

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002942.D
 Acq On : 27 Jun 2018 17:50
 Operator : JC/MD
 Sample : J3707-09 5X
 Misc : 6.01µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 03:15:05 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	270950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382328	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	186573	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	5.51	113	142883	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	8.72	98	544110	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.14	95	204794	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	19	Below Cal	#	43
3) Chloromethane	1.33	50	685	Below Cal	#	70
4) Vinyl Chloride	1.40	62	3321	1.08	ug/l	# 45
5) Bromomethane	1.64	94	1802	Below Cal		86
6) Chloroethane	1.75	64	679	Below Cal	#	43
10) Methyl Iodide	2.51	142	1247	6.59	ug/l	99
11) Tert butyl alcohol	3.03	59	4633	6.21	ug/l	# 81
13) Acrolein	2.29	56	103	4.47	ug/l	# 1
16) Acetone	2.45	43	1519	0.98	ug/l	# 81
20) Methylene Chloride	2.86	84	948	0.31	ug/l	# 84
25) 2-Butanone	4.71	43	1156	0.50	ug/l	# 88
27) cis-1,2-Dichloroethene	4.60	96	84456	25.88	ug/l	87
29) Tetrahydrofuran	5.18	42	1025	0.69	ug/l	# 82
36) 1,1-Dichloropropene	5.67	75	18291	4.36	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	24813	5.39	ug/l	# 16
39) Methylcyclohexane	7.47	83	2551	0.52	ug/l	90
44) Trichloroethene	7.21	130	2243	0.62	ug/l	80
49) 1,4-Dioxane	8.01	88	21	0.28	ug/l	# 22
51) 4-Methyl-2-Pentanone	8.66	43	3019	0.64	ug/l	98
52) Toluene	8.79	92	4140	0.53	ug/l	94
68) m/p-Xylenes	10.36	106	2126	0.36	ug/l	95
69) o-Xylene	10.70	106	1648	0.29	ug/l	92
76) 1,2,3-Trichloropropane	11.14	75	106696	27.10	ug/l	# 33
78) n-propylbenzene	11.37	91	7137	0.43	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	24981	2.03	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	106696	76.70	ug/l	# 6
83) tert-Butylbenzene	11.77	119	2968	0.24	ug/l	86
84) 1,2,4-Trimethylbenzene	11.81	105	59152	4.64	ug/l	100
85) sec-Butylbenzene	11.95	105	8045	0.55	ug/l	# 56
86) p-Isopropyltoluene	12.07	119	6956	0.53	ug/l	86
89) n-Butylbenzene	12.38	91	12584	1.09	ug/l	# 35
90) Hexachloroethane	12.59	117	1205	0.61	ug/l	# 1
91) 1,2-Dichlorobenzene	12.40	146	3336	0.43	ug/l	93
95) Naphthalene	13.84	128	17430	1.17	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

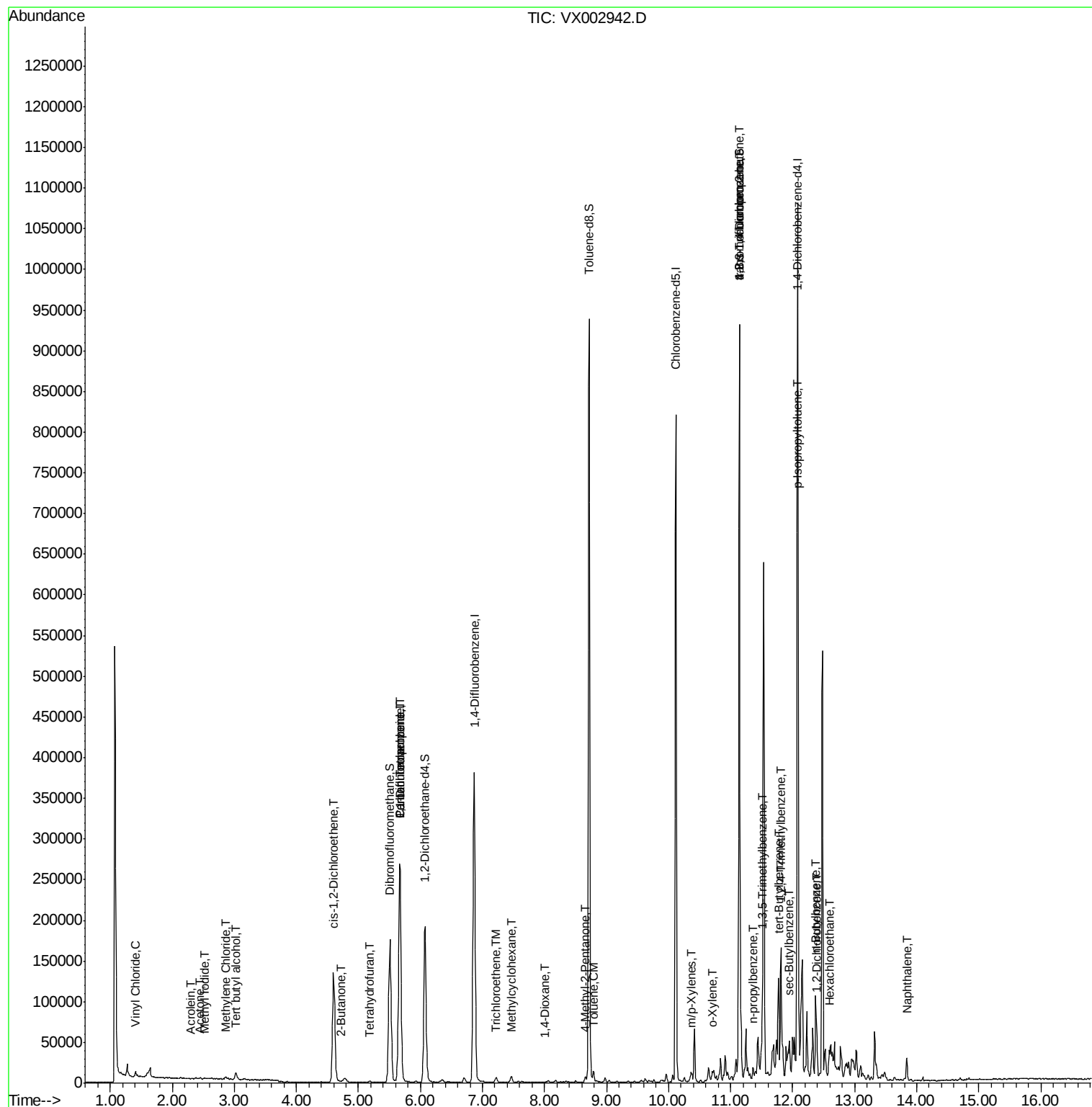
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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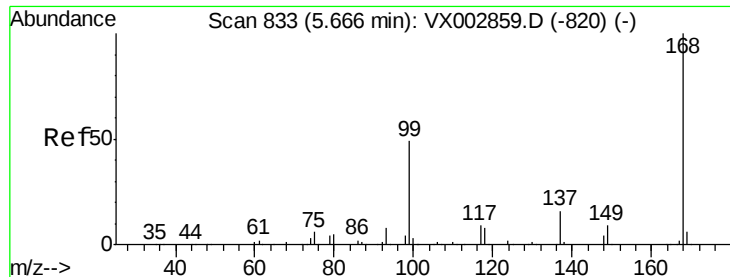
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002942.D

Acq: 27 Jun 2018 17:50

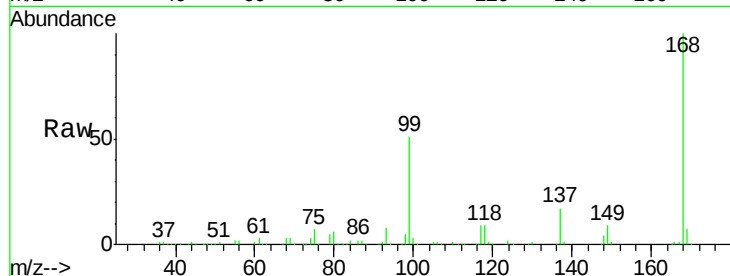
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 270950

Ion Ratio Lower Upper

168 100

99 51.1 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

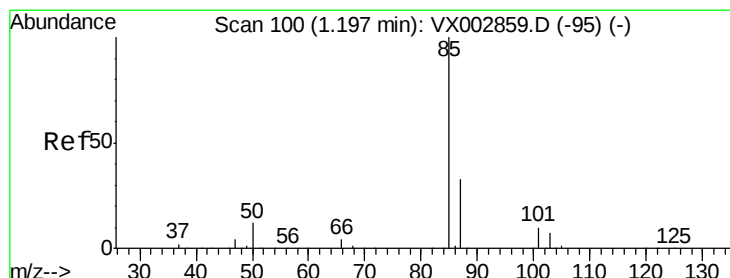
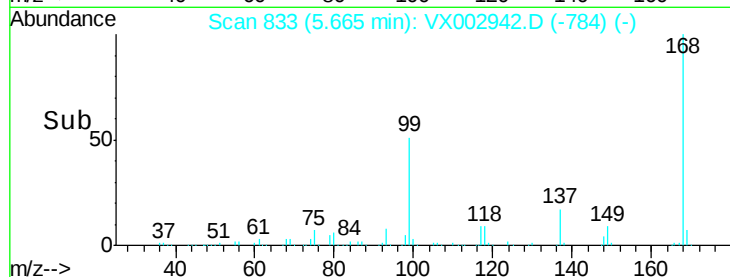
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002942.D

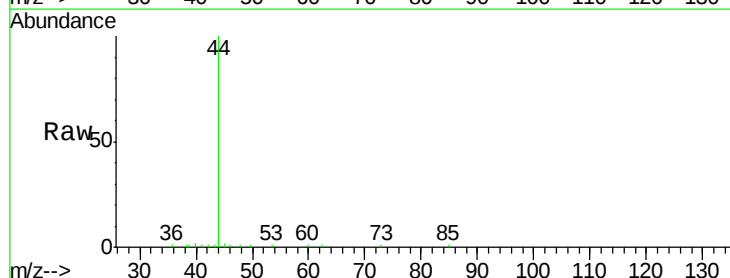
Acq: 27 Jun 2018 17:50

Tgt Ion: 85 Resp: 19

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

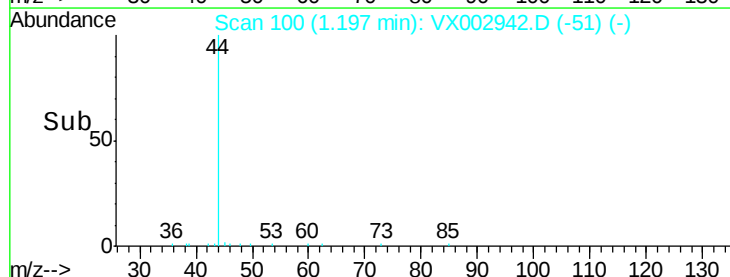
30

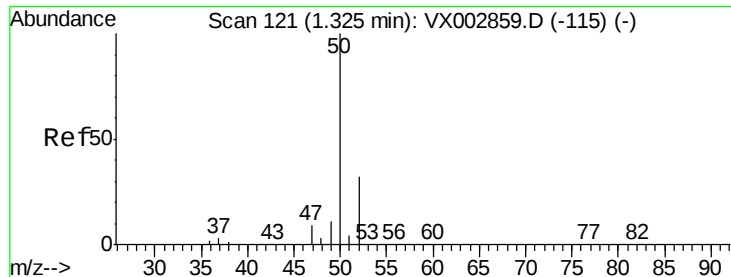
20

10

0

Time--> 1.18 1.19 1.20





#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

Instrument :

MSVOA_X

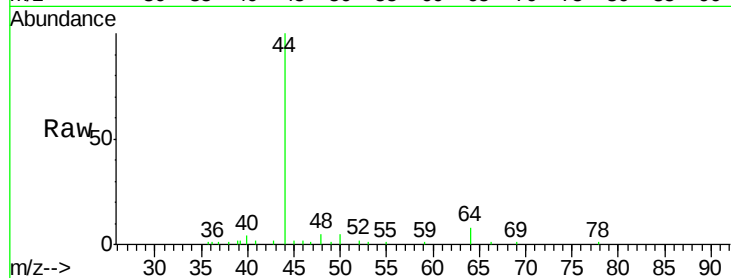
ClientSampled :

Tot Ion: 50 Resp: 685

Ion Ratio Lower Upper

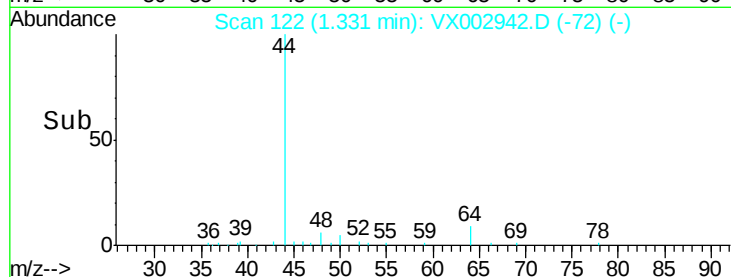
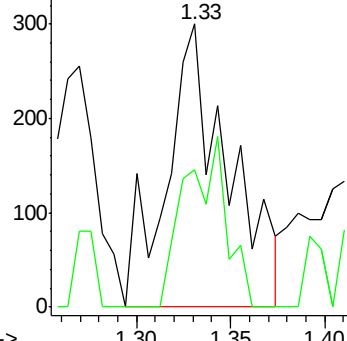
50 100

52 48.7 25.7 38.5#

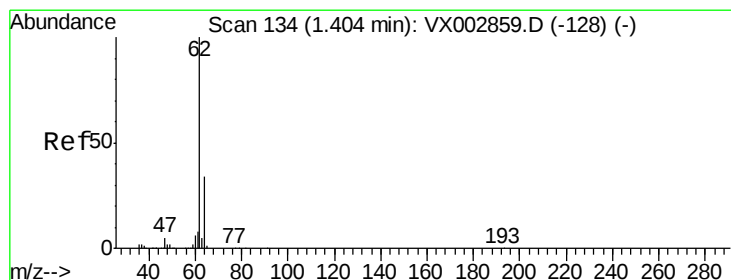


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 1.08 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002942.D

