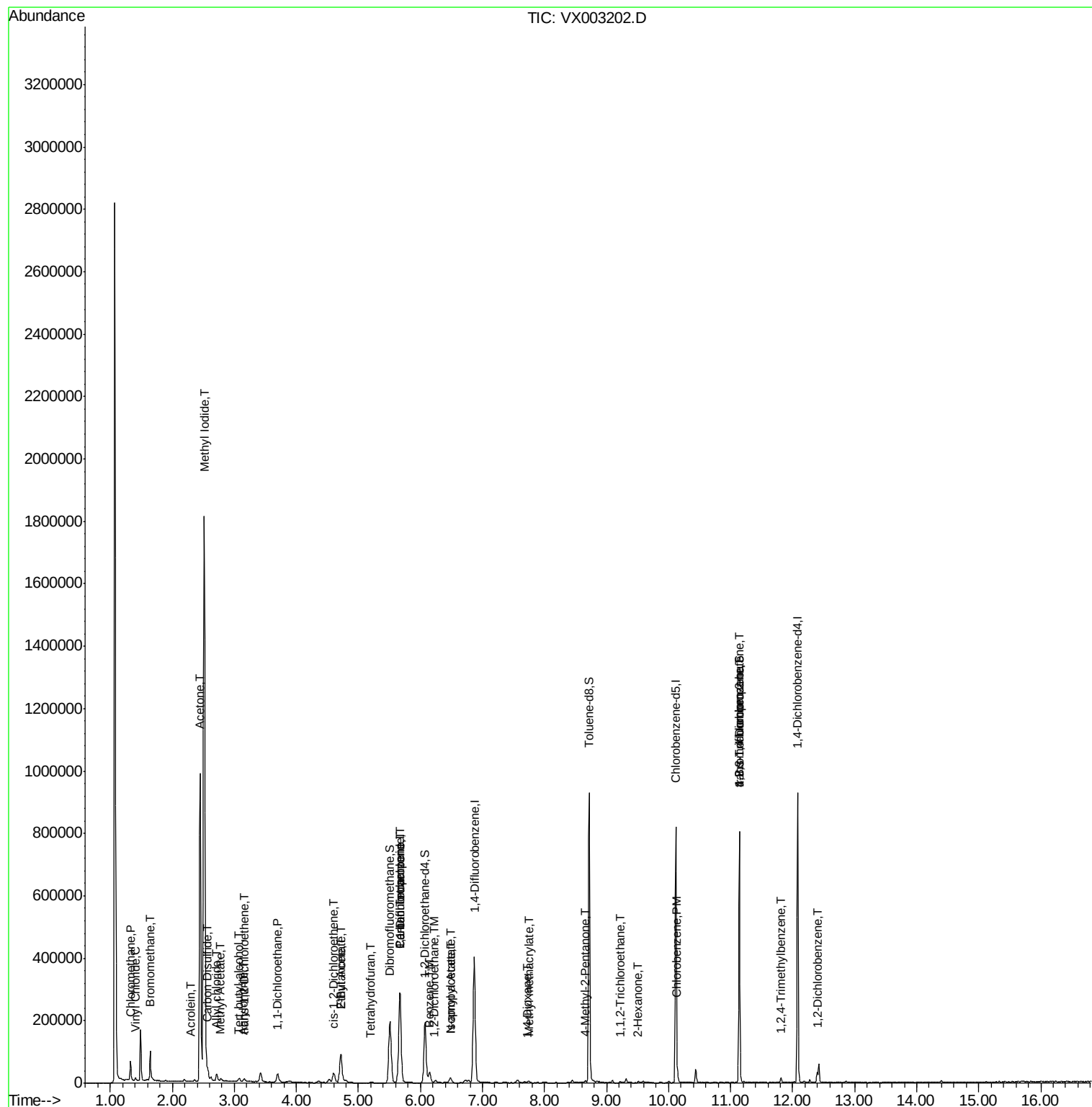
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.40	146	9824	1.38	ug/l	100

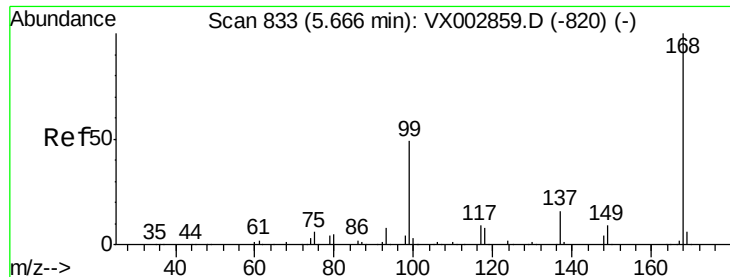
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

MSVOA_X

ClientSampleId :

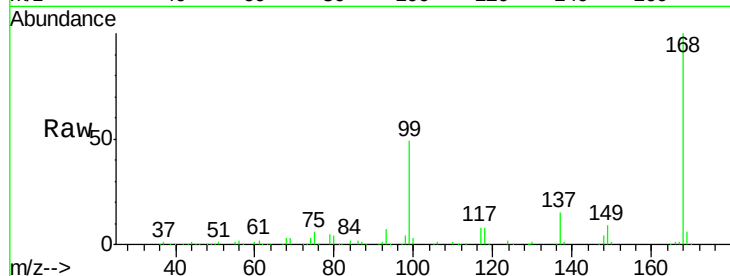
WP022RW349-180702

Tot Ion:168 Resp: 302828

Ion Ratio Lower Upper

168 100

99 48.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

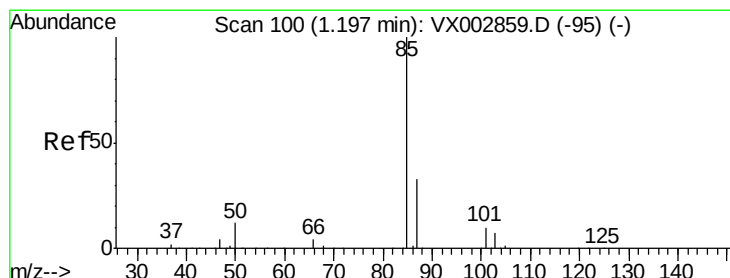
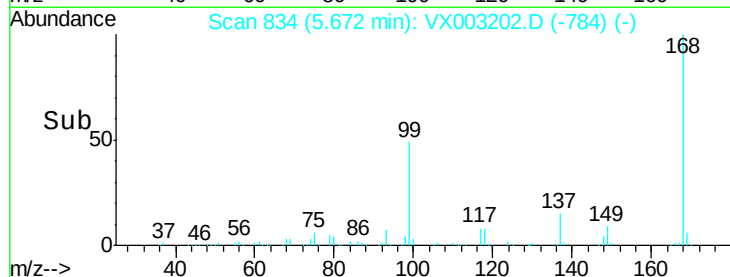
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003202.D

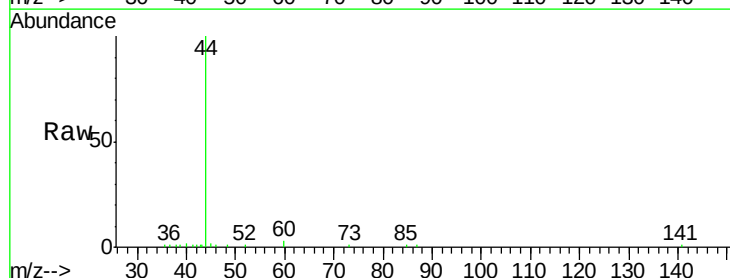
Acq: 06 Jul 2018 05:27

Tgt Ion: 85 Resp: 137

Ion Ratio Lower Upper

85 100

87 44.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

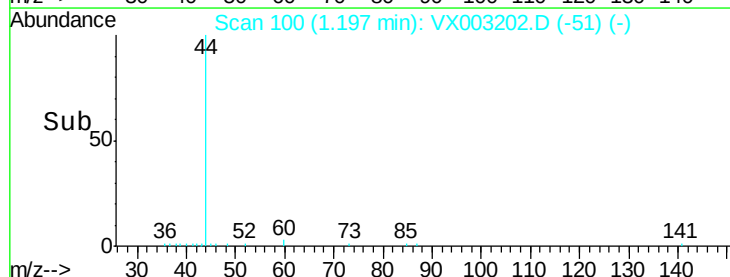
150

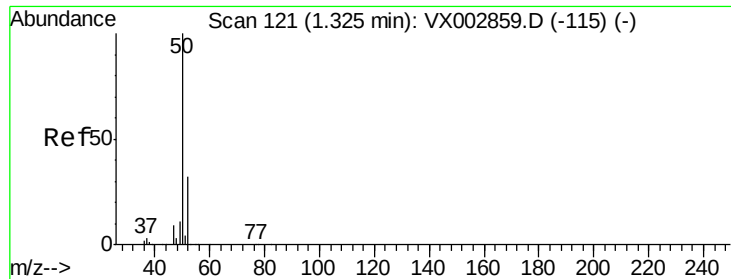
100

50

0

Time--> 1.18 1.20 1.22





#3

Chloromethane

Concen: 12.40 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

MSVOA_X

ClientSampleId :

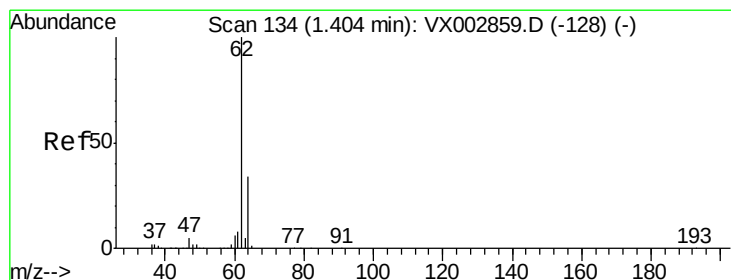
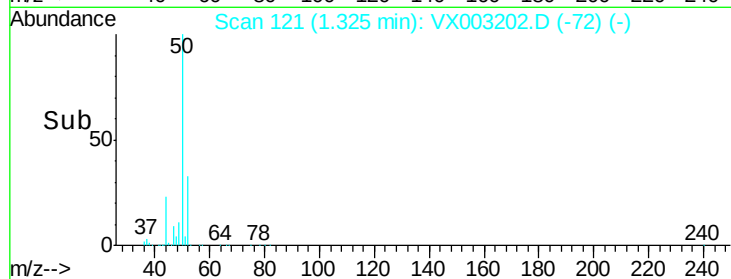
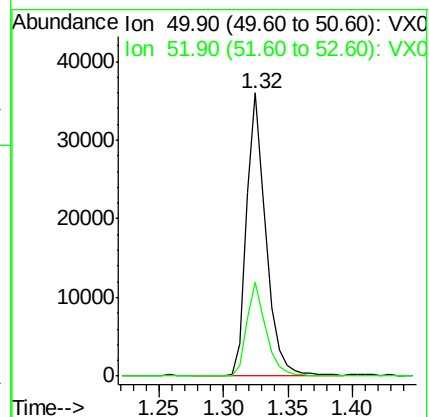
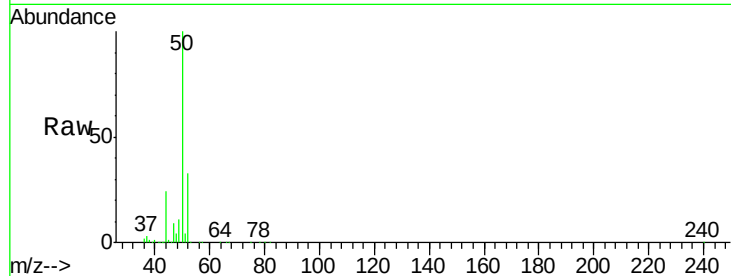
WP022RW349-180702

Tot Ion: 50 Resp: 37336

Ion Ratio Lower Upper

50 100

52 33.3 25.7 38.5



#4

Vinyl Chloride

Concen: 1.79 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003202.D

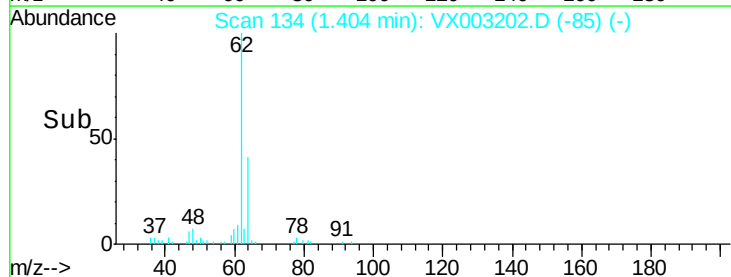
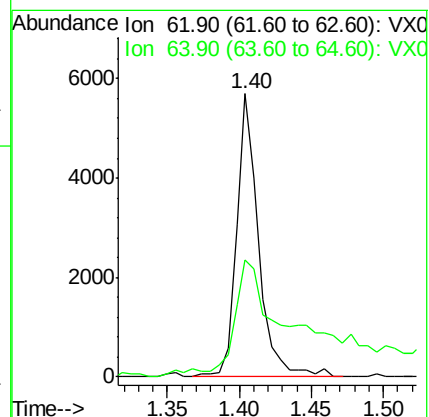
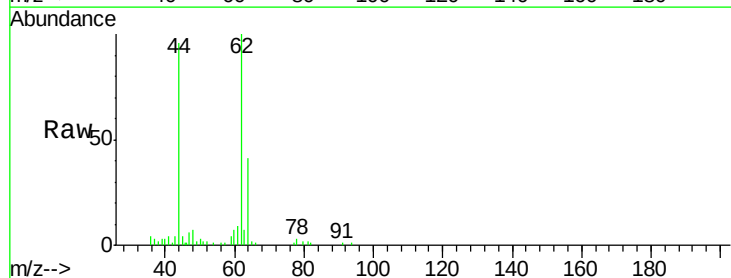
Acq: 06 Jul 2018 05:27

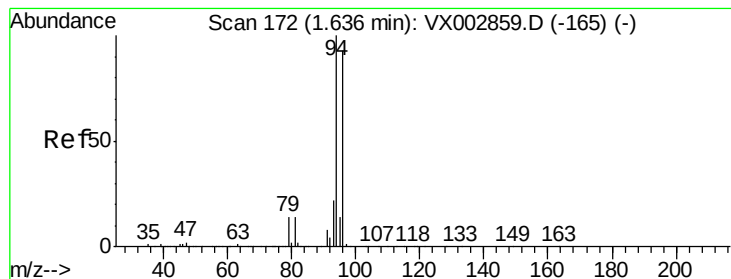
Tgt Ion: 62 Resp: 6122

Ion Ratio Lower Upper

62 100

64 38.4 25.4 38.2#





#5

Bromomethane

Concen: 25.98 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

MSVOA_X

ClientSampleId :

