

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002964.D
 Acq On : 28 Jun 2018 04:25
 Operator : JC/MD
 Sample : J3718-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:51:51 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	264893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205595	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	179383	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.98%		
35) Dibromofluoromethane	5.51	113	145393	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.68%		
50) Toluene-d8	8.72	98	523771	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.34%		
62) 4-Bromofluorobenzene	11.14	95	193261	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.14%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	20	Below Cal	#	43
3) Chloromethane	1.32	50	37269	14.33	ug/l	46
4) Vinyl Chloride	1.40	62	677	0.23	ug/l	1
5) Bromomethane	1.66	94	1224	Below Cal		87
10) Methyl Iodide	2.52	142	2339	6.92	ug/l	90
11) Tert butyl alcohol	3.07	59	945	1.30	ug/l	98
13) Acrolein	2.29	56	120	4.52	ug/l	28
16) Acetone	2.45	43	2144	1.41	ug/l	87
17) Carbon Disulfide	2.57	76	6677	0.96	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	5893	0.63	ug/l	93
25) 2-Butanone	4.71	43	527	0.23	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	1960	0.61	ug/l	1
29) Tetrahydrofuran	5.17	42	579	0.40	ug/l	45
31) Cyclohexane	5.57	56	1440	0.31	ug/l	75
36) 1,1-Dichloropropene	5.67	75	17823	4.37	ug/l	51
38) Carbon Tetrachloride	5.67	117	24293	5.42	ug/l	15
39) Methylcyclohexane	7.46	83	1775	0.37	ug/l	93
40) Benzene	6.15	78	9625	0.81	ug/l	96
49) 1,4-Dioxane	7.49	88	32	0.43	ug/l	1
65) Chlorobenzene	10.14	112	4657	0.53	ug/l	99
67) Ethyl Benzene	10.26	91	3933	0.27	ug/l	94
73) Isopropylbenzene	11.02	105	40900	2.96	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.28	83	1381	0.32	ug/l	40
76) 1,2,3-Trichloropropane	11.14	75	99656	26.76	ug/l	33
78) n-propylbenzene	11.37	91	5980	0.38	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	99656	75.78	ug/l	6
83) tert-Butylbenzene	11.77	119	10617	0.92	ug/l	94
85) sec-Butylbenzene	11.95	105	38281	2.75	ug/l	82
86) p-Isopropyltoluene	12.24	119	34180	2.73	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	3171	0.43	ug/l	56
89) n-Butylbenzene	12.37	91	5255	0.48	ug/l	45
90) Hexachloroethane	12.71	117	6308	3.39	ug/l	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1297	1.35	ug/l	1
95) Naphthalene	13.83	128	7307	0.52	ug/l	69

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Response via : Initial Calibration

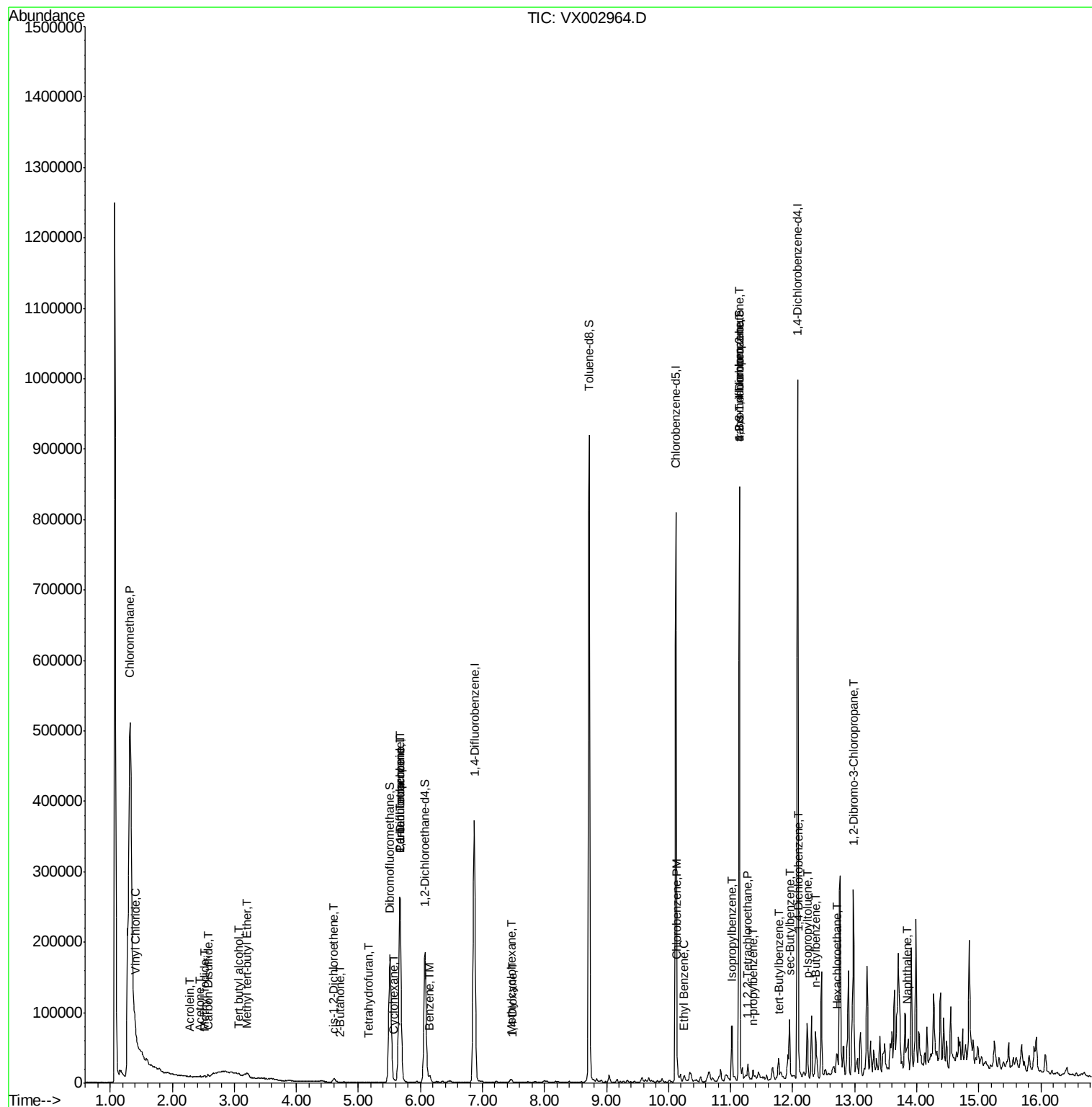
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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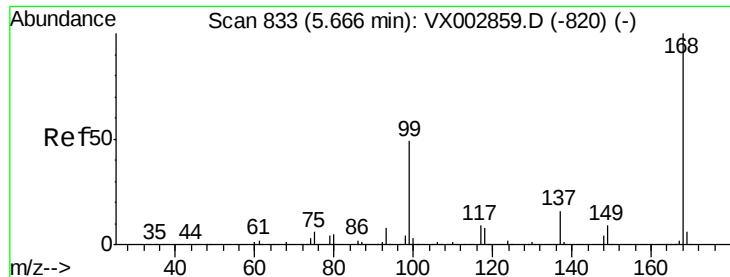
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

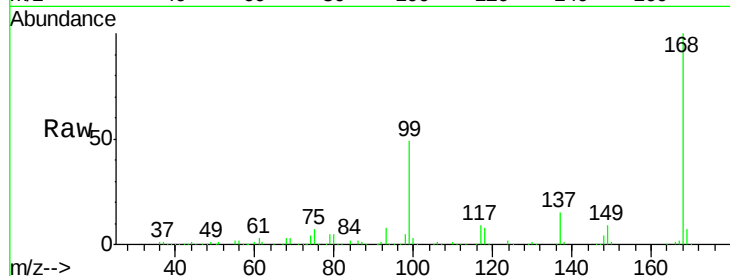
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 264893

Ion Ratio Lower Upper

168 100

99 49.2 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

100000

80000

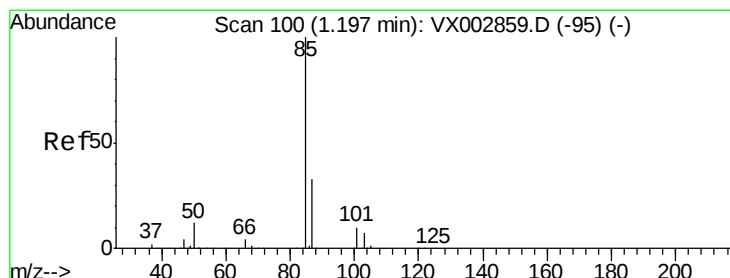
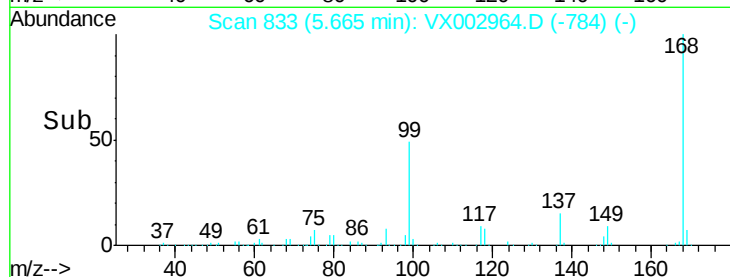
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX002964.D

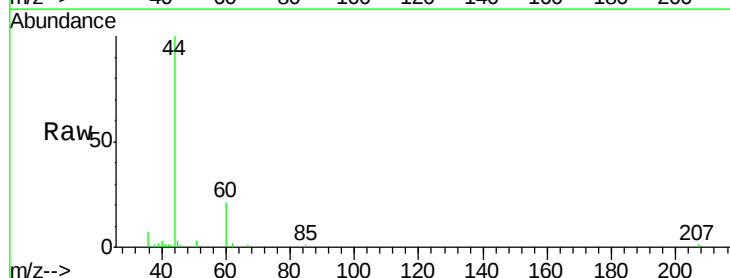
Acq: 28 Jun 2018 04:25

Tgt Ion: 85 Resp: 20

Ion Ratio Lower Upper

85 100

87 0.0 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

60

50

40

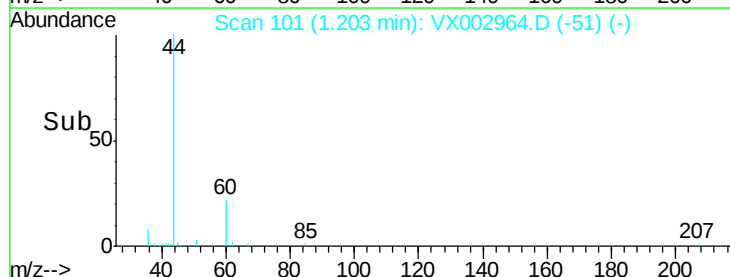
30

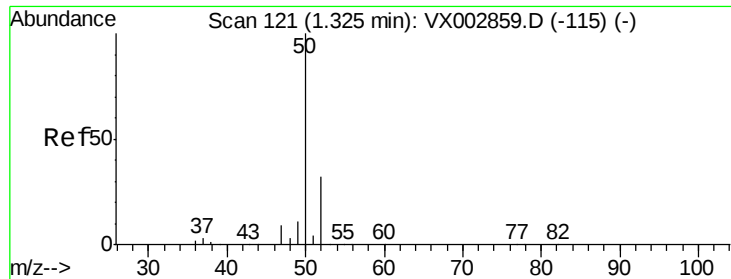
20

10

0

Time--> 1.18 1.19 1.20 1.21 1.22





#3

Chloromethane

Concen: 14.33 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

Instrument :

MSVOA_X

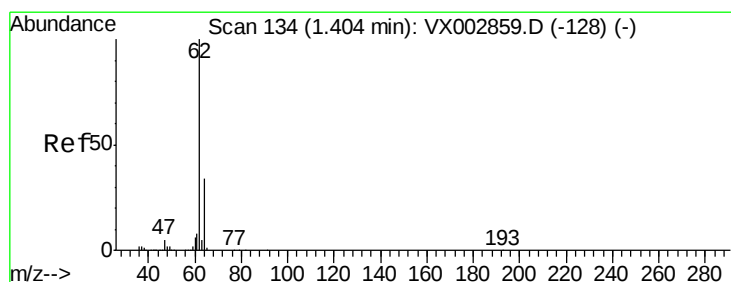
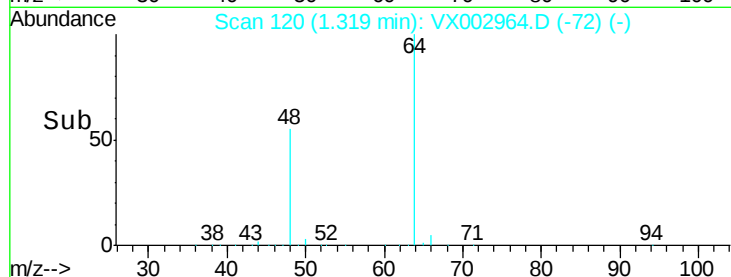
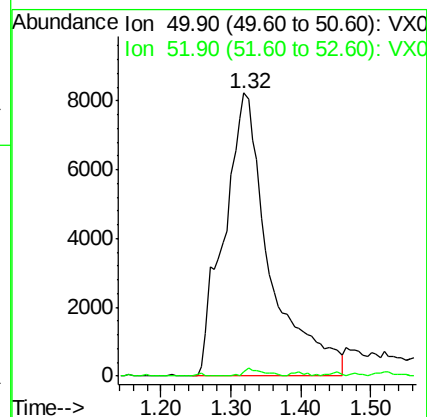
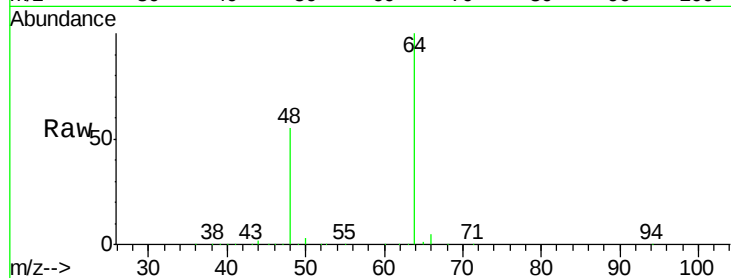
ClientSampleId :

