

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\
 Data File : VX006837.D
 Acq On : 27 Dec 2018 12:56
 Operator : JC/MD
 Sample : J6575-01DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 03:18:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	706273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1036527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	964848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	491325	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	350431	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
35) Dibromofluoromethane	5.50	113	305034	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
50) Toluene-d8	8.71	98	1224615	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	459366	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	2644	Below Cal	#	68
11) Tert butyl alcohol	3.07	59	5210	3.067	ug/l #	72
13) Acrolein	2.29	56	1340	1.169	ug/l #	73
16) Acetone	2.45	43	928334	265.455	ug/l	100
18) Methyl Acetate	2.79	43	26239	2.552	ug/l	97
20) Methylene Chloride	2.86	84	3739	0.517	ug/l #	77
23) Vinyl Acetate	3.93	43	36190	2.277	ug/l #	71
25) 2-Butanone	4.70	43	98629	20.050	ug/l	99
28) Bromochloromethane	5.01	49	174	Below Cal	#	53
29) Tetrahydrofuran	5.15	42	664	0.205	ug/l #	53
31) Cyclohexane	5.65	56	12589	1.195	ug/l #	2
36) 1,1-Dichloropropene	5.66	75	44468	5.180	ug/l #	49
37) Ethyl Acetate	4.87	43	9514	1.065	ug/l #	85
38) Carbon Tetrachloride	5.67	117	62928	7.543	ug/l #	13
40) Benzene	6.14	78	5689	0.218	ug/l	99
49) 1,4-Dioxane	7.76	88	185	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.65	43	9684	1.119	ug/l	100
52) Toluene	8.78	92	5605	0.332	ug/l	100
59) 2-Hexanone	9.49	43	651231	98.395	ug/l	99
60) Dibromochloromethane	9.34	129	4878	2.969	ug/l #	11
64) Tetrachloroethene	9.34	164	5111	0.669	ug/l	94
67) Ethyl Benzene	10.26	91	12469	0.374	ug/l	91
68) m/p-Xylenes	10.36	106	19646	1.493	ug/l	99
69) o-Xylene	10.70	106	8136	0.626	ug/l	100
74) N-amyl acetate	10.82	43	1693901	140.791	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.27	83	2018	0.202	ug/l #	27
76) 1,2,3-Trichloropropane	11.13	75	222679	24.387	ug/l #	40
78) n-propylbenzene	11.36	91	10706	0.289	ug/l	98
79) 2-Chlorotoluene	11.43	91	4714	0.210	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.51	105	12791	0.462	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	222679	72.168	ug/l #	10
83) tert-Butylbenzene	12.02	119	7976	0.288	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	49462	1.699	ug/l	100
86) p-Isopropyltoluene	12.07	119	7055	0.236	ug/l #	81

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 28 03:18:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

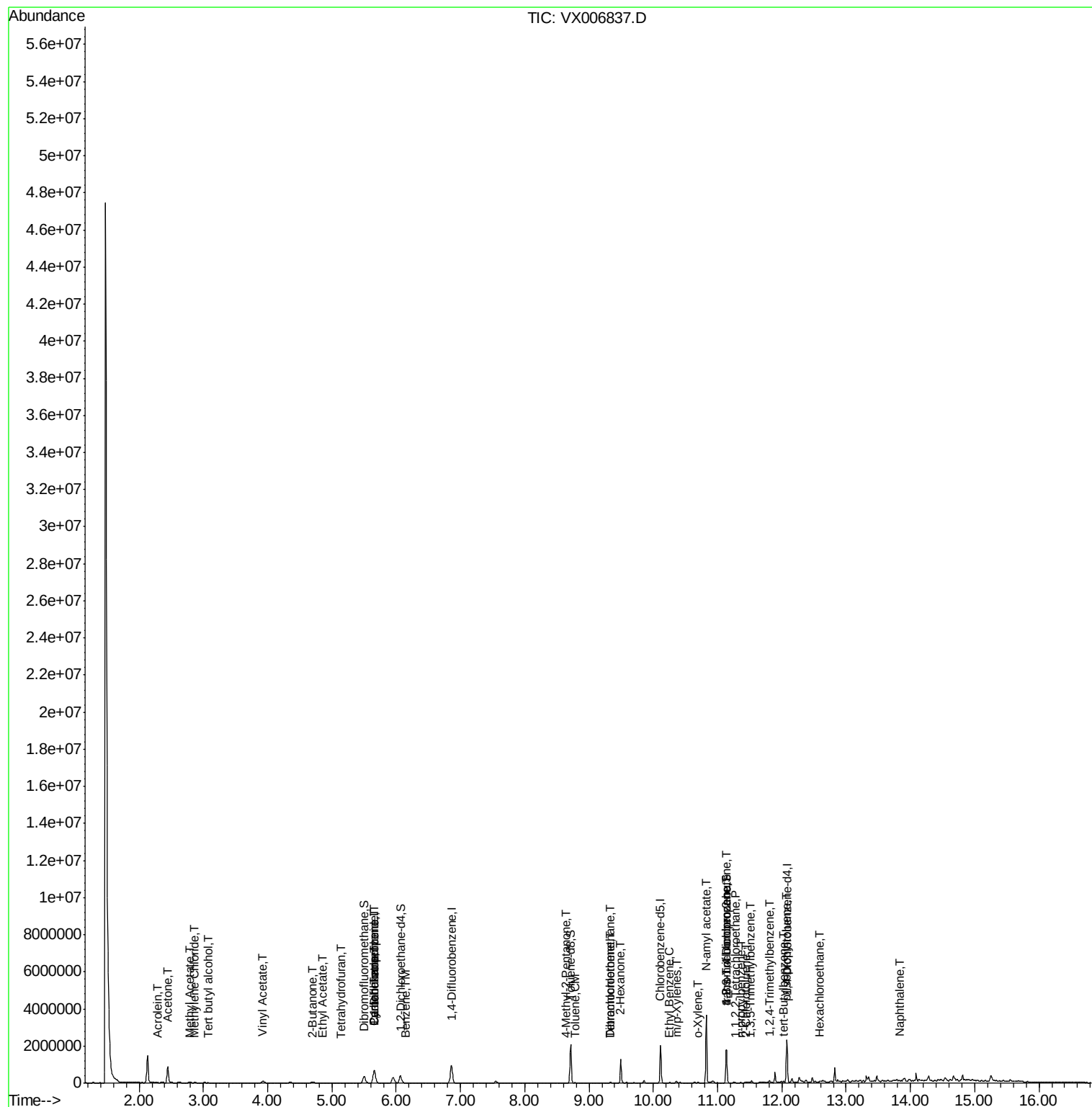
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.59	117	2086	3.710	ug/l #	9
95) Naphthalene	13.83	128	18659	0.517	ug/l #	94

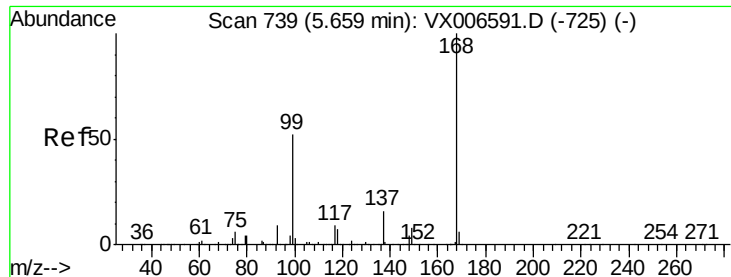
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

Instrument :

MSVOA_X

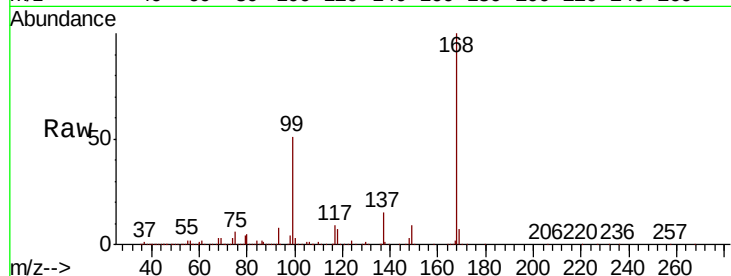
ClientSampleId :

Tot Ion:168 Resp: 706273

Ion Ratio Lower Upper

168 100

99 50.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006837.D (-690) (-)

Ion 98.90 (98.60 to 99.60): VX006837.D (-690) (-)

5.66

250000

200000

150000

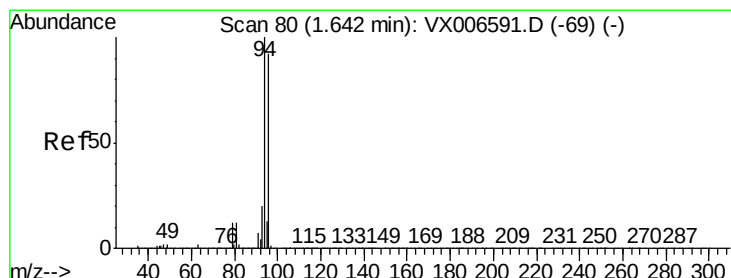
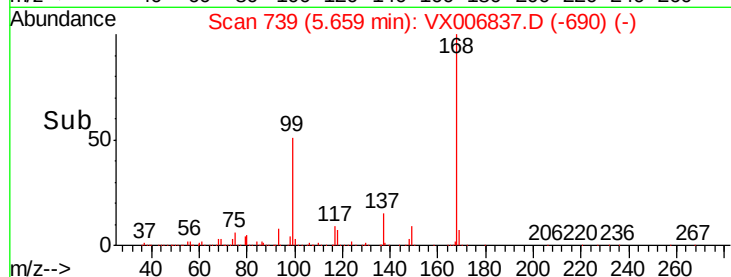
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006837.D