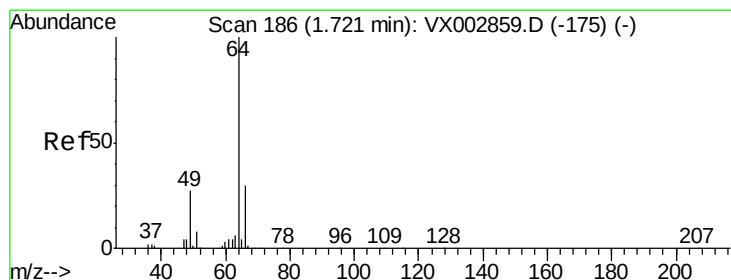
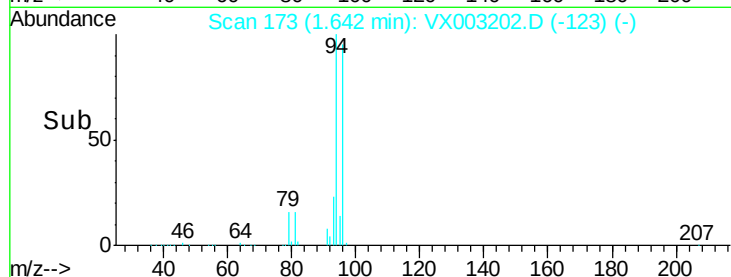
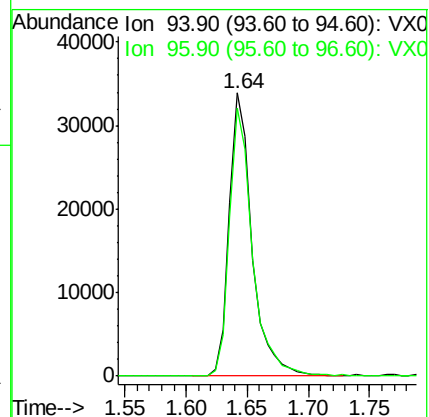
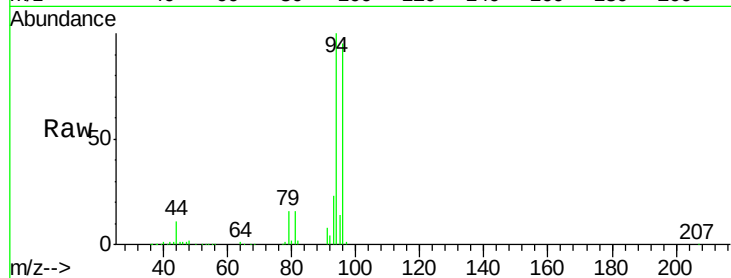
WP022RW349-180702

Tot Ion: 94 Resp: 43617

Ion Ratio Lower Upper

94 100

96 94.7 74.9 112.3



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003202.D

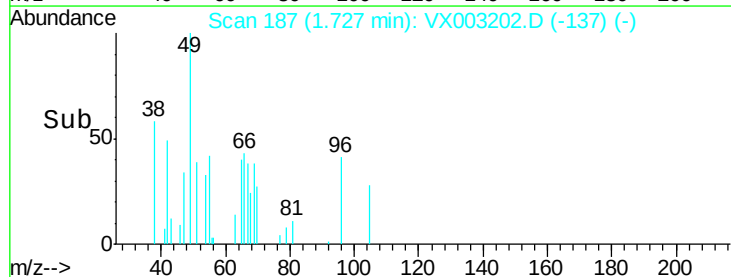
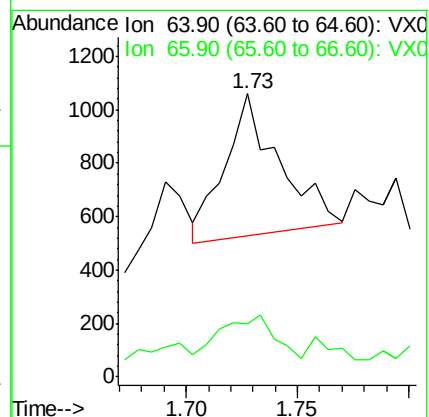
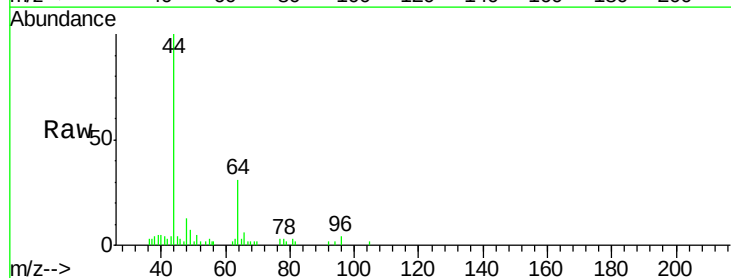
Acq: 06 Jul 2018 05:27

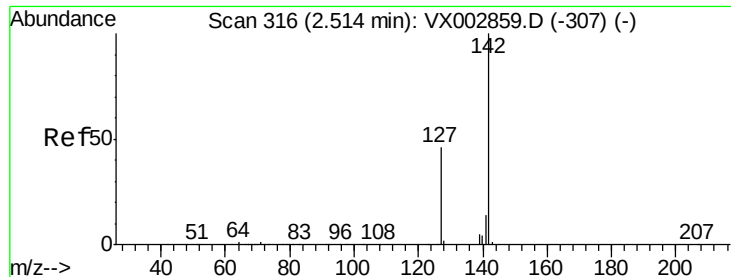
Tgt Ion: 64 Resp: 907

Ion Ratio Lower Upper

64 100

66 23.1 25.5 38.3#

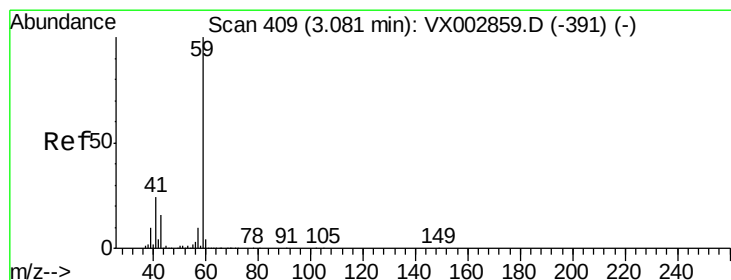
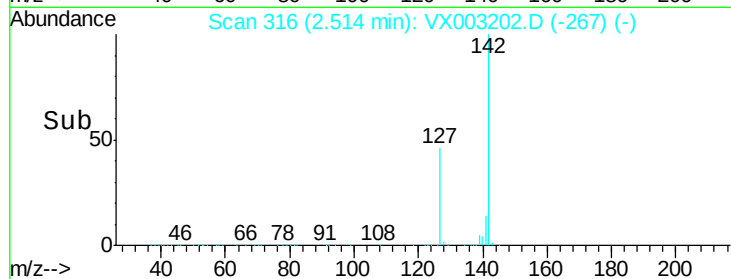
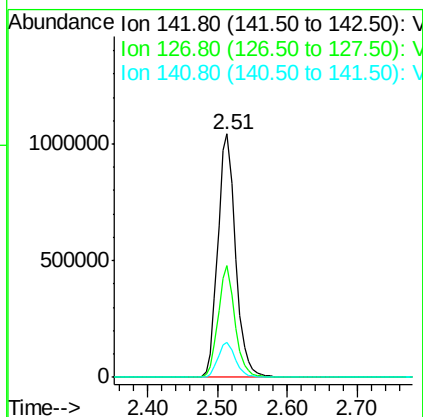
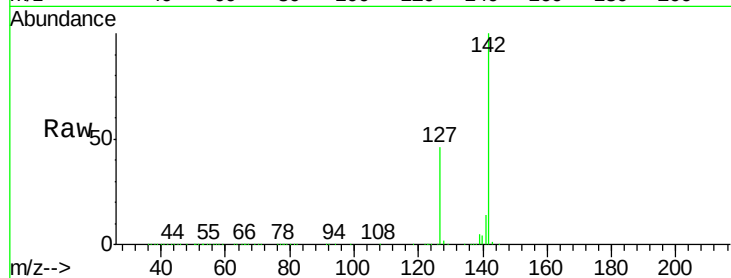




#10
Methvl Iodide
Concen: 482.16 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX003202.D
Acq: 06 Jul 2018 05:27

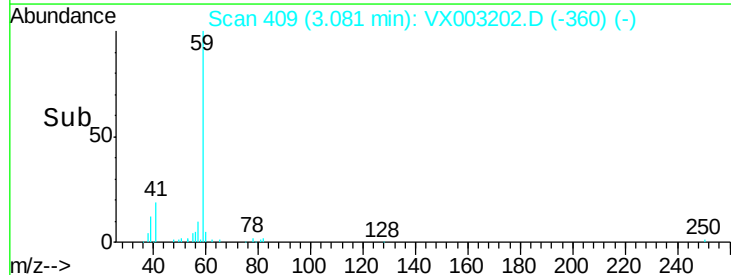
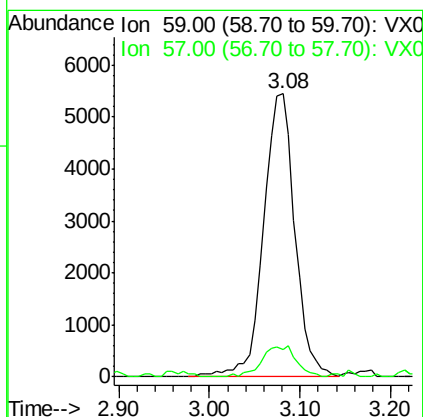
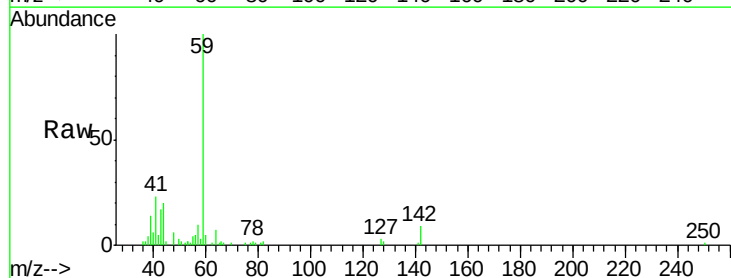
Instrument :
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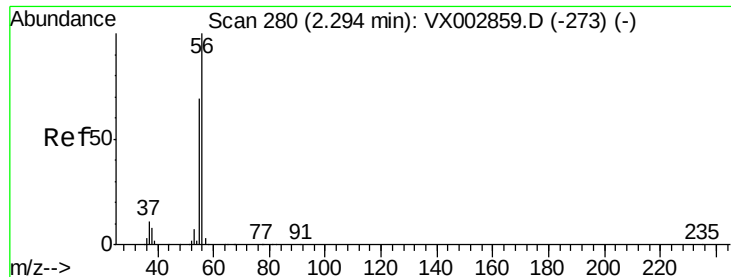
Tot Ion:142 Resp: 1845342
Ion Ratio Lower Upper
142 100
127 43.4 36.6 55.0
141 14.1 11.3 16.9



#11
Tert butyl alcohol
Concen: 15.61 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003202.D
Acq: 06 Jul 2018 05:27

Tgt Ion: 59 Resp: 13012
Ion Ratio Lower Upper
59 100
57 12.0 8.2 12.2





#13

Acrolein

Concen: 6.07 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

MSVOA_X

ClientSampleId :

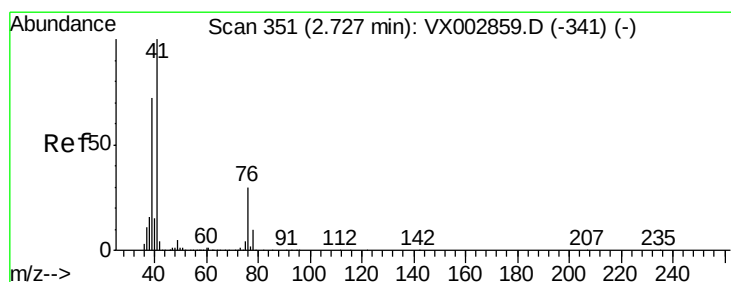
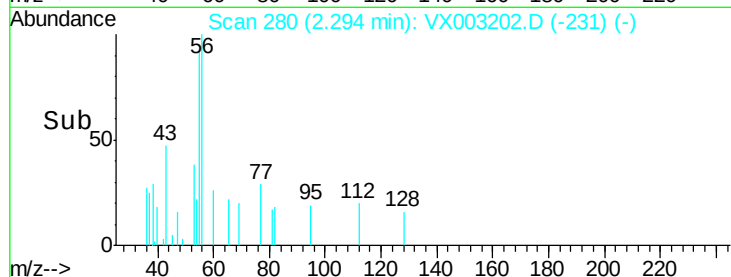
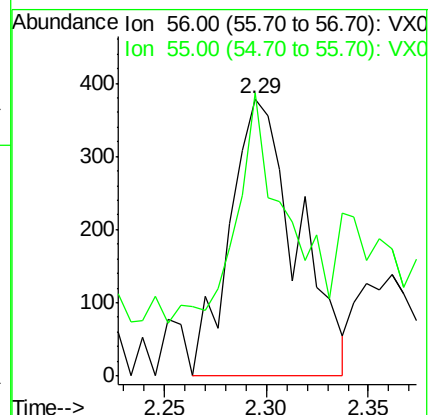
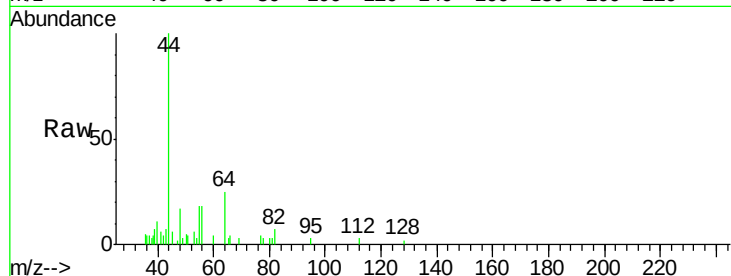
WP022RW349-180702

Tot Ion: 56 Resp: 865

Ion Ratio Lower Upper

56 100

55 75.8 57.0 85.4



#14

Allyl chloride

Concen: 3.91 ug/l

RT: 2.71 min Scan# 349

Delta R.T. -0.01 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

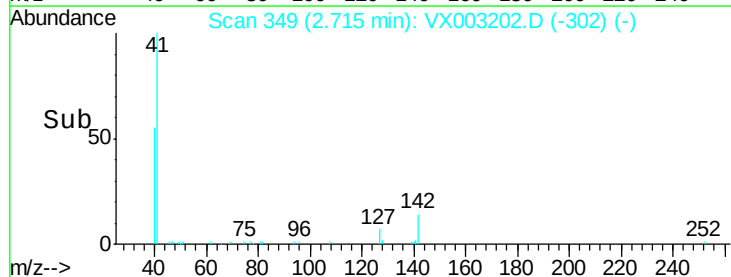
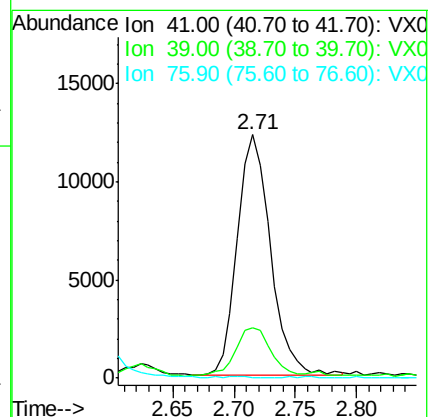
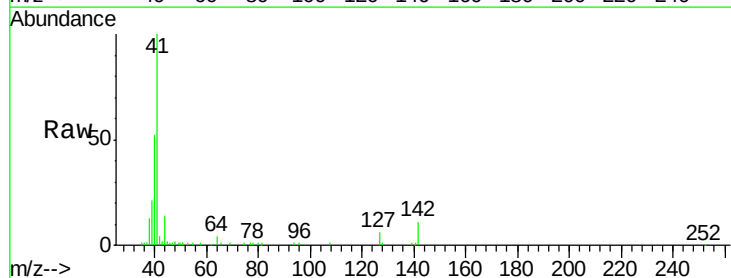
Tgt Ion: 41 Resp: 23010