Tot Ion: 50 Resp: 37269

Ion Ratio Lower Upper

50 100

52 2.1 25.7 38.5#



#4

Vinyl Chloride

Concen: 0.23 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002964.D

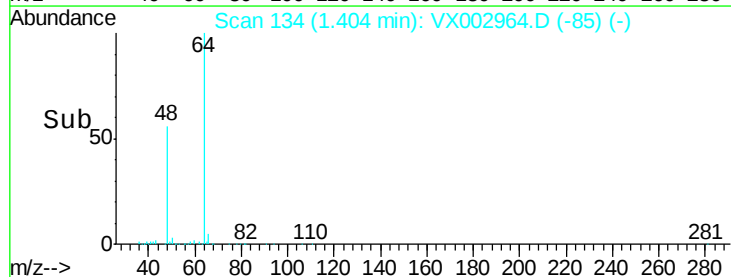
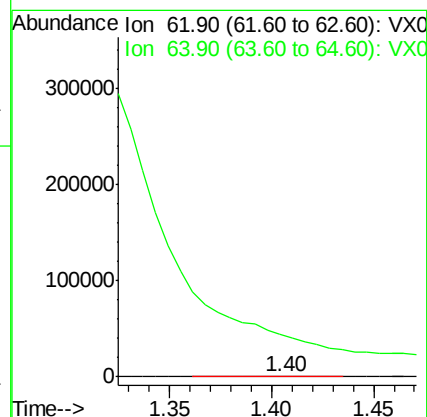
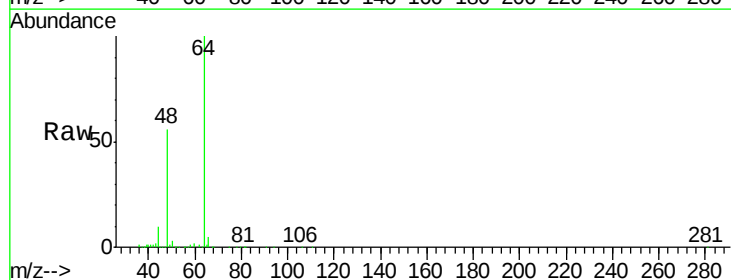
Acq: 28 Jun 2018 04:25

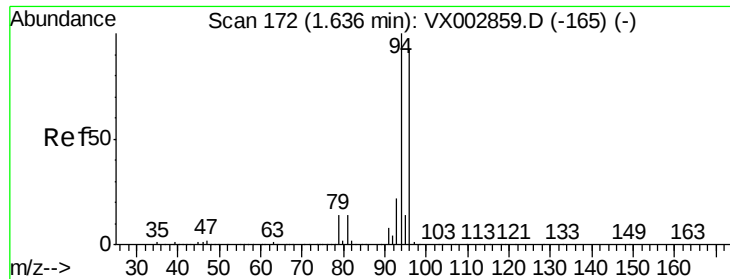
Tgt Ion: 62 Resp: 677

Ion Ratio Lower Upper

62 100

64 3640.1 25.4 38.2#





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

Instrument :

MSVOA_X

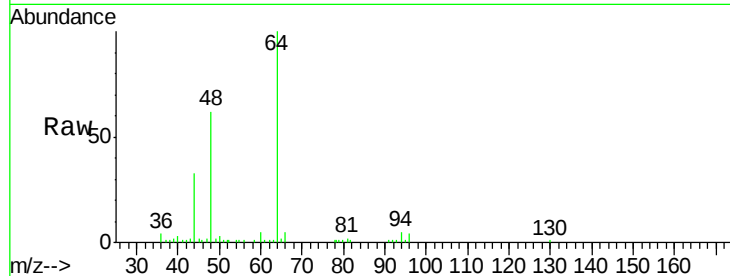
ClientSampleId :

Tot Ion: 94 Resp: 1224

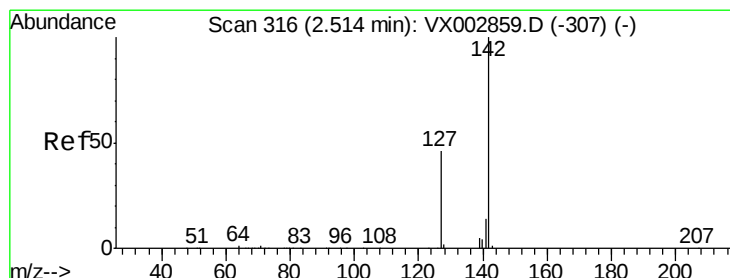
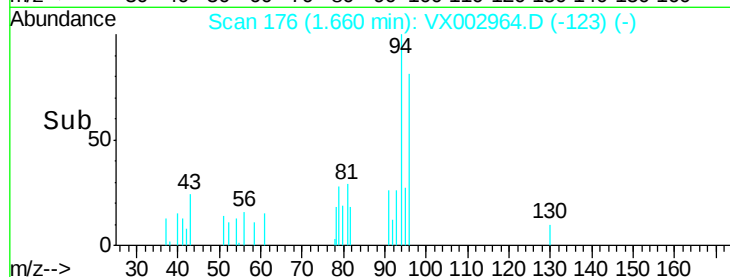
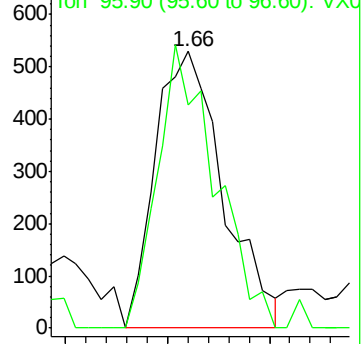
Ion Ratio Lower Upper

94 100

96 80.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX002859.D (-165) (-)



#10

Methyl Iodide

Concen: 6.92 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

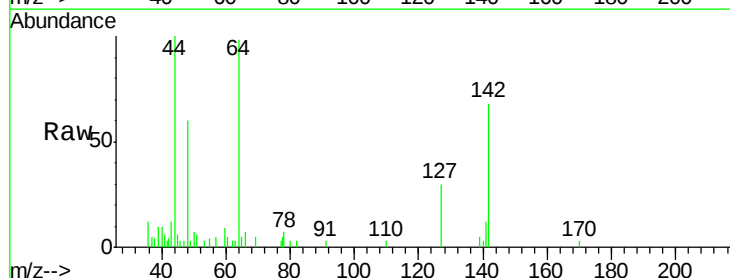
Tgt Ion:142 Resp: 2339

Ion Ratio Lower Upper

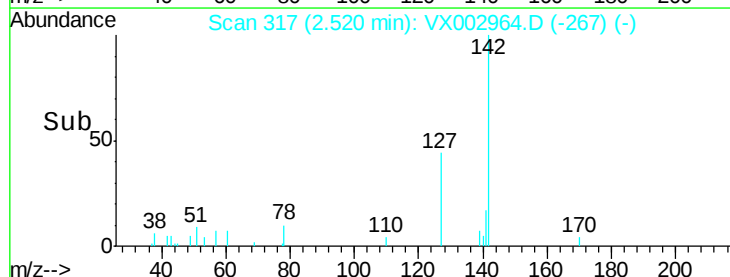
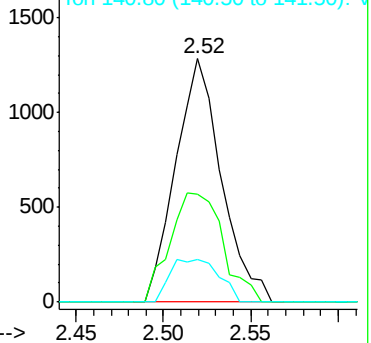
142 100

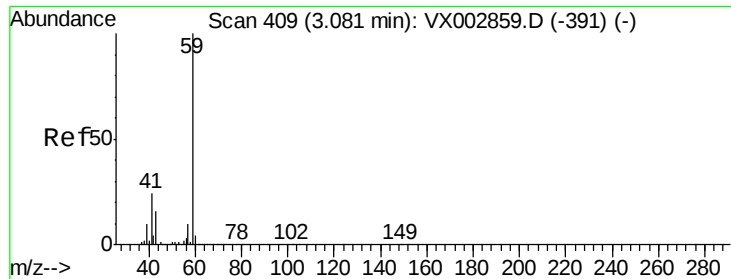
127 51.9 36.6 55.0

141 18.7 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): VX002859.D (-307) (-)

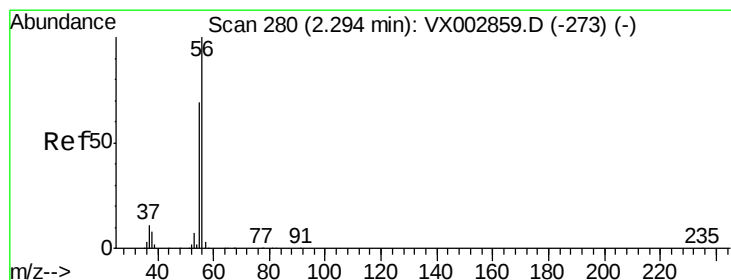
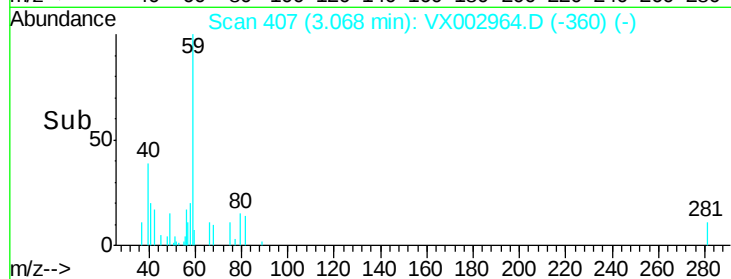
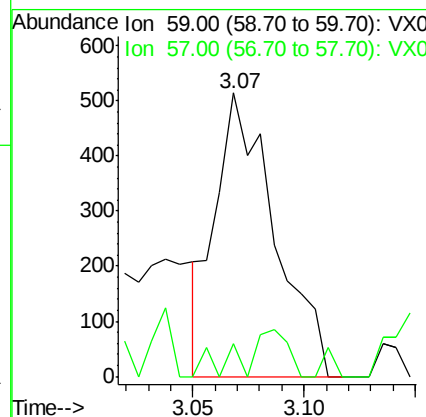
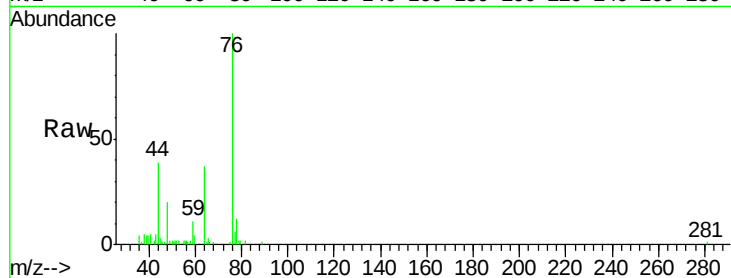




#11
Tert butyl alcohol
Concen: 1.30 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

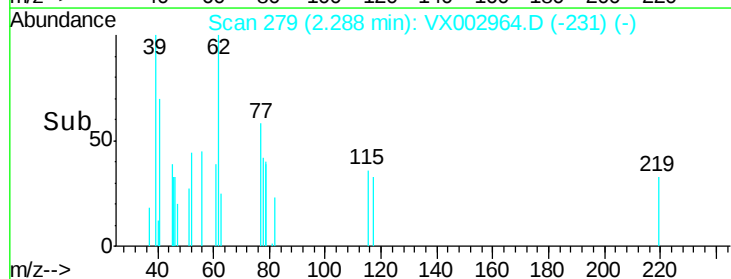
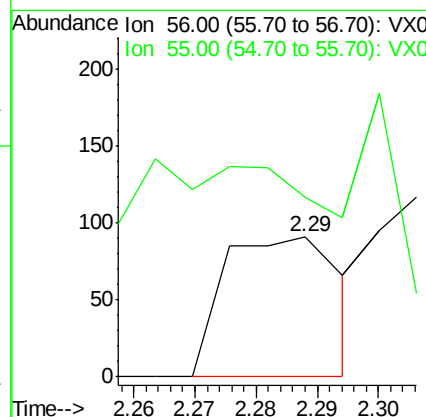
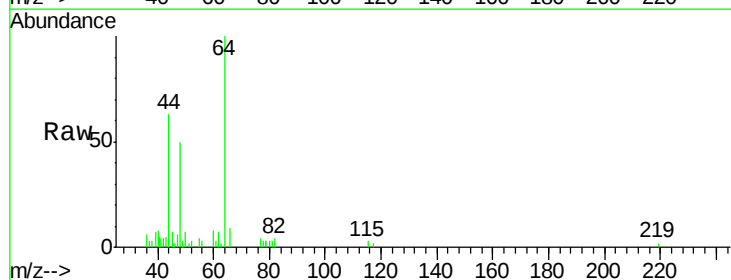
Instrument :
MSVOA_X
ClientSampled :

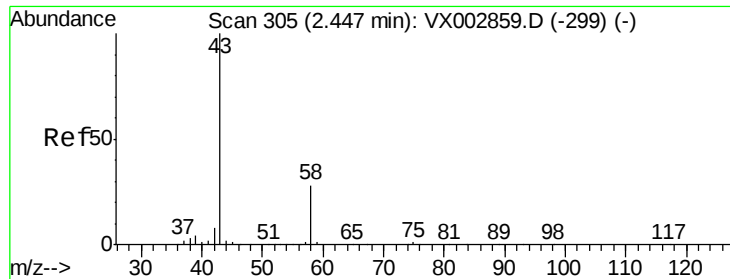
Tot Ion: 59 Resp: 945
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2



#13
Acrolein
Concen: 4.52 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

Tgt Ion: 56 Resp: 120
Ion Ratio Lower Upper
56 100
55 130.8 57.0 85.4#





#16

Acetone

Concen: 1.41 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

Instrument :

MSVOA_X

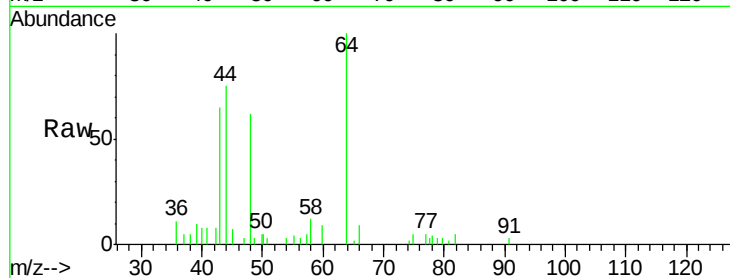
ClientSampleId :

Tot Ion: 43 Resp: 2144

Ion Ratio Lower Upper

43 100

58 21.0 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

1500

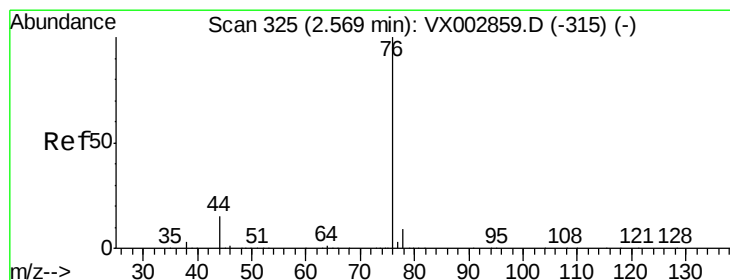
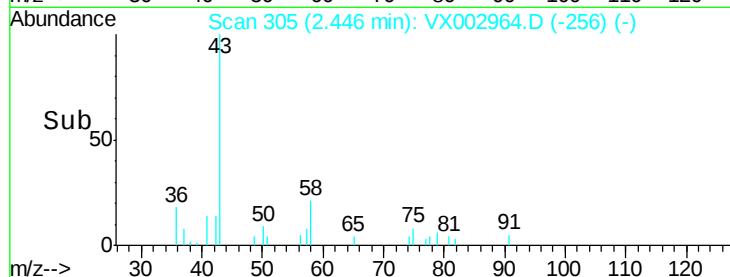
1000