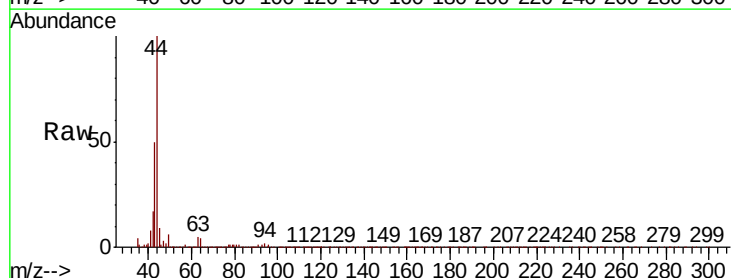
Acq: 27 Dec 2018 12:56

Tgt Ion: 94 Resp: 2644

Ion Ratio Lower Upper

94 100

96 61.3 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX006837.D (-31) (-)

Ion 95.90 (95.60 to 96.60): VX006837.D (-31) (-)

1.64

2000

1500

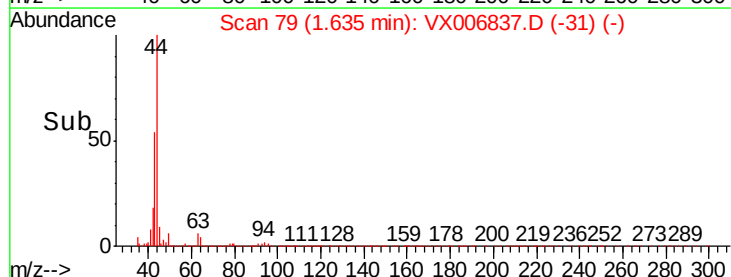
1000

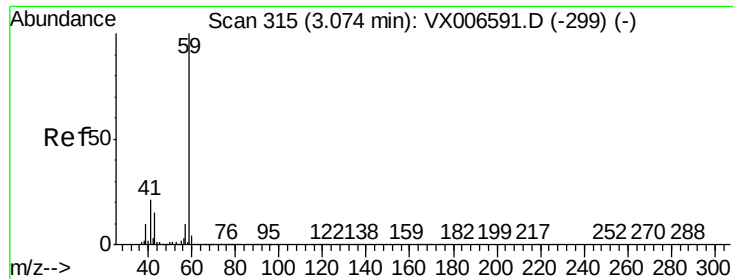
500

0

Time-->

1.60 1.65 1.70



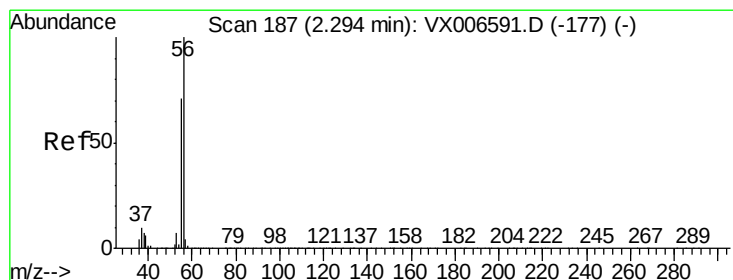
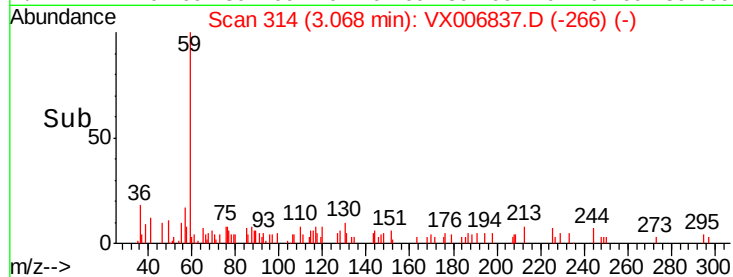
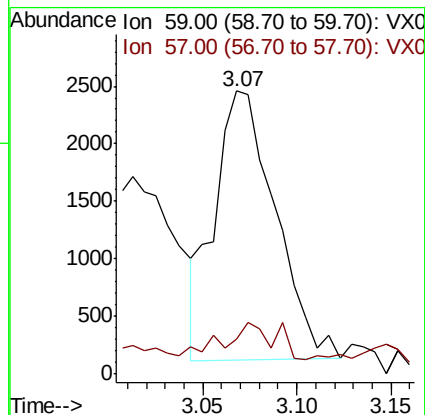
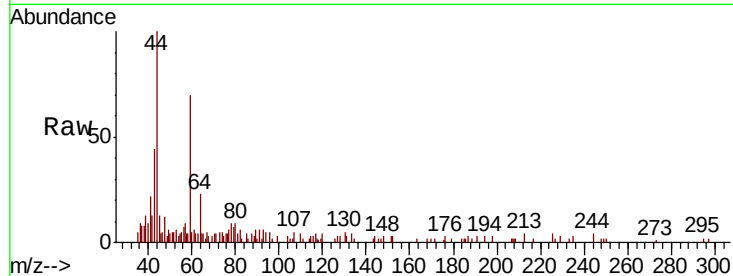


#11

Tert butyl alcohol
Concen: 3.067 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

Instrument :
MSVOA_X
ClientSampled :

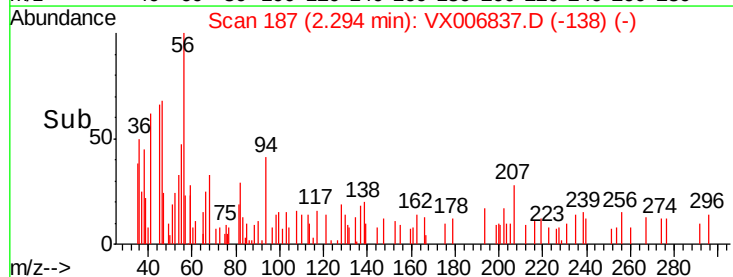
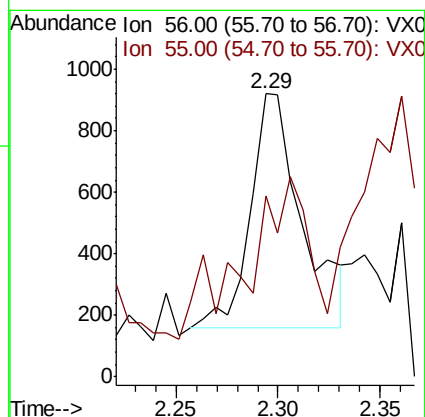
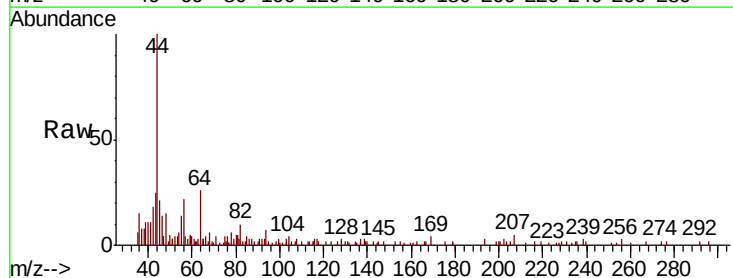
Tot Ion: 59 Resp: 5210
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

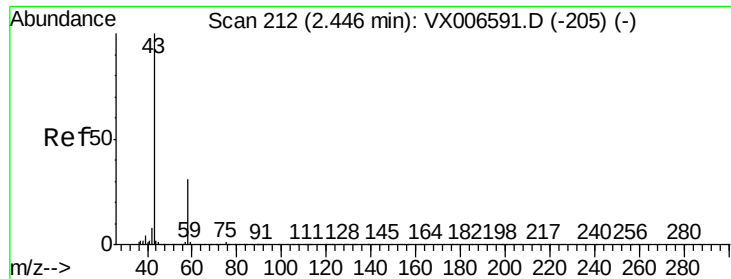


#13

Acrolein
Concen: 1.169 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

Tgt Ion: 56 Resp: 1340
Ion Ratio Lower Upper
56 100
55 50.3 58.2 87.4#

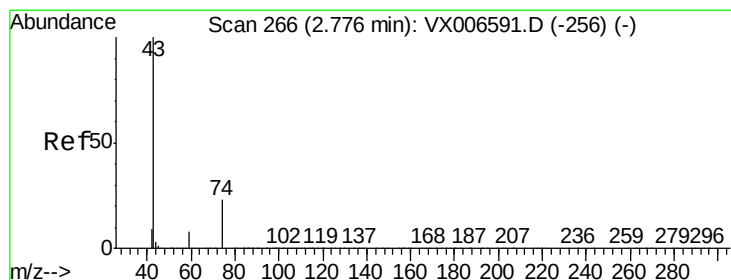
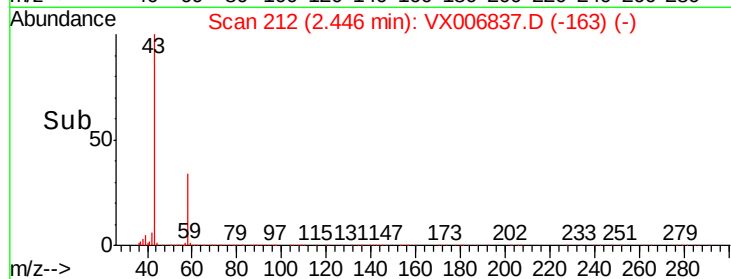
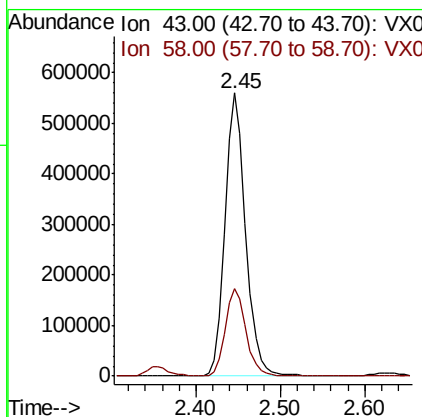
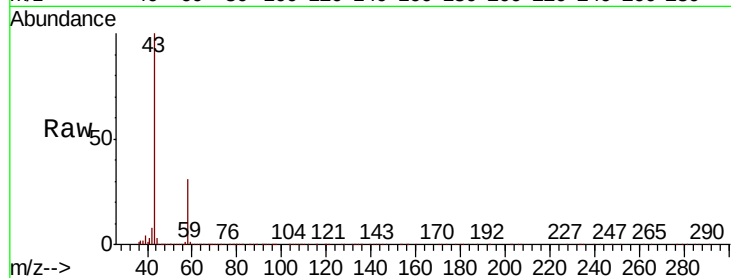