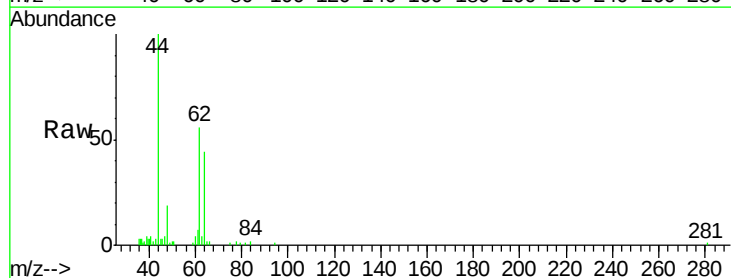
Acq: 27 Jun 2018 17:50

Tgt Ion: 62 Resp: 3321

Ion Ratio Lower Upper

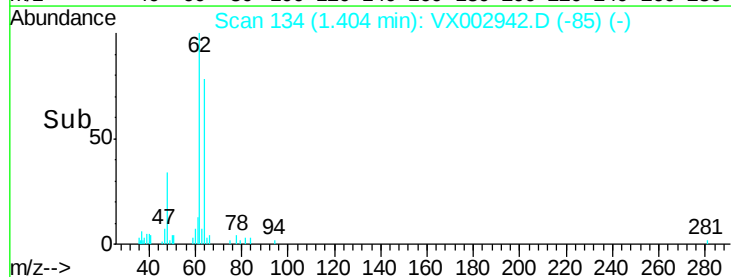
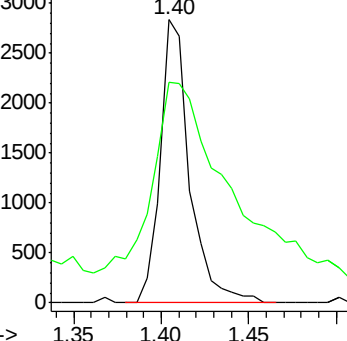
62 100

64 62.1 25.4 38.2#

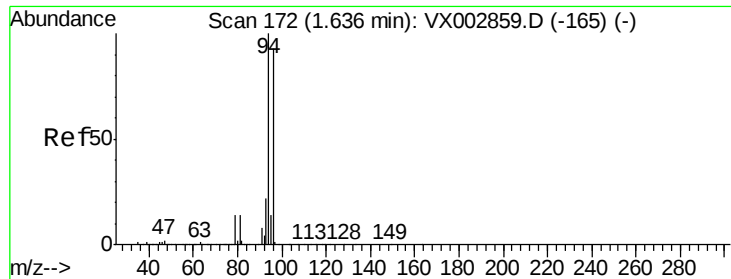


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

Instrument :

MSVOA_X

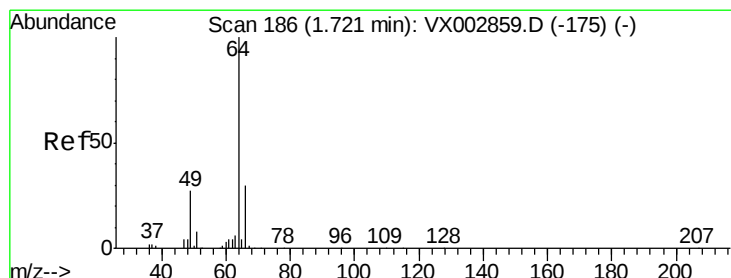
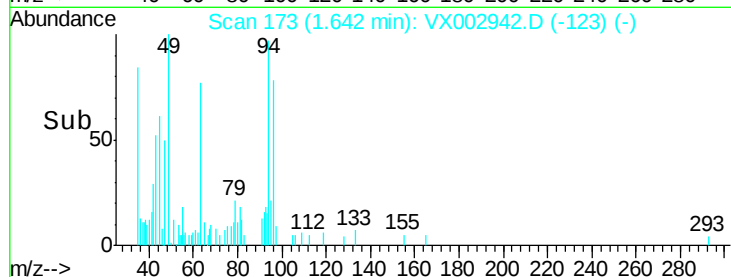
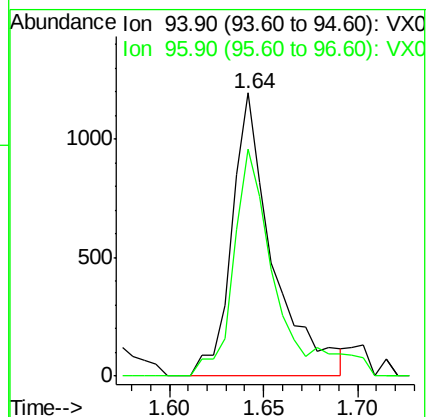
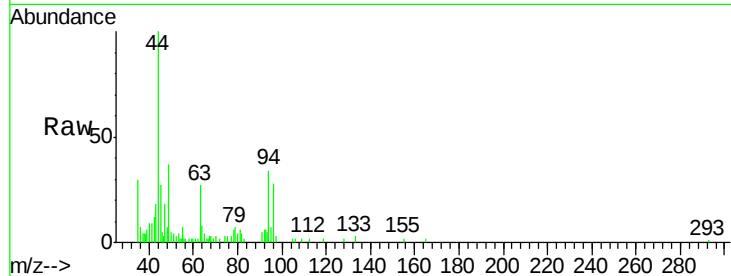
ClientSampled :

Tot Ion: 94 Resp: 1802

Ion Ratio Lower Upper

94 100

96 80.2 74.9 112.3



#6

Chloroethane

Concen: Below Cal

RT: 1.75 min Scan# 191

Delta R.T. 0.03 min

Lab File: VX002942.D

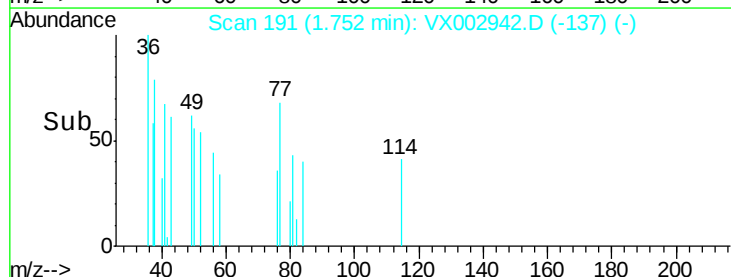
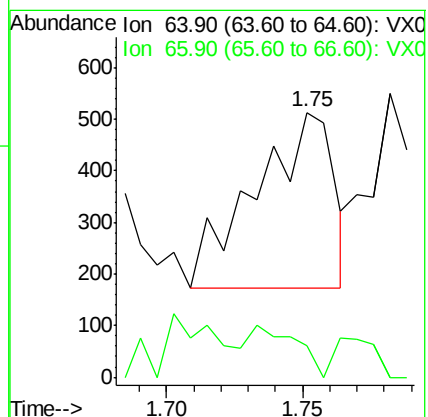
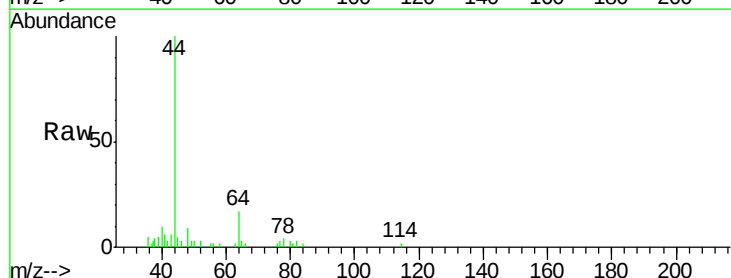
Acq: 27 Jun 2018 17:50

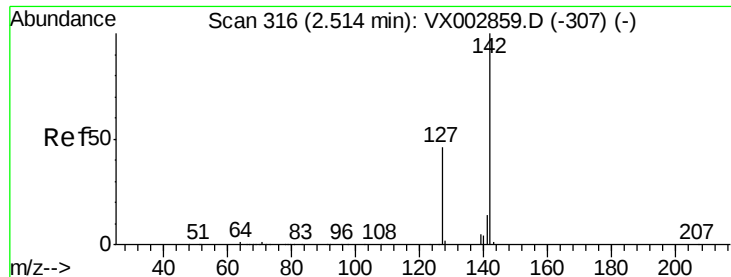
Tgt Ion: 64 Resp: 679

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#

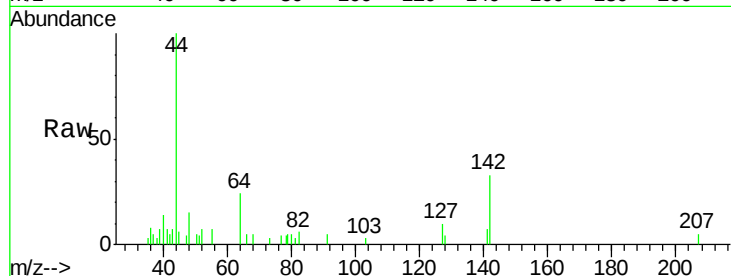




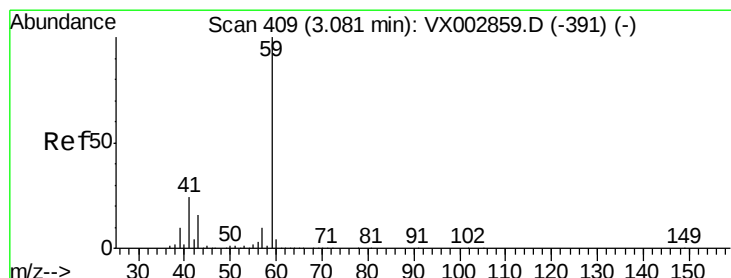
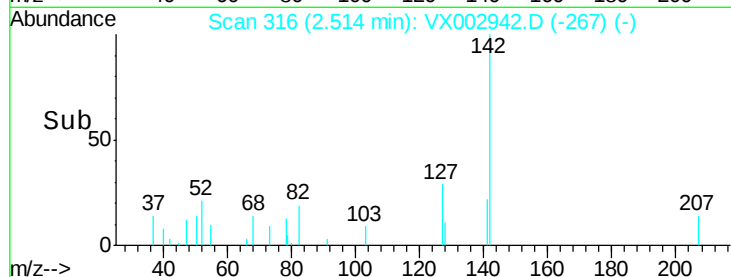
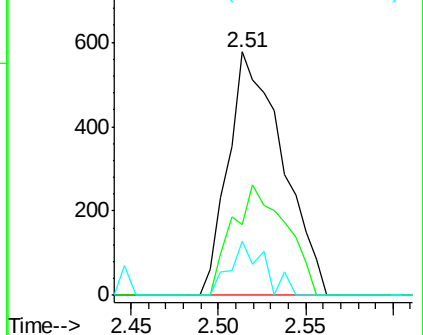
#10
Methyl Iodide
Concen: 6.59 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX002942.D
Acq: 27 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.6	36.6	55.0
141	14.0	11.3	16.9

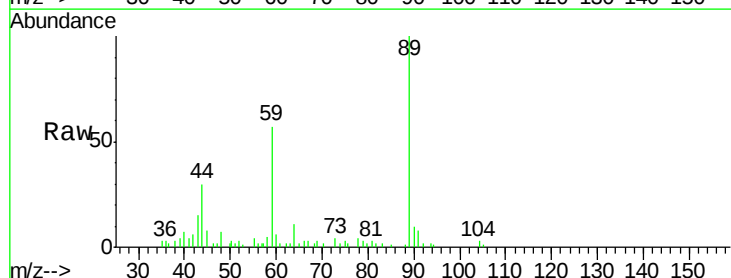


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

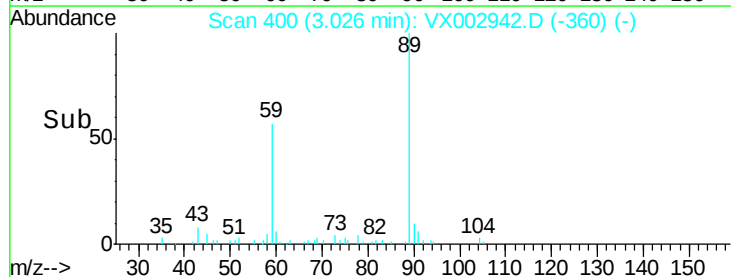
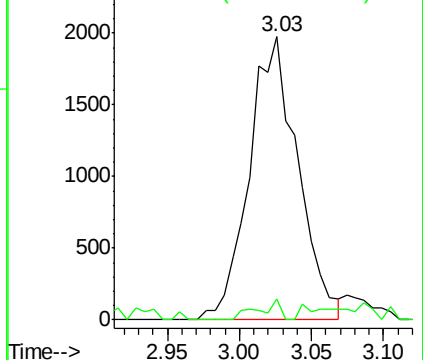


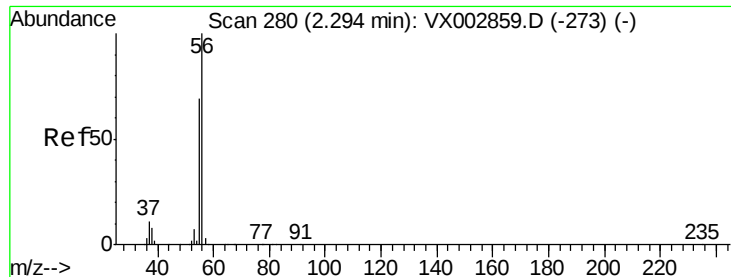
#11
Tert butyl alcohol
Concen: 6.21 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX002942.D
Acq: 27 Jun 2018 17:50

Tgt Ion	Ratio	Lower	Upper
59	100		
57	3.2	8.2	12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 4.47 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

Instrument :

MSVOA_X

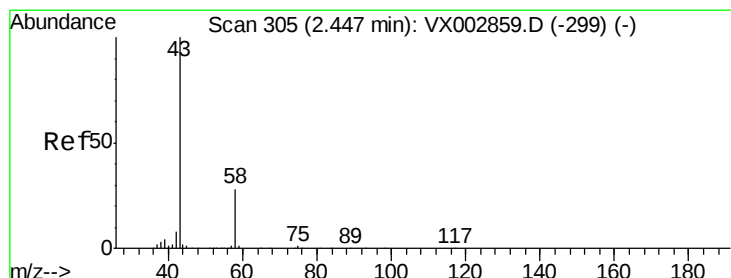
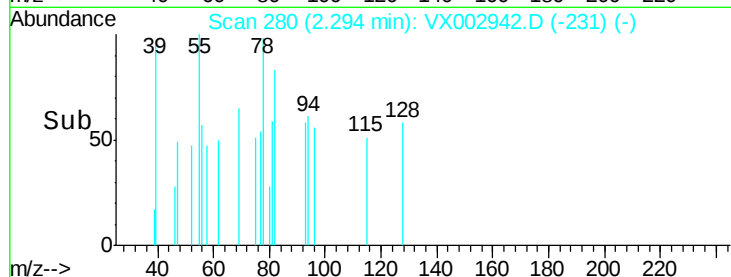
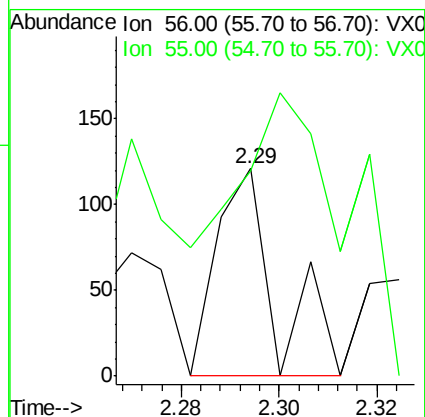
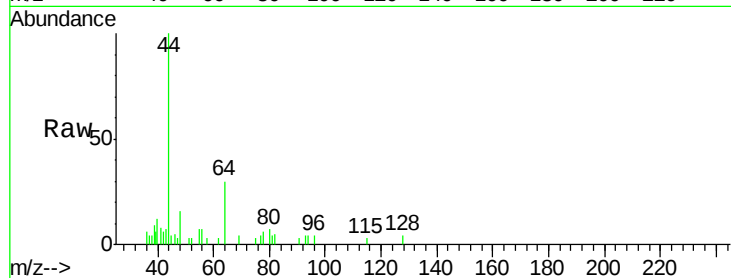
ClientSampled :