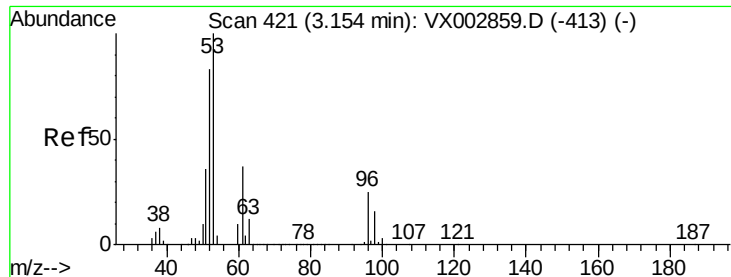
Ion Ratio Lower Upper

41 100

39 21.6 56.8 85.2#

76 0.0 23.8 35.8#





#15

Acrylonitrile

Concen: 0.48 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

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ClientSampleId :

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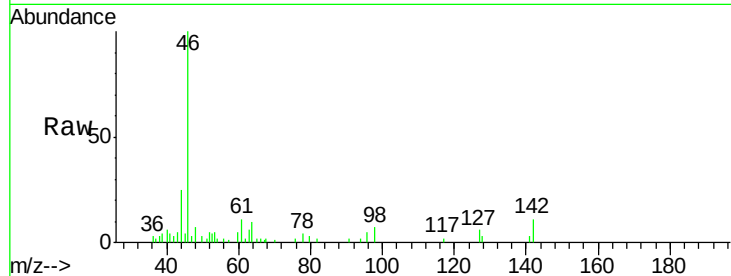
Tot Ion: 53 Resp: 854

Ion Ratio Lower Upper

53 100

52 73.0 66.7 100.1

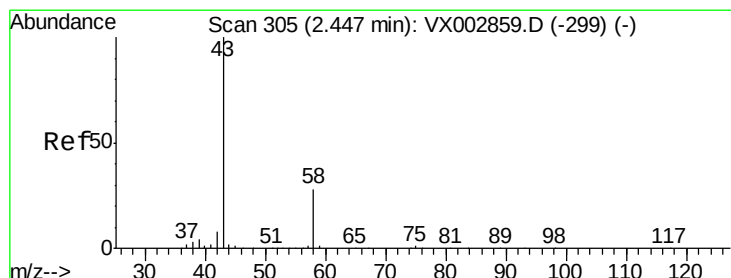
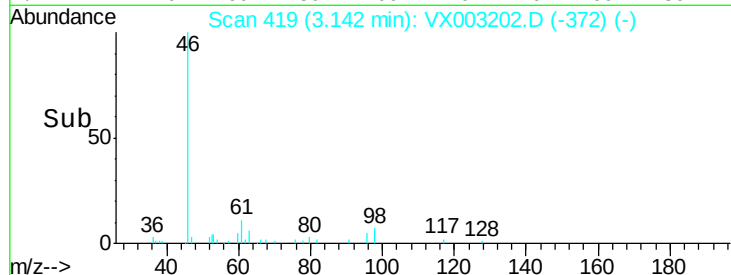
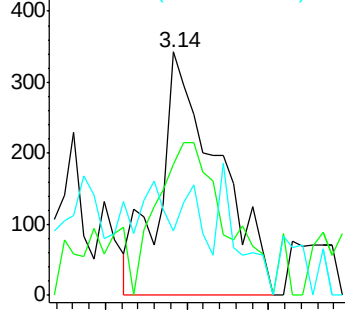
51 18.4 29.9 44.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 617.93 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003202.D

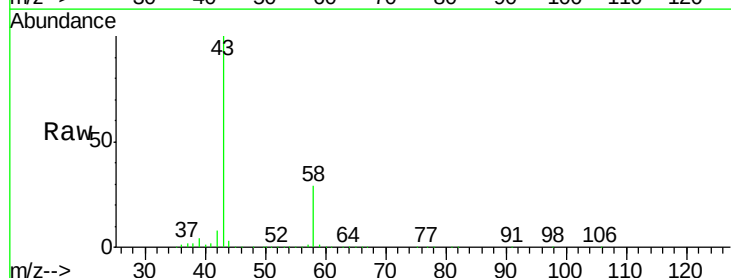
Acq: 06 Jul 2018 05:27

Tgt Ion: 43 Resp: 1071121

Ion Ratio Lower Upper

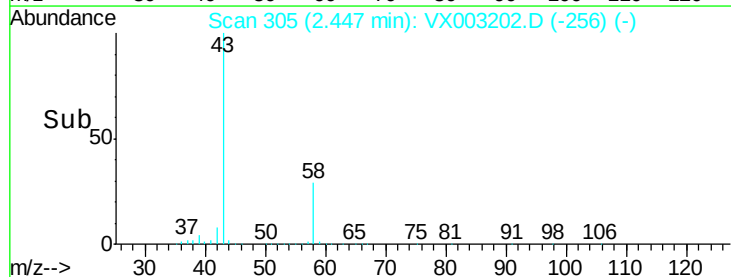
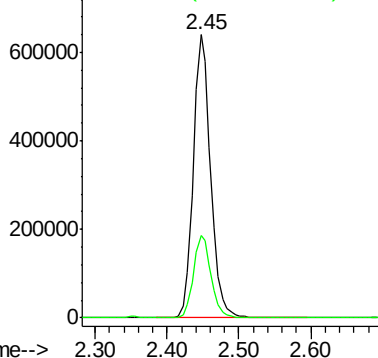
43 100

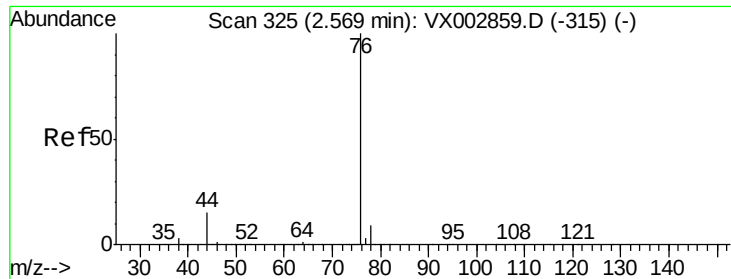
58 29.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 5.15 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

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Acq: 06 Jul 2018 05:27

Instrument :

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ClientSampleId :

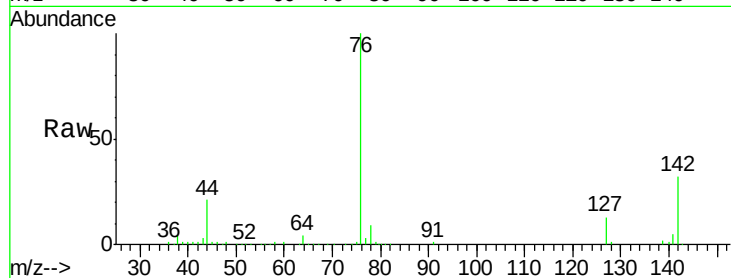
WP022RW349-180702

Tot Ion: 76 Resp: 40962

Ion Ratio Lower Upper

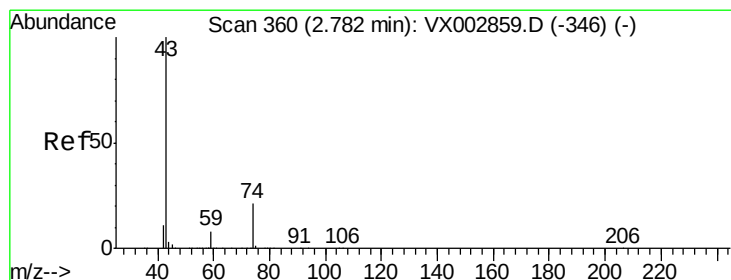
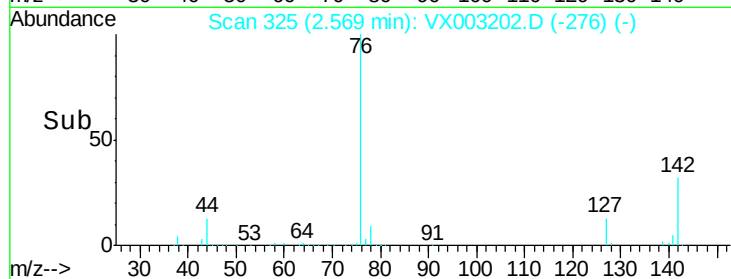
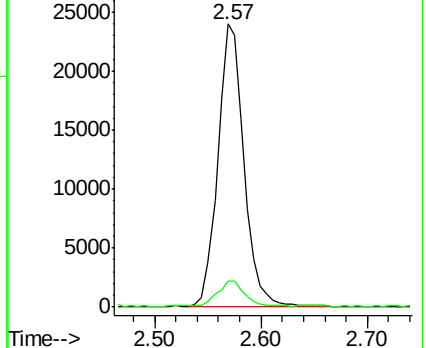
76 100

78 9.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.60 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003202.D

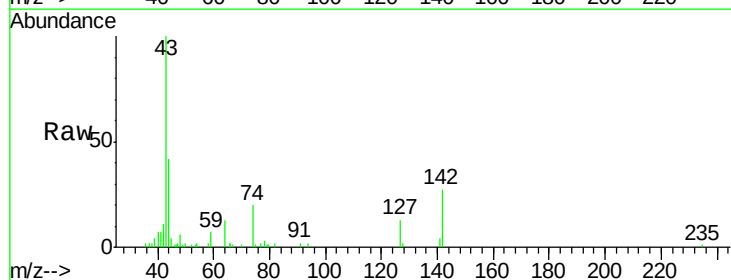
Acq: 06 Jul 2018 05:27

Tgt Ion: 43 Resp: 7737

Ion Ratio Lower Upper

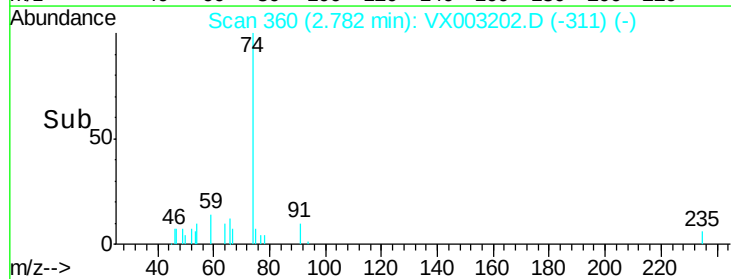
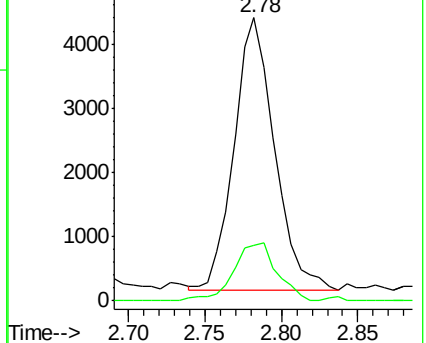
43 100

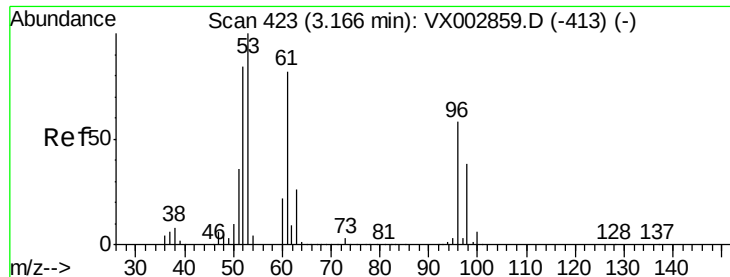
74 22.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.89 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180702

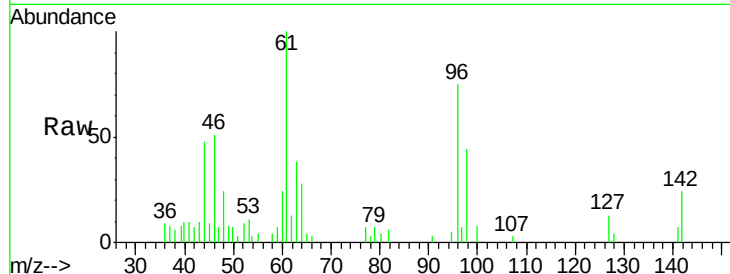
Tot Ion: 96 Resp: 2894

Ion Ratio Lower Upper

96 100

61 133.0 117.0 175.4

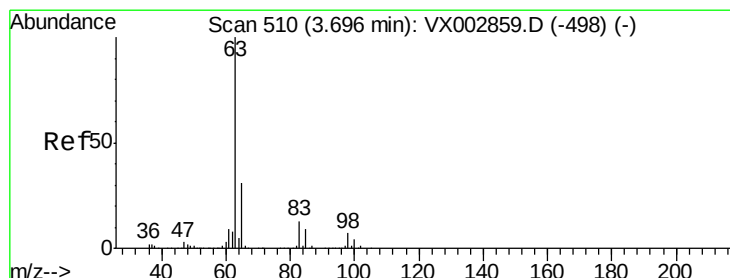
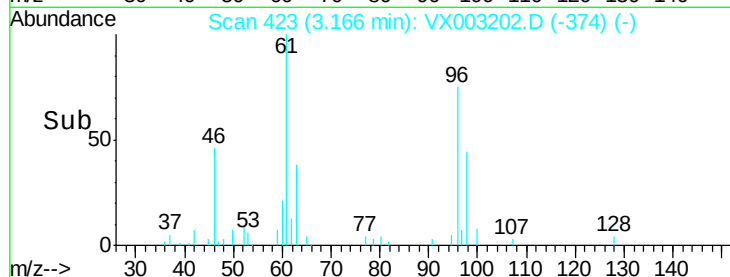
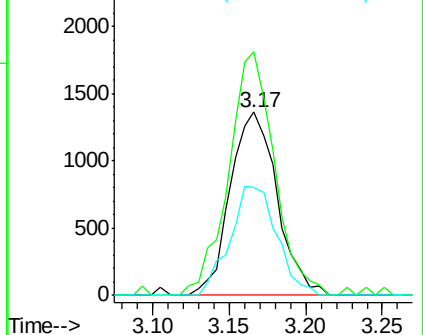
98 58.6 52.4 78.6