#16
Acetone
Concen: 265.455 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

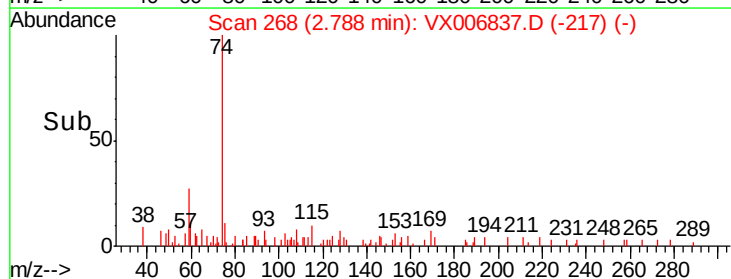
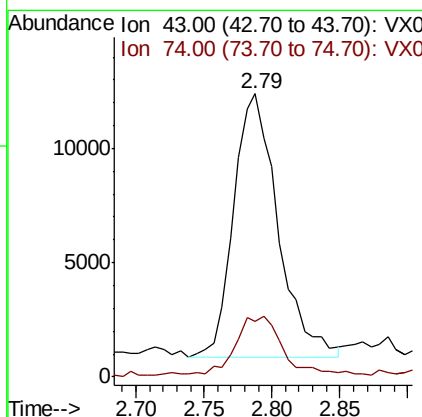
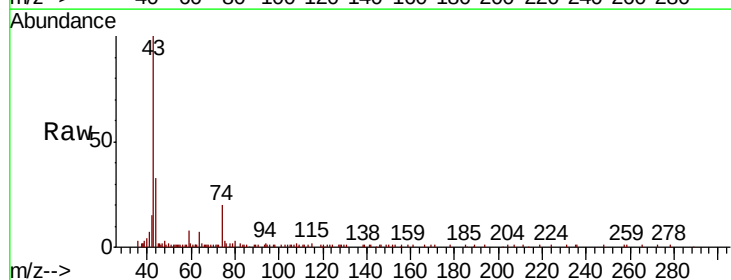
Instrument :
MSVOA_X
ClientSampleId :

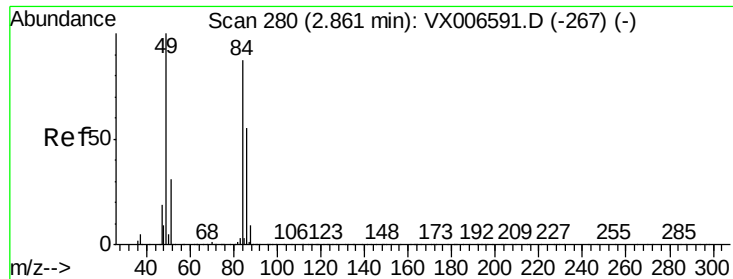
Tot Ion: 43 Resp: 928334
Ion Ratio Lower Upper
43 100
58 31.0 25.0 37.6



#18
Methyl Acetate
Concen: 2.552 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

Tgt Ion: 43 Resp: 26239
Ion Ratio Lower Upper
43 100
74 24.6 18.6 28.0

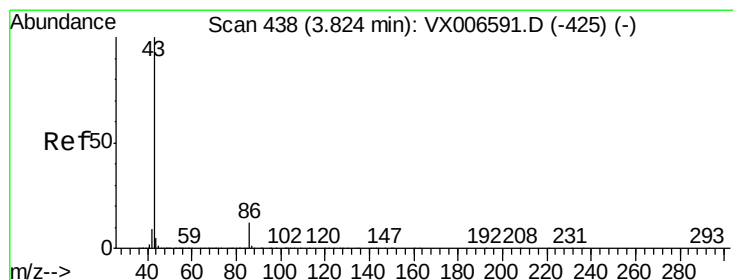
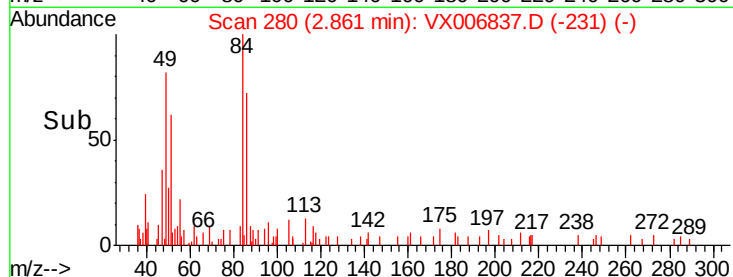
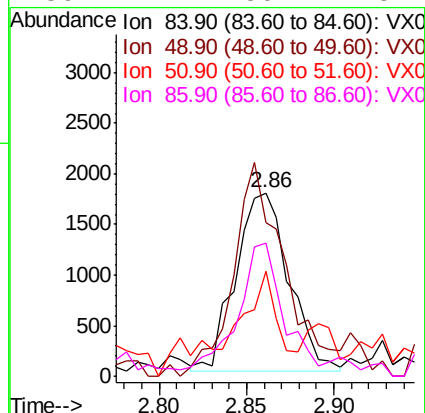
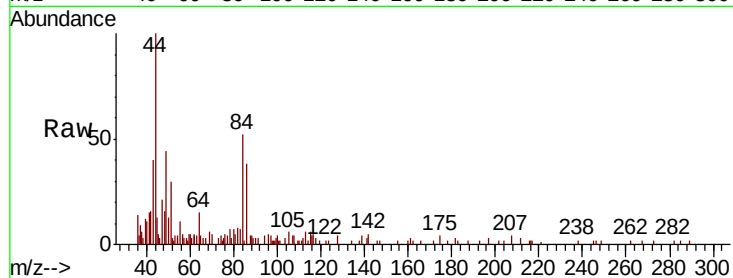




#20
Methvlene Chloride
Concen: 0.517 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

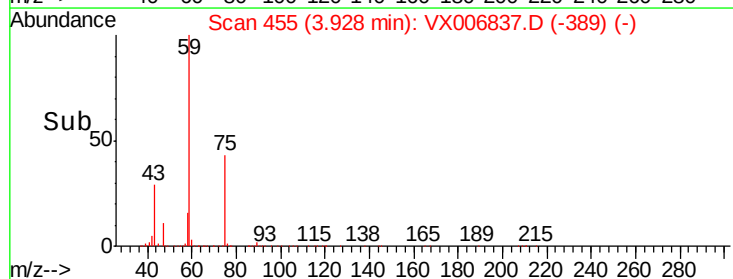
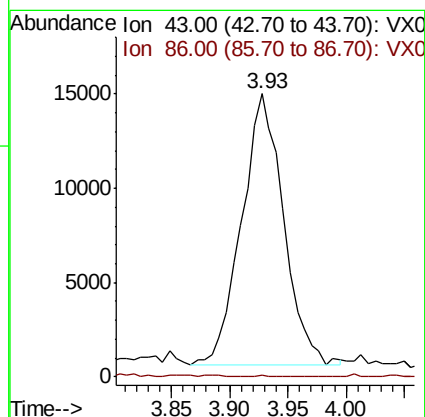
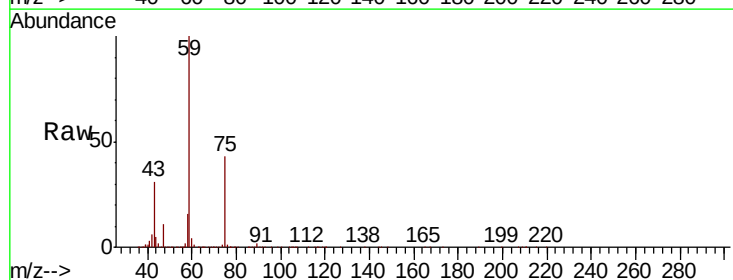
Instrument :
MSVOA_X
ClientSampleId :

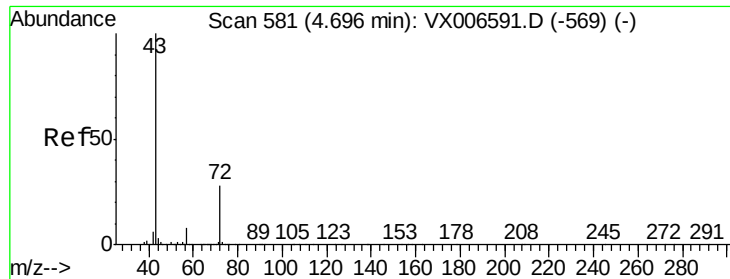
Tot Ion: 84 Resp: 3739
Ion Ratio Lower Upper
84 100
49 82.7 91.8 137.6#
51 50.1 28.5 42.7#
86 71.4 50.2 75.2



#23
Vinyl Acetate
Concen: 2.277 ug/l
RT: 3.93 min Scan# 455
Delta R.T. 0.10 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

Tgt Ion: 43 Resp: 36190
Ion Ratio Lower Upper
43 100
86 0.5 9.2 13.8#





#25

2-Butanone

Concen: 20.050 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

Instrument :