Tot Ion: 56 Resp: 103

Ion Ratio Lower Upper

56 100

55 257.3 57.0 85.4#



#16

Acetone

Concen: 0.98 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002942.D

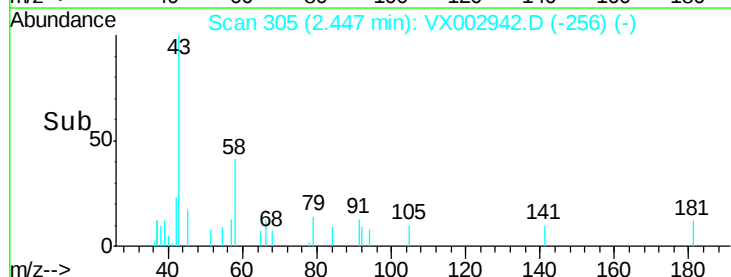
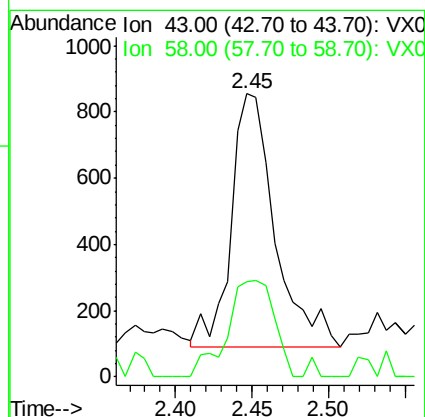
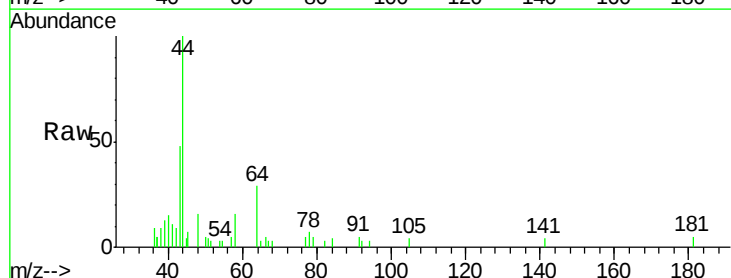
Acq: 27 Jun 2018 17:50

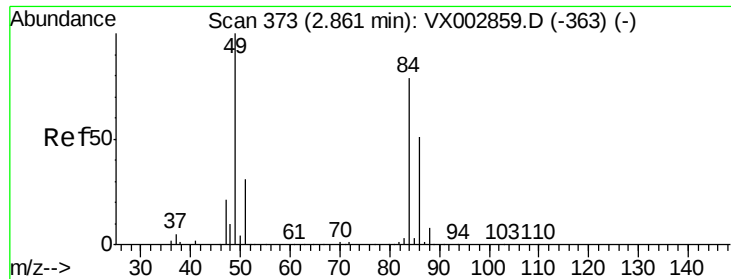
Tgt Ion: 43 Resp: 1519

Ion Ratio Lower Upper

43 100

58 37.7 22.1 33.1#





#20

Methylene Chloride

Concen: 0.31 ug/l

RT: 2.86 min Scan# 373

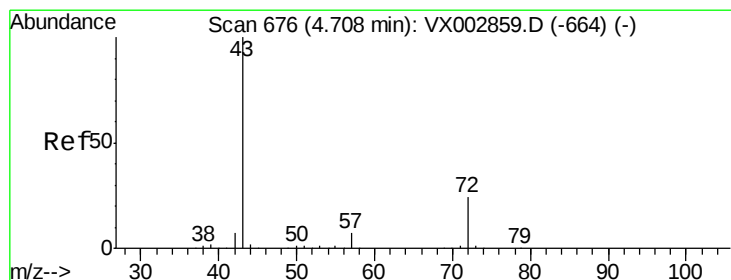
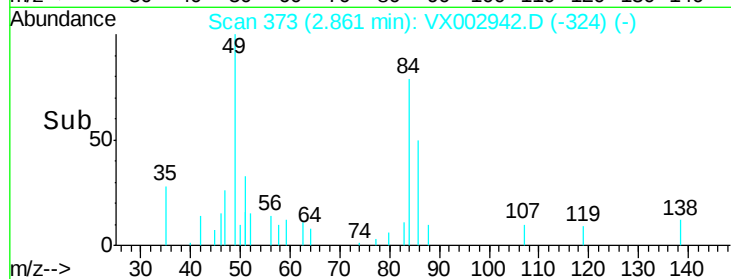
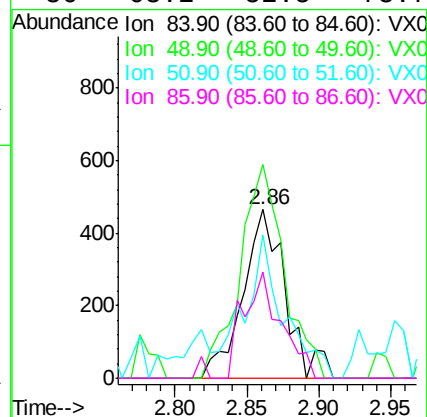
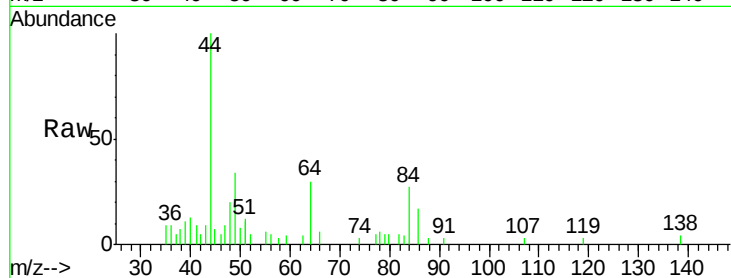
Delta R.T. -0.00 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	84	Resp:	948
Ion	Ratio	Lower	Upper
84	100		
49	126.7	107.8	161.6
51	84.7	32.8	49.2#
86	63.2	52.5	78.7



#25

2-Butanone

Concen: 0.50 ug/l

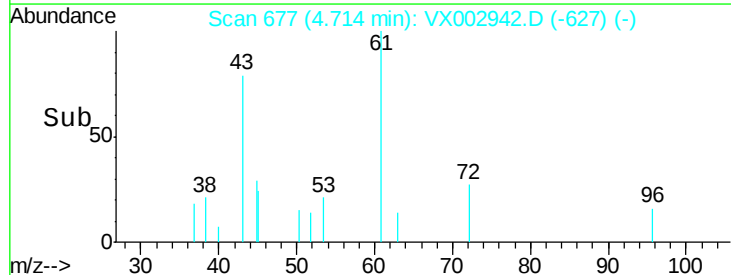
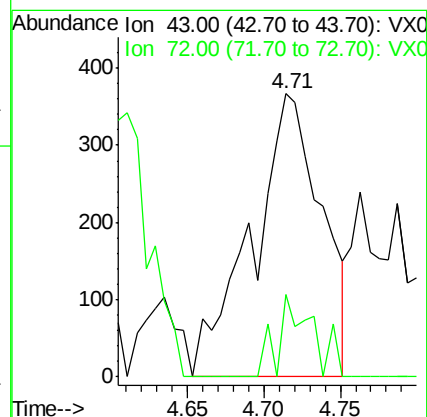
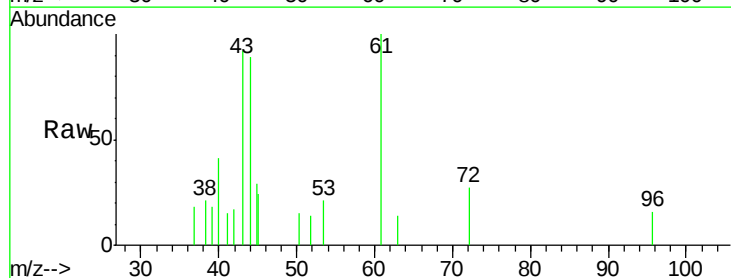
RT: 4.71 min Scan# 677

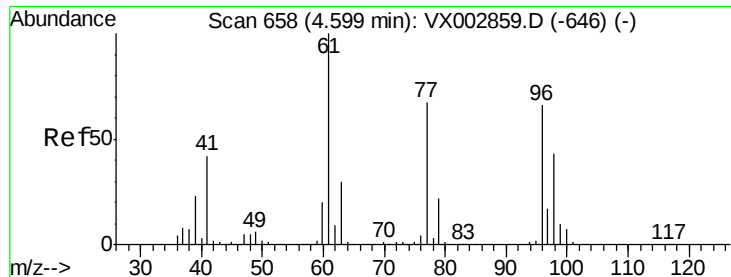
Delta R.T. 0.01 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

Tgt Ion:	43	Resp:	1156
Ion	Ratio	Lower	Upper
43	100		
72	29.2	18.5	27.7#





#27

cis-1,2-Dichloroethene

Concen: 25.88 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

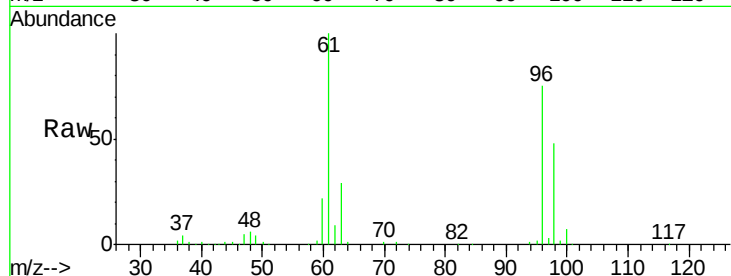
Tot Ion: 96 Resp: 84456

Ion Ratio Lower Upper

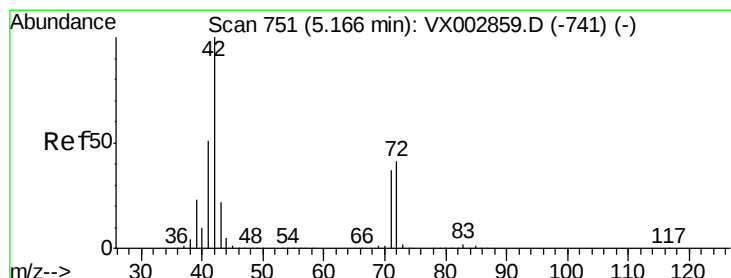
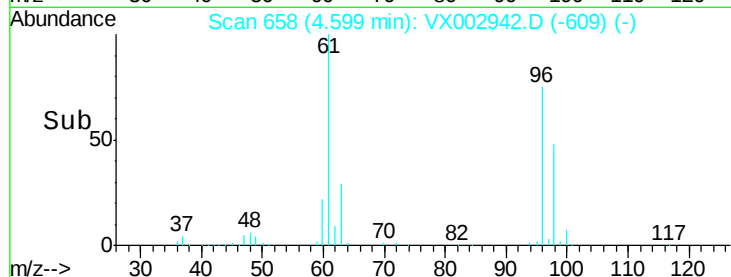
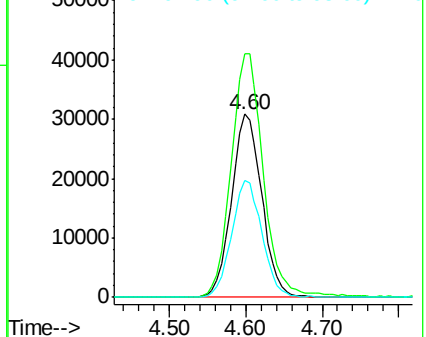
96 100

61 142.0 0.0 330.2

98 64.0 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: 0.69 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.02 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

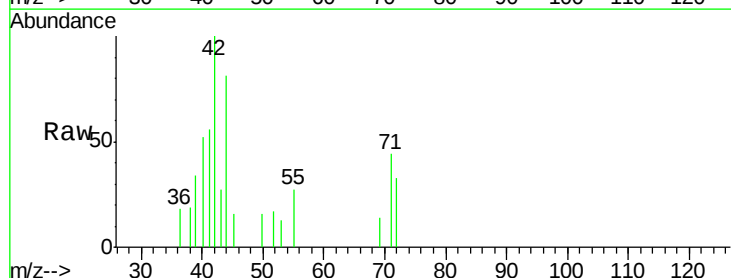
Tgt Ion: 42 Resp: 1025

Ion Ratio Lower Upper

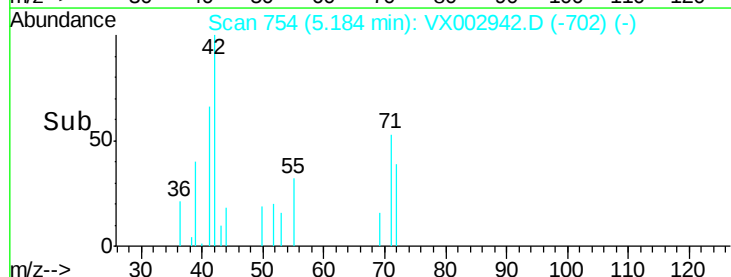
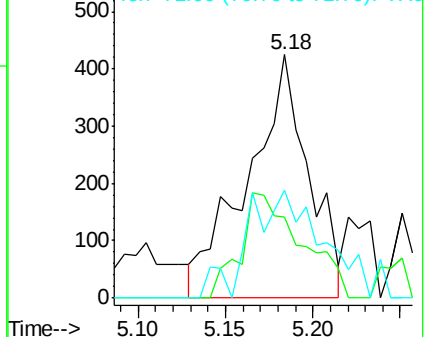
42 100

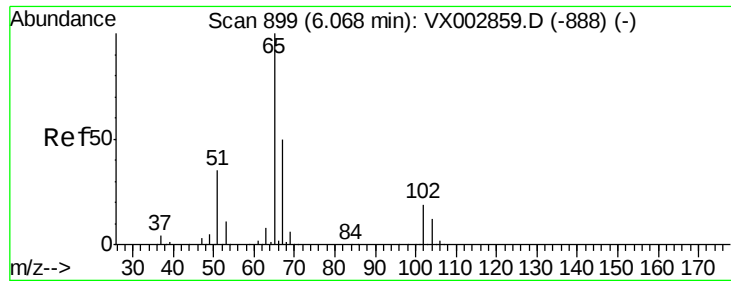
72 43.5 32.0 48.0

71 56.6 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: 49.82 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