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



#24

1,1-Dichloroethane

Concen: 4.64 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

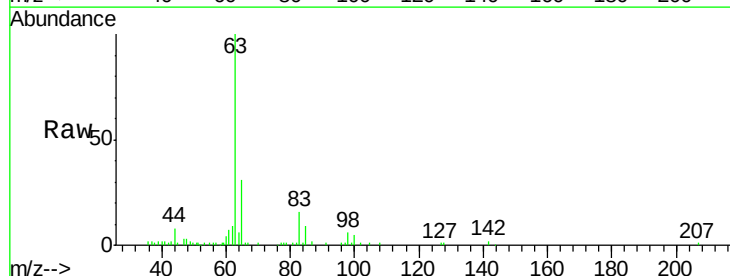
Tgt Ion: 63 Resp: 28394

Ion Ratio Lower Upper

63 100

98 5.9 3.4 10.2

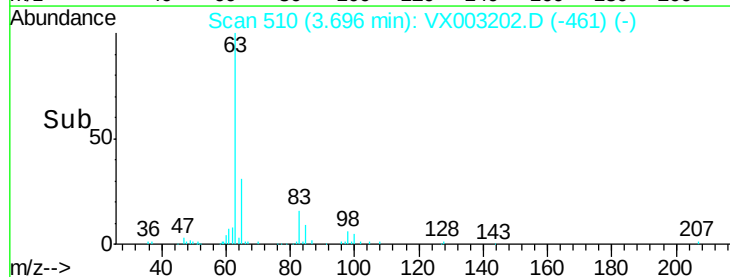
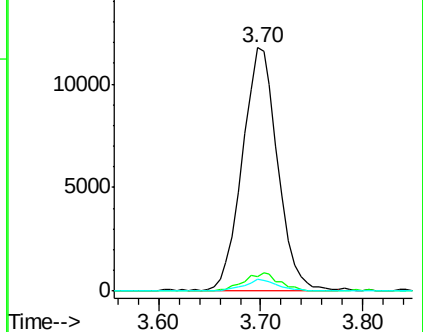
100 5.1 2.0 6.0

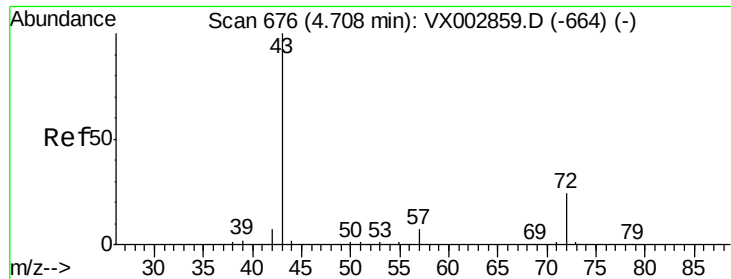


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 64.93 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

MSVOA_X

ClientSampleId :

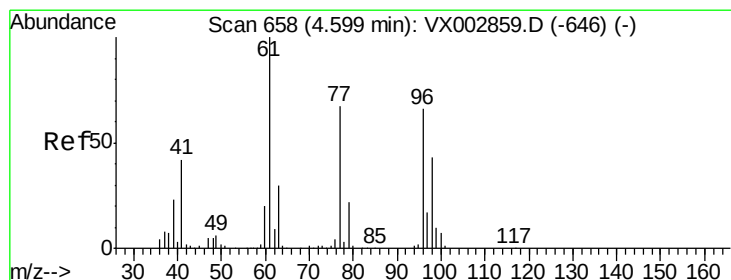
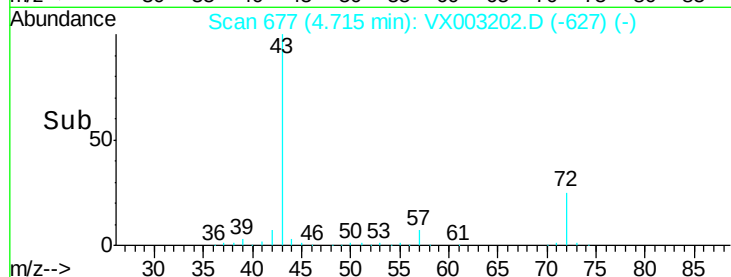
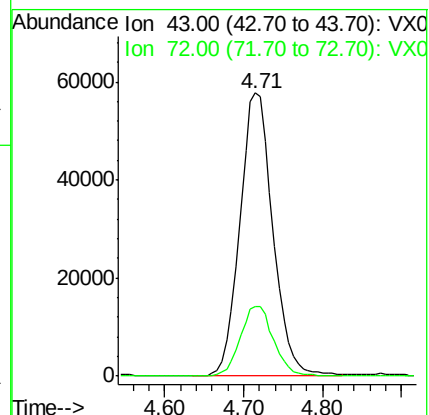
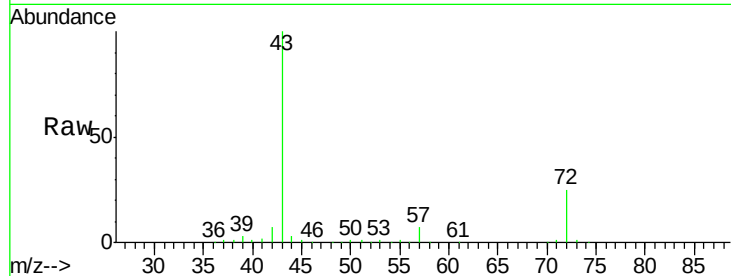
WP022RW349-180702

Tot Ion: 43 Resp: 167048

Ion Ratio Lower Upper

43 100

72 24.6 18.5 27.7



#27

cis-1,2-Dichloroethene

Concen: 5.29 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

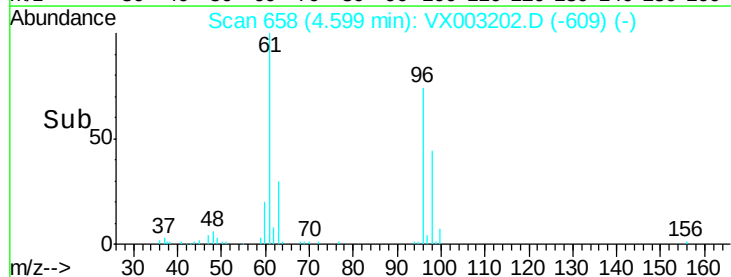
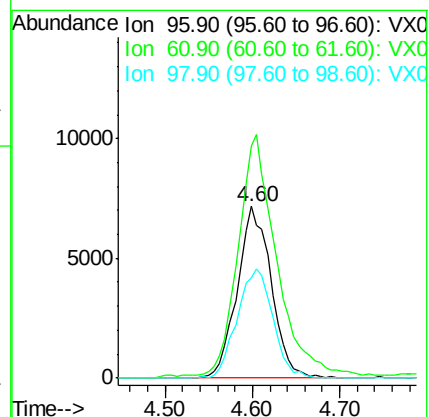
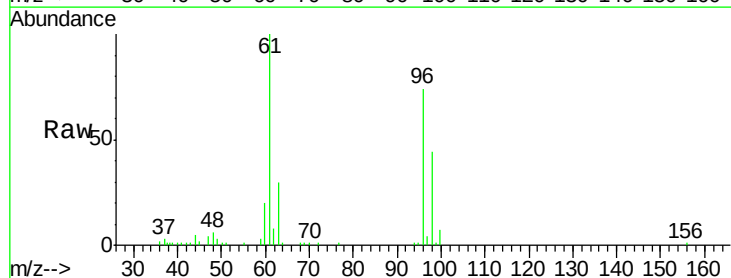
Tgt Ion: 96 Resp: 19308

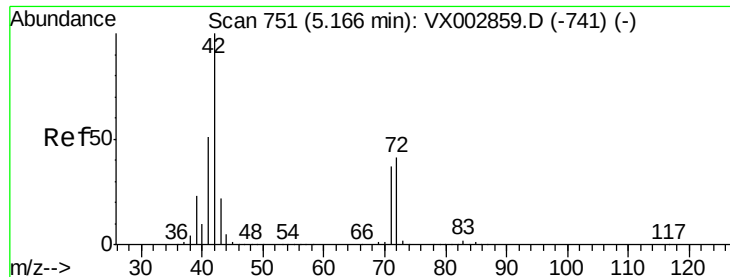
Ion Ratio Lower Upper

96 100

61 161.0 0.0 330.2

98 66.4 0.0 130.2





#29

Tetrahydrofuran

Concen: 0.51 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.02 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180702

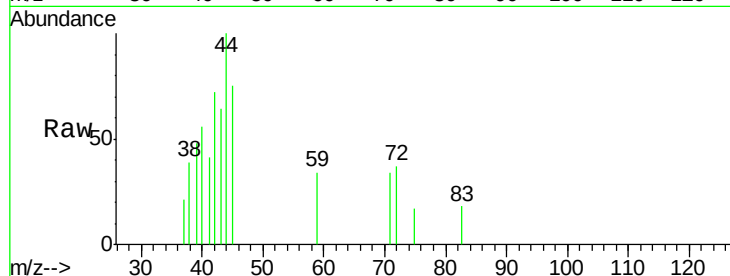
Tot Ion: 42 Resp: 839

Ion Ratio Lower Upper

42 100

72 23.6 32.0 48.0#

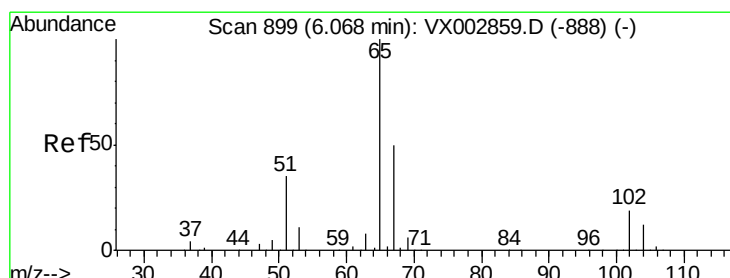
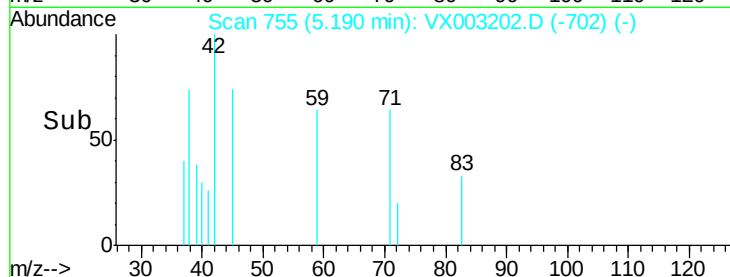
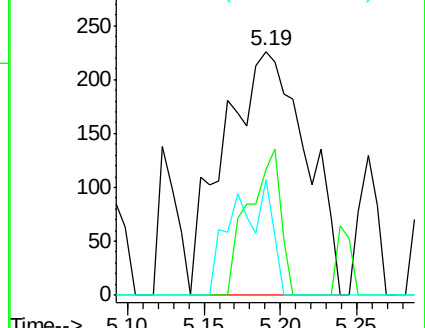
71 22.1 30.1 45.1#



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



#33

1,2-Dichloroethane-d4

Concen: 44.61 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003202.D

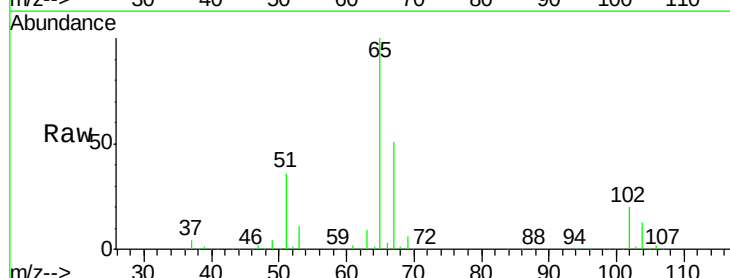
Acq: 06 Jul 2018 05:27

Tgt Ion: 65 Resp: 186740

Ion Ratio Lower Upper

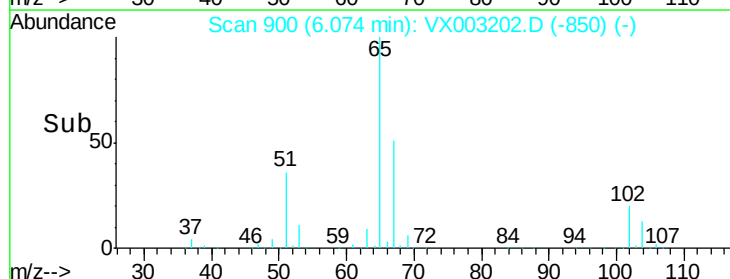
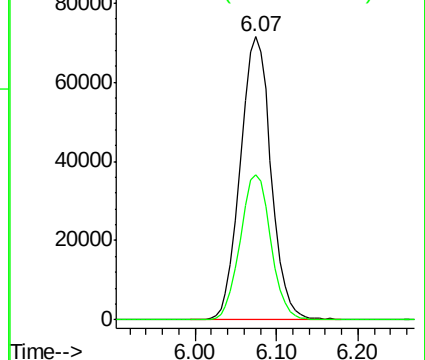
65 100

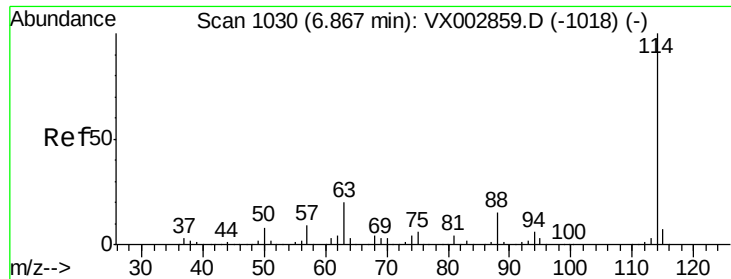
67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180702