500

0

Time-->

2.40 2.45 2.50



#17

Carbon Disulfide

Concen: 0.96 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002964.D

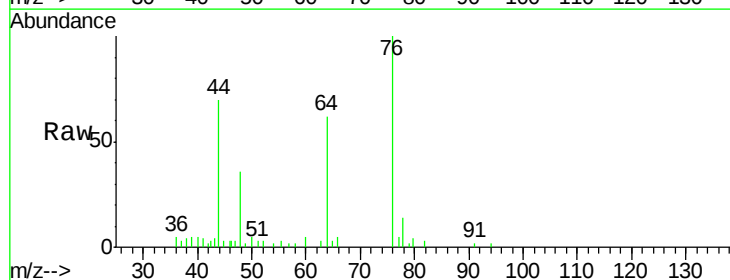
Acq: 28 Jun 2018 04:25

Tgt Ion: 76 Resp: 6677

Ion Ratio Lower Upper

76 100

78 8.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

5000

4000

3000

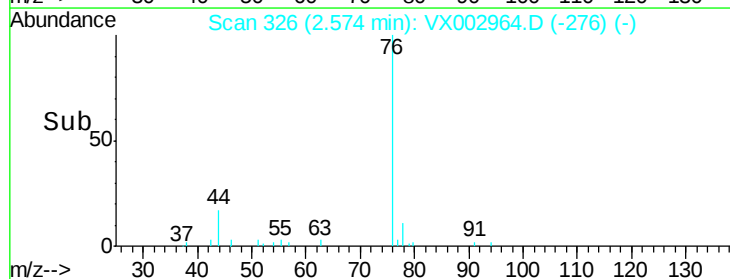
2000

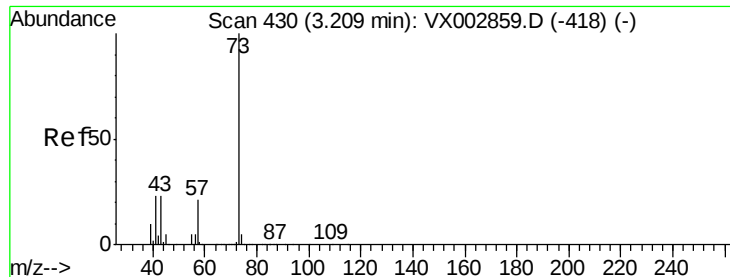
1000

0

Time-->

2.50 2.55 2.60



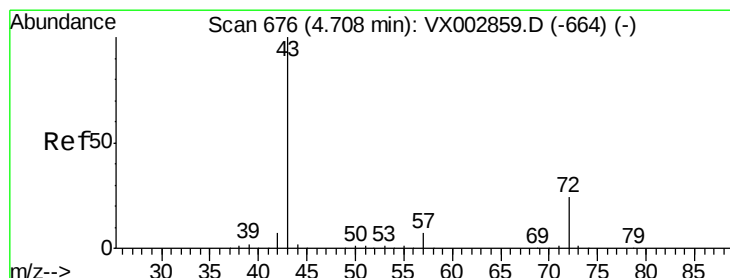
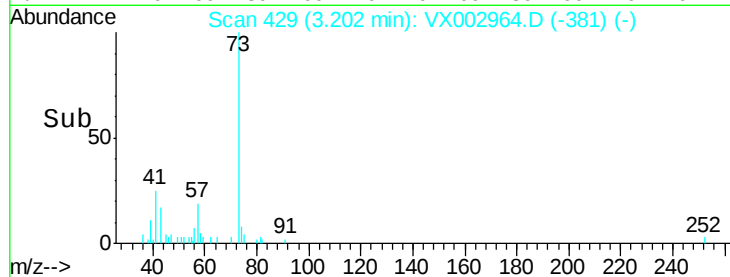
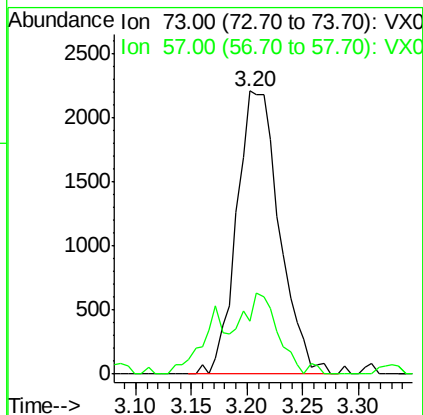
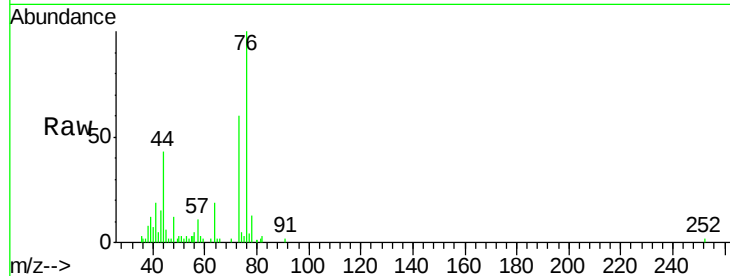


#19

Methyl tert-butyl Ether
 Concen: 0.63 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX002964.D
 Acq: 28 Jun 2018 04:25

Instrument :
 MSVOA_X
 ClientSampleId :

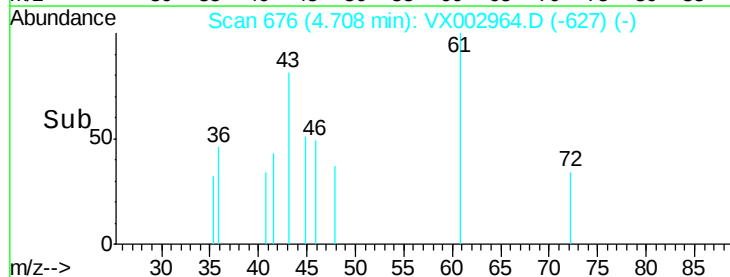
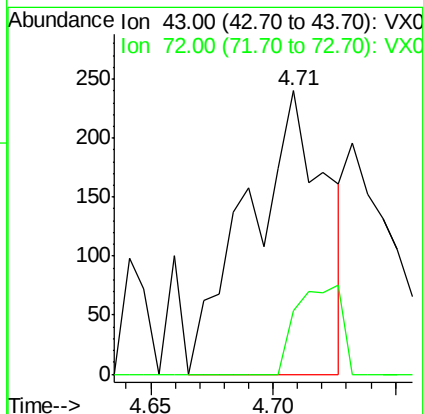
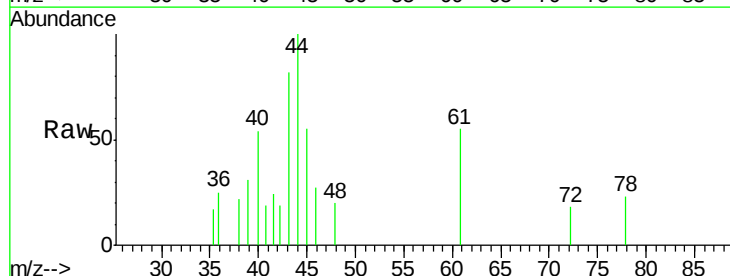
Tot Ion: 73 Resp: 5893
 Ion Ratio Lower Upper
 73 100
 57 18.7 17.7 26.5

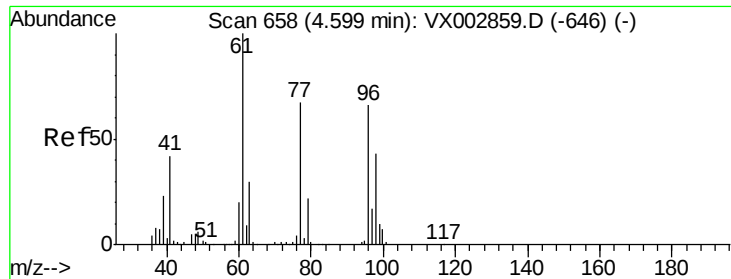


#25

2-Butanone
 Concen: 0.23 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: VX002964.D
 Acq: 28 Jun 2018 04:25

Tgt Ion: 43 Resp: 527
 Ion Ratio Lower Upper
 43 100
 72 22.5 18.5 27.7





#27

cis-1,2-Dichloroethene

Concen: 0.61 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

Instrument :
MSVOA_X
ClientSampled :

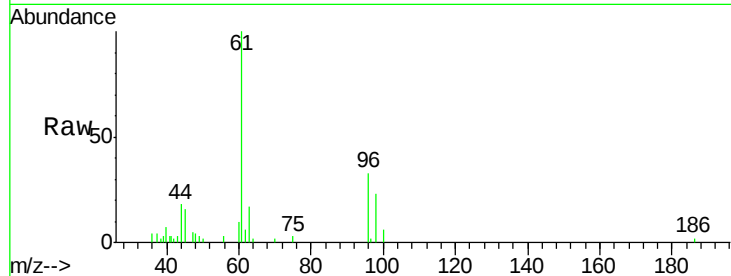
Tot Ion: 96 Resp: 1960

Ion Ratio Lower Upper

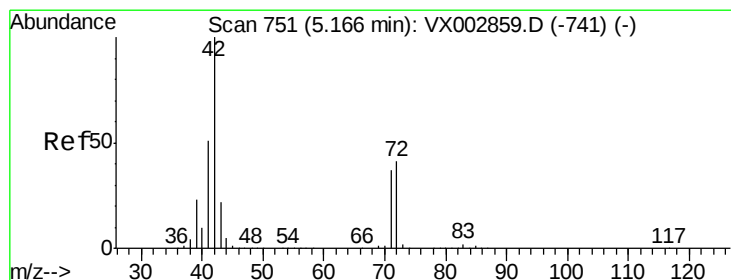
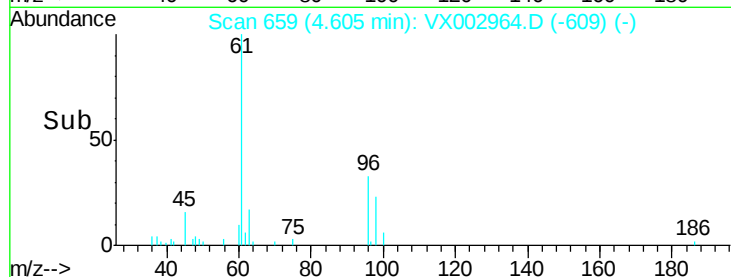
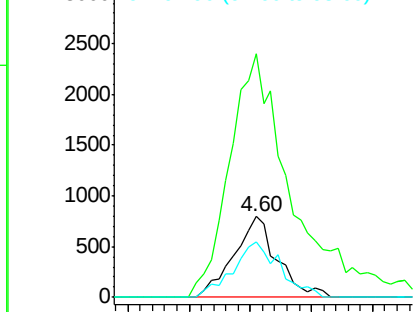
96 100

61 429.0 0.0 330.2#

98 74.3 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#29

Tetrahydrofuran

Concen: 0.40 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

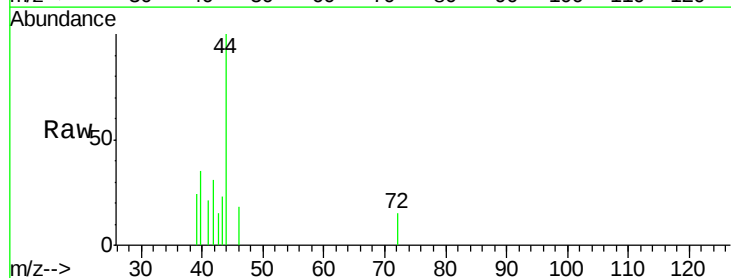
Tgt Ion: 42 Resp: 579

Ion Ratio Lower Upper

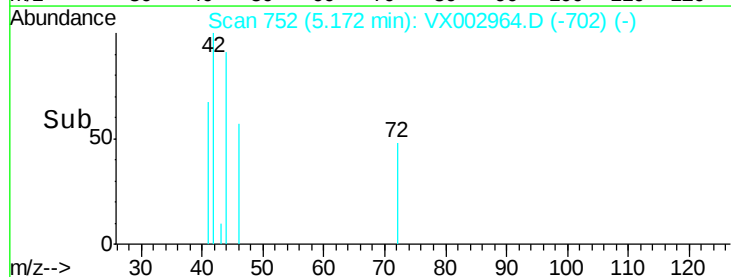
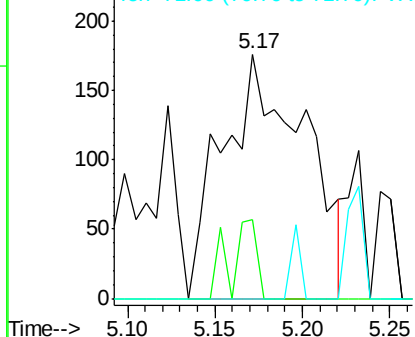
42 100

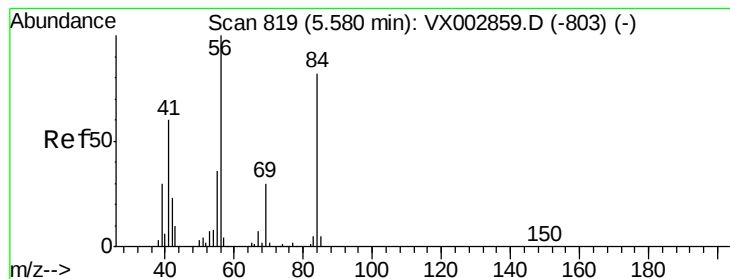
72 10.4 32.0 48.0#

71 0.0 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





#31

Cyclohexane

Concen: 0.31 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

Instrument :

MSVOA_X

ClientSampleId :