Instrument :

MSVOA_X

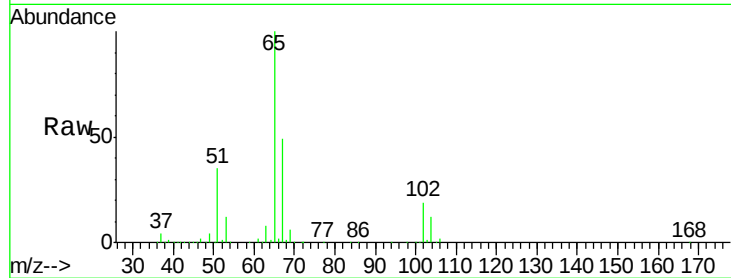
ClientSampleId :

Tot Ion: 65 Resp: 186573

Ion Ratio Lower Upper

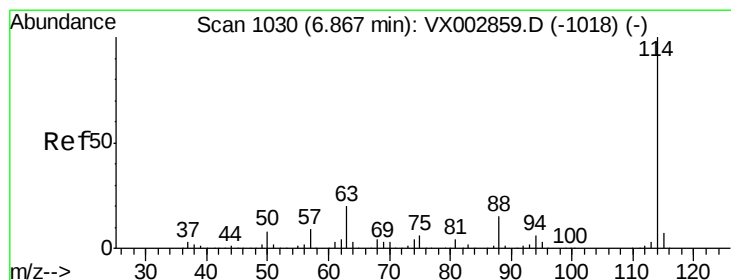
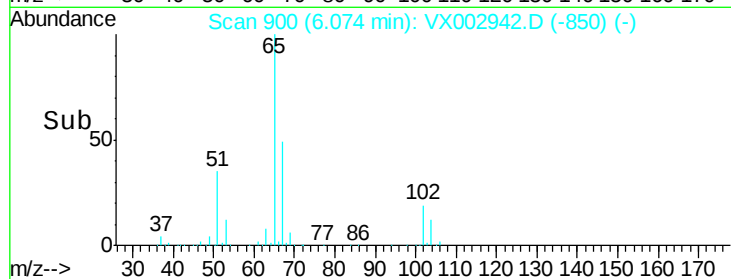
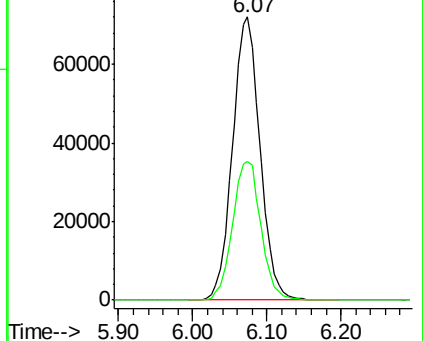
65 100

67 50.7 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: VX002942.D

Acq: 27 Jun 2018 17:50

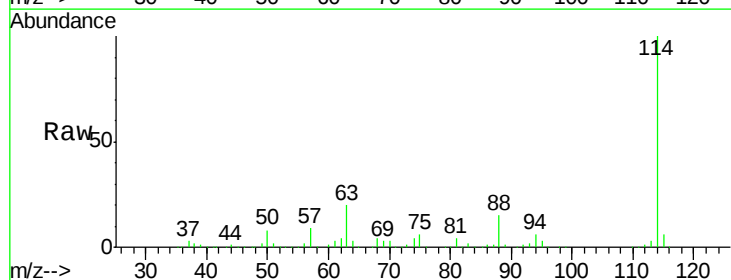
Tgt Ion: 114 Resp: 382328

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

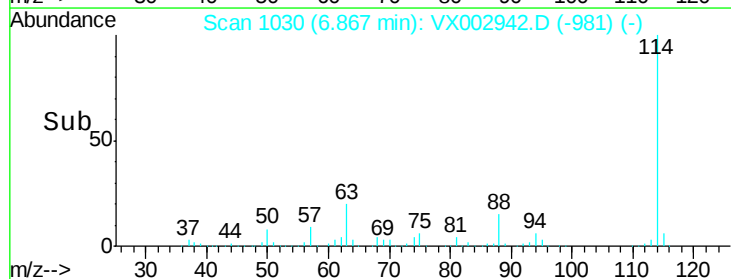
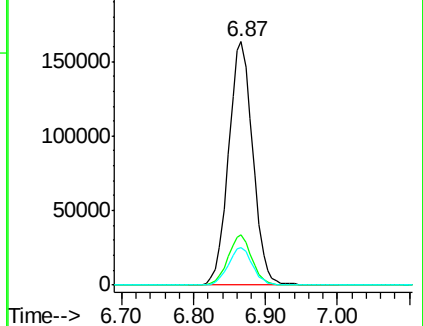
88 15.2 0.0 30.0

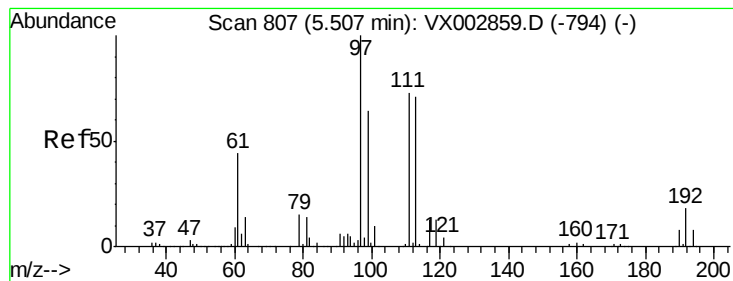


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.19 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

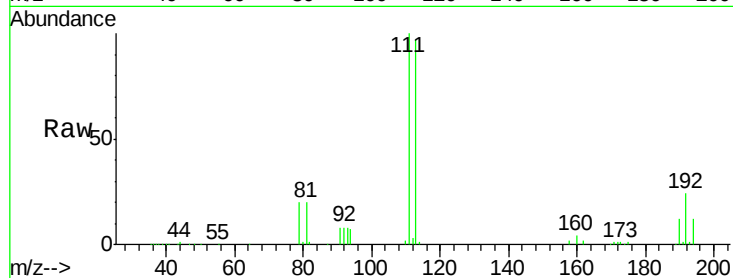
Tot Ion:113 Resp: 142883

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

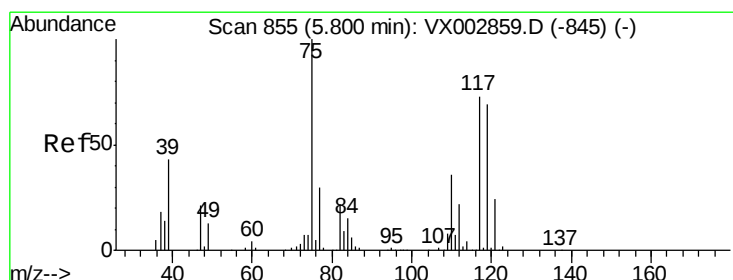
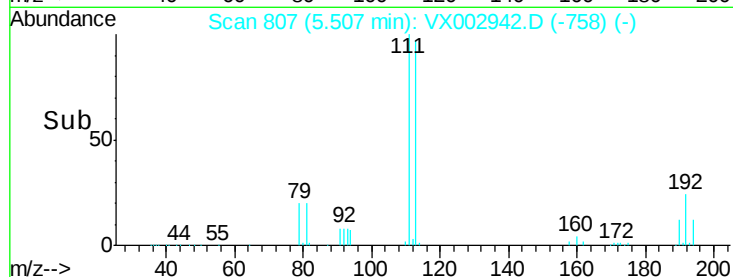
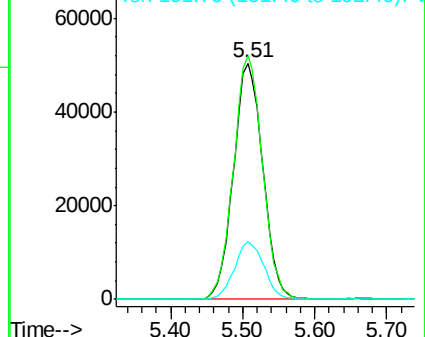
192 24.5 19.1 28.7



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: 4.36 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

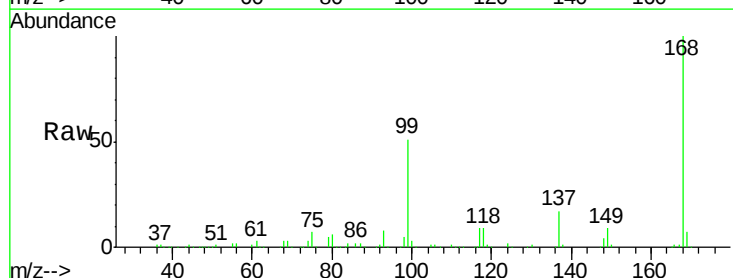
Tgt Ion: 75 Resp: 18291

Ion Ratio Lower Upper

75 100

110 10.3 18.1 54.4#

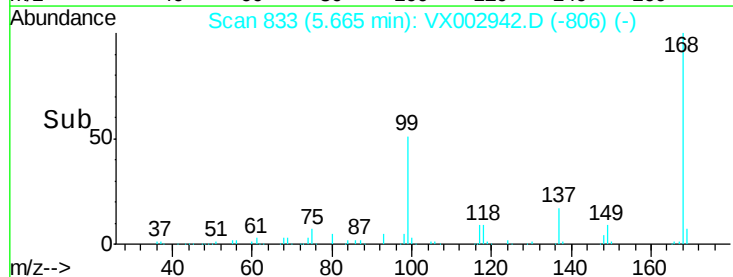
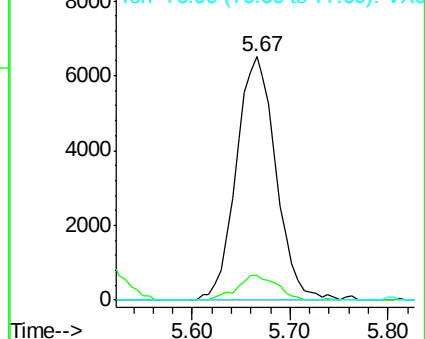
77 0.0 24.3 36.5#

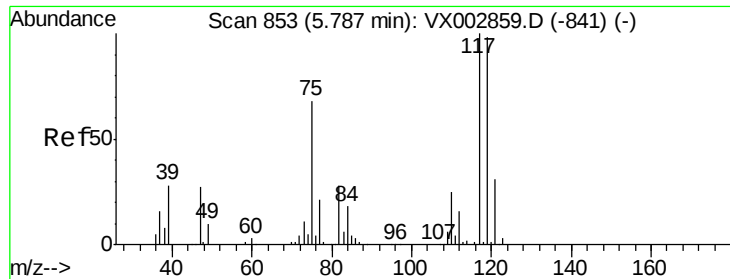


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.39 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

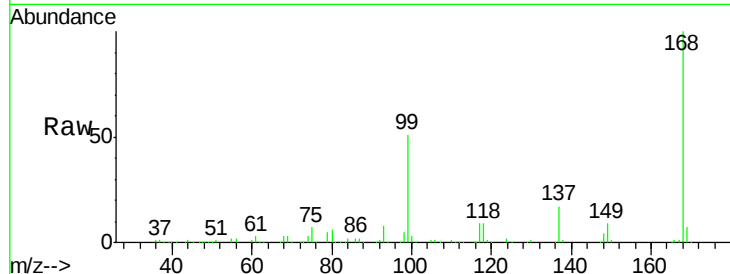
Tot Ion:117 Resp: 24813

Ion Ratio Lower Upper

117 100

119 6.2 77.4 116.0#

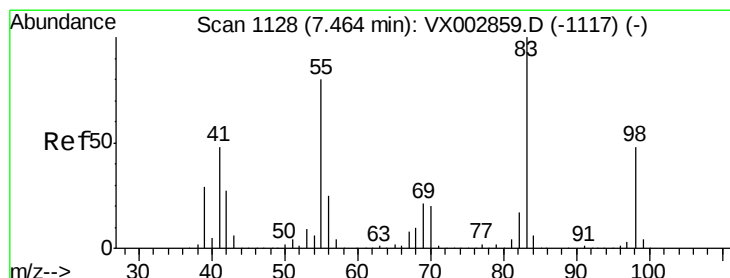
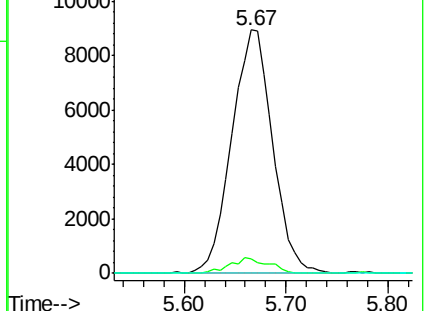
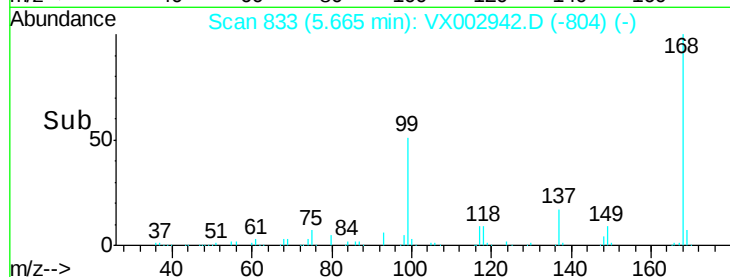
121 0.0 24.4 36.6#



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



#39

Methylcyclohexane

Concen: 0.52 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

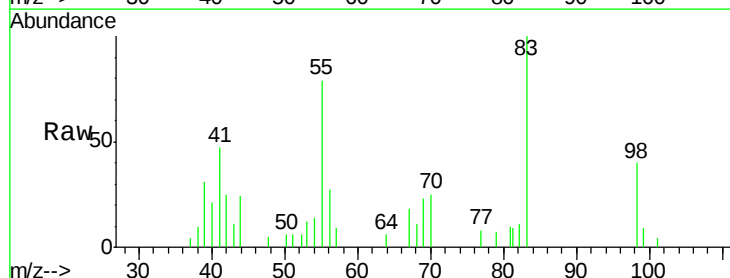
Tgt Ion: 83 Resp: 2551

Ion Ratio Lower Upper

83 100

55 72.3 65.4 98.0

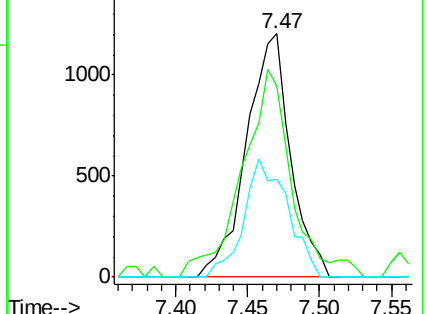
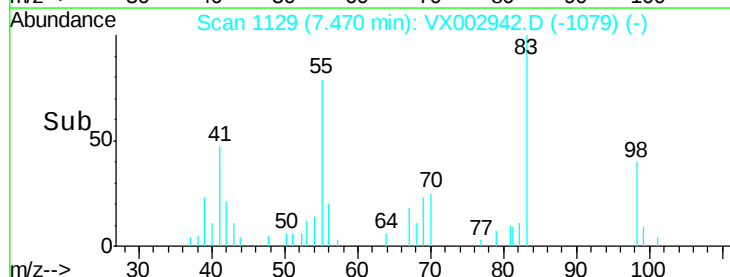
98 40.0 37.4 56.0