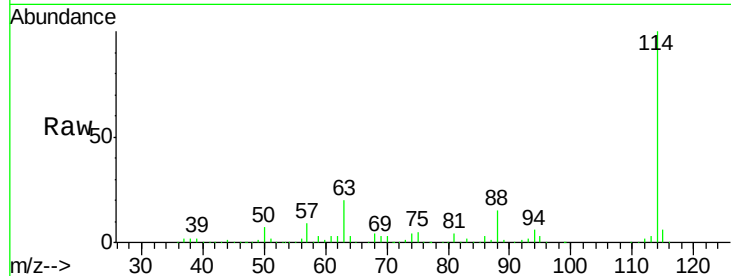
Tot Ion:114 Resp: 397178

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

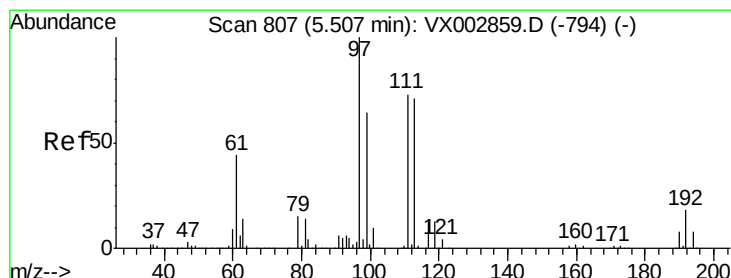
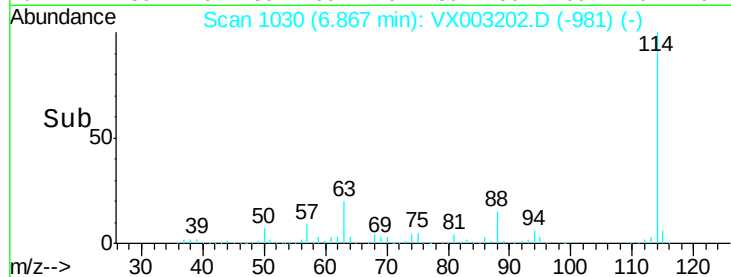
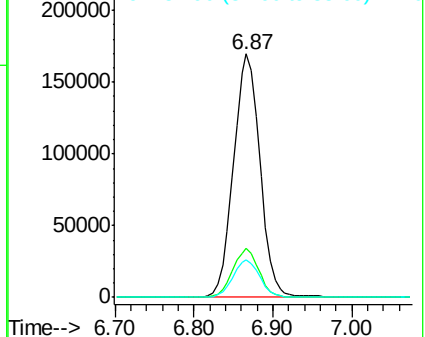
88 15.3 0.0 30.0



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: 51.96 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

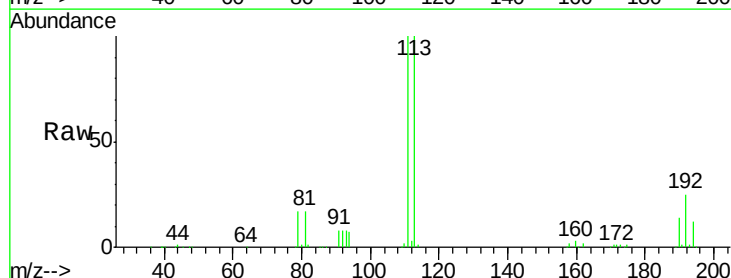
Tgt Ion:113 Resp: 163422

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

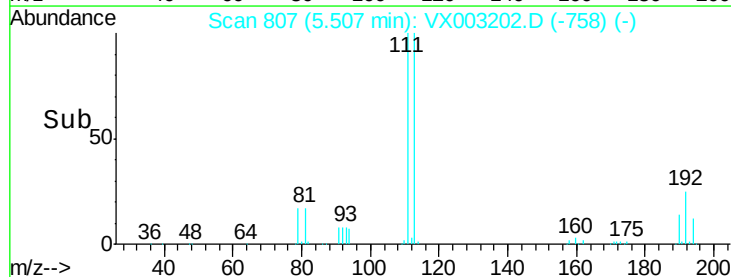
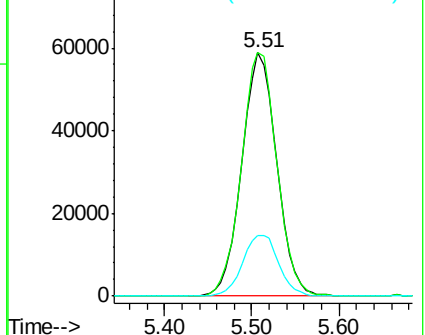
192 25.9 19.1 28.7

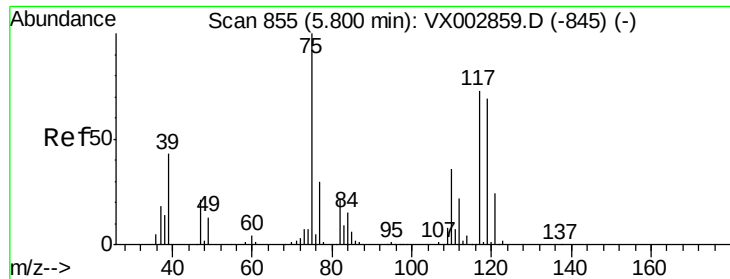


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.39 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180702

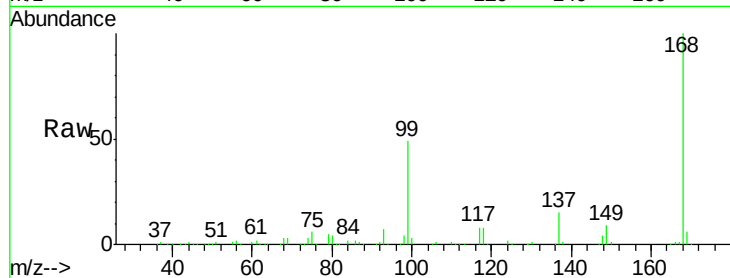
Tot Ion: 75 Resp: 19108

Ion Ratio Lower Upper

75 100

110 10.0 18.1 54.4#

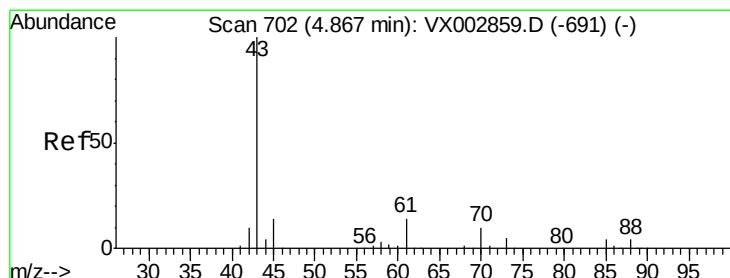
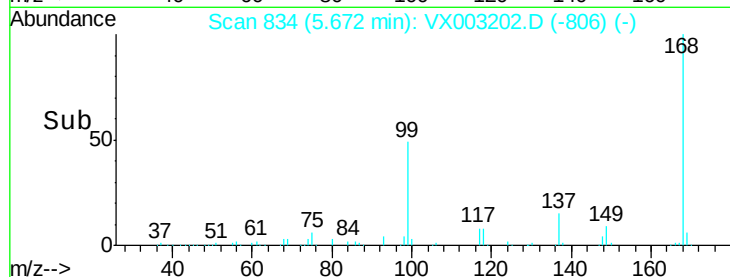
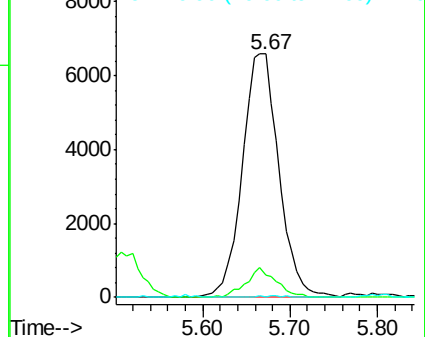
77 0.4 24.3 36.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 35.62 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.15 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

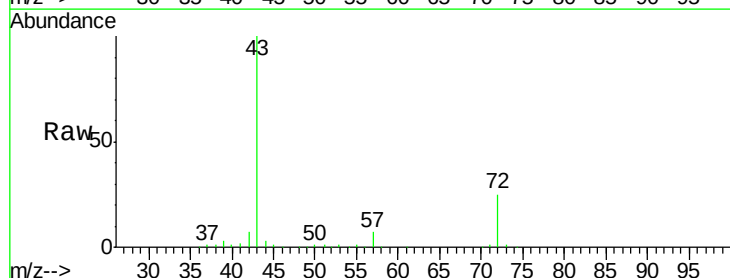
Tgt Ion: 43 Resp: 167048

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

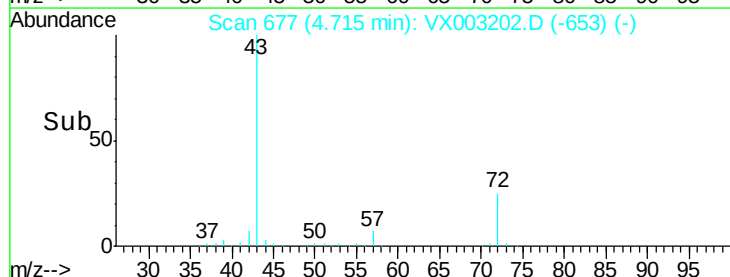
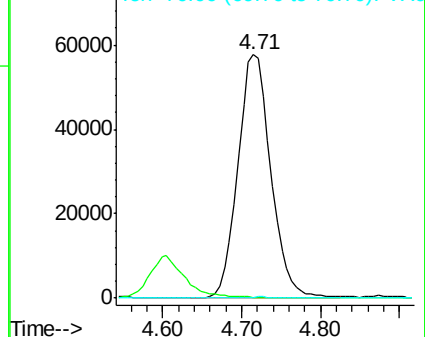
70 0.4 7.6 11.4#

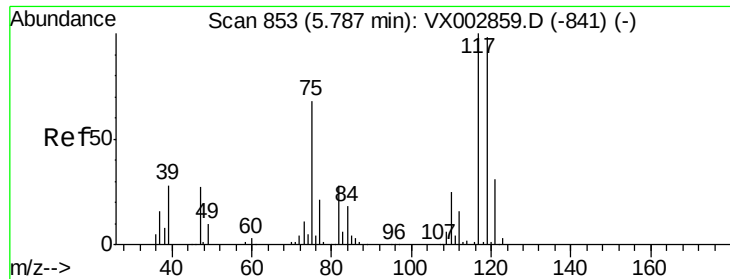


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

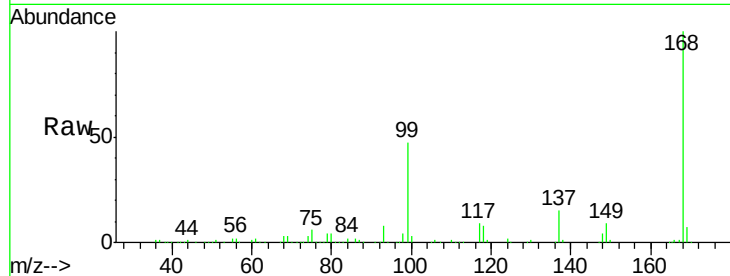




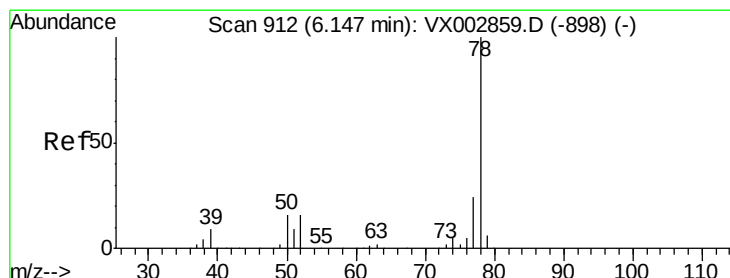
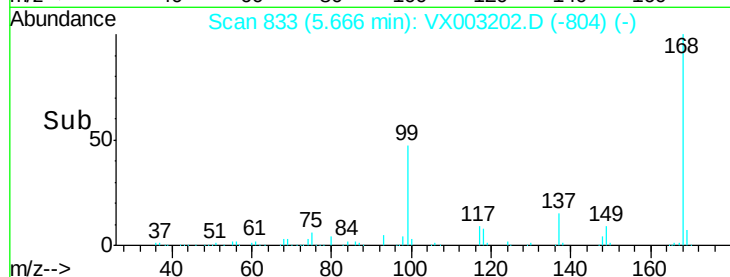
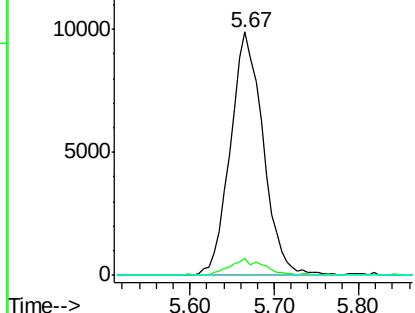
#38
Carbon Tetrachloride
Concen: 5.47 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003202.D
Acq: 06 Jul 2018 05:27

Instrument :
MSVOA_X
ClientSampleId :
WP022RW349-180702

Tot Ion:117 Resp: 26145
Ion Ratio Lower Upper
117 100
119 7.0 77.4 116.0#
121 0.0 24.4 36.6#

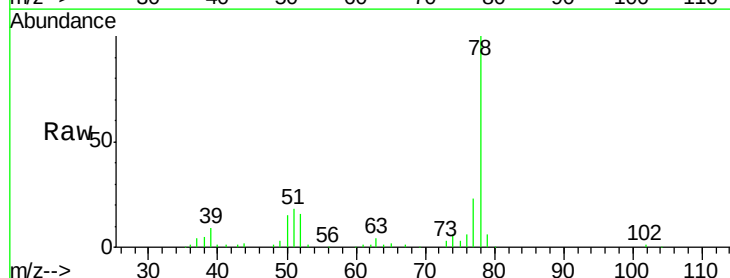


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

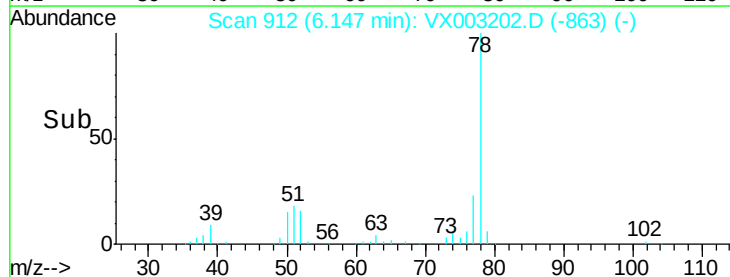
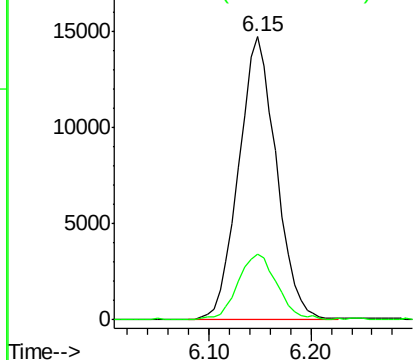


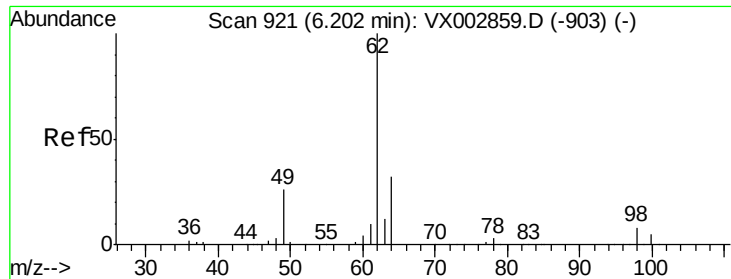
#40
Benzene
Concen: 2.99 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003202.D
Acq: 06 Jul 2018 05:27

Tgt Ion: 78 Resp: 37868
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 0.32 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

MSVOA_X

ClientSampleId :