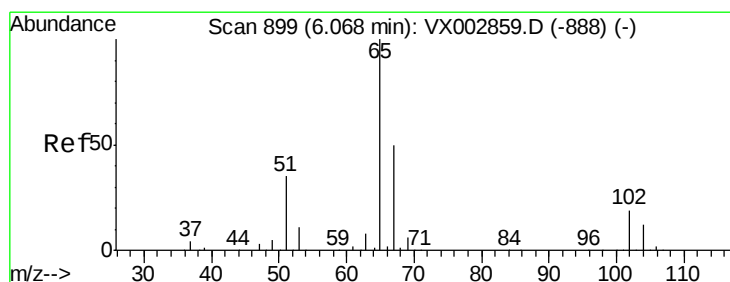
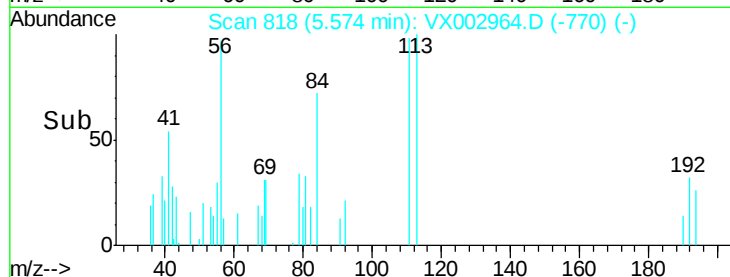
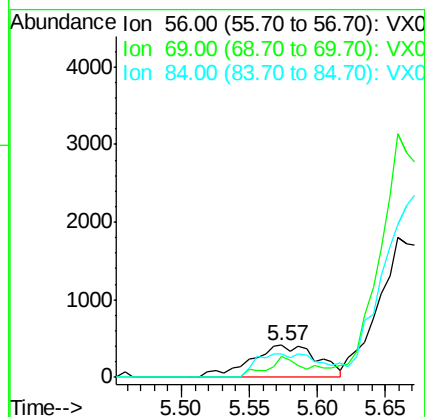
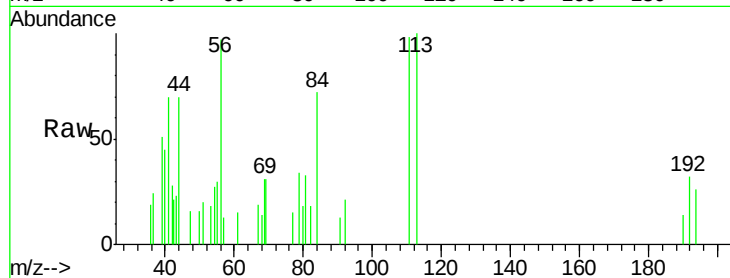
Tot Ion: 56 Resp: 1440

Ion Ratio Lower Upper

56 100

69 72.3 23.7 35.5#

84 84.4 64.1 96.1



#33

1,2-Dichloroethane-d4

Concen: 48.99 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002964.D

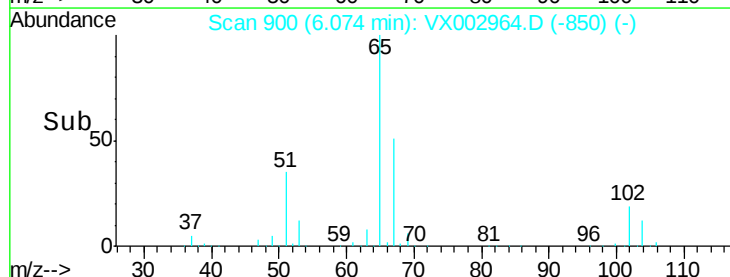
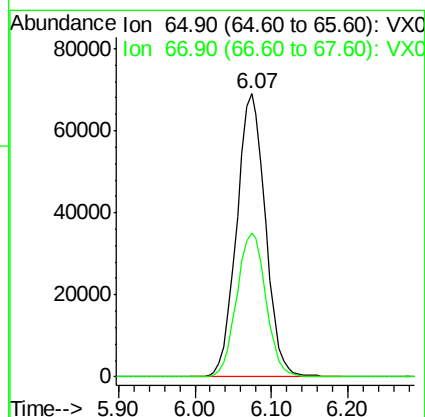
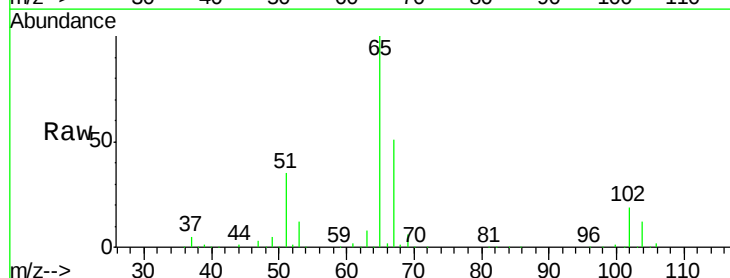
Acq: 28 Jun 2018 04:25

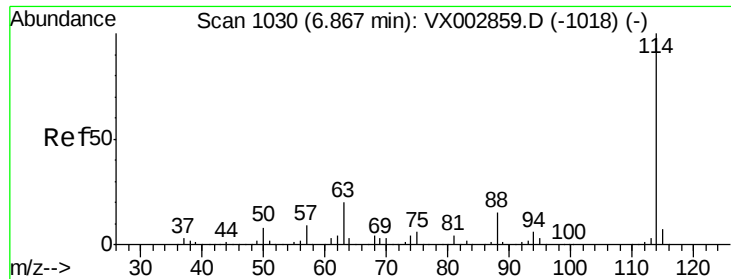
Tgt Ion: 65 Resp: 179383

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.6

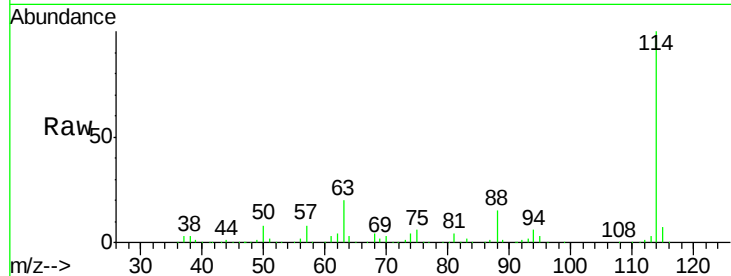




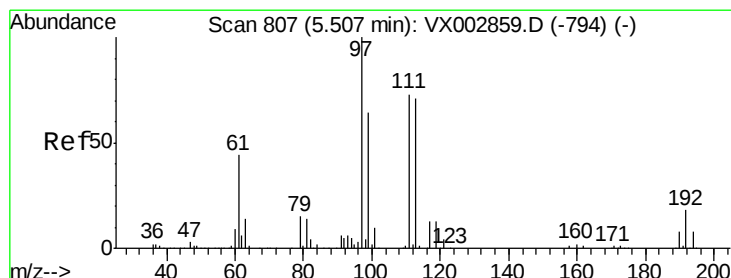
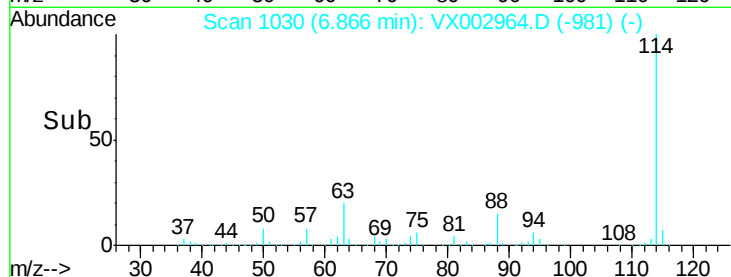
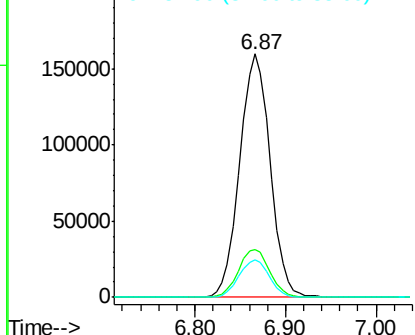
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002964.D
 Acq: 28 Jun 2018 04:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 372127
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 15.2 0.0 30.0

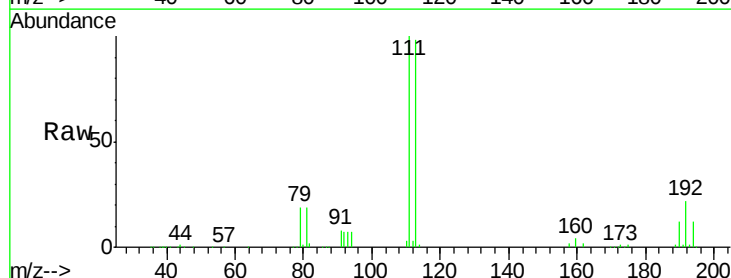


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

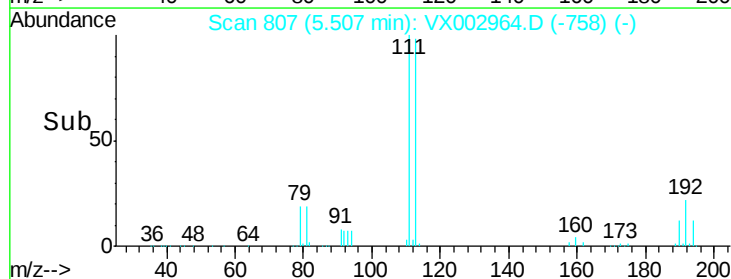
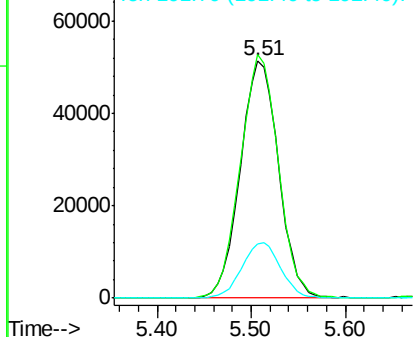


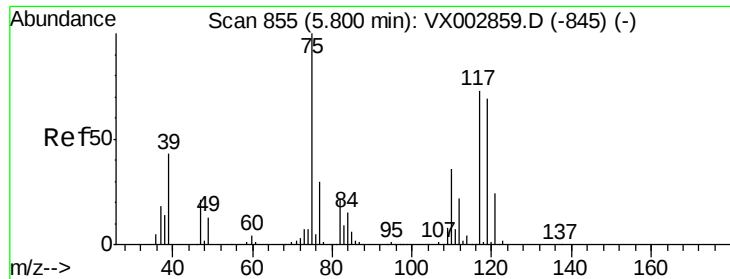
#35
 Dibromofluoromethane
 Concen: 49.34 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002964.D
 Acq: 28 Jun 2018 04:25

Tgt Ion:113 Resp: 145393
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.0
 192 23.5 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

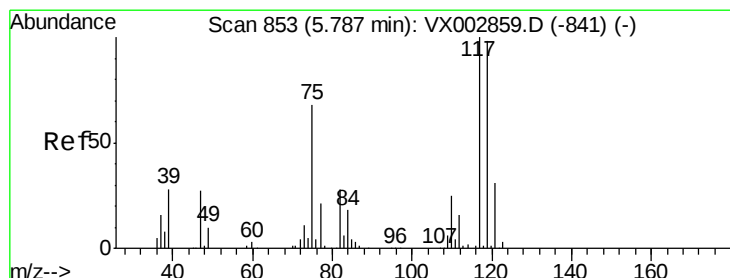
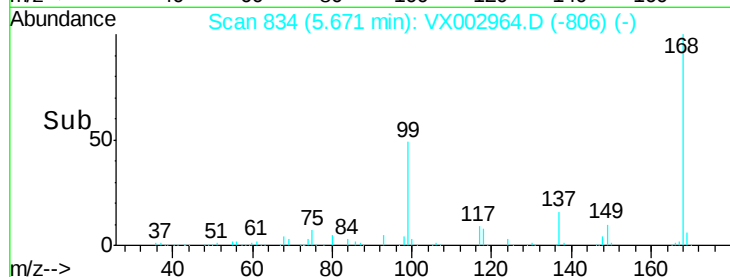
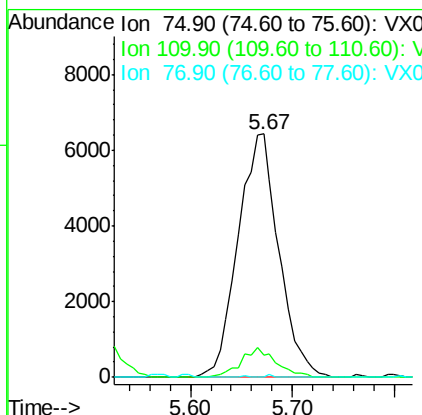
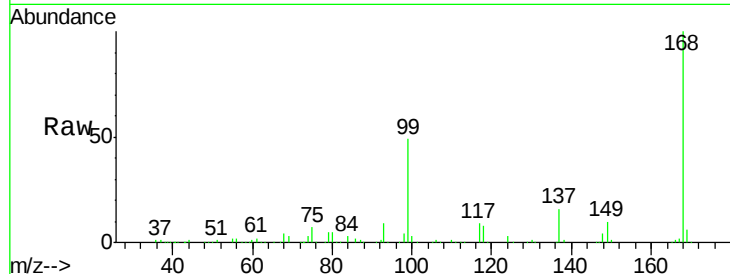




#36
 1,1-Dichloropropene
 Concen: 4.37 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX002964.D
 Acq: 28 Jun 2018 04:25

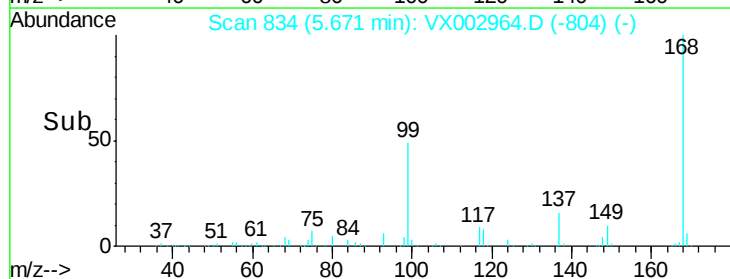
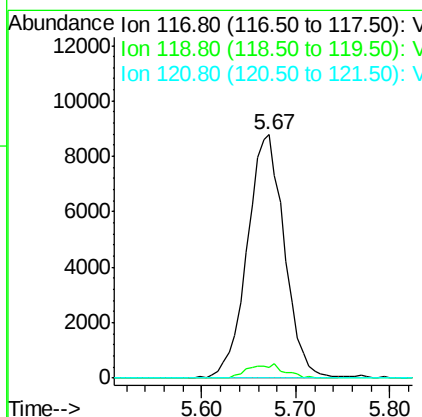
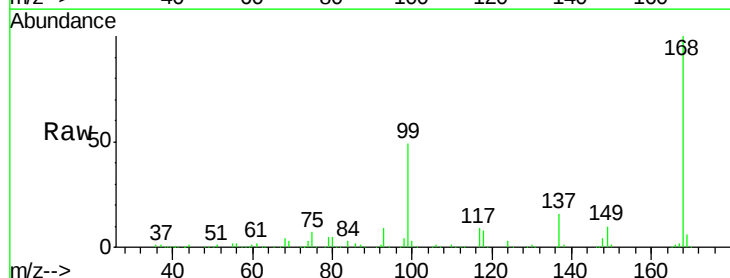
Instrument :
 MSVOA_X
 ClientSampleId :