MSVOA_X

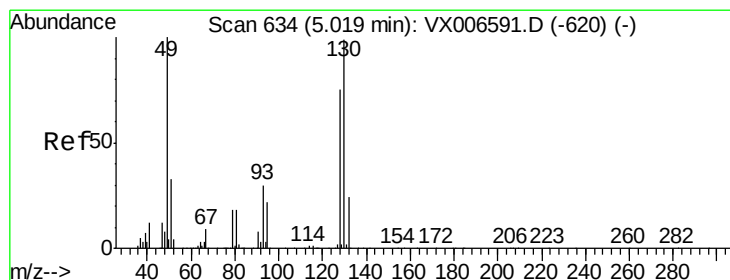
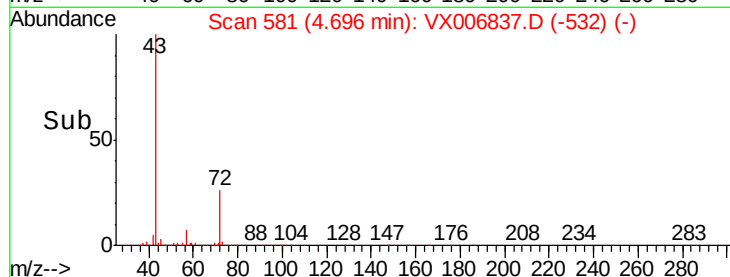
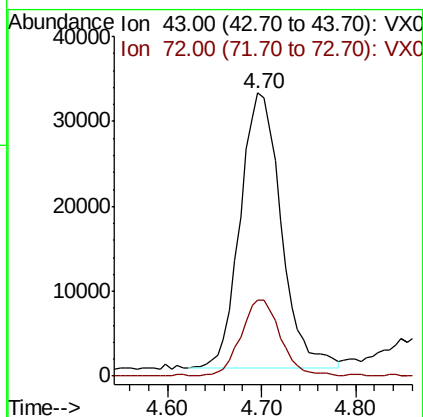
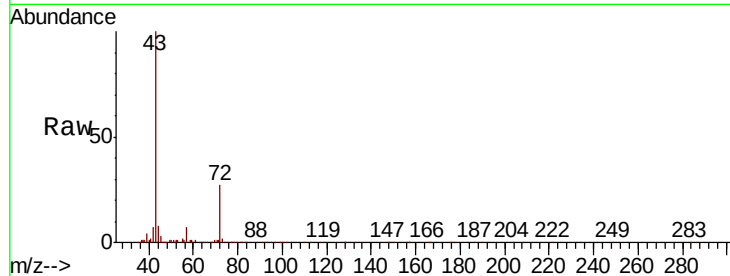
ClientSampleId :

Tot Ion: 43 Resp: 98629

Ion Ratio Lower Upper

43 100

72 27.5 22.4 33.6



#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

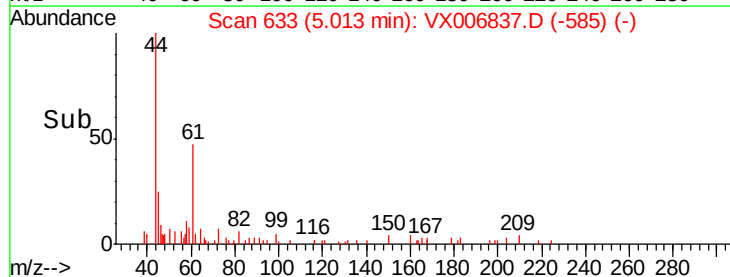
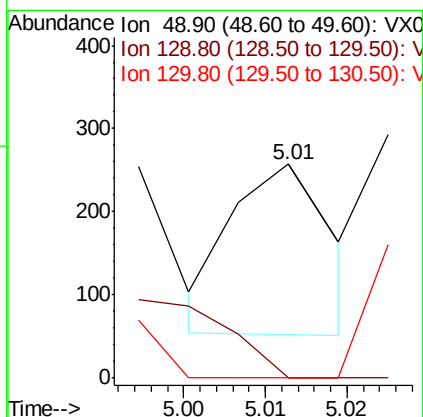
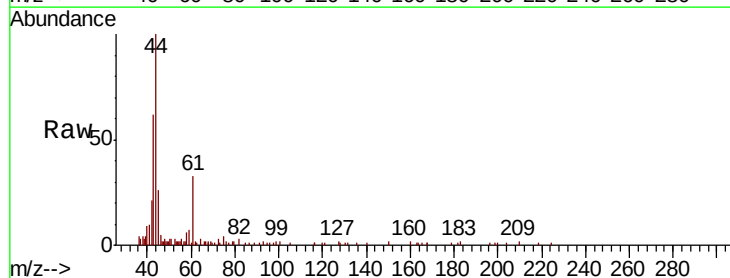
Tgt Ion: 49 Resp: 174

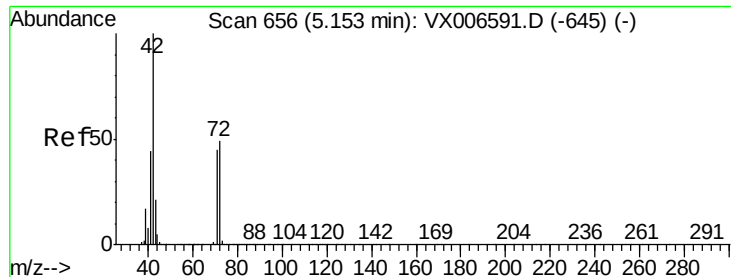
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.4

130 49.4 77.7 116.5#

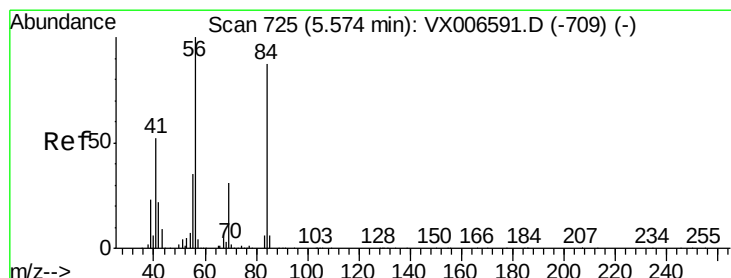
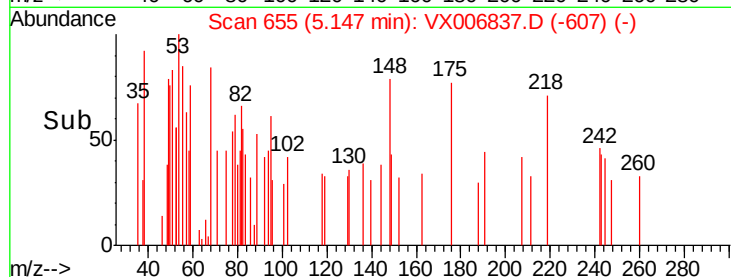
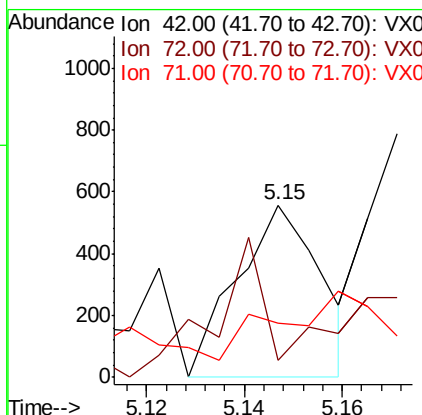
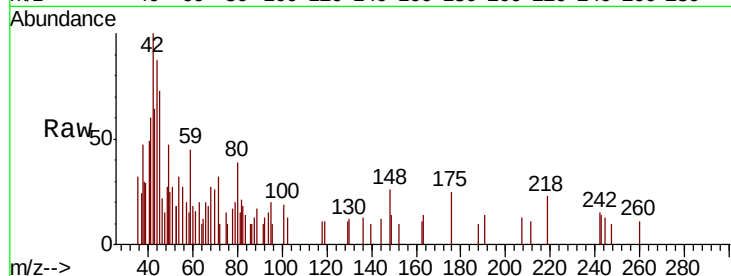




#29
Tetrahydrofuran
Concen: 0.205 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

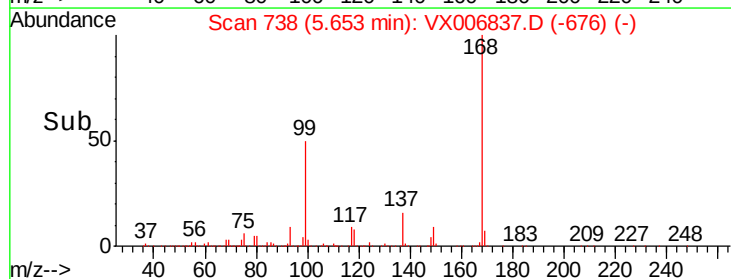
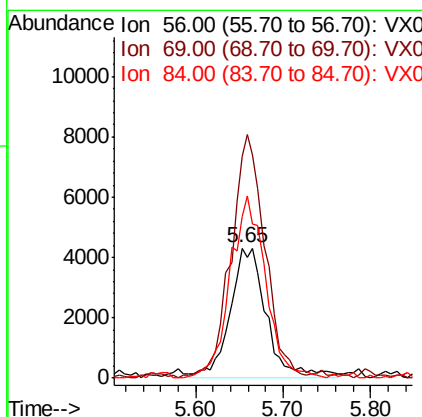
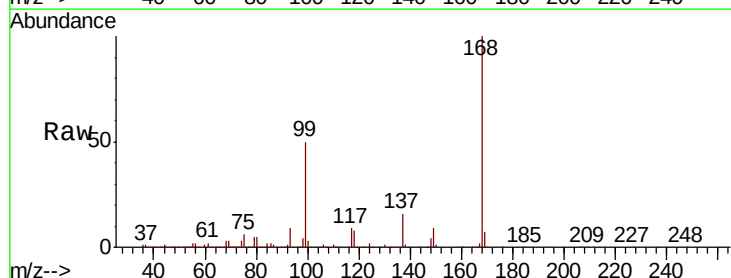
Instrument :
MSVOA_X
ClientSampleId :

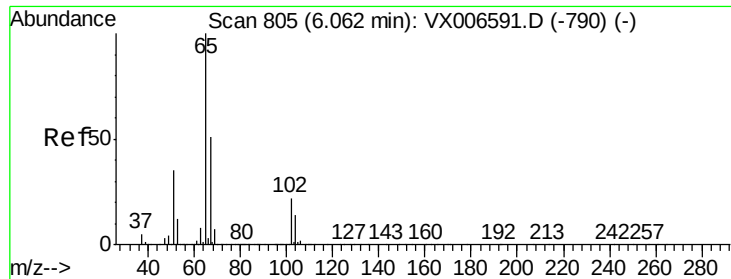
Tot Ion: 42 Resp: 664
Ion Ratio Lower Upper
42 100
72 66.0 38.9 58.3#
71 0.0 36.2 54.4#



#31
Cyclohexane
Concen: 1.195 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