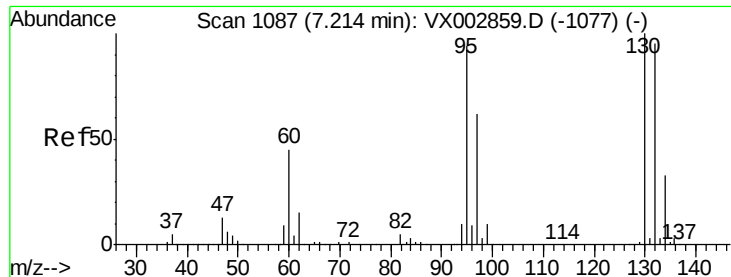


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 0.62 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

Instrument :

MSVOA_X

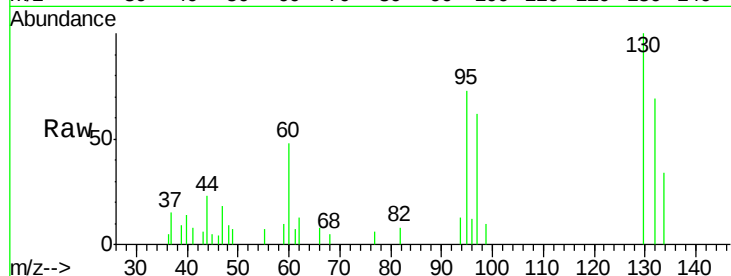
ClientSampleId :

Tot Ion:130 Resp: 2243

Ion Ratio Lower Upper

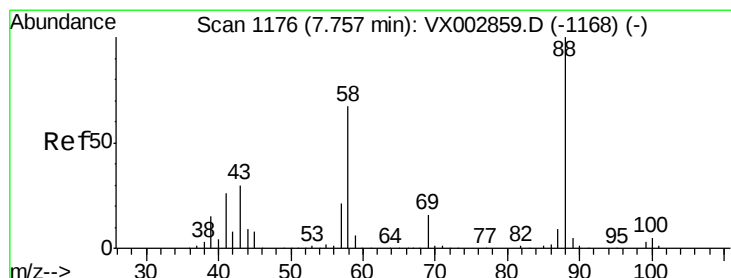
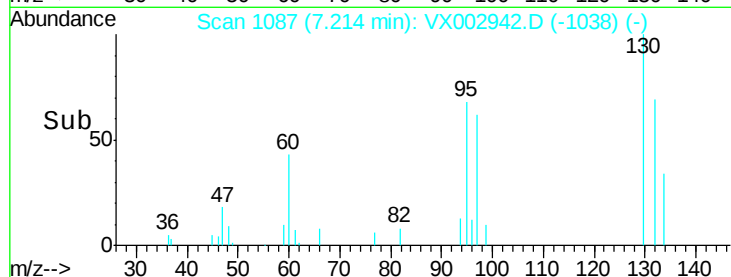
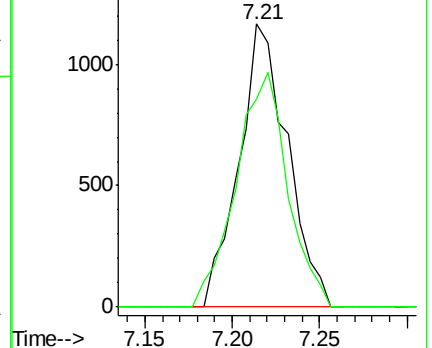
130 100

95 73.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 0.28 ug/l

RT: 8.01 min Scan# 1217

Delta R.T. 0.25 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

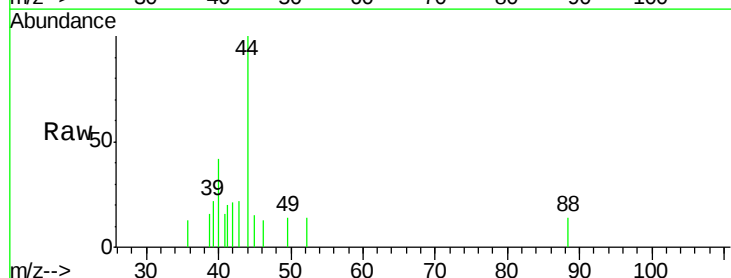
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 0.0 29.8 44.6#

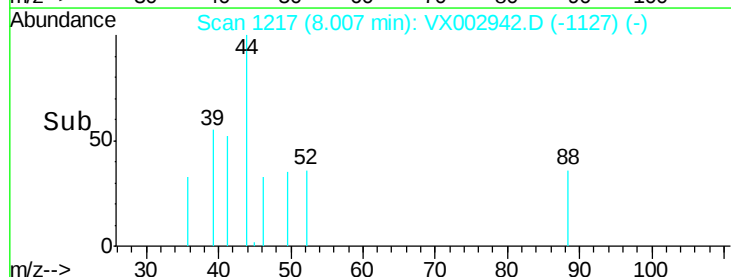
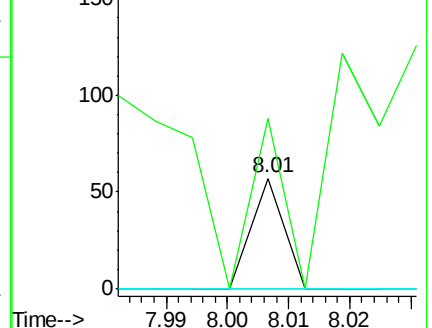
58 0.0 57.1 85.7#

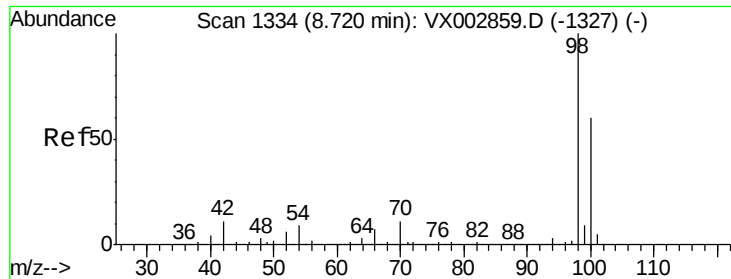


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

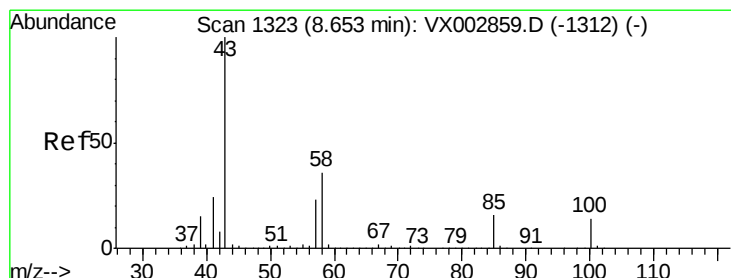
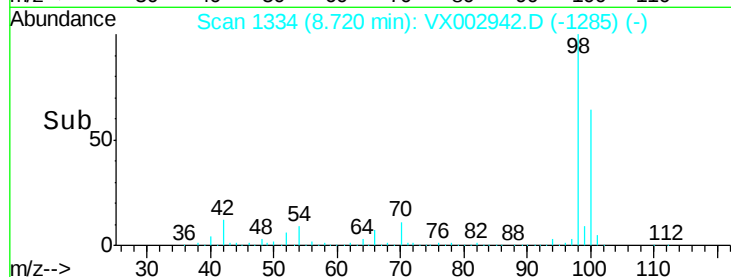
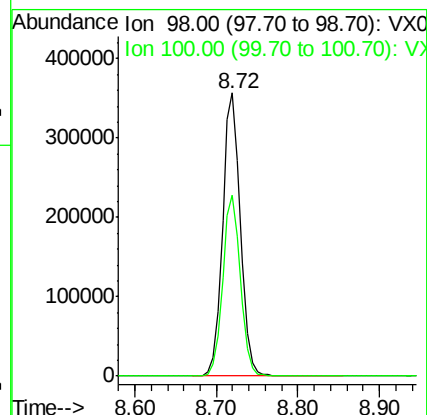
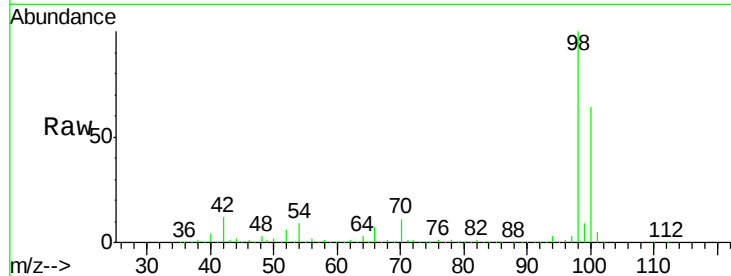




#50
Toluene-d8
Concen: 49.21 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002942.D
Acq: 27 Jun 2018 17:50

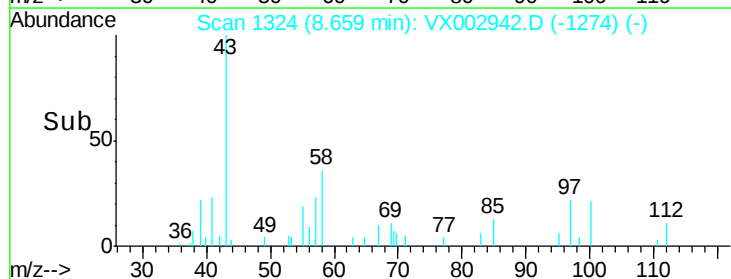
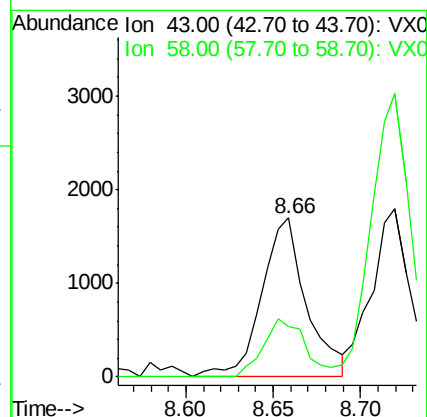
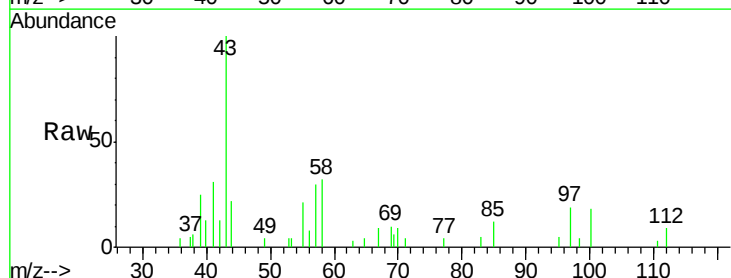
Instrument :
MSVOA_X
ClientSampleId :

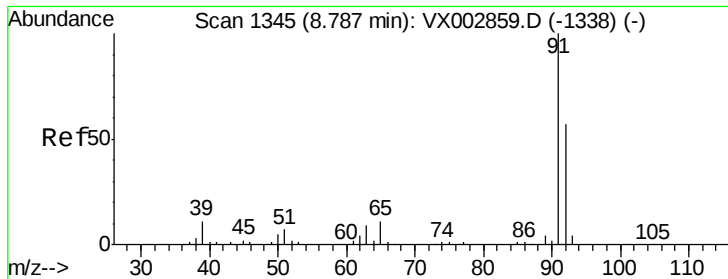
Tot Ion: 98 Resp: 544110
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.64 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002942.D
Acq: 27 Jun 2018 17:50

Tgt Ion: 43 Resp: 3019
Ion Ratio Lower Upper
43 100
58 34.3 28.6 42.8





#52

Toluene

Concen: 0.53 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

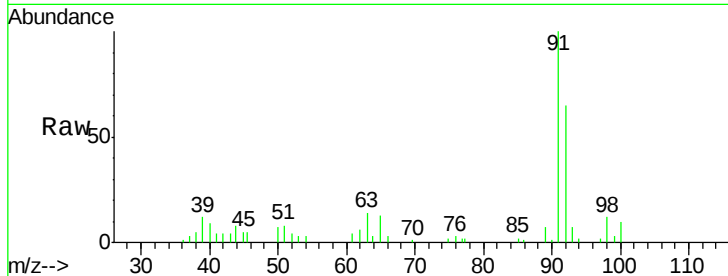
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 4140

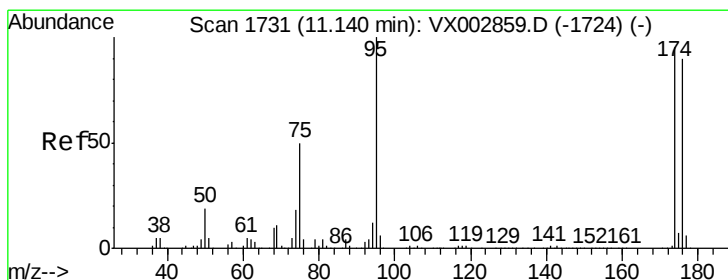
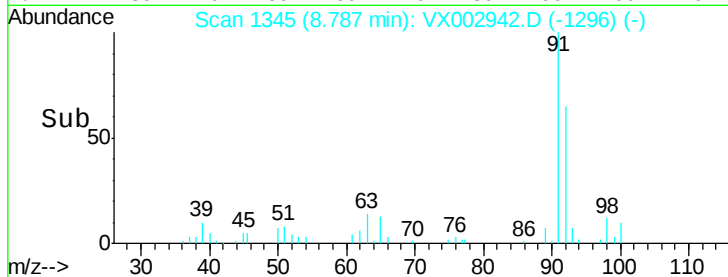
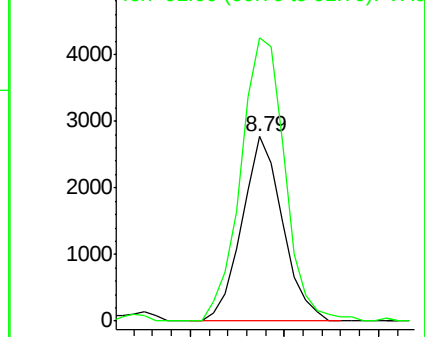
Ion Ratio Lower Upper

92 100

91 166.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 48.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