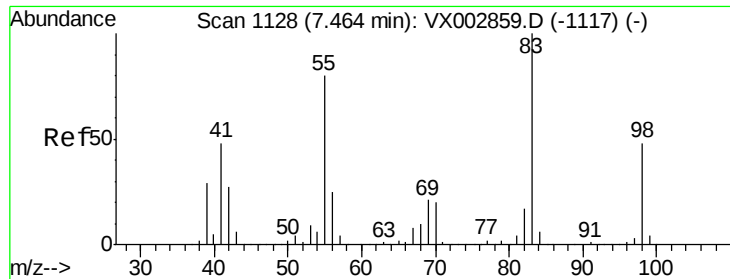
Tot Ion: 75 Resp: 17823
 Ion Ratio Lower Upper
 75 100
 110 10.6 18.1 54.4#
 77 0.2 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.42 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX002964.D
 Acq: 28 Jun 2018 04:25

Tgt Ion: 117 Resp: 24293
 Ion Ratio Lower Upper
 117 100
 119 4.2 77.4 116.0#
 121 0.0 24.4 36.6#

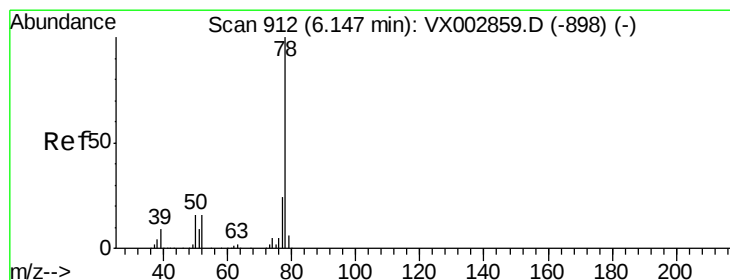
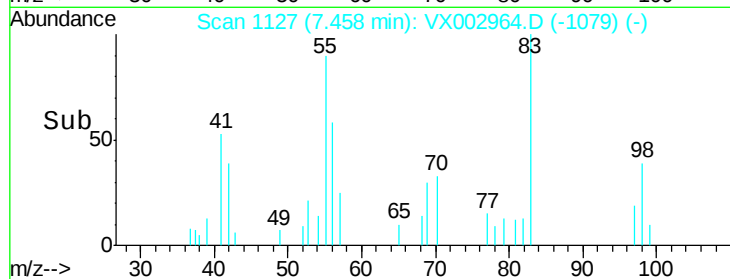
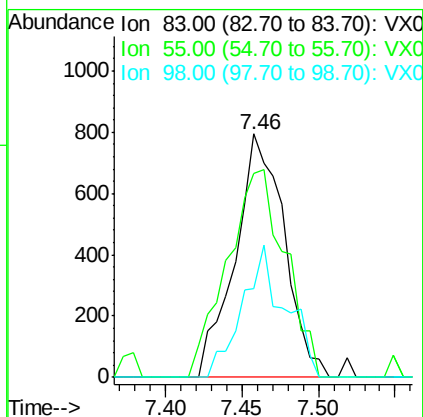
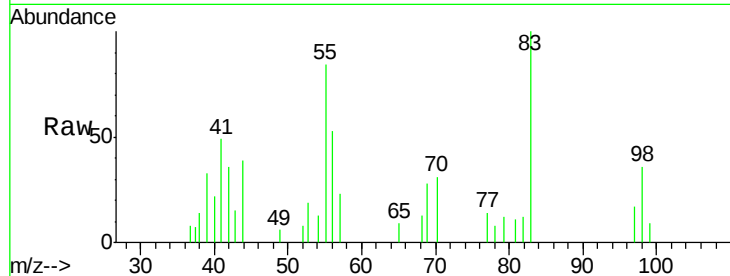




#39
Methvlcvclohexane
Concen: 0.37 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

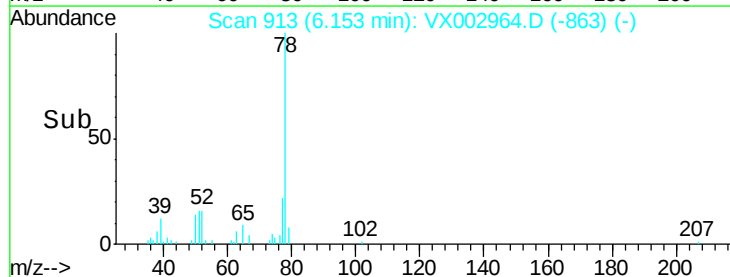
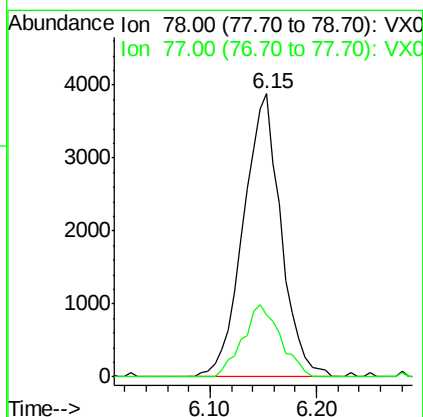
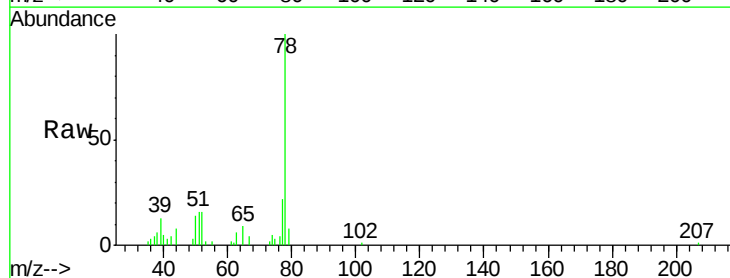
Instrument :
MSVOA_X
ClientSampled :

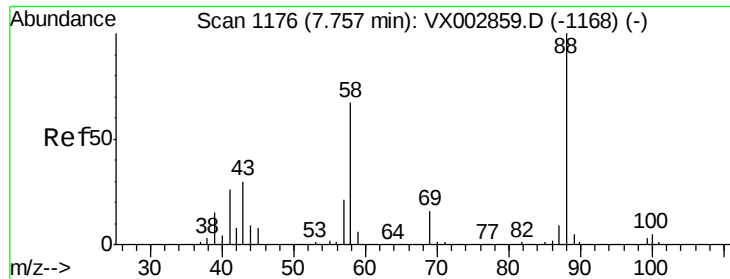
Tot Ion: 83 Resp: 1775
Ion Ratio Lower Upper
83 100
55 83.5 65.4 98.0
98 36.4 37.4 56.0#



#40
Benzene
Concen: 0.81 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

Tgt Ion: 78 Resp: 9625
Ion Ratio Lower Upper
78 100
77 22.1 19.1 28.7

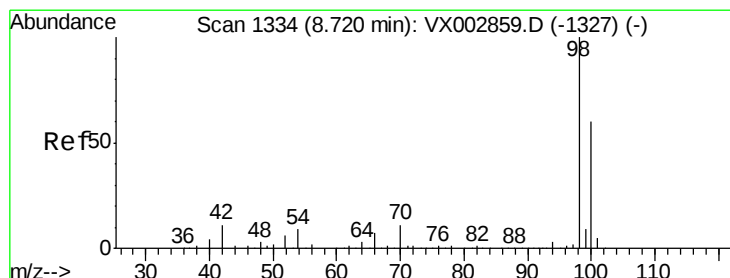
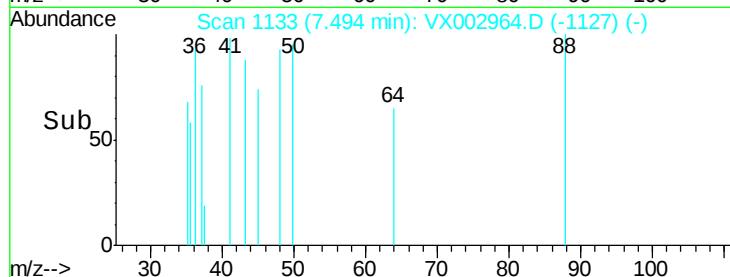
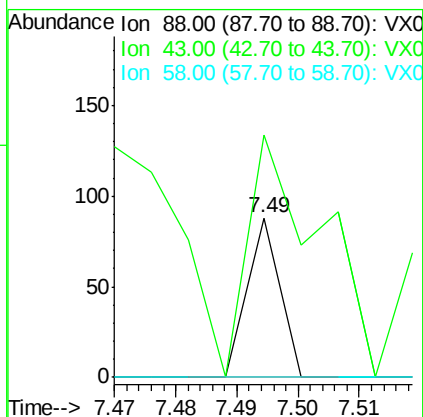
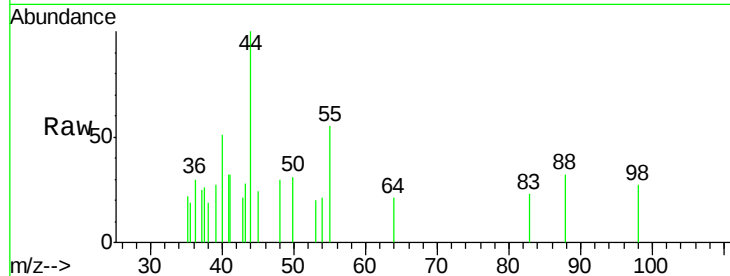




#49
1,4-Dioxane
Concen: 0.43 ug/l
RT: 7.49 min Scan# 1133
Delta R.T. -0.26 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

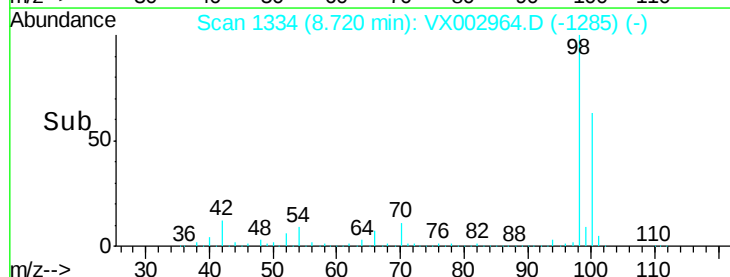
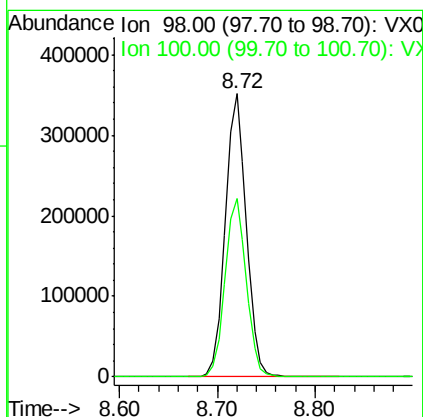
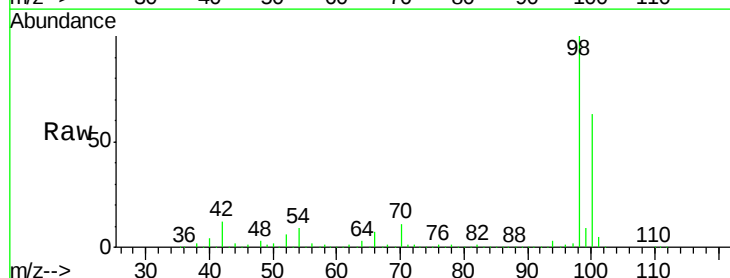
Instrument :
MSVOA_X
ClientSampleId :

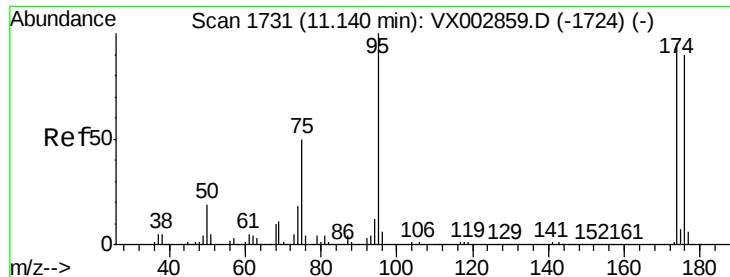
Tot Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 340.6 29.8 44.6#
58 0.0 57.1 85.7#



#50
Toluene-d8
Concen: 48.67 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

Tgt Ion: 98 Resp: 523771
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 46.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

Instrument :

MSVOA_X

ClientSampleId :

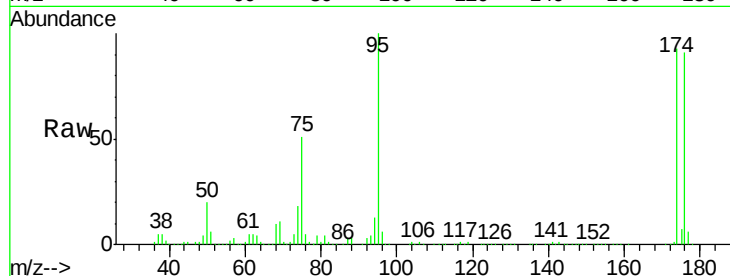
Tot Ion: 95 Resp: 193261

Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.4

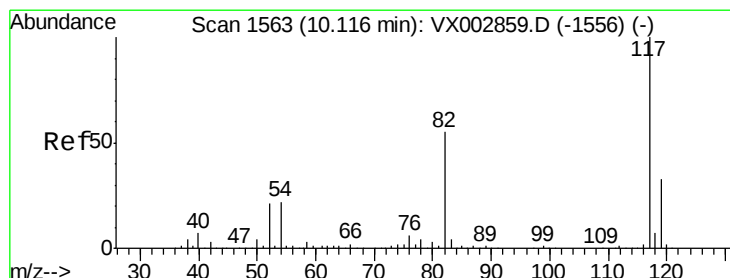
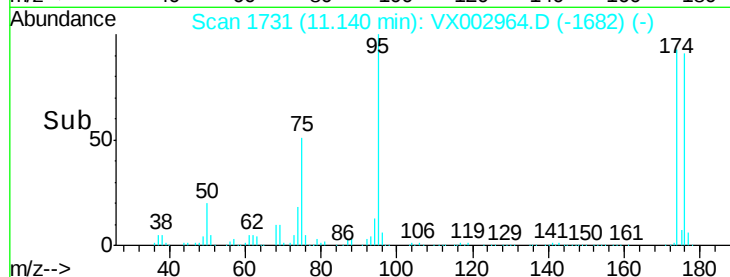
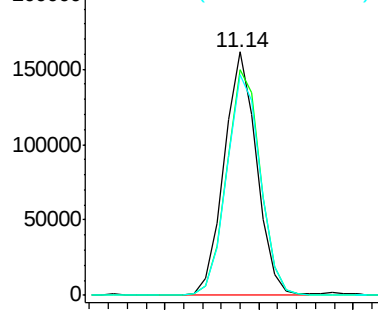
176 94.1 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