Tgt Ion: 56 Resp: 12589
Ion Ratio Lower Upper
56 100
69 173.4 24.4 36.6#
84 126.0 70.0 105.0#

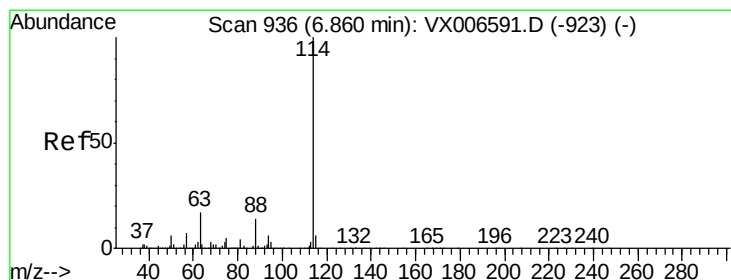
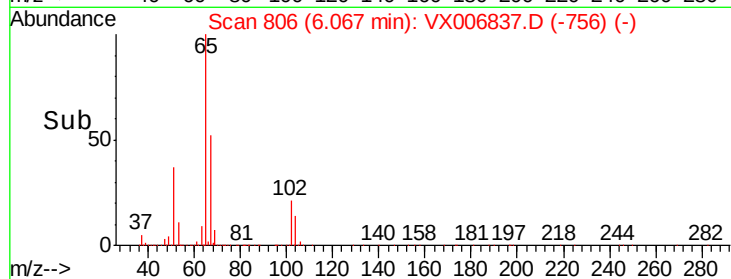
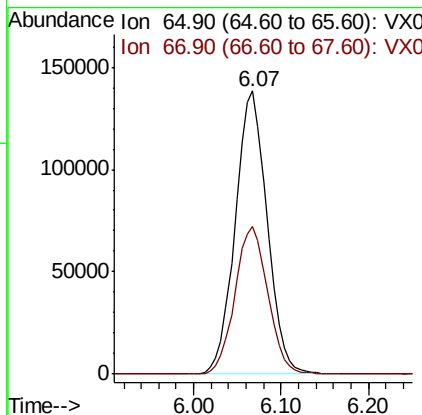
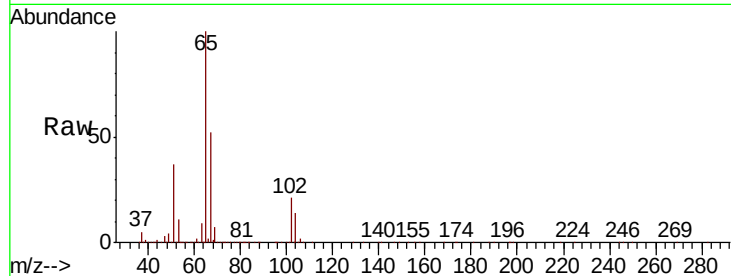




#33
 1,2-Dichloroethane-d4
 Concen: 46.037 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006837.D
 Acq: 27 Dec 2018 12:56

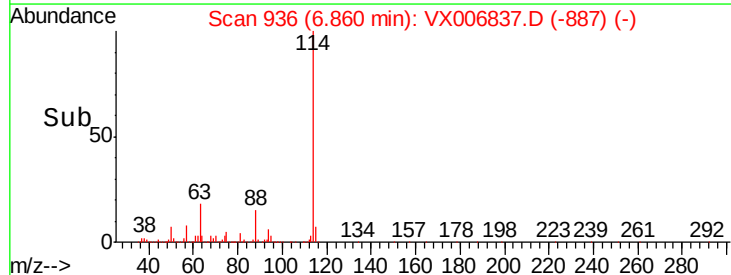
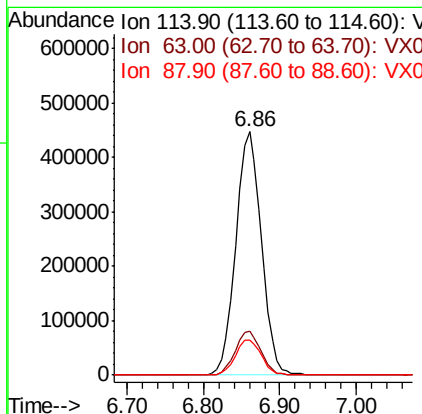
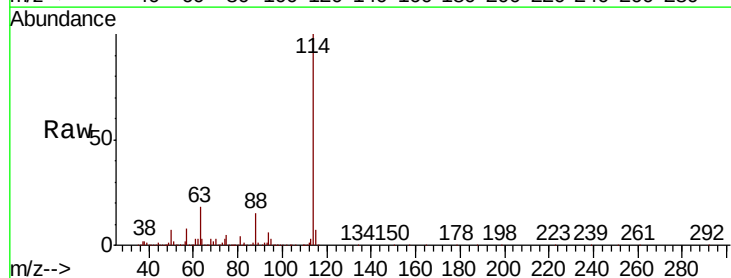
Instrument :
 MSVOA_X
 ClientSampled :

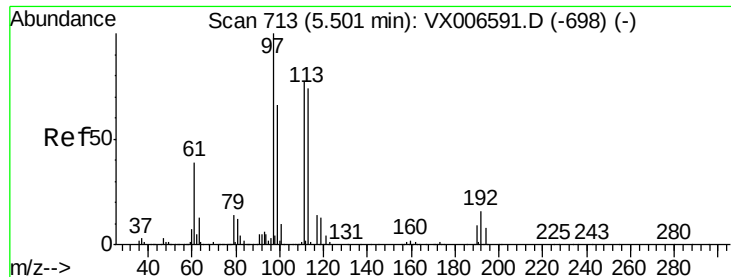
Tot Ion: 65 Resp: 350431
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006837.D
 Acq: 27 Dec 2018 12:56

Tgt Ion: 114 Resp: 1036527
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.8
 88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.536 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

Instrument :
MSVOA_X
ClientSampled :

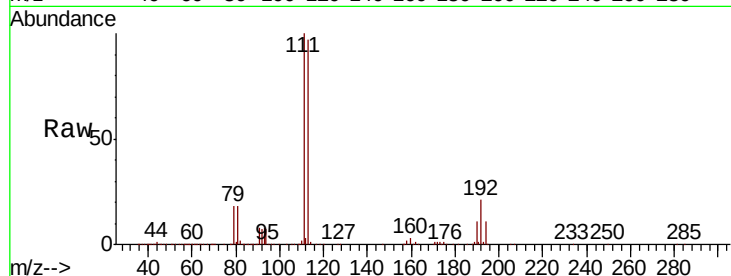
Tot Ion:113 Resp: 305034

Ion Ratio Lower Upper

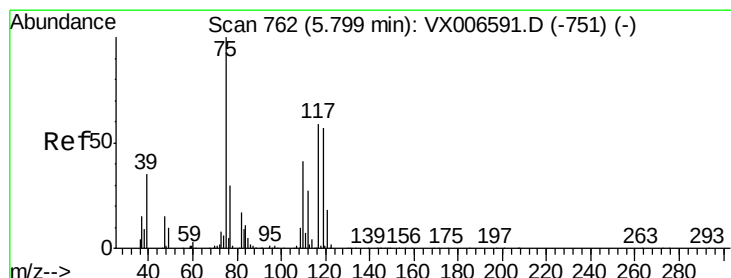
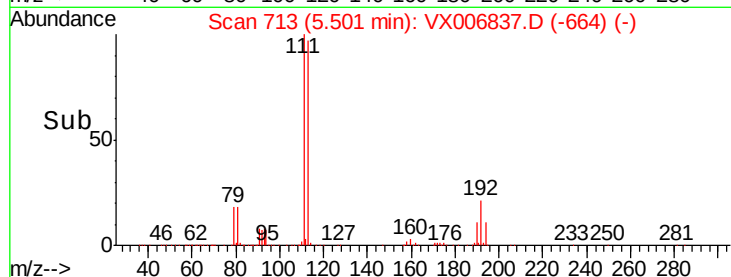
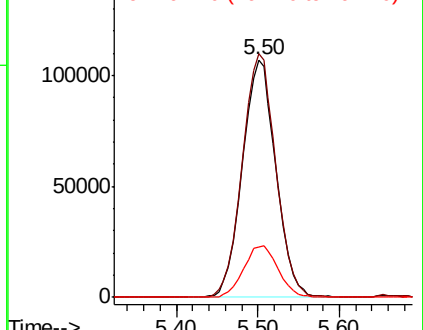
113 100

111 102.6 81.6 122.4

192 22.7 16.7 25.1



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: 5.180 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

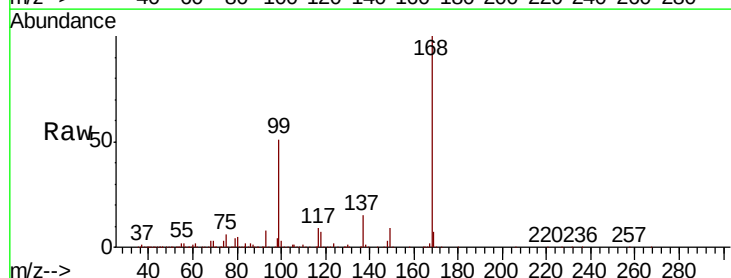
Tgt Ion: 75 Resp: 44468

Ion Ratio Lower Upper

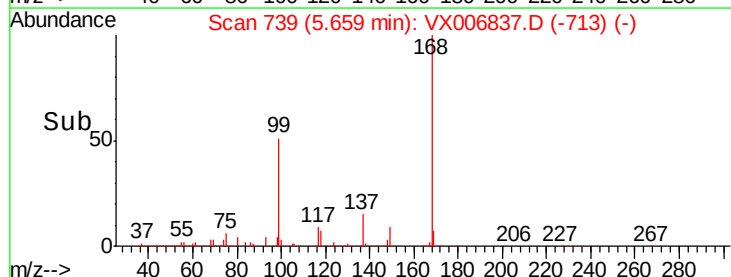
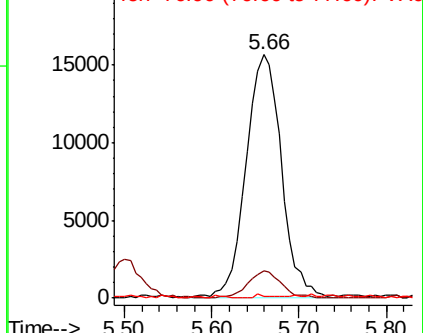
75 100