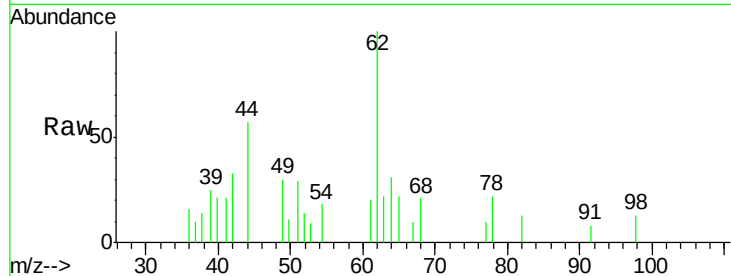
WP022RW349-180702

Tot Ion: 62 Resp: 1649

Ion Ratio Lower Upper

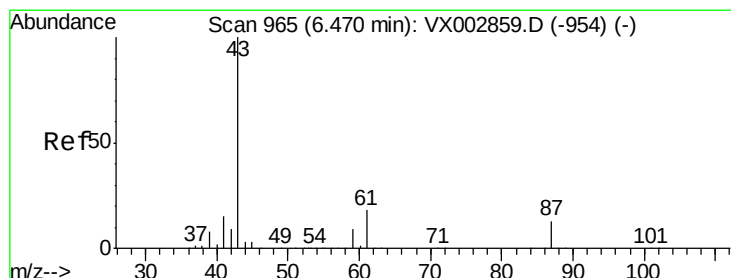
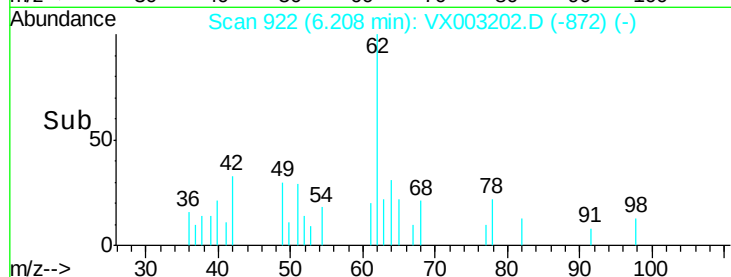
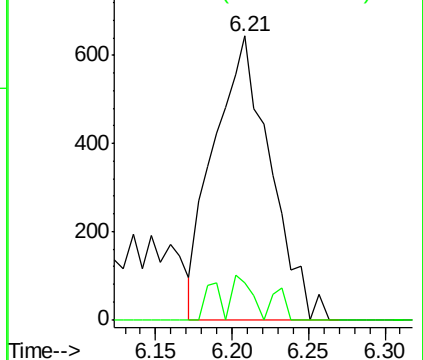
62 100

98 5.3 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 0.88 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

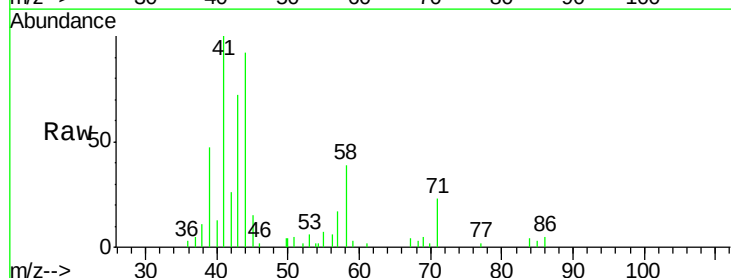
Tgt Ion: 43 Resp: 6923

Ion Ratio Lower Upper

43 100

61 1.0 14.4 21.6#

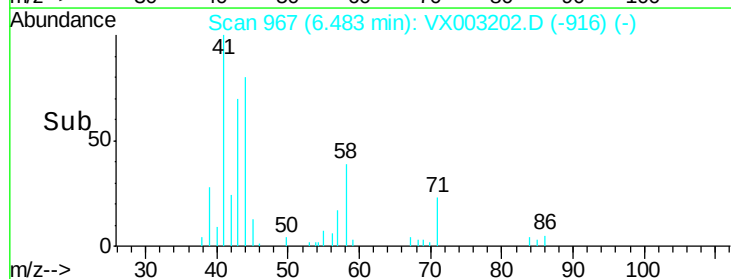
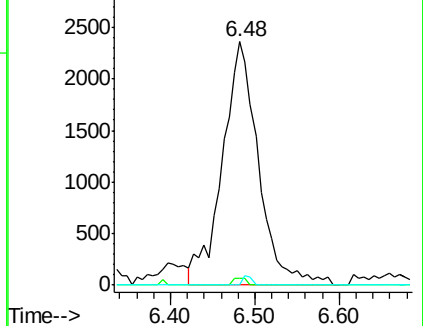
87 0.9 9.5 14.3#

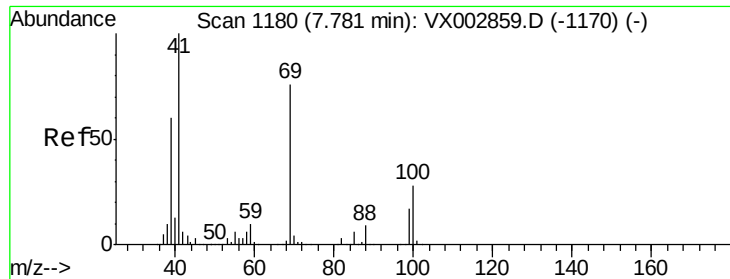


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

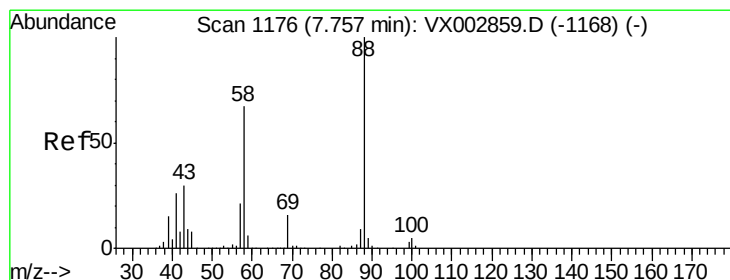
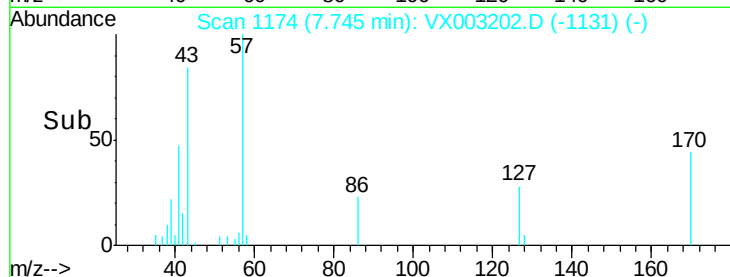
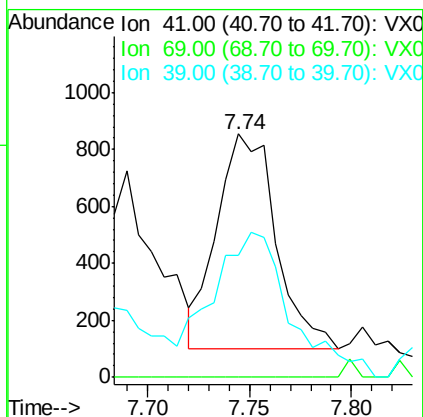
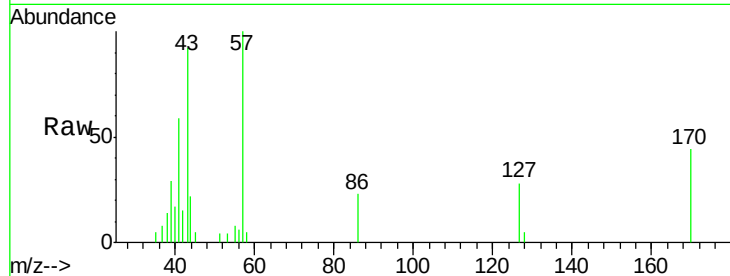




#48
Methvl methacrylate
Concen: 0.38 ug/l
RT: 7.74 min Scan# 1174
Delta R.T. -0.04 min
Lab File: VX003202.D
Acq: 06 Jul 2018 05:27

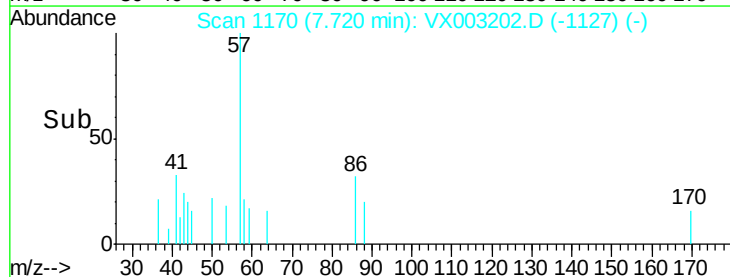
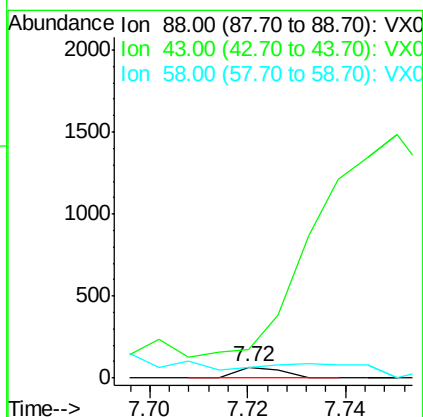
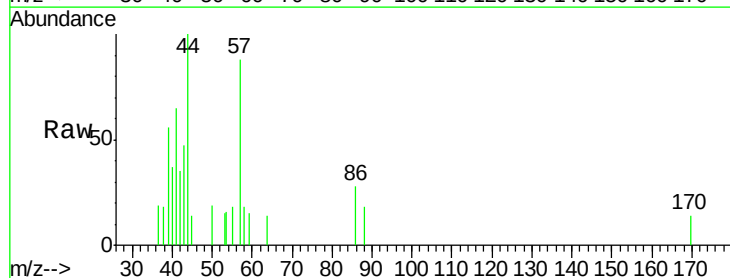
Instrument :
MSVOA_X
ClientSampleId :
WP022RW349-180702

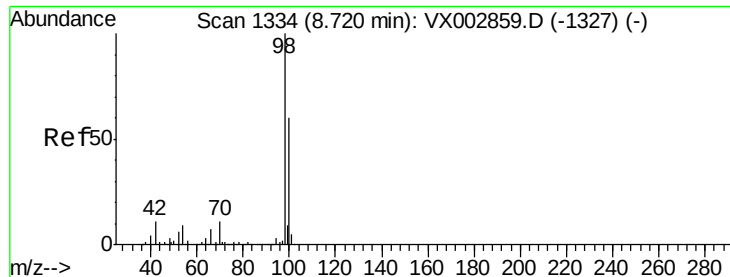
Tot Ion: 41 Resp: 1520
Ion Ratio Lower Upper
41 100
69 0.0 59.1 88.7#
39 89.8 48.9 73.3#



#49
1,4-Dioxane
Concen: 0.55 ug/l
RT: 7.72 min Scan# 1170
Delta R.T. -0.04 min
Lab File: VX003202.D
Acq: 06 Jul 2018 05:27

Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
43 0.0 29.8 44.6#
58 272.1 57.1 85.7#





#50

Toluene-d8

Concen: 48.06 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

MSVOA_X

ClientSampleId :

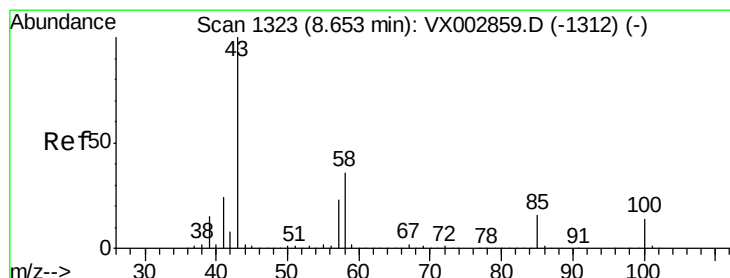
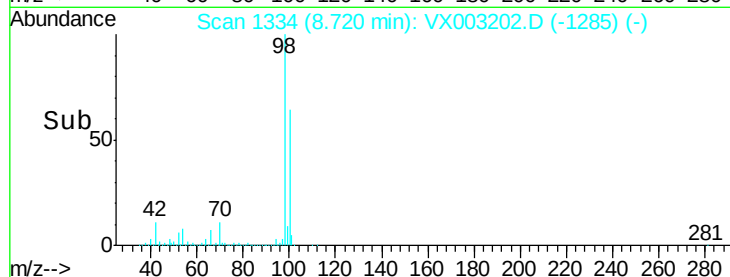
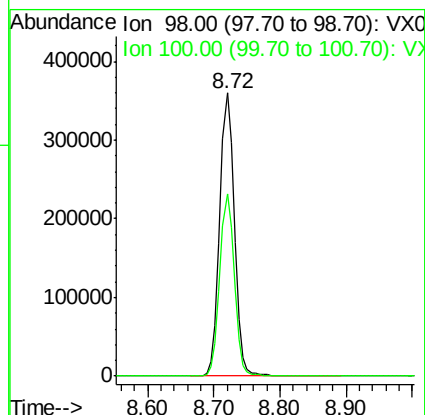
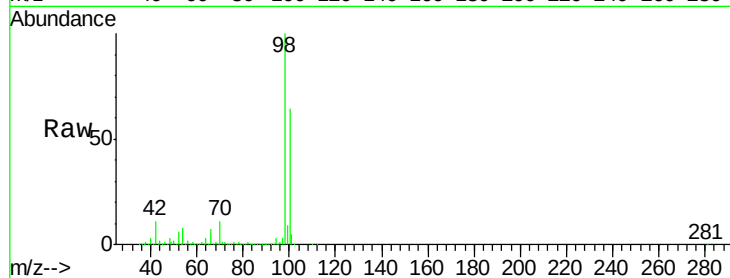
WP022RW349-180702

Tot Ion: 98 Resp: 551980

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.30 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003202.D

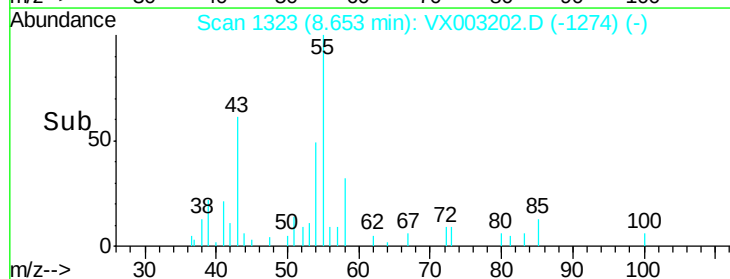
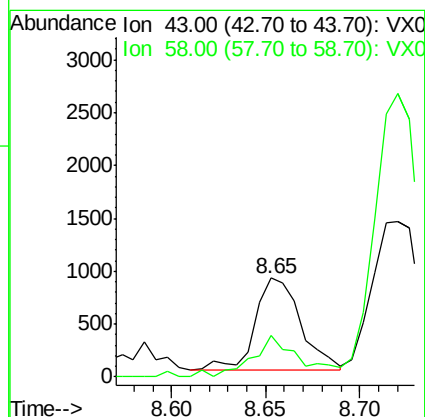
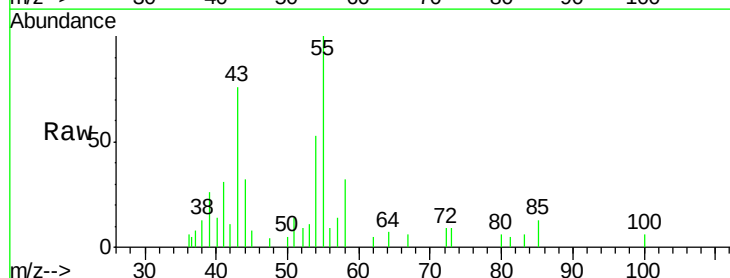
Acq: 06 Jul 2018 05:27