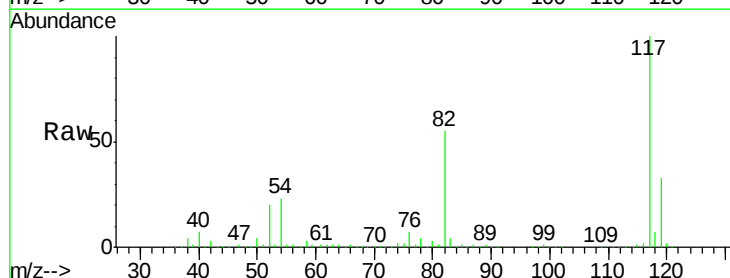
Tgt Ion: 117 Resp: 348013

Ion Ratio Lower Upper

117 100

82 54.5 45.0 67.4

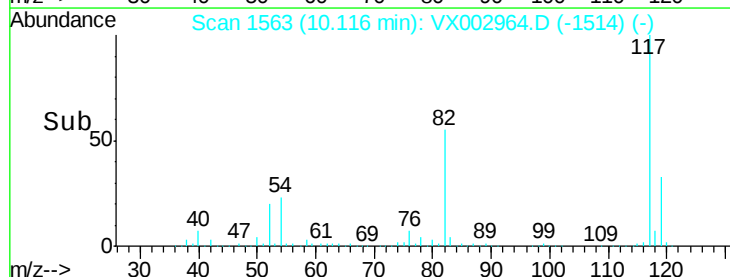
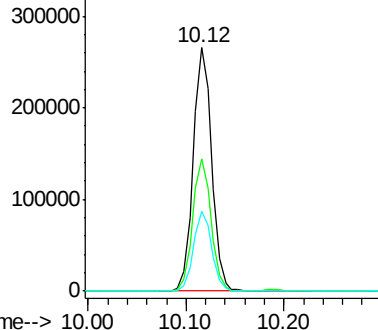
119 32.7 25.8 38.6

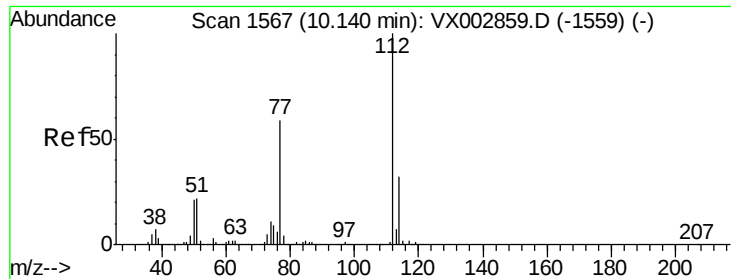


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

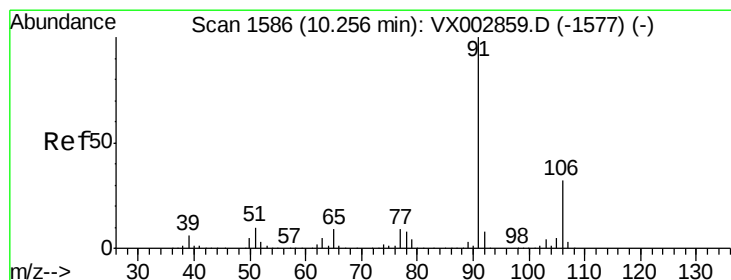
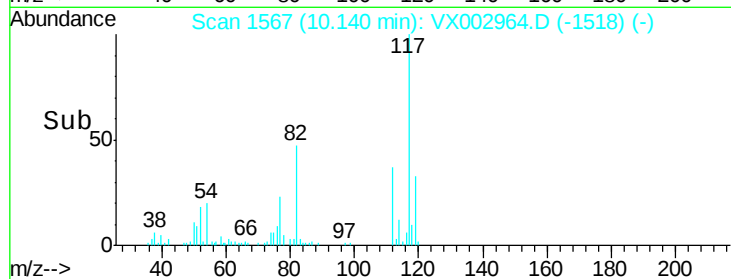
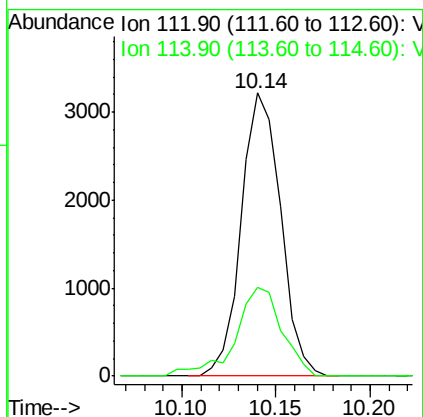
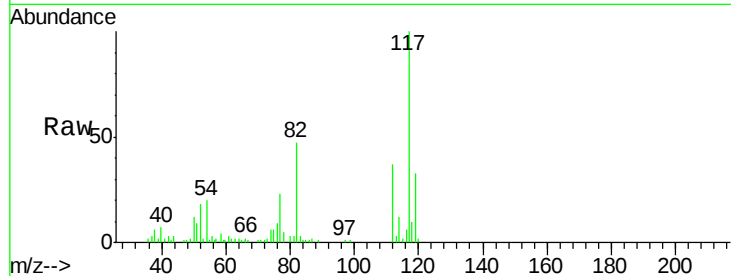




#65
Chlorobenzene
Concen: 0.53 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

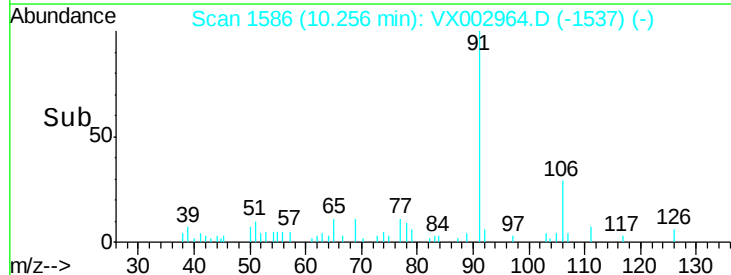
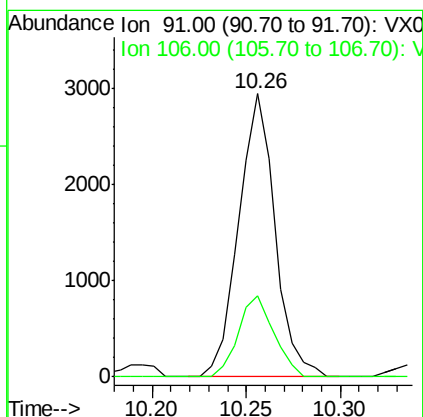
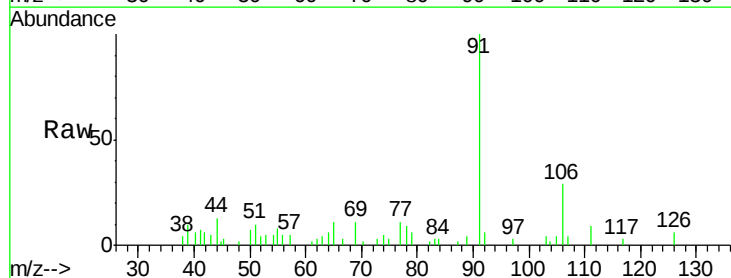
Instrument :
MSVOA_X
ClientSampleId :

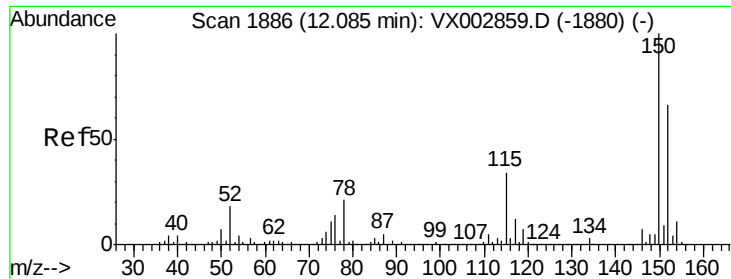
Tot Ion:112 Resp: 4657
Ion Ratio Lower Upper
112 100
114 31.2 25.3 37.9



#67
Ethyl Benzene
Concen: 0.27 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

Tgt Ion: 91 Resp: 3933
Ion Ratio Lower Upper
91 100
106 28.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

Instrument :

MSVOA_X

ClientSampleId :

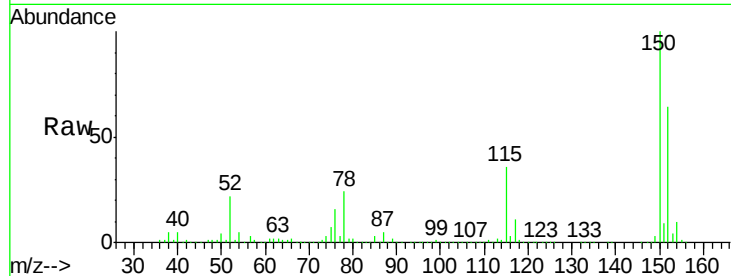
Tot Ion:152 Resp: 205595

Ion Ratio Lower Upper

152 100

115 55.2 40.1 120.2

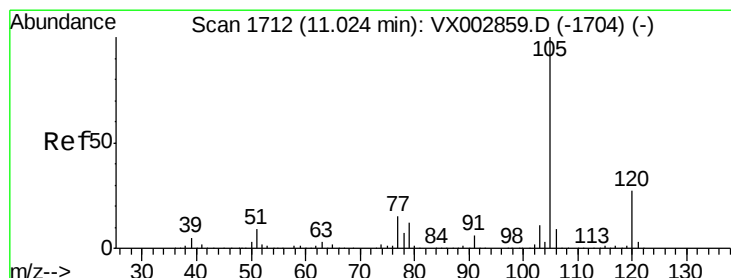
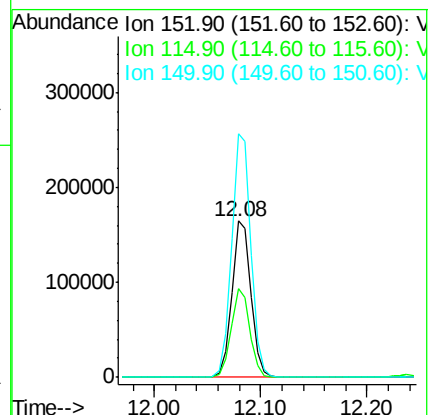
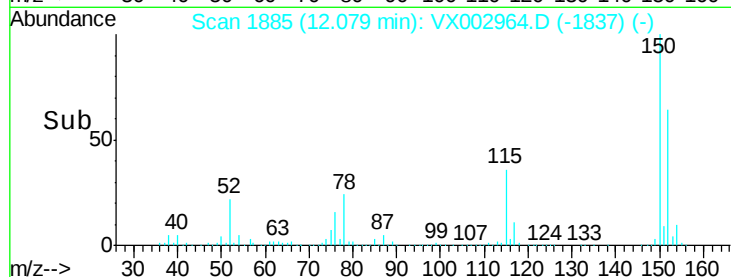
150 157.1 0.0 347.2



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



#73

Isopropylbenzene

Concen: 2.96 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002964.D

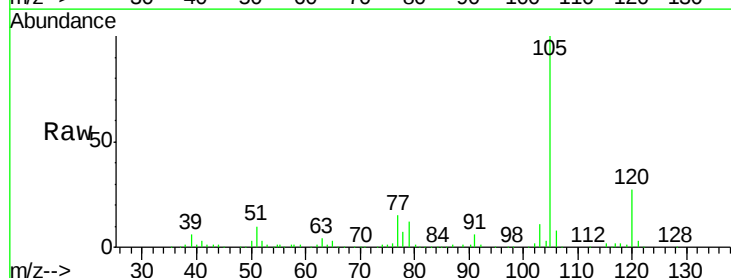
Acq: 28 Jun 2018 04:25

Tgt Ion:105 Resp: 40900

Ion Ratio Lower Upper

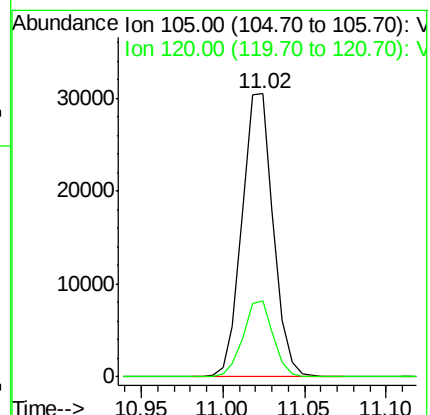
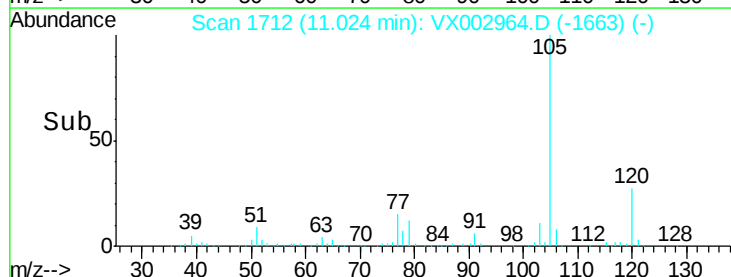
105 100

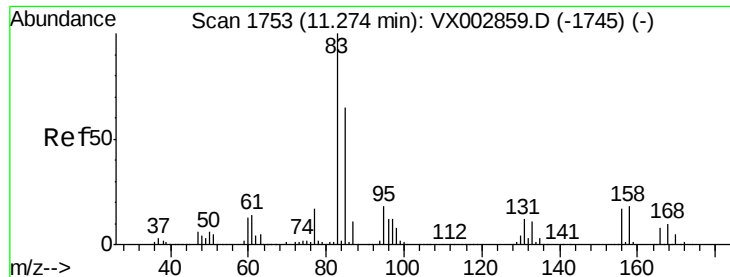
120 26.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.32 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

Instrument :

MSVOA_X

ClientSampled :