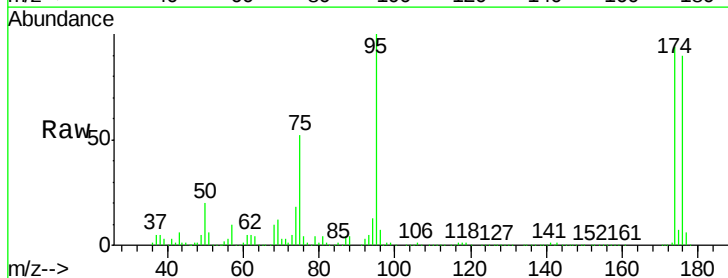
Tgt Ion: 95 Resp: 204794

Ion Ratio Lower Upper

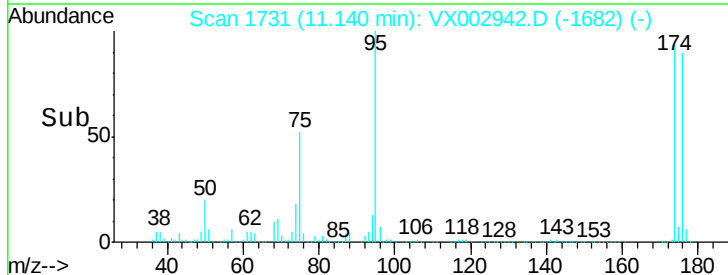
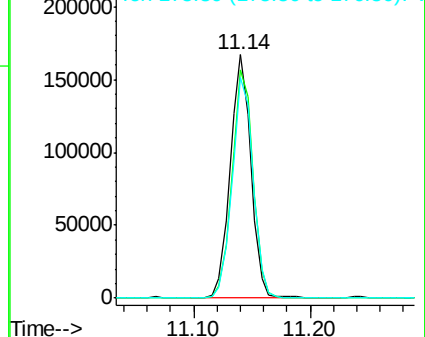
95 100

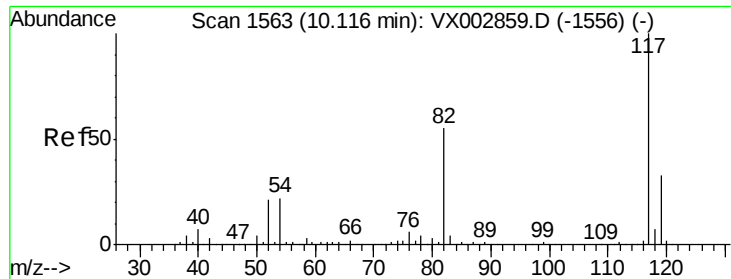
174 95.6 0.0 187.4

176 91.9 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

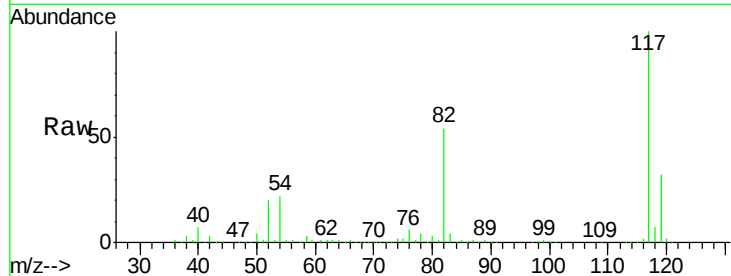




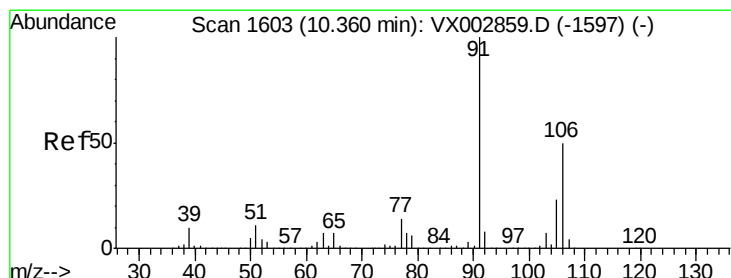
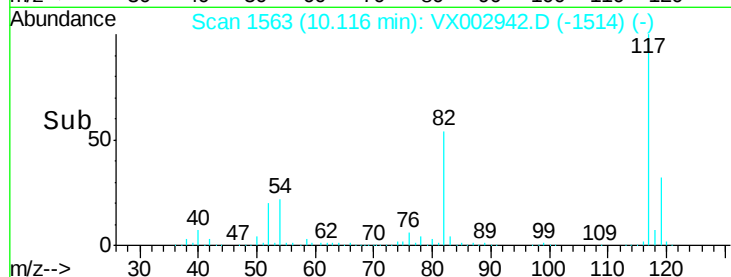
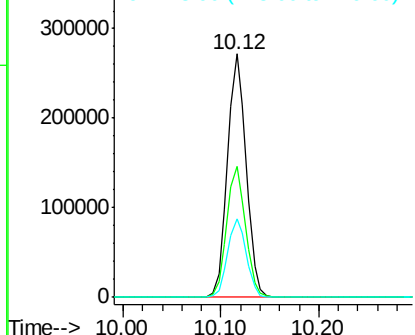
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002942.D
Acq: 27 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 361327
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.2 25.8 38.6

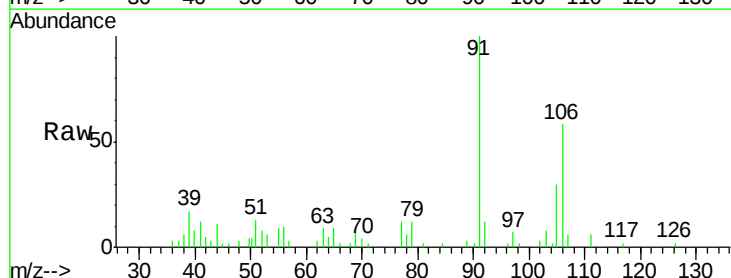


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

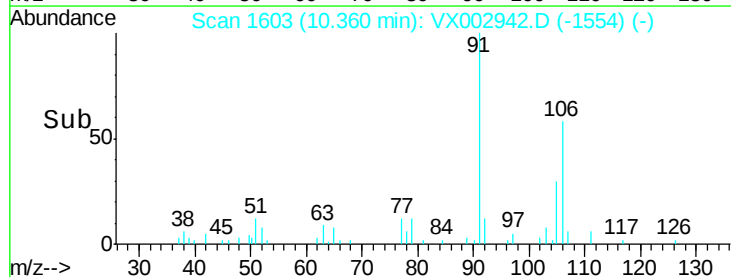
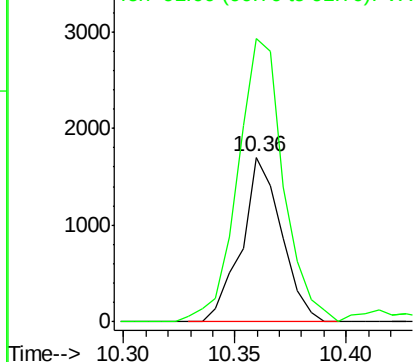


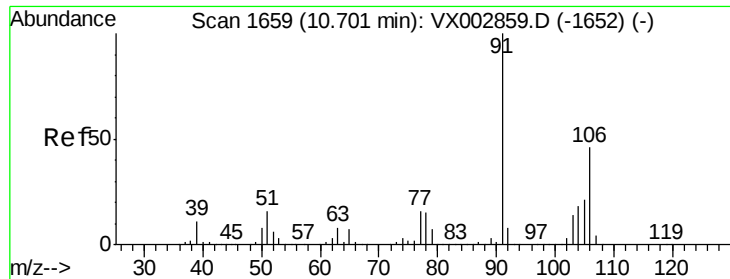
#68
m/p-Xylenes
Concen: 0.36 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002942.D
Acq: 27 Jun 2018 17:50

Tgt Ion:106 Resp: 2126
Ion Ratio Lower Upper
106 100
91 196.8 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

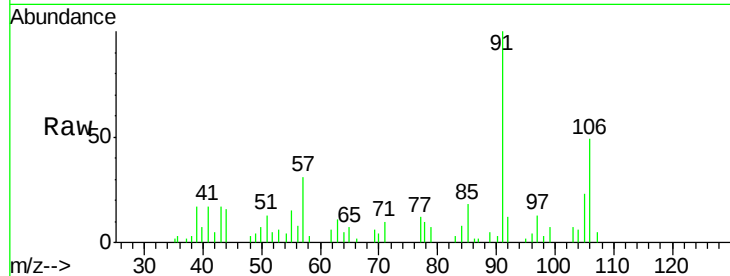




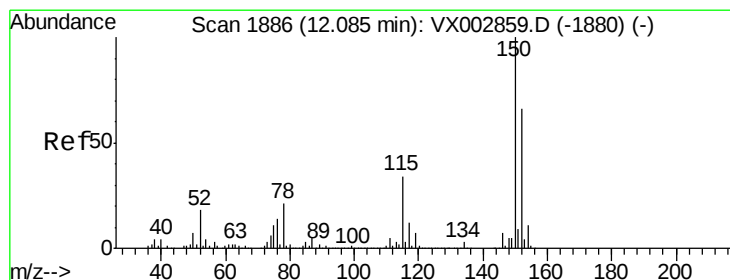
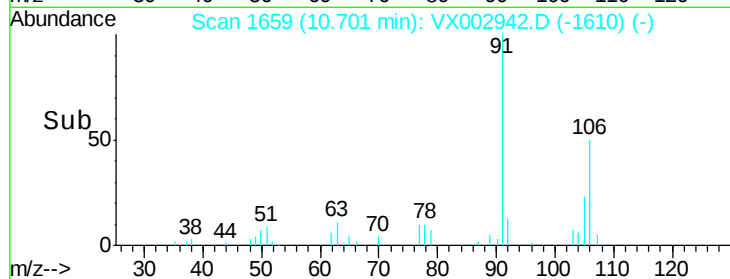
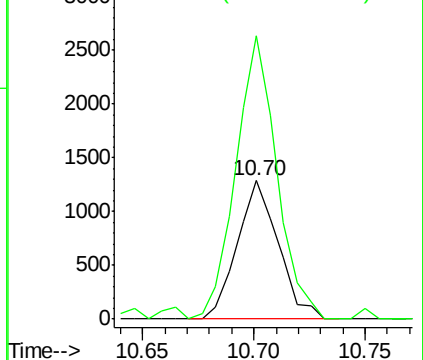
#69
o-Xylene
Concen: 0.29 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002942.D
Acq: 27 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 1648
Ion Ratio Lower Upper
106 100
91 204.4 108.2 324.6

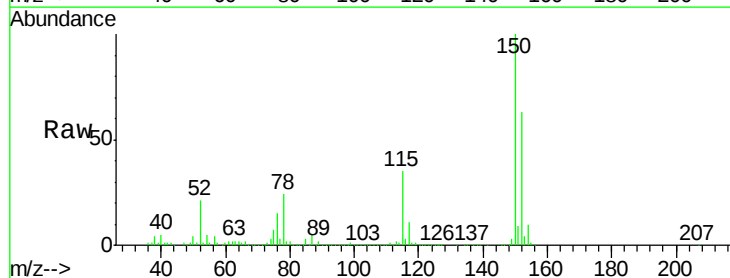


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

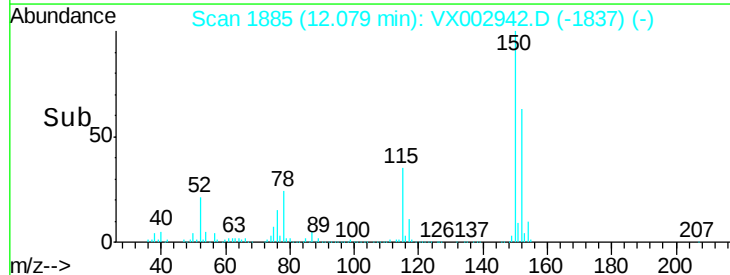
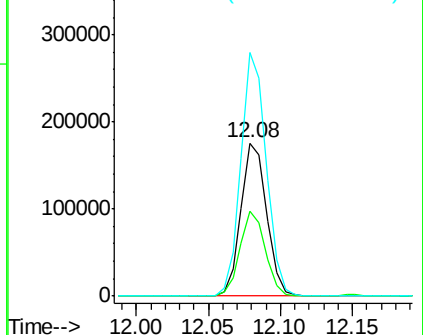


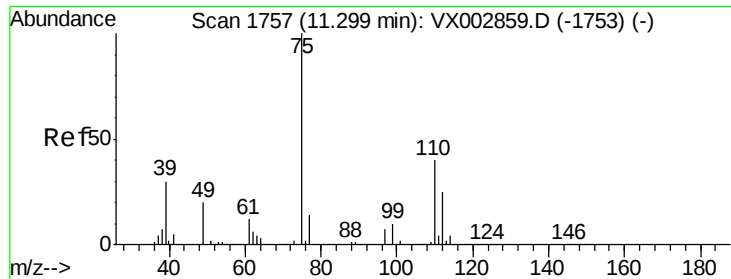
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002942.D
Acq: 27 Jun 2018 17:50

Tgt Ion:152 Resp: 217368
Ion Ratio Lower Upper
152 100
115 54.5 40.1 120.2
150 157.0 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





#76

1,2,3-Trichloropropane

Concen: 27.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

Instrument :

MSVOA_X

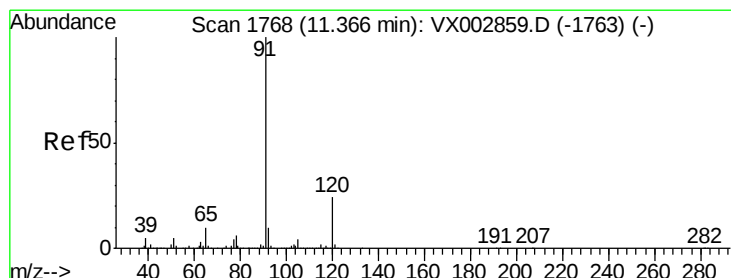
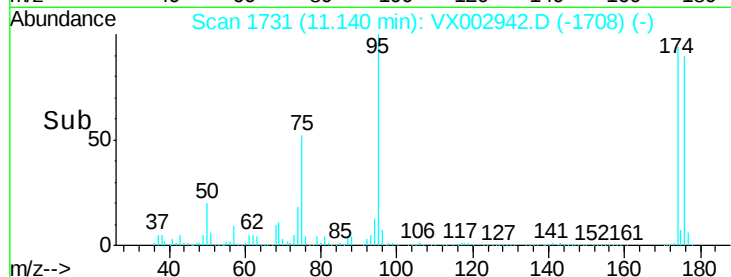
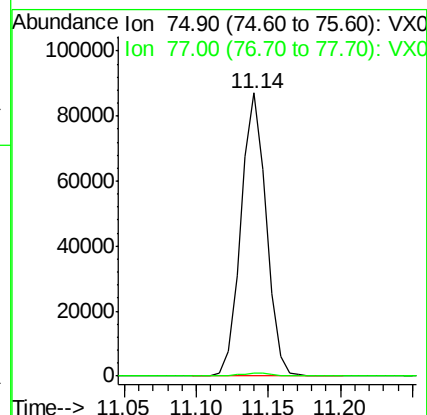
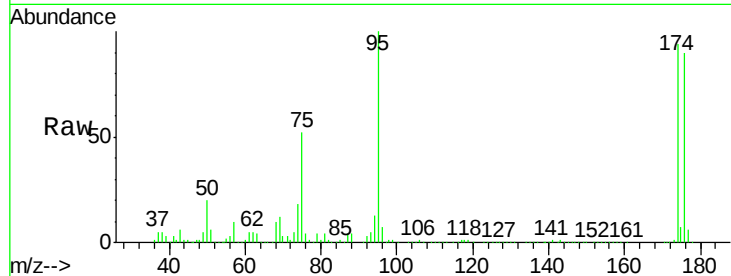
ClientSampleId :