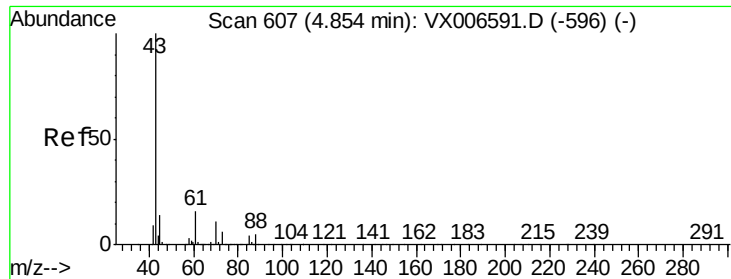
110 10.5 20.2 60.5#

77 0.6 24.8 37.2#



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

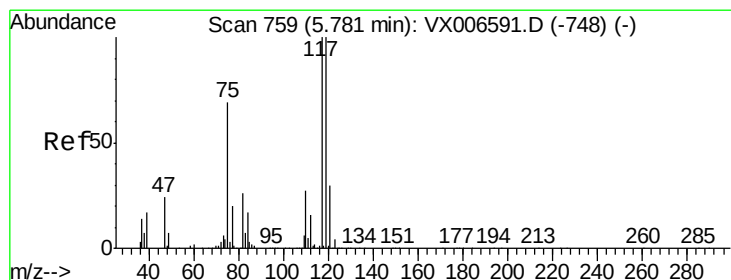
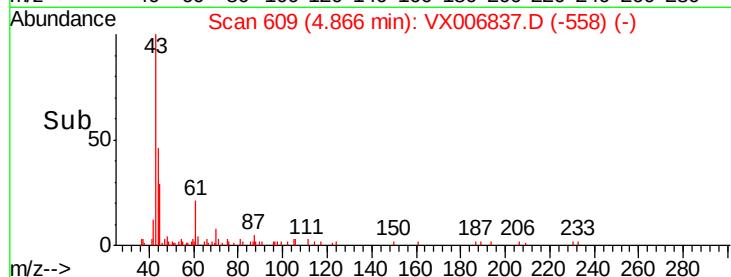
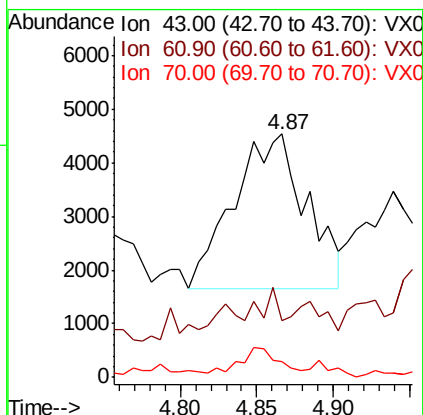
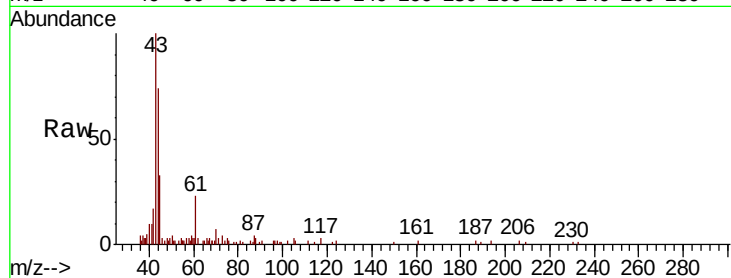




#37
Ethyl Acetate
Concen: 1.065 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

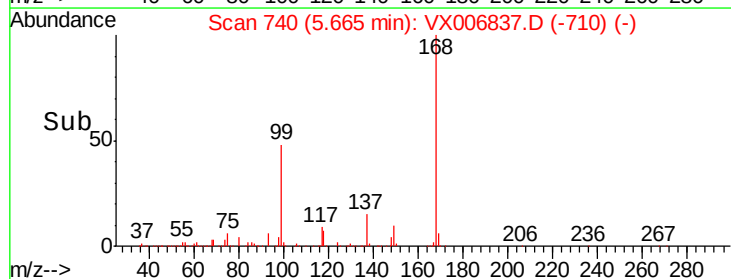
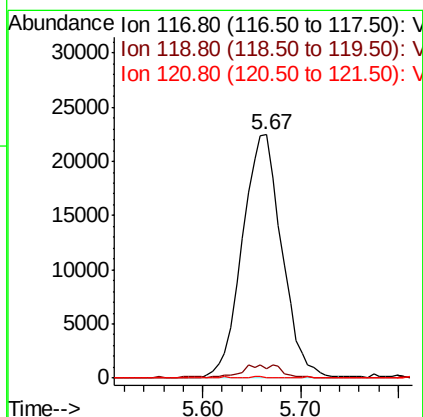
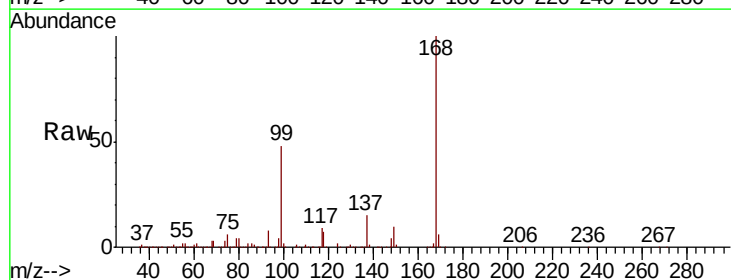
Instrument :
MSVOA_X
ClientSampleId :

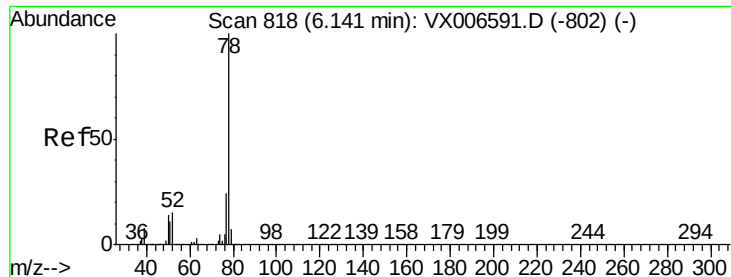
Tot Ion: 43 Resp: 9514
Ion Ratio Lower Upper
43 100
61 4.4 11.9 17.9#
70 11.1 9.7 14.5



#38
Carbon Tetrachloride
Concen: 7.543 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

Tgt Ion: 117 Resp: 62928
Ion Ratio Lower Upper
117 100
119 3.6 79.4 119.2#
121 0.0 24.0 36.0#





#40

Benzene

Concen: 0.218 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

Instrument :

MSVOA_X

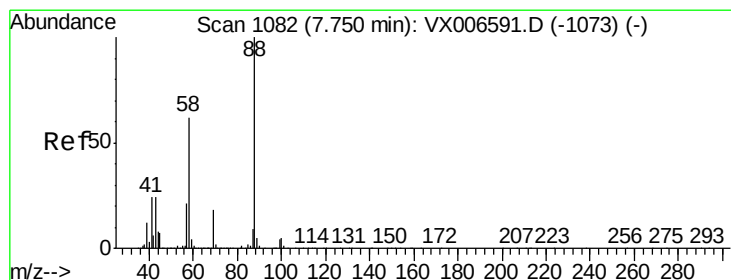
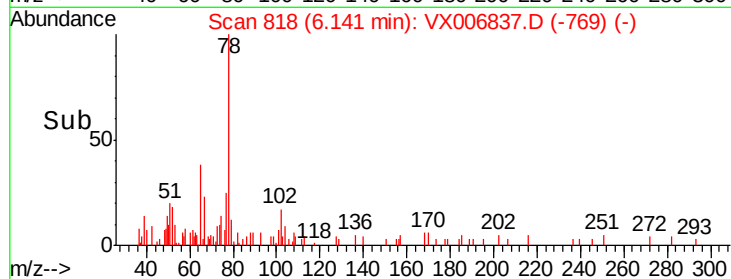
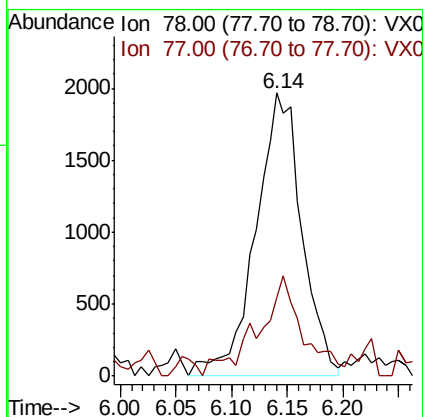
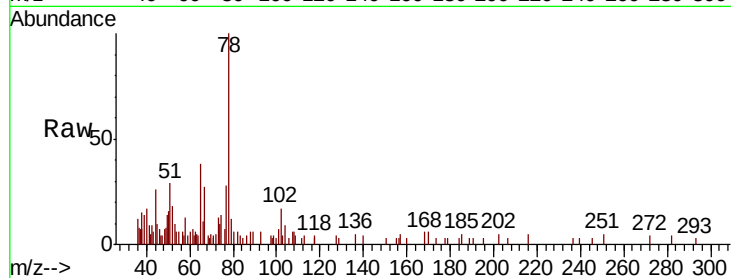
ClientSampleId :