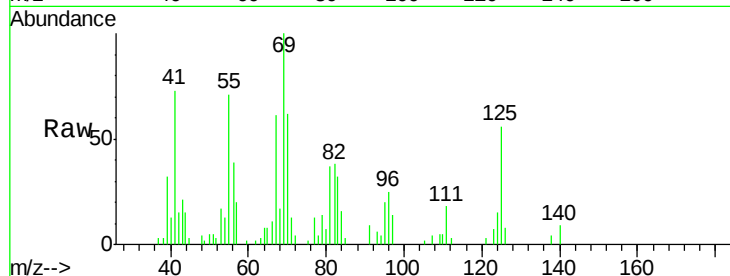
Tot Ion: 83 Resp: 1381

Ion Ratio Lower Upper

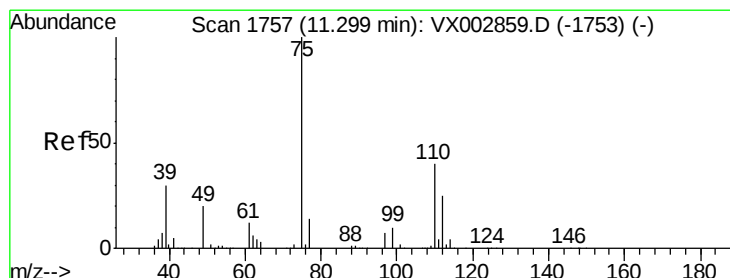
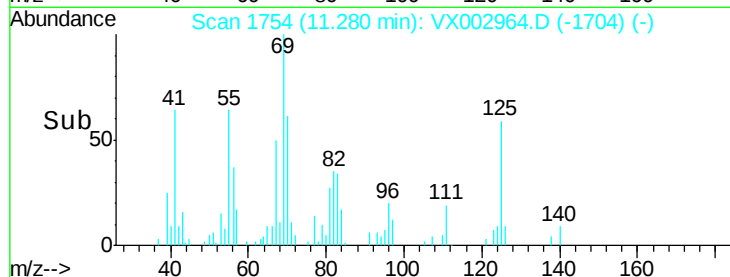
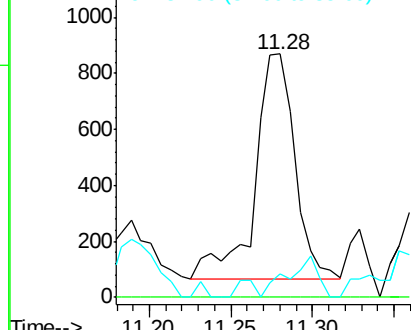
83 100

131 0.0 5.6 16.8#

85 13.7 32.4 97.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.76 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002964.D

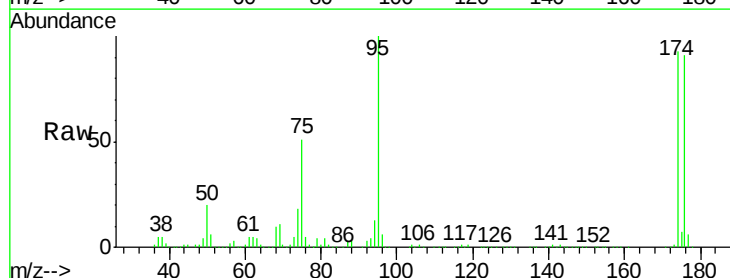
Acq: 28 Jun 2018 04:25

Tgt Ion: 75 Resp: 99656

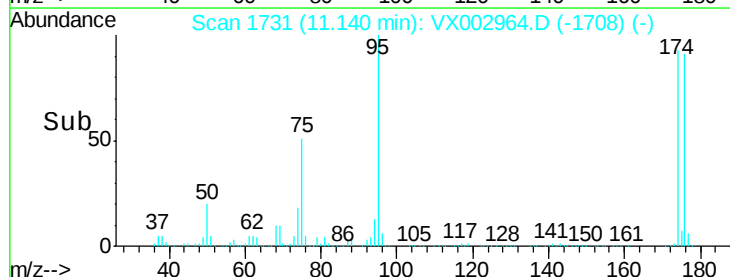
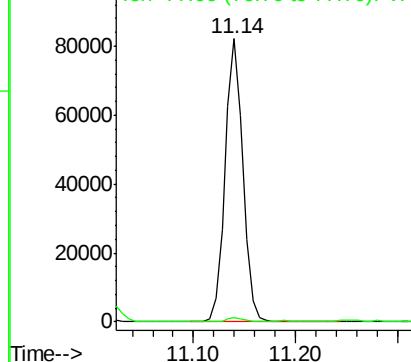
Ion Ratio Lower Upper

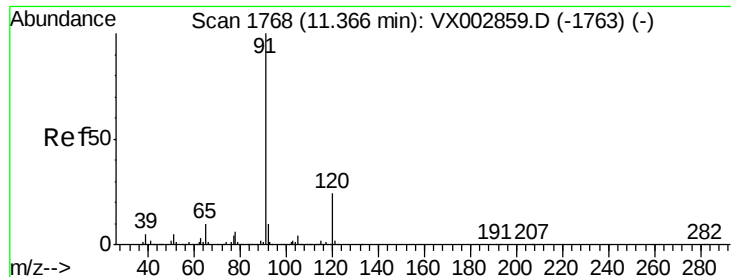
75 100

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

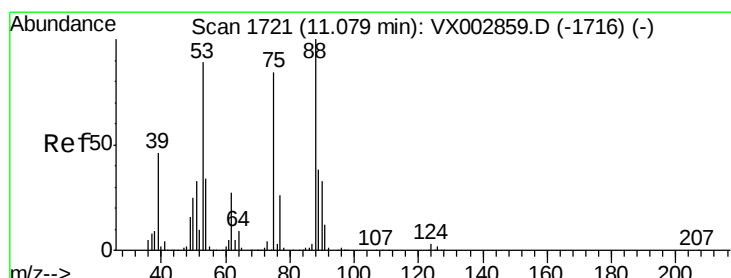
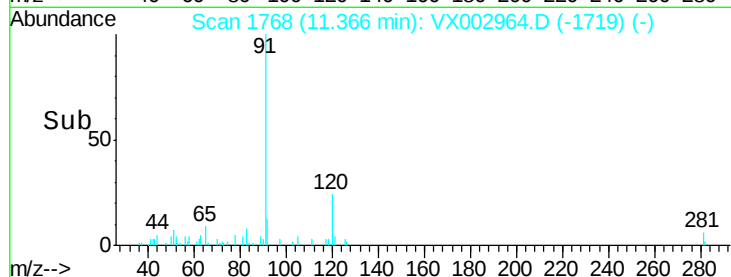
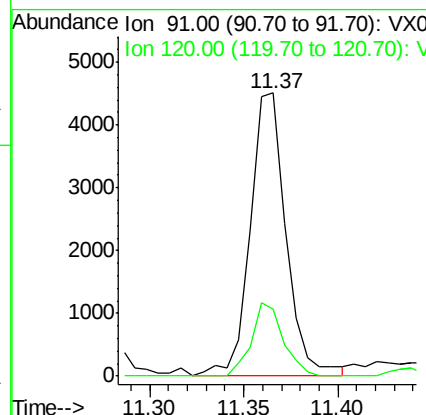
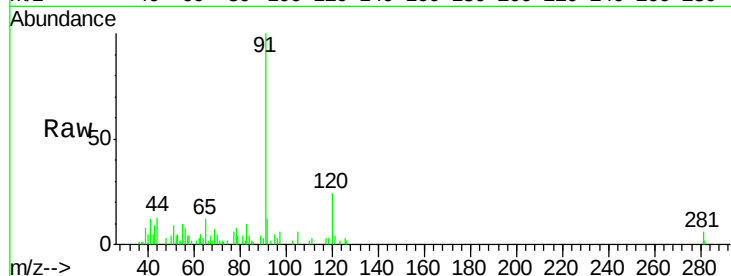




#78
n-propylbenzene
Concen: 0.38 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

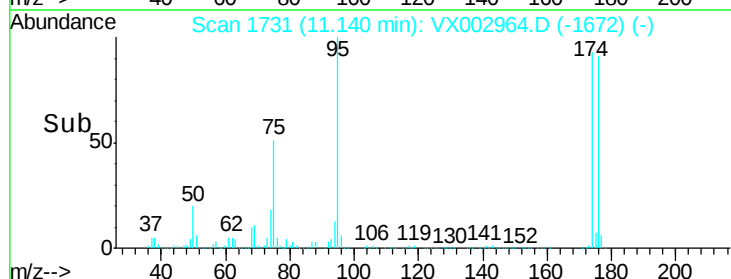
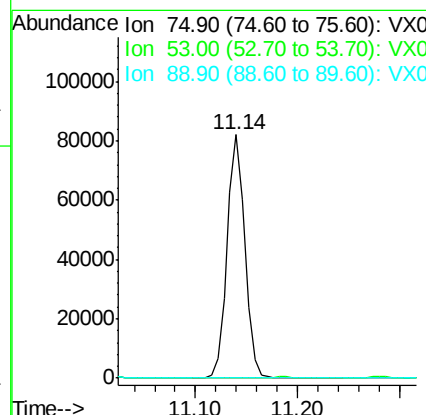
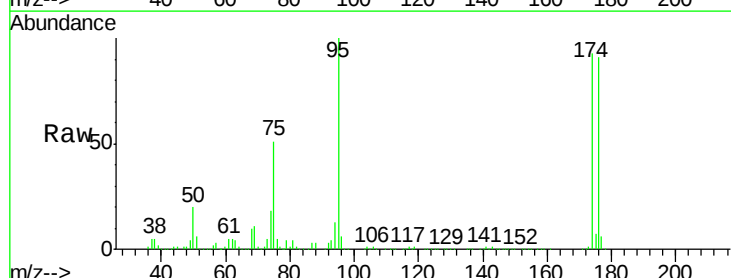
Instrument :
MSVOA_X
ClientSampleId :

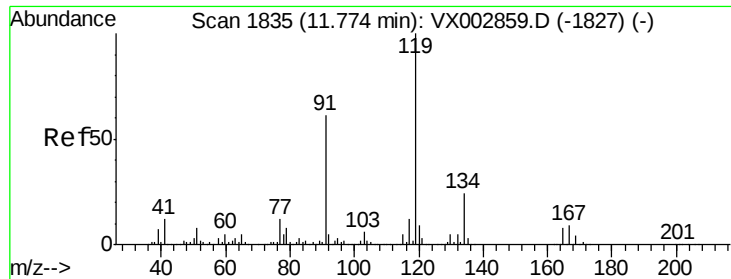
Tot Ion: 91 Resp: 5980
Ion Ratio Lower Upper
91 100
120 22.7 11.8 35.4



#81
trans-1,4-Dichloro-2-butene
Concen: 75.78 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

Tgt Ion: 75 Resp: 99656
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 38.2 57.2#

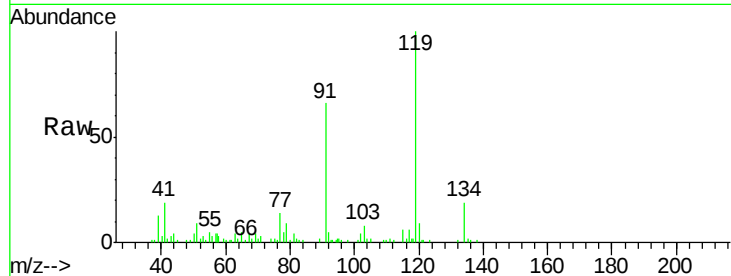




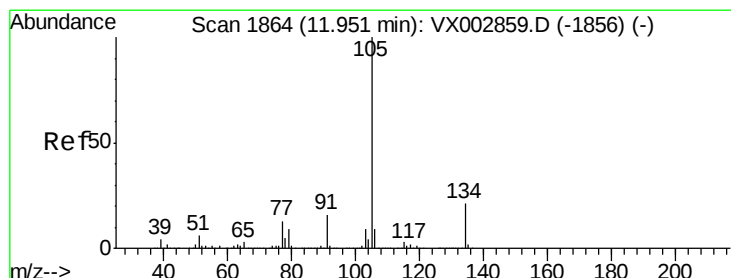
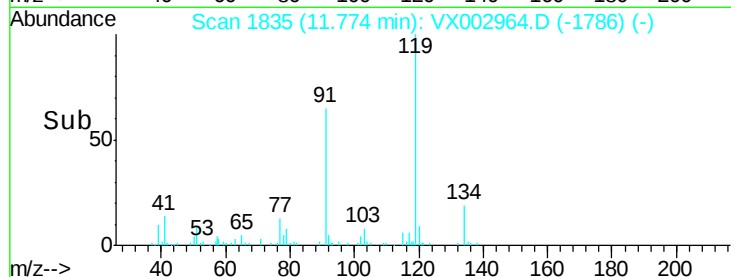
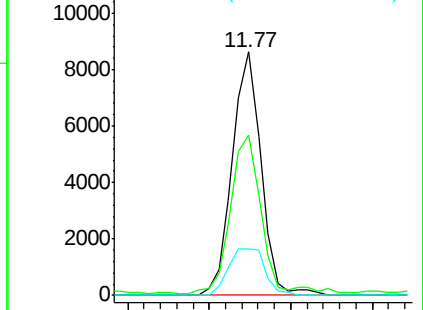
#83
tert-Butylbenzene
Concen: 0.92 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 10617
Ion Ratio Lower Upper
119 100
91 66.4 30.3 90.9
134 24.2 11.7 35.1

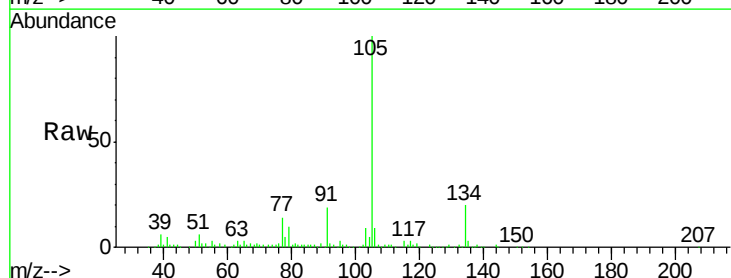


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

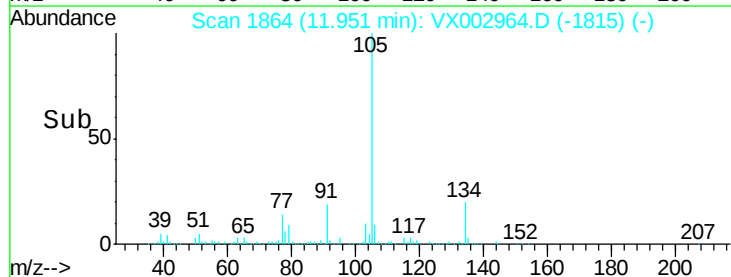
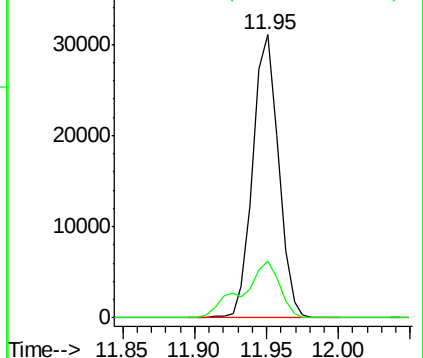


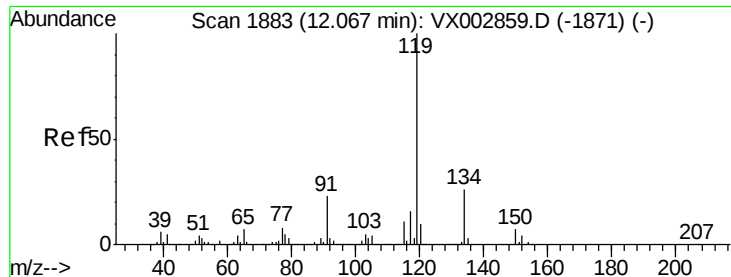
#85
sec-Butylbenzene
Concen: 2.75 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