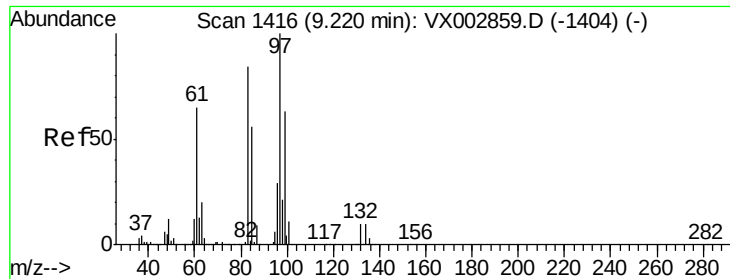
Tgt Ion: 43 Resp: 1464

Ion Ratio Lower Upper

43 100

58 45.1 28.6 42.8#

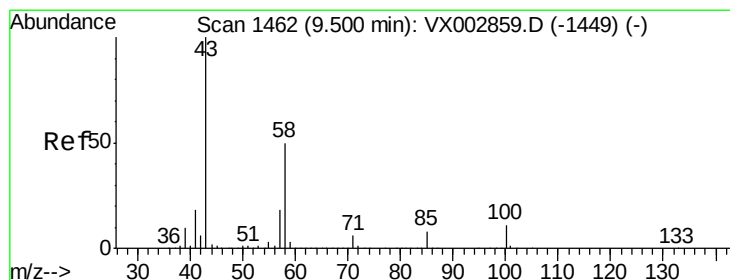
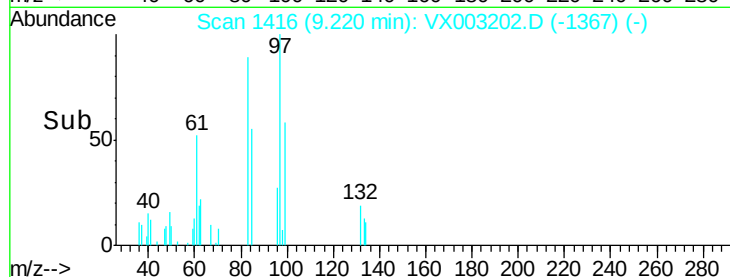
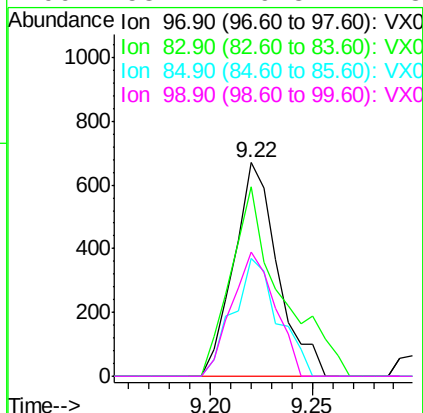
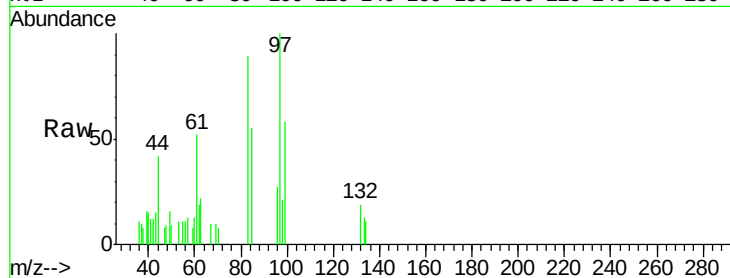




#55
 1,1,2-Trichloroethane
 Concen: 0.30 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003202.D
 Acq: 06 Jul 2018 05:27

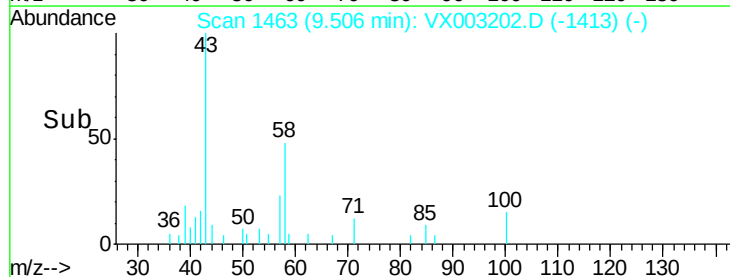
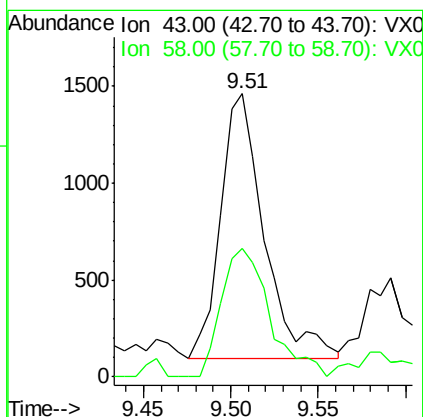
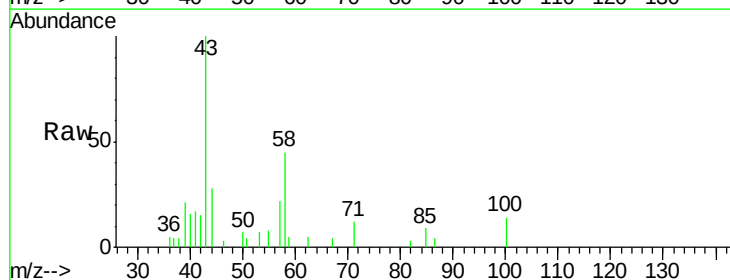
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW349-180702

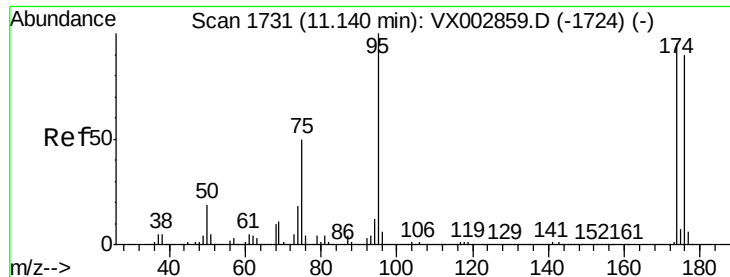
Tot Ion:	97	Resp:	1005
Ion	Ratio	Lower	Upper
97	100		
83	89.0	70.2	105.2
85	55.2	44.9	67.3
99	58.4	49.8	74.8



#59
 2-Hexanone
 Concen: 0.63 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VX003202.D
 Acq: 06 Jul 2018 05:27

Tgt Ion:	43	Resp:	2374
Ion	Ratio	Lower	Upper
43	100		
58	53.7	24.6	73.6





#62

4-Bromofluorobenzene

Concen: 43.17 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180702

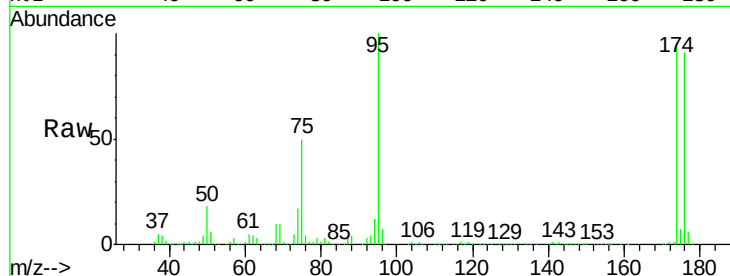
Tot Ion: 95 Resp: 191215

Ion Ratio Lower Upper

95 100

174 99.1 0.0 187.4

176 94.8 0.0 181.0

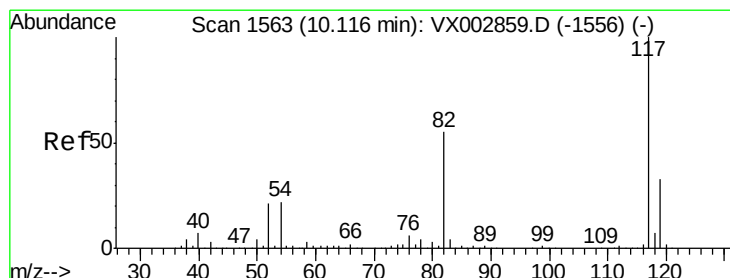
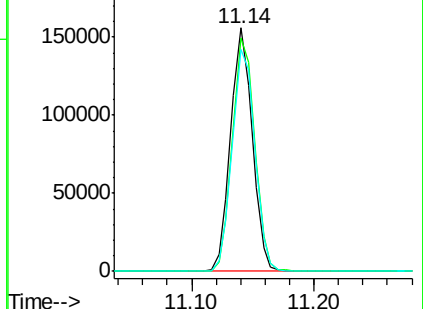
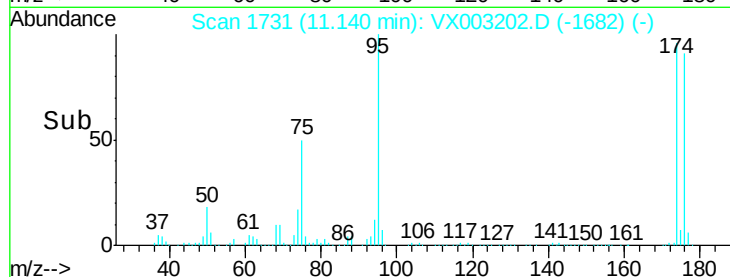


Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

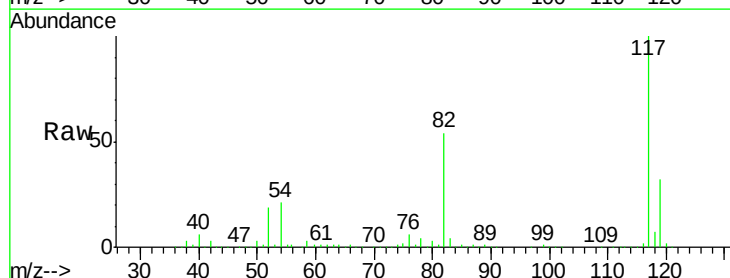
Tgt Ion: 117 Resp: 365391

Ion Ratio Lower Upper

117 100

82 53.8 45.0 67.4

119 32.3 25.8 38.6

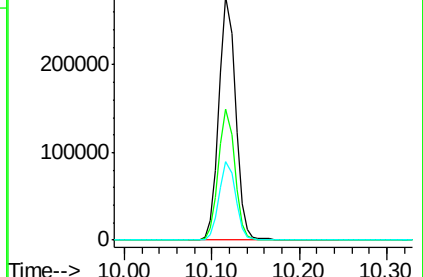
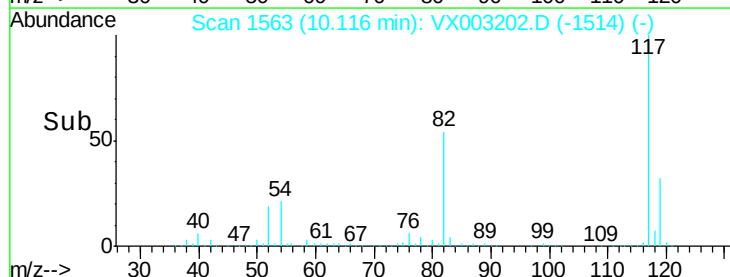


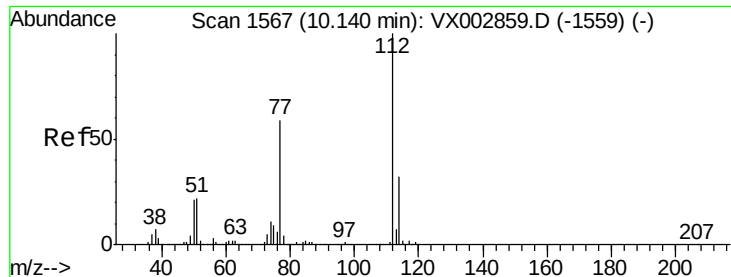
Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)

Time-->

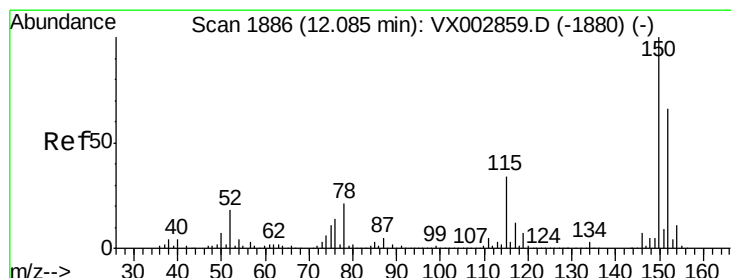
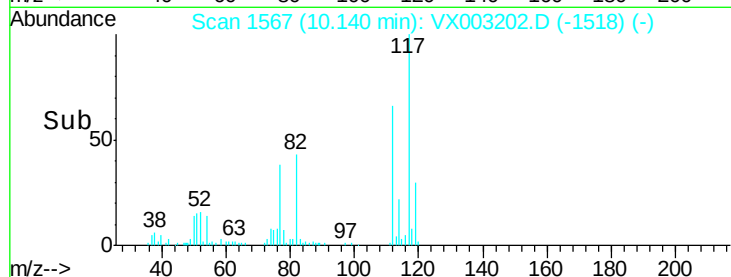
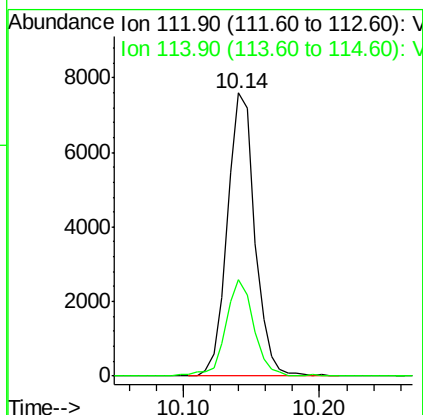
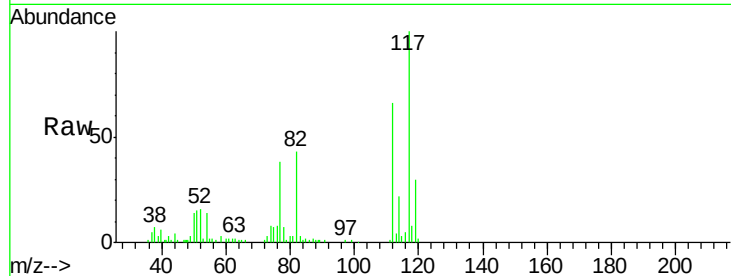