Tot Ion: 78 Resp: 5689

Ion Ratio Lower Upper

78 100

77 23.5 19.2 28.8



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

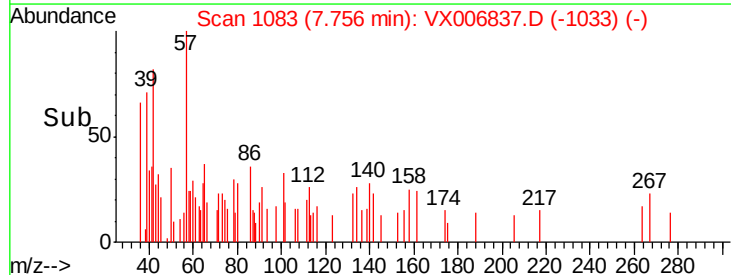
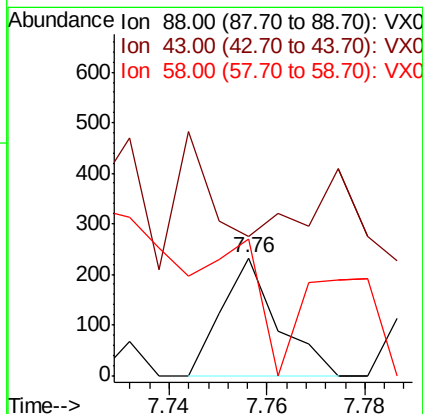
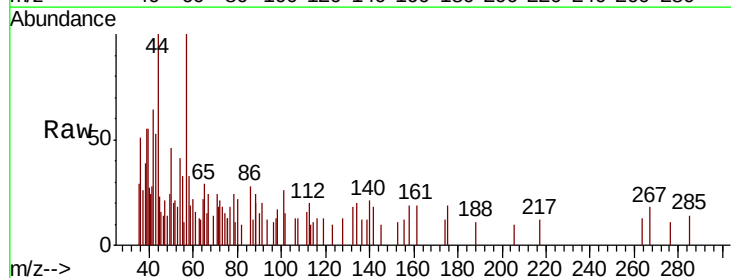
Tgt Ion: 88 Resp: 185

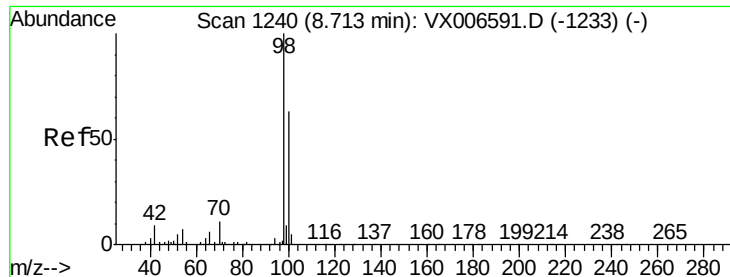
Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

58 0.0 51.0 76.4#

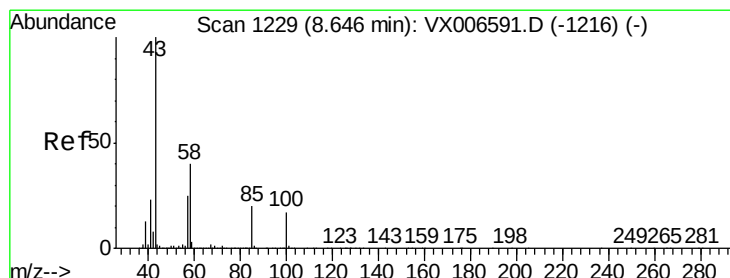
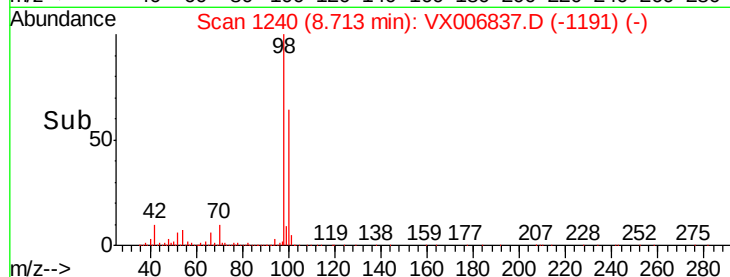
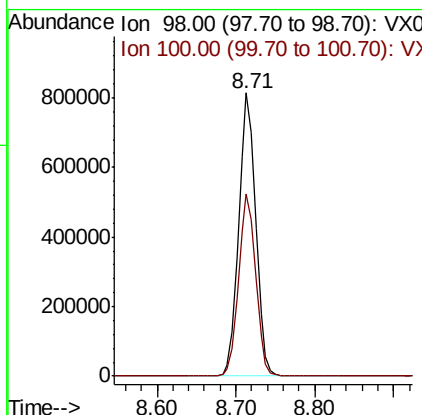
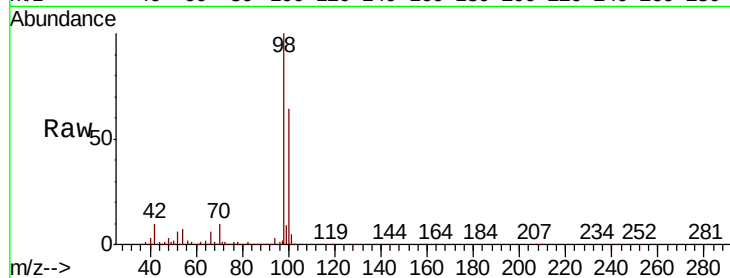




#50
Toluene-d8
Concen: 49.556 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

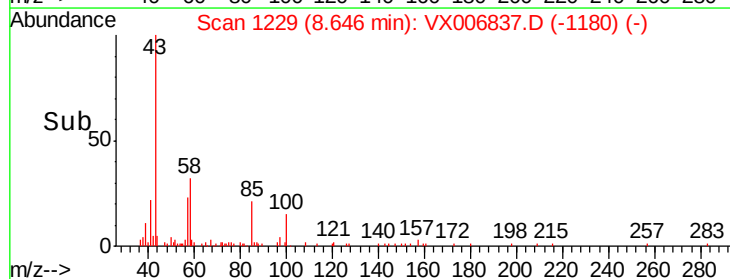
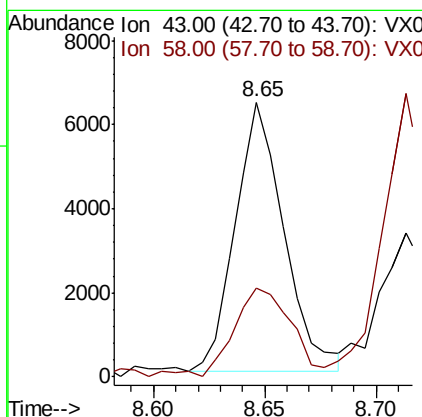
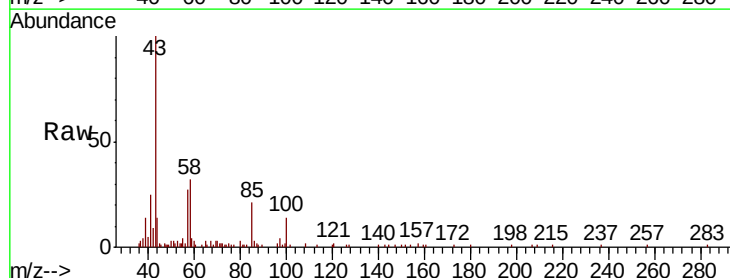
Instrument :
MSVOA_X
ClientSampleId :

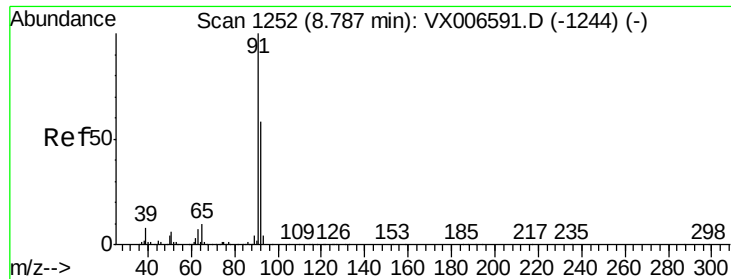
Tot Ion: 98 Resp: 1224615
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.119 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

Tgt Ion: 43 Resp: 9684
Ion Ratio Lower Upper
43 100
58 39.8 31.8 47.6





#52

Toluene

Concen: 0.332 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

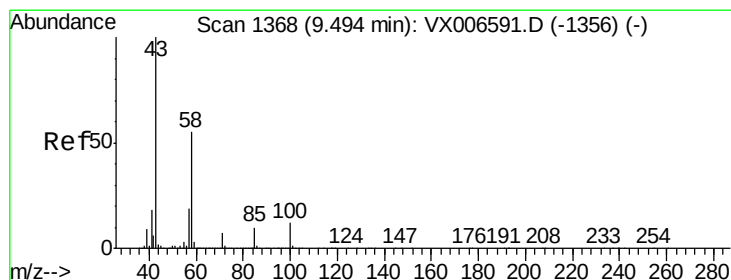
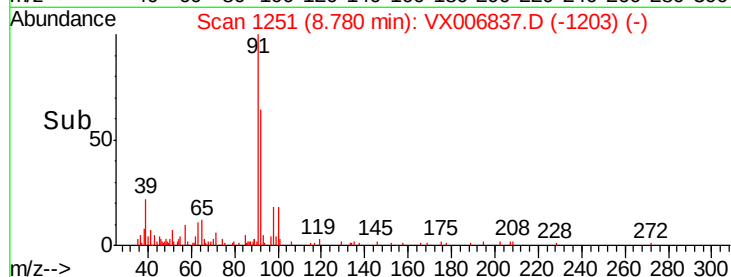
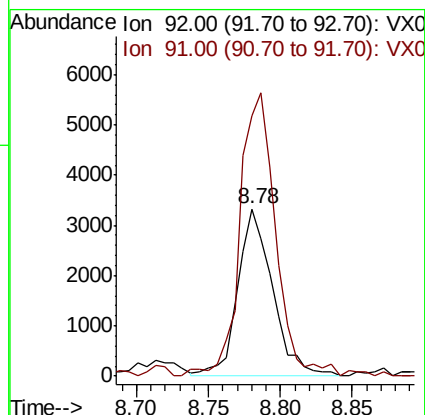
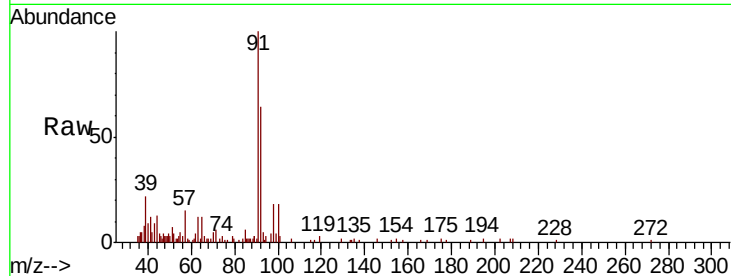
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 5605