Tgt Ion:105 Resp: 38281
Ion Ratio Lower Upper
105 100
134 29.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V

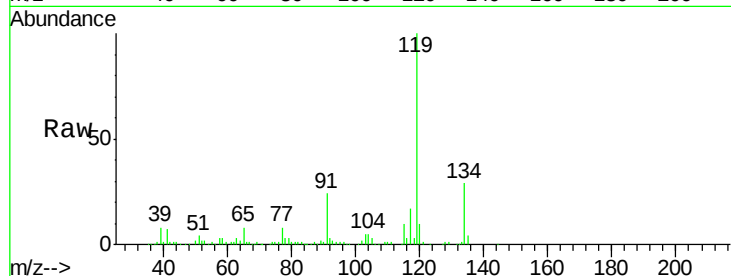




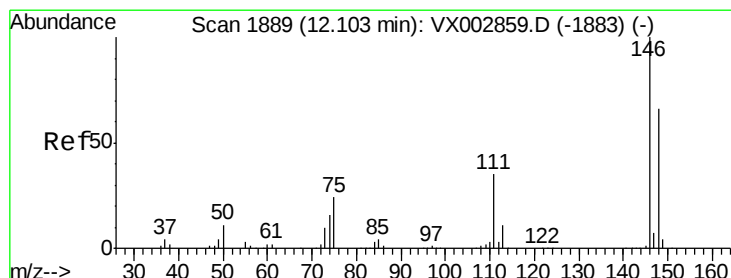
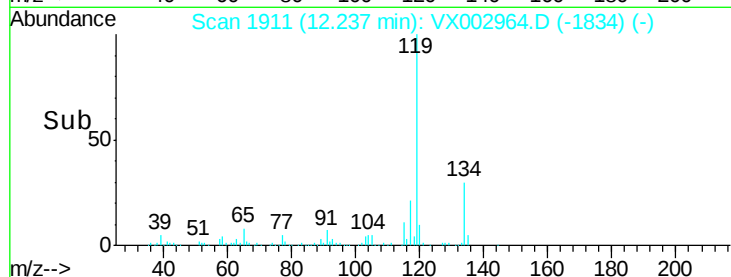
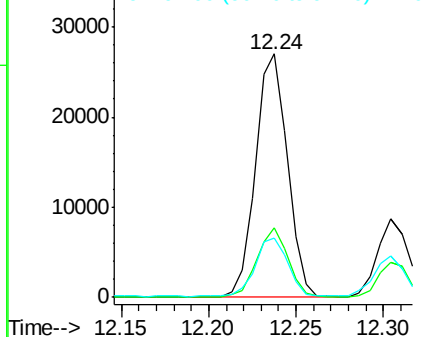
#86
p-Isopropyltoluene
Concen: 2.73 ug/l
RT: 12.24 min Scan# 1911
Delta R.T. 0.17 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 34180
Ion Ratio Lower Upper
119 100
134 28.1 13.4 40.1
91 24.3 11.9 35.7

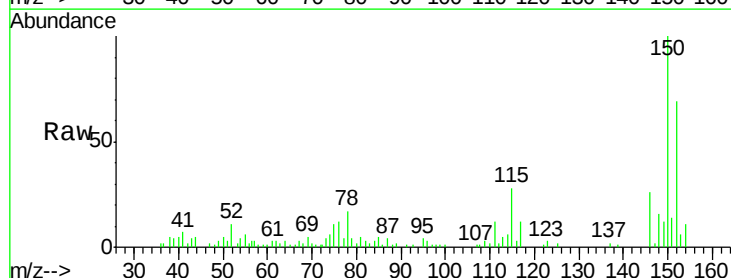


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

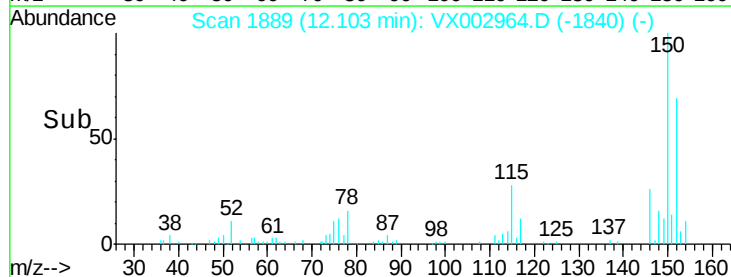
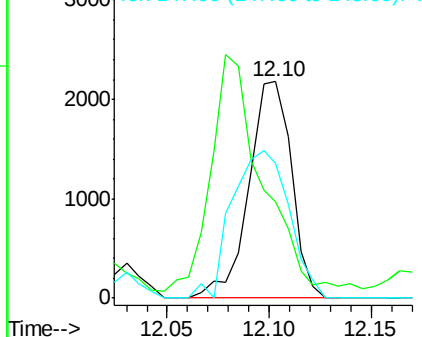


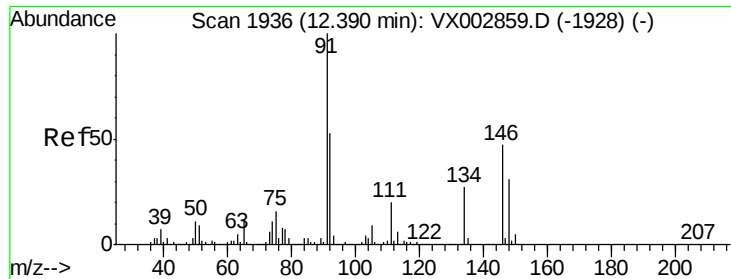
#88
1,4-Dichlorobenzene
Concen: 0.43 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. -0.00 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

Tgt Ion:146 Resp: 3171
Ion Ratio Lower Upper
146 100
111 0.0 18.7 56.1#
148 90.9 32.4 97.0



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





#89

n-Butylbenzene

Concen: 0.48 ug/l

RT: 12.37 min Scan# 1933

Delta R.T. -0.02 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

Instrument :

MSVOA_X

ClientSampleId :

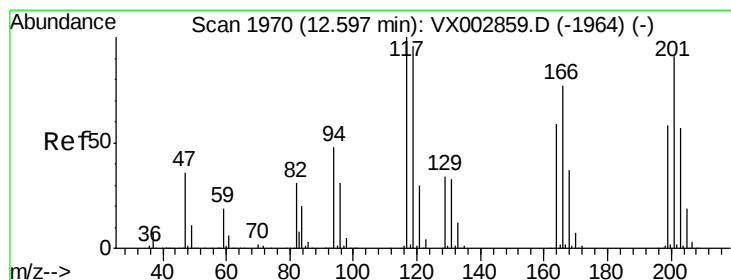
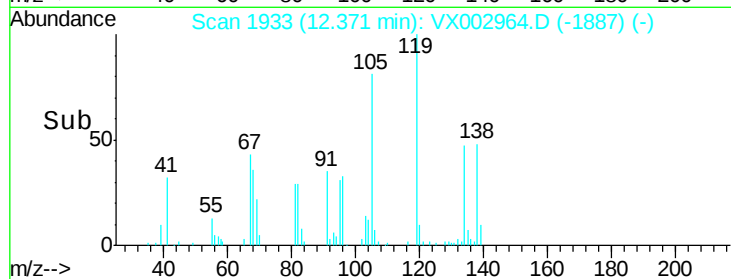
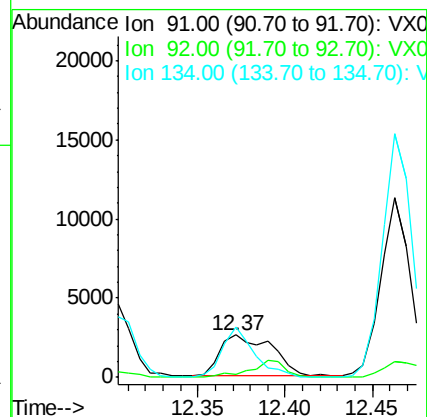
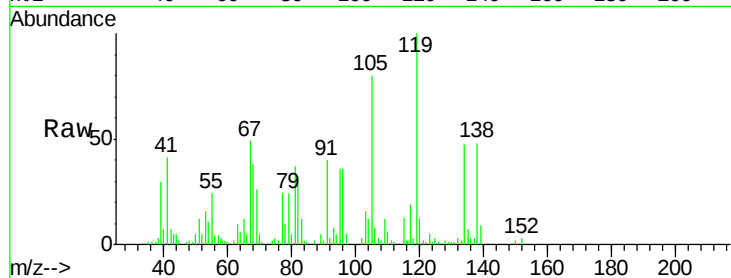
Tot Ion: 91 Resp: 5255

Ion Ratio Lower Upper

91 100

92 28.9 26.0 78.0

134 77.9 13.5 40.5#



#90

Hexachloroethane

Concen: 3.39 ug/l

RT: 12.71 min Scan# 1988

Delta R.T. 0.11 min

Lab File: VX002964.D

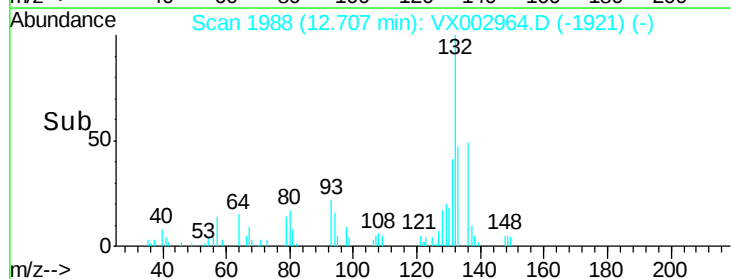
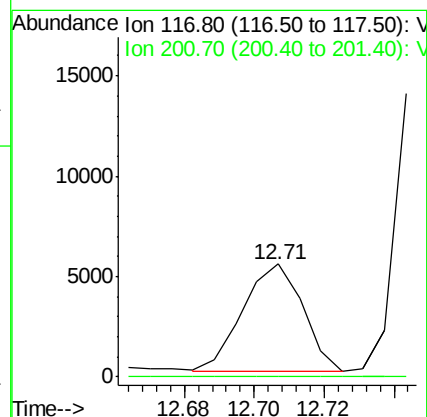
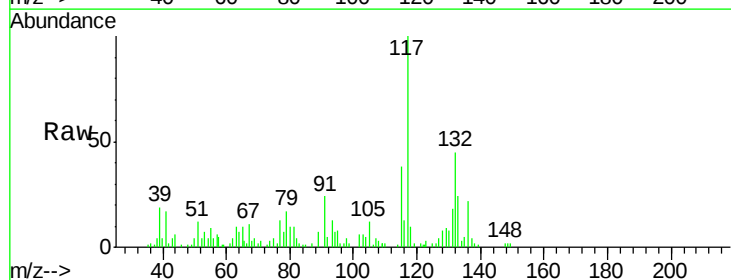
Acq: 28 Jun 2018 04:25

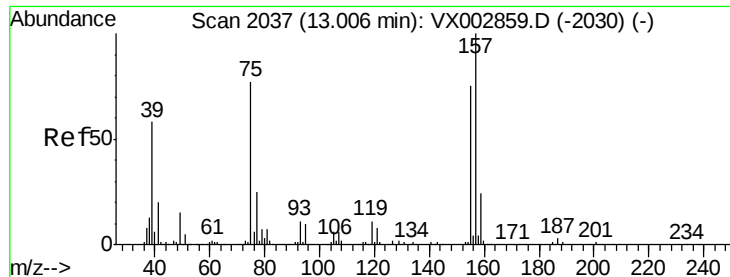
Tgt Ion: 117 Resp: 6308

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.35 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

Instrument :

MSVOA_X

ClientSampleId :

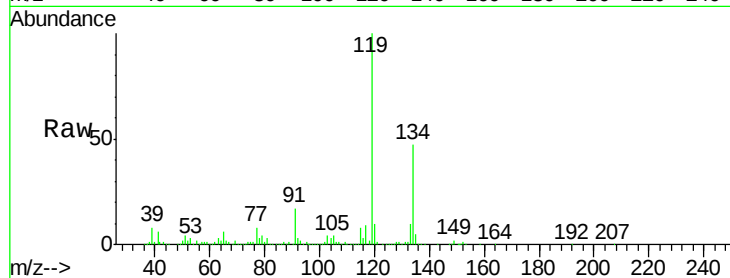
Tot Ion: 75 Resp: 1297

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

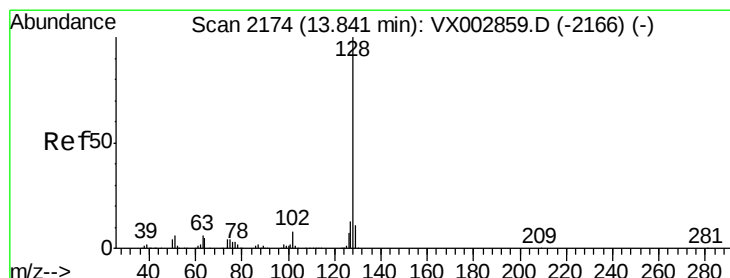
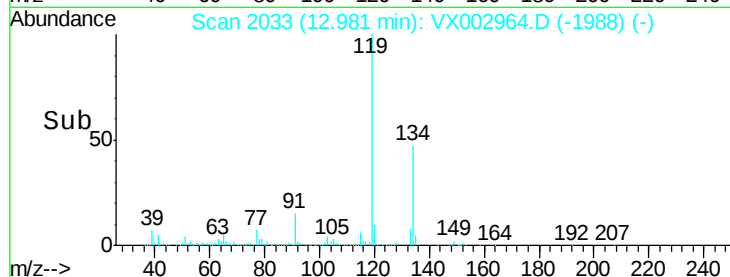
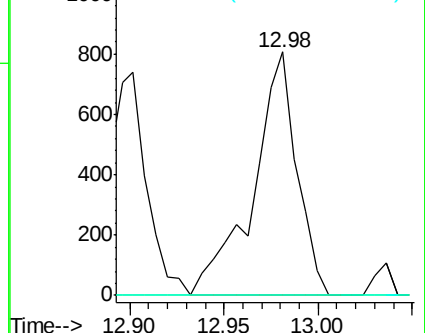
157 0.0 60.1 180.3#



Abundance Ion 74.90 (74.60 to 75.60): VX

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 0.52 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

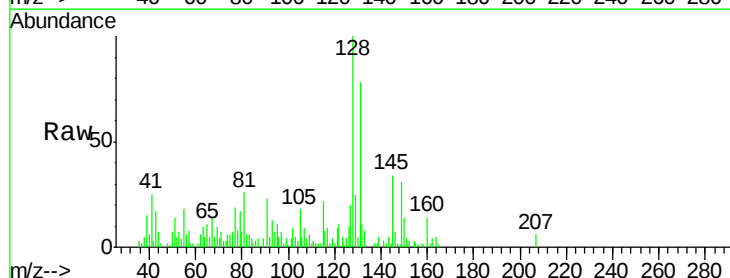
Tgt Ion: 128 Resp: 7307

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