Tot Ion: 75 Resp: 106696

Ion Ratio Lower Upper

75 100

77 1.3 22.8 68.3#



#78

n-propylbenzene

Concen: 0.43 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002942.D

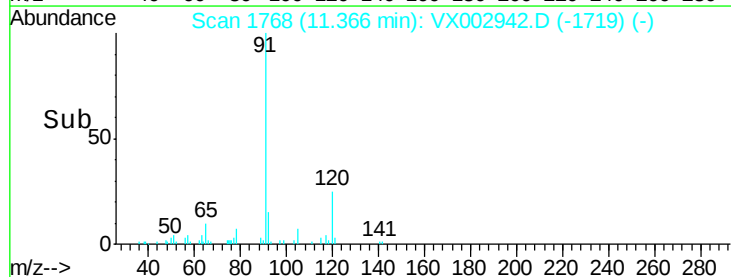
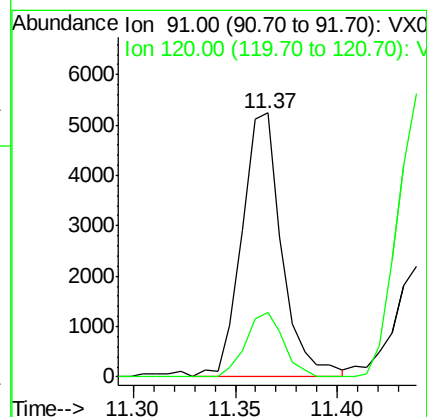
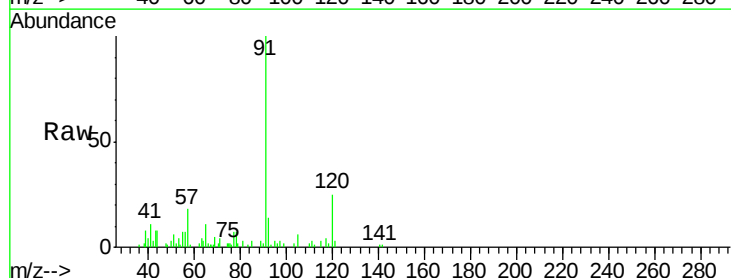
Acq: 27 Jun 2018 17:50

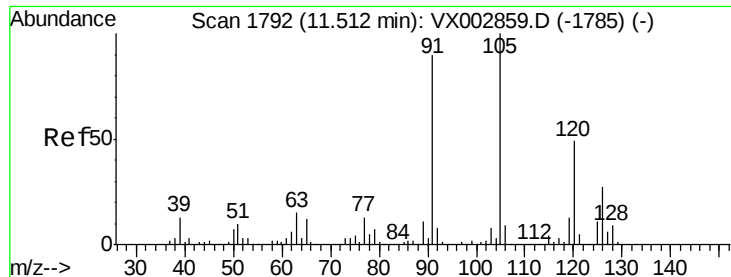
Tgt Ion: 91 Resp: 7137

Ion Ratio Lower Upper

91 100

120 23.0 11.8 35.4

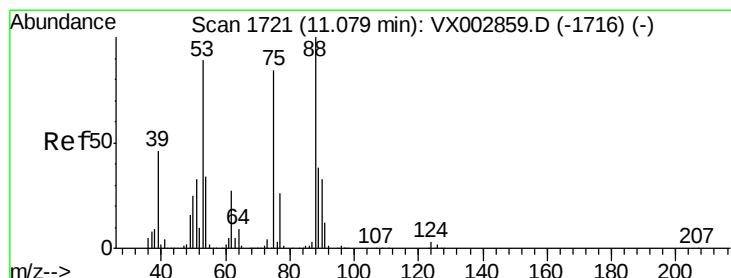
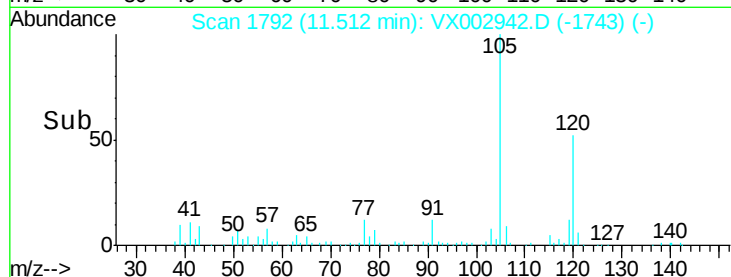
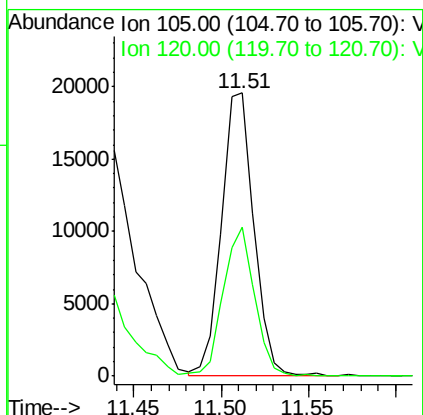
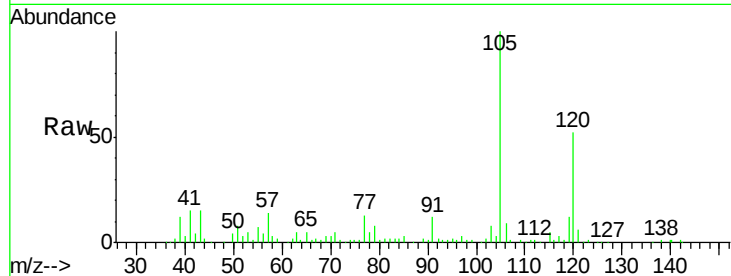




#80
 1,3,5-Trimethylbenzene
 Concen: 2.03 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002942.D
 Acq: 27 Jun 2018 17:50

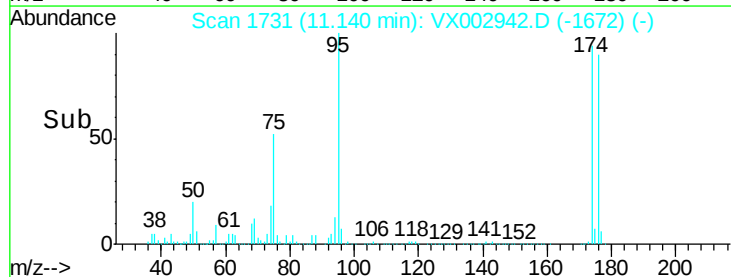
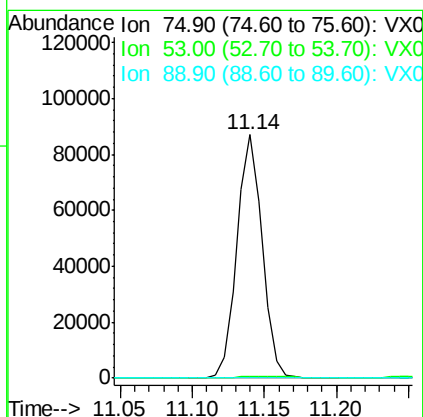
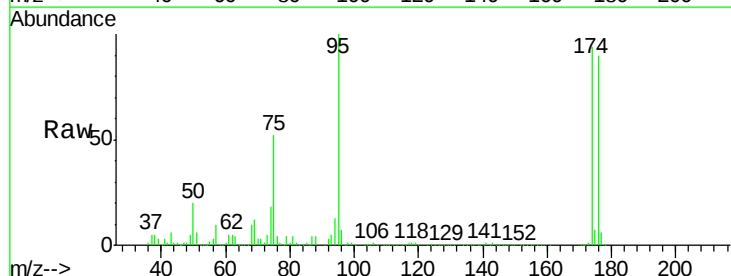
Instrument :
 MSVOA_X
 ClientSampleId :

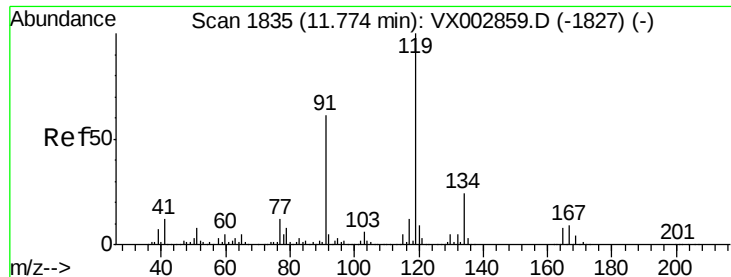
Tot Ion:105 Resp: 24981
 Ion Ratio Lower Upper
 105 100
 120 51.6 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.70 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002942.D
 Acq: 27 Jun 2018 17:50

Tgt Ion: 75 Resp: 106696
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 38.2 57.2#





#83

tert-Butylbenzene

Concen: 0.24 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

Instrument :

MSVOA_X

ClientSampled :

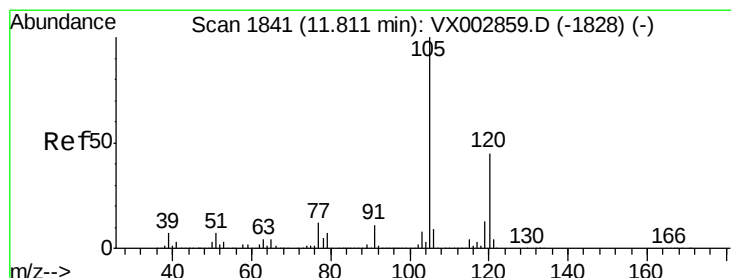
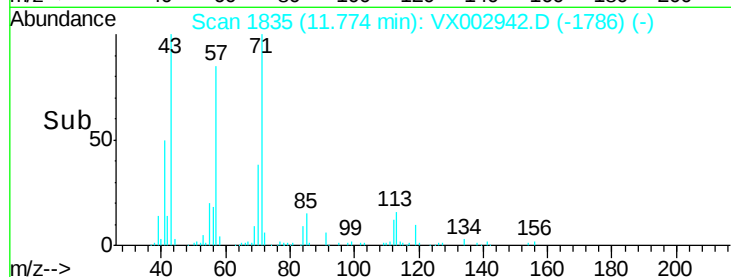
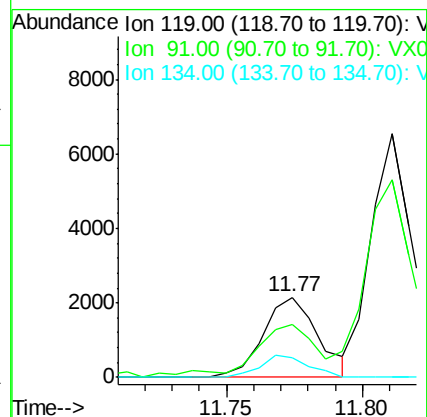
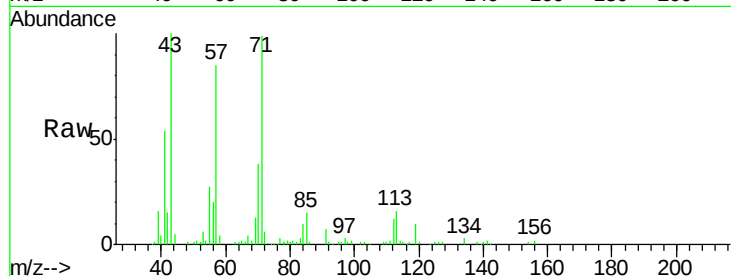
Tot Ion:119 Resp: 2968

Ion Ratio Lower Upper

119 100

91 74.3 30.3 90.9

134 24.4 11.7 35.1



#84

1,2,4-Trimethylbenzene

Concen: 4.64 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002942.D

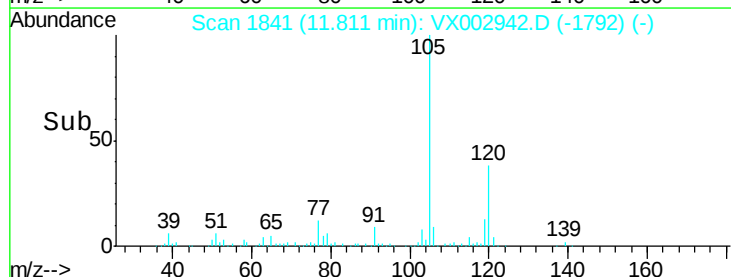
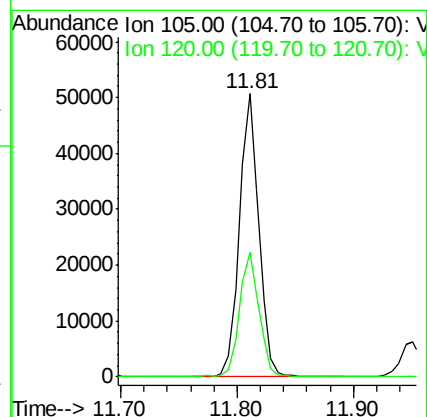
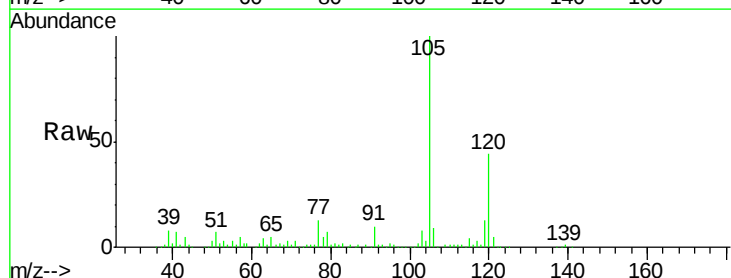
Acq: 27 Jun 2018 17:50