#65
Chlorobenzene
Concen: 1.15 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003202.D
Acq: 06 Jul 2018 05:27

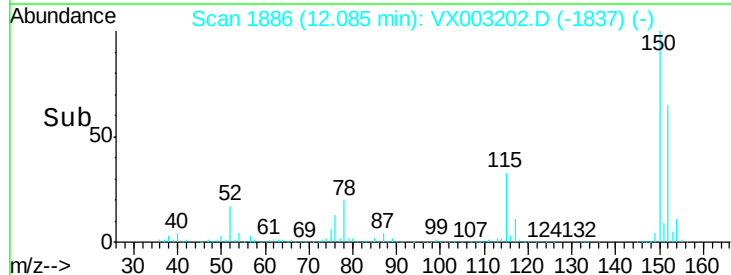
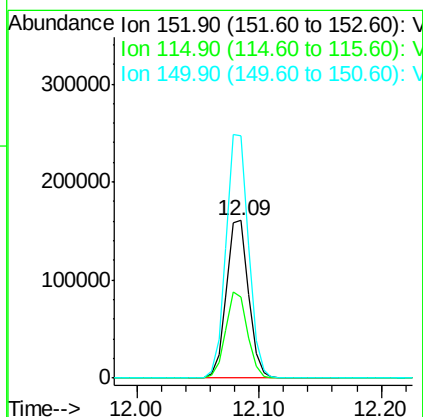
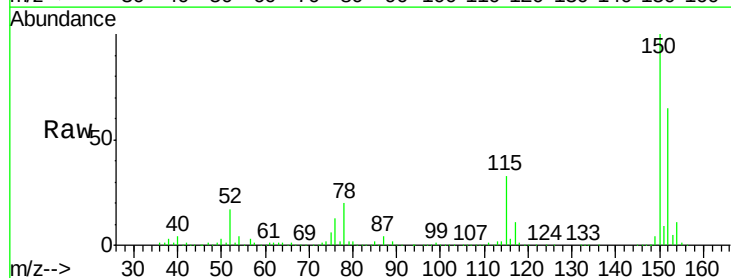
Instrument :
MSVOA_X
ClientSampleId :
WP022RW349-180702

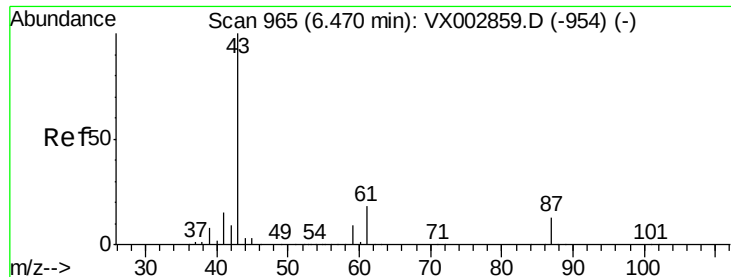
Tot Ion:112 Resp: 10687
Ion Ratio Lower Upper
112 100
114 34.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX003202.D
Acq: 06 Jul 2018 05:27

Tgt Ion:152 Resp: 200862
Ion Ratio Lower Upper
152 100
115 53.8 40.1 120.2
150 156.6 0.0 347.2





#74

N-amvl acetate

Concen: 1.05 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180702

Tot Ion: 43 Resp: 6923

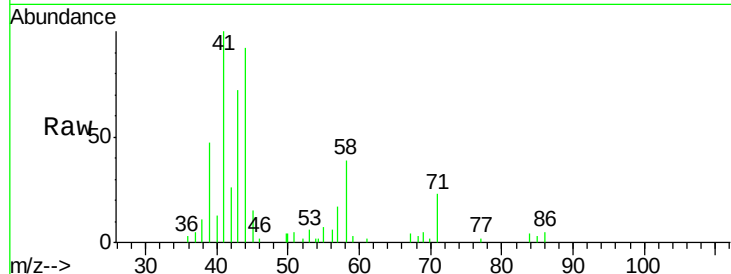
Ion Ratio Lower Upper

43 100

70 1.1 0.0 0.0#

55 11.5 0.0 0.0#

61 1.0 14.4 21.6#

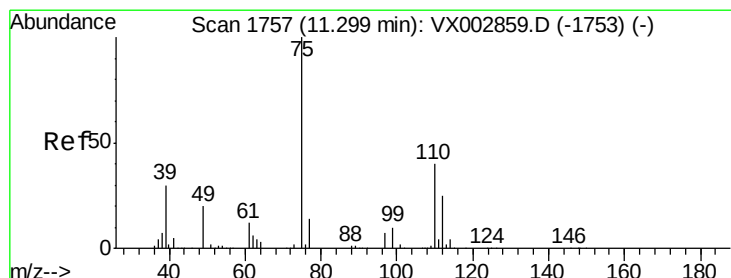
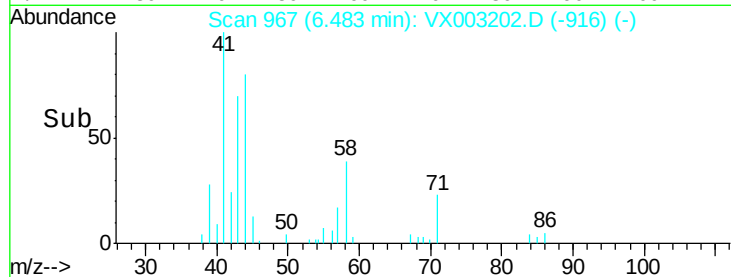
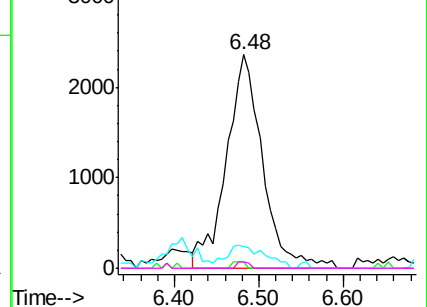


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 26.47 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003202.D

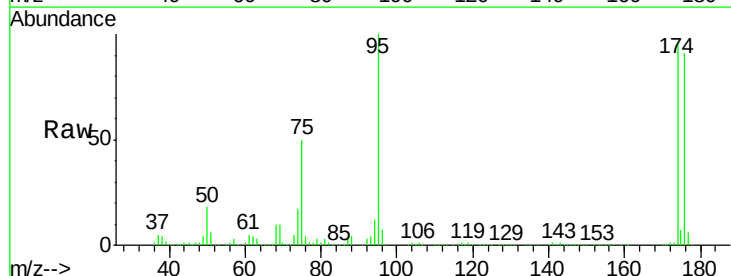
Acq: 06 Jul 2018 05:27

Tgt Ion: 75 Resp: 96314

Ion Ratio Lower Upper

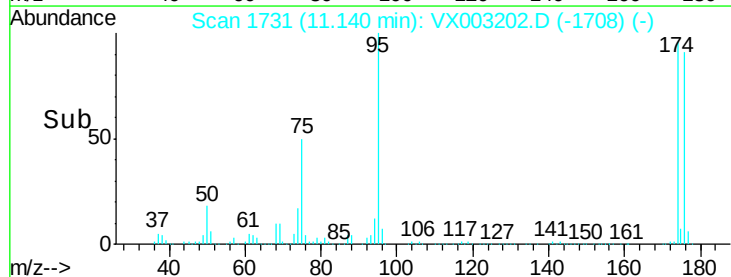
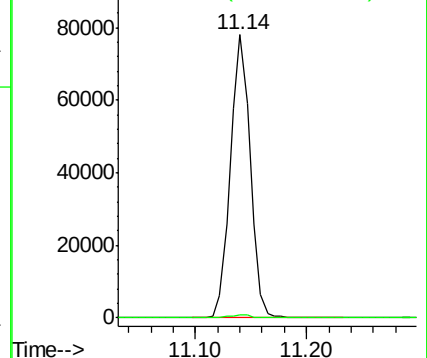
75 100

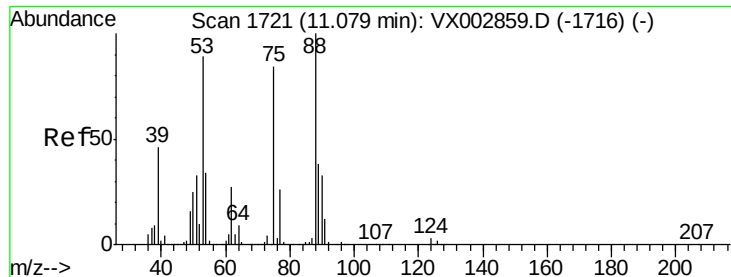
77 1.4 22.8 68.3#



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: 75.00 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180702

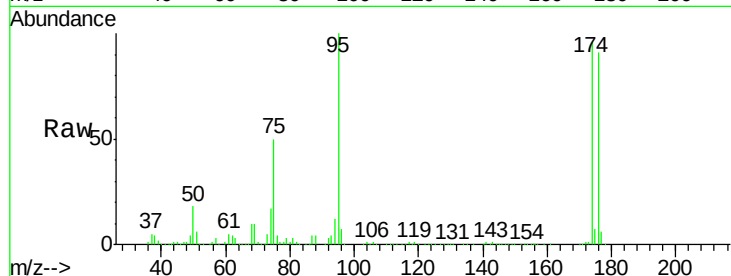
Tot Ion: 75 Resp: 96314

Ion Ratio Lower Upper

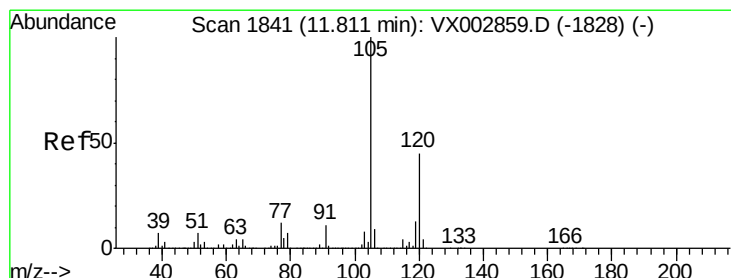
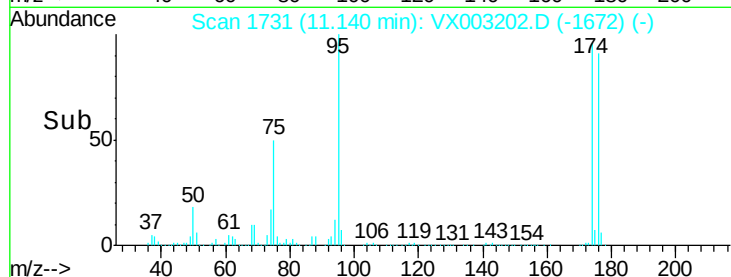
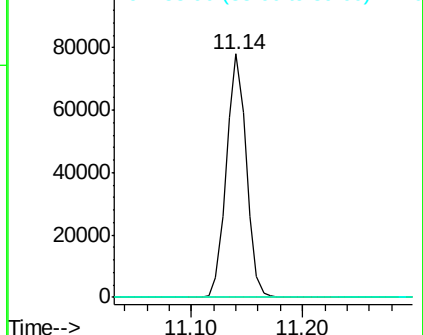
75 100

53 0.2 86.8 130.2#

89 0.0 38.2 57.2#



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: 0.40 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003202.D

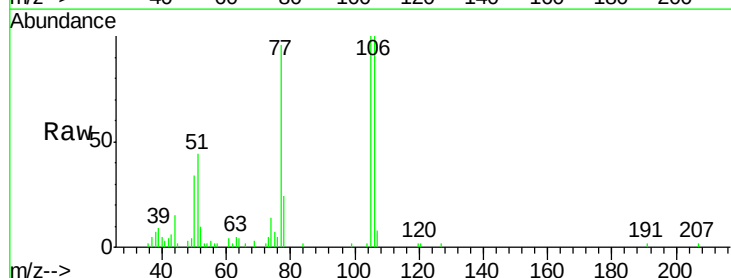
Acq: 06 Jul 2018 05:27

Tgt Ion: 105 Resp: 4658

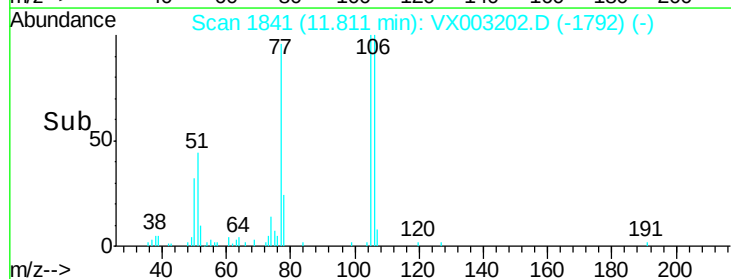
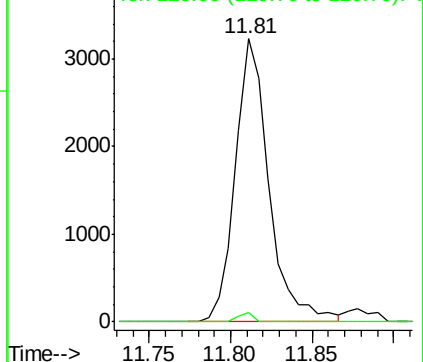
Ion Ratio Lower Upper

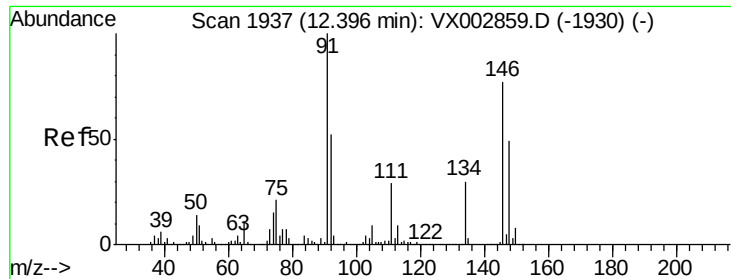
105 100

120 1.4 22.3 66.8#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#91

1,2-Dichlorobenzene

Concen: 1.38 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003202.D

Acq: 06 Jul 2018 05:27

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-180702

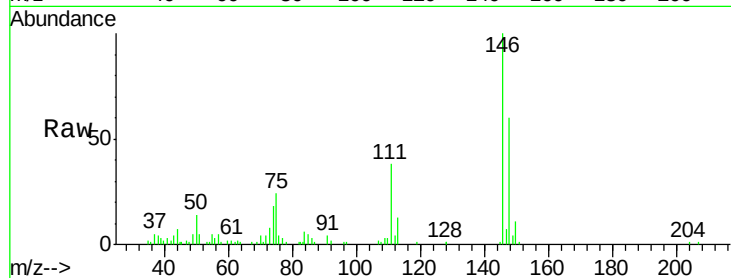
Tot Ion:146 Resp: 9824

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.1

148 63.6 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