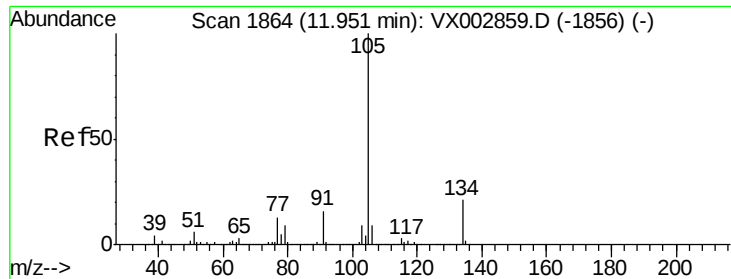
Tgt Ion:105 Resp: 59152

Ion Ratio Lower Upper

105 100

120 44.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 0.55 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

Instrument :

MSVOA_X

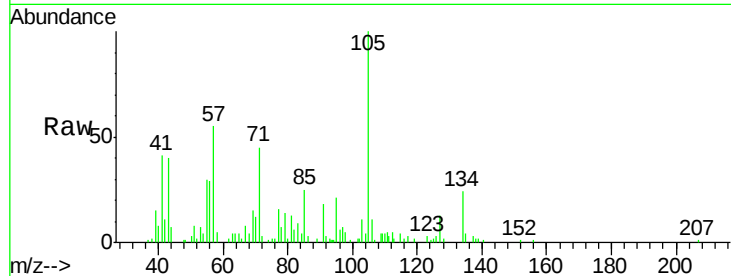
ClientSampleId :

Tot Ion:105 Resp: 8045

Ion Ratio Lower Upper

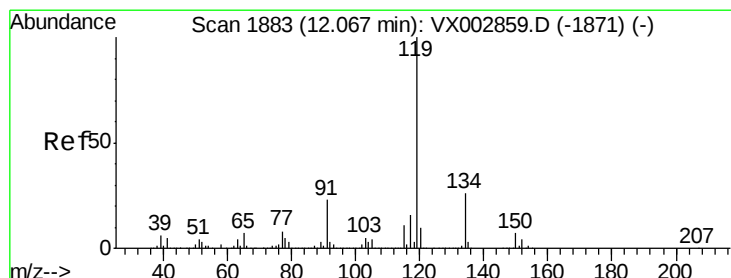
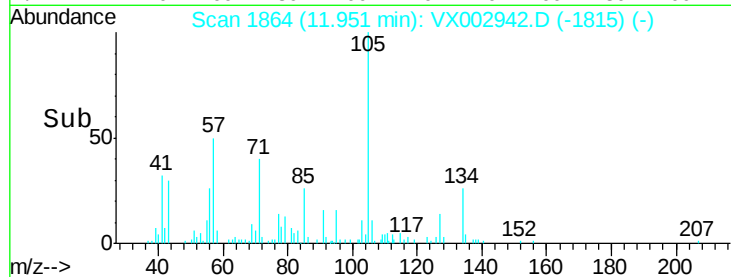
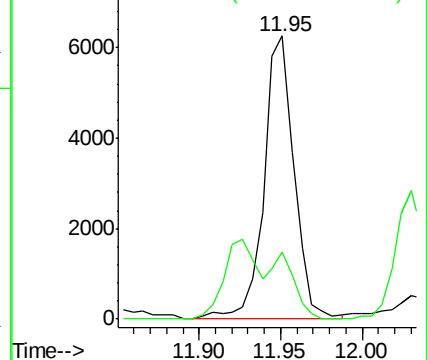
105 100

134 0.0 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: 0.53 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

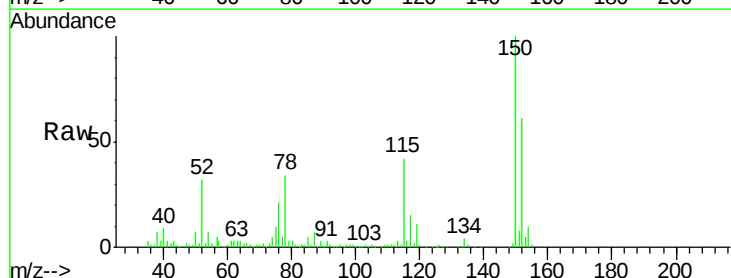
Tgt Ion:119 Resp: 6956

Ion Ratio Lower Upper

119 100

134 35.3 13.4 40.1

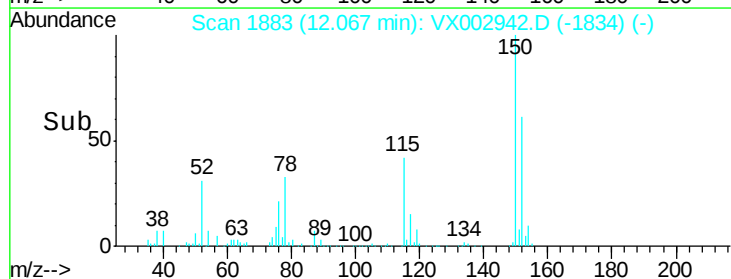
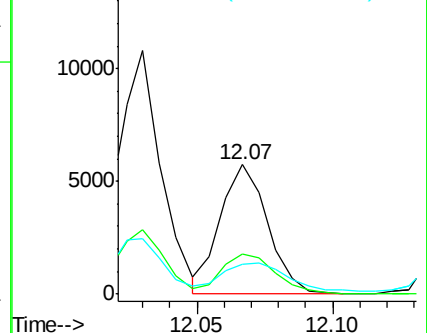
91 29.1 11.9 35.7

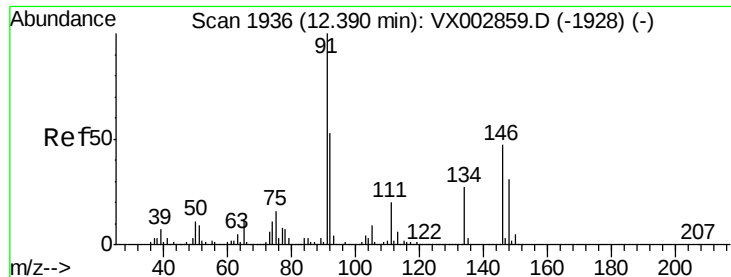


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 1.09 ug/l

RT: 12.38 min Scan# 1935

Delta R.T. -0.01 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

Instrument :

MSVOA_X

ClientSampled :

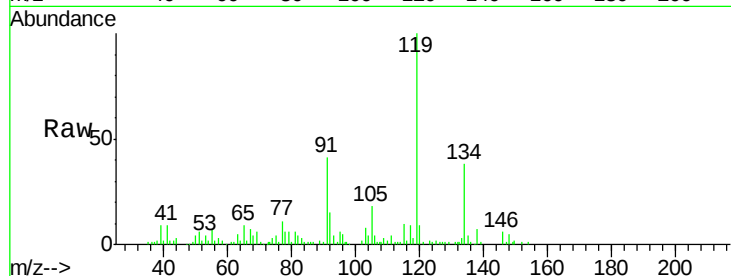
Tot Ion: 91 Resp: 12584

Ion Ratio Lower Upper

91 100

92 35.2 26.0 78.0

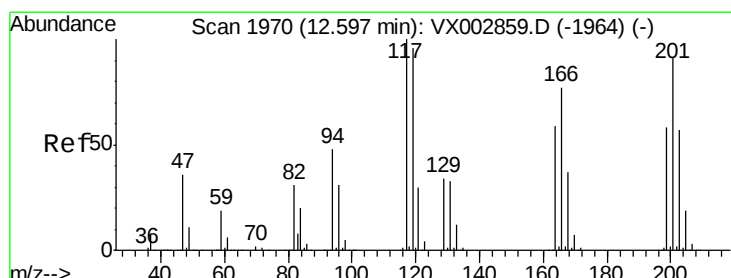
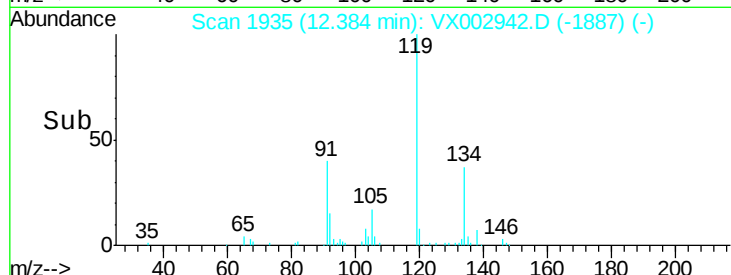
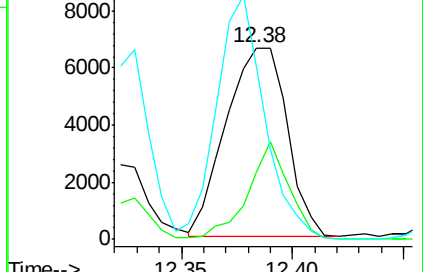
134 101.6 13.5 40.5#



Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1928) (-)

Ion 92.00 (91.70 to 92.70): VX002859.D (-1928) (-)

Ion 134.00 (133.70 to 134.70): VX002859.D (-1928) (-)



#90

Hexachloroethane

Concen: 0.61 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX002942.D

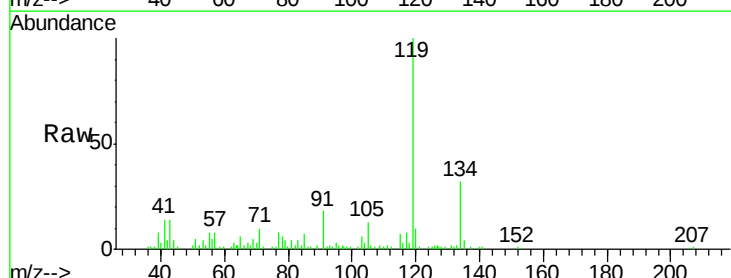
Acq: 27 Jun 2018 17:50

Tgt Ion: 117 Resp: 1205

Ion Ratio Lower Upper

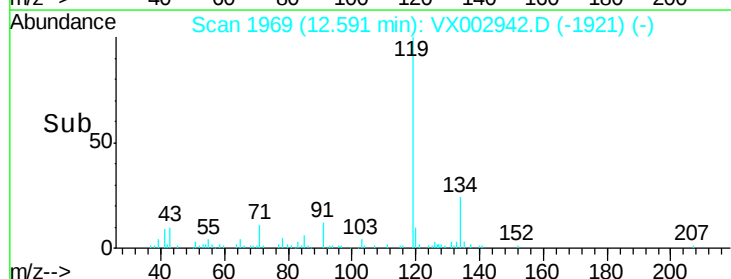
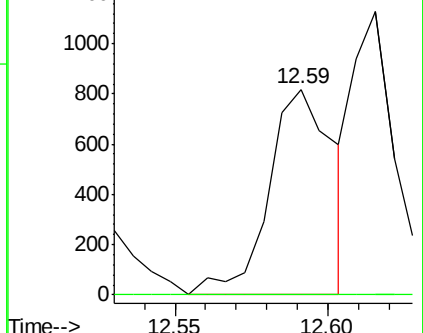
117 100

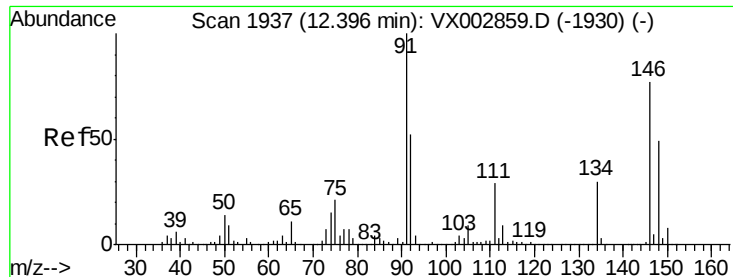
201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): VX002859.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX002859.D (-1964) (-)





#91

1,2-Dichlorobenzene

Concen: 0.43 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

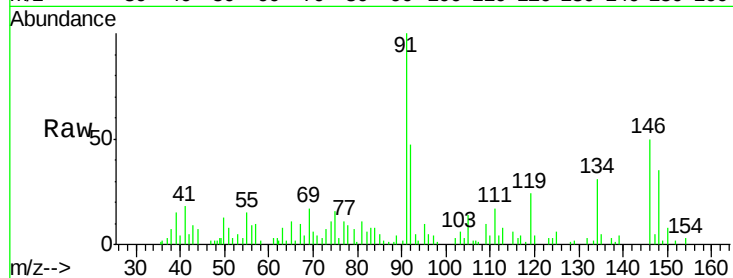
Tot Ion:146 Resp: 3336

Ion Ratio Lower Upper

146 100

111 46.6 19.4 58.1

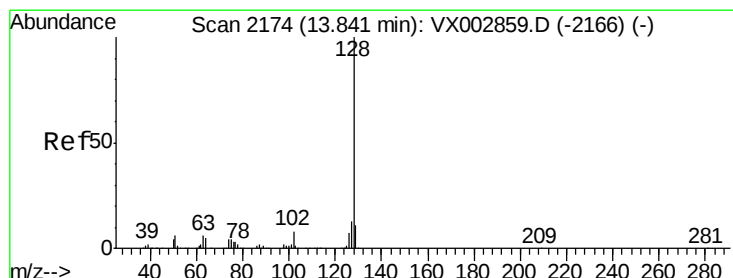
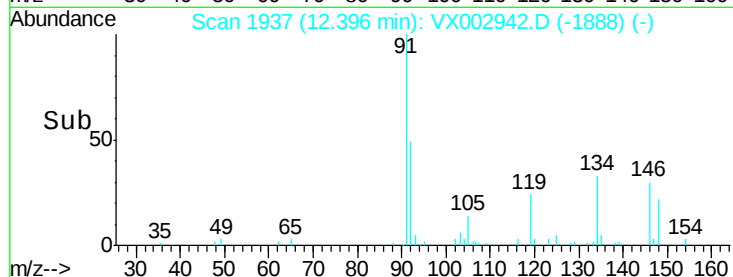
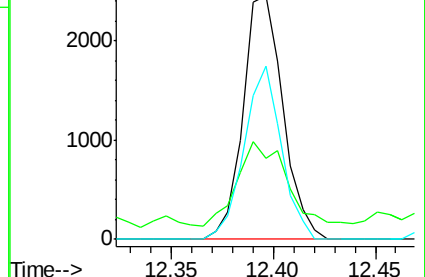
148 66.1 31.7 95.1



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



#95

Naphthalene

Concen: 1.17 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002942.D

Acq: 27 Jun 2018 17:50

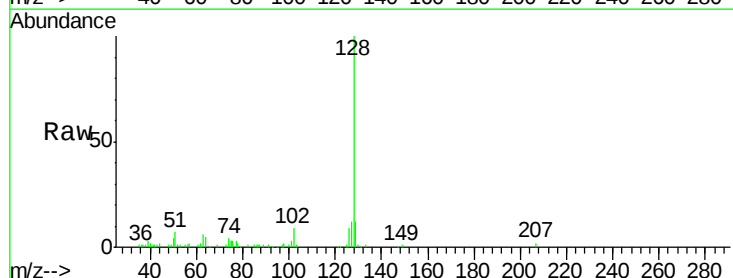
Tgt Ion:128 Resp: 17430

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 12.6 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