Ion Ratio Lower Upper

92 100

91 172.1 137.6 206.4



#59

2-Hexanone

Concen: 98.395 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006837.D

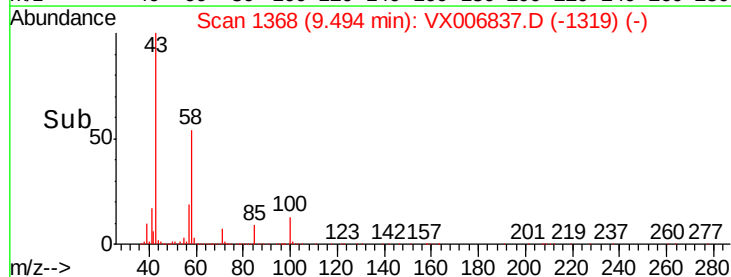
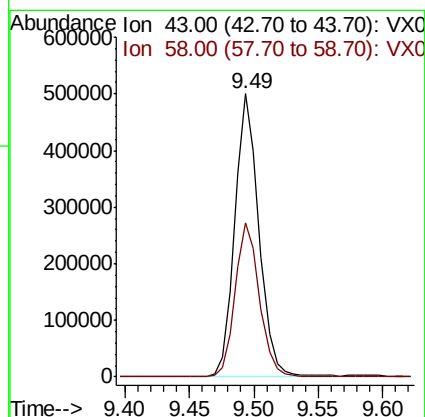
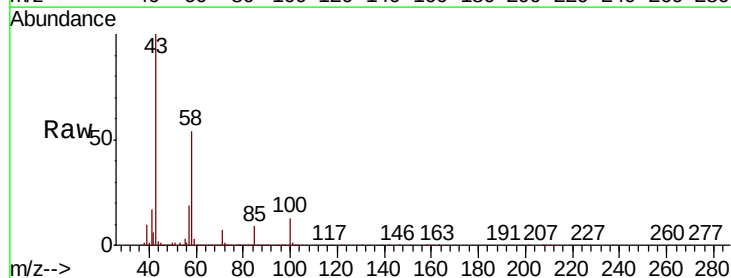
Acq: 27 Dec 2018 12:56

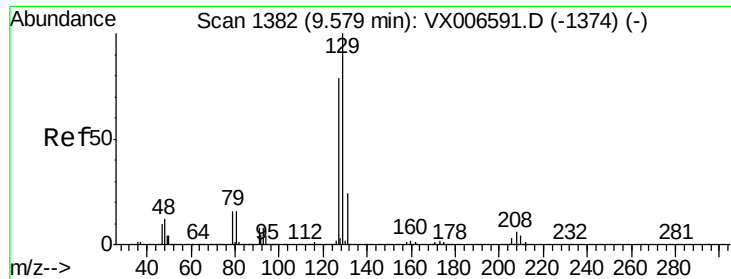
Tgt Ion: 43 Resp: 651231

Ion Ratio Lower Upper

43 100

58 54.9 27.7 83.1





#60

Dibromochloromethane

Concen: 2.969 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

Instrument :

MSVOA_X

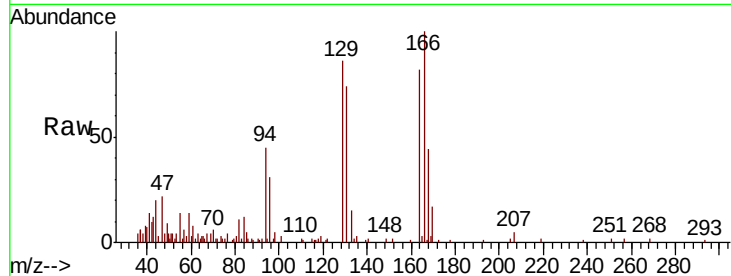
ClientSampleId :

Tot Ion:129 Resp: 4878

Ion Ratio Lower Upper

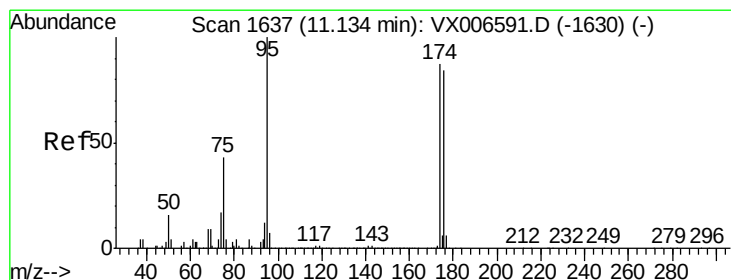
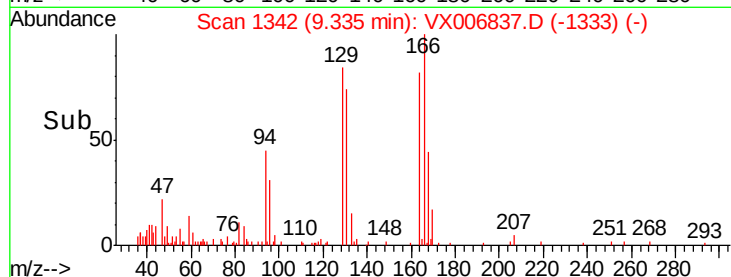
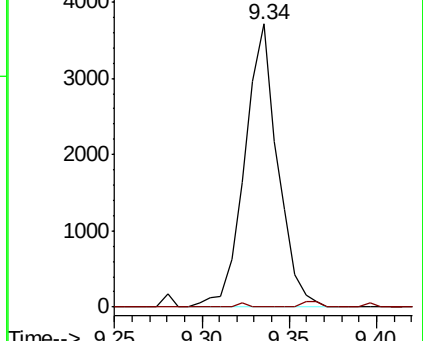
129 100

127 0.5 39.3 117.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 50.756 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

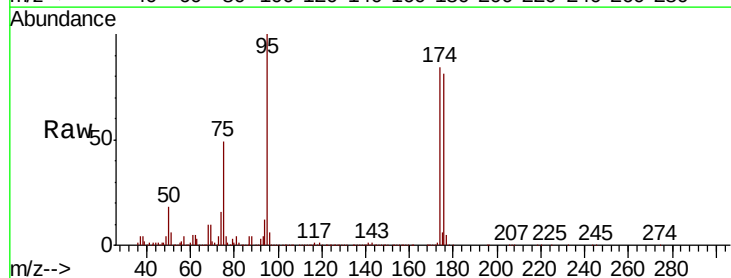
Tgt Ion: 95 Resp: 459366

Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.2

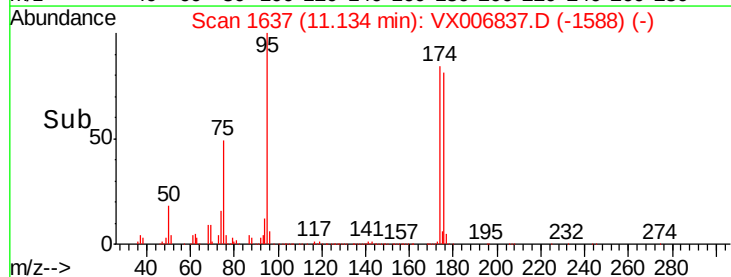
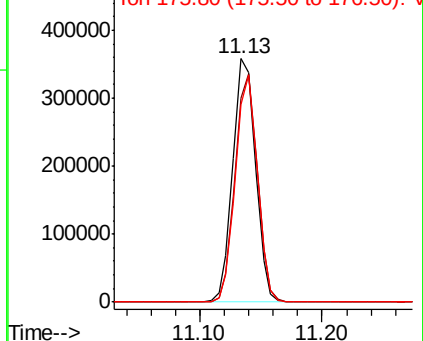
176 90.2 0.0 178.8

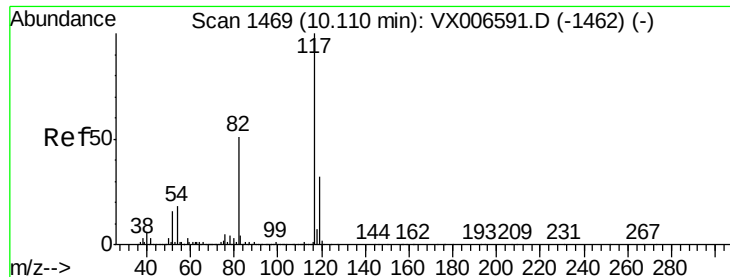


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

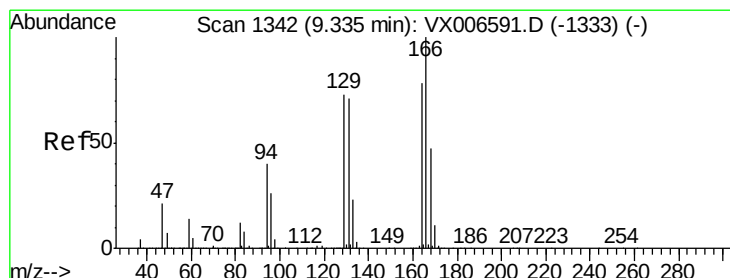
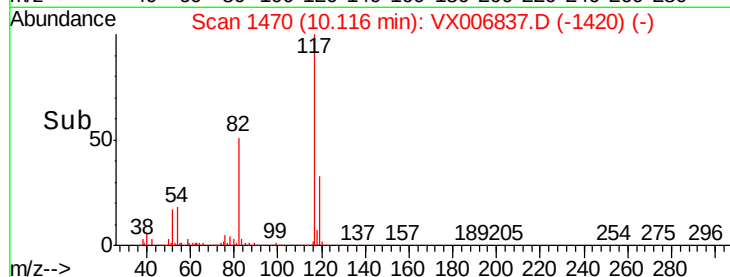
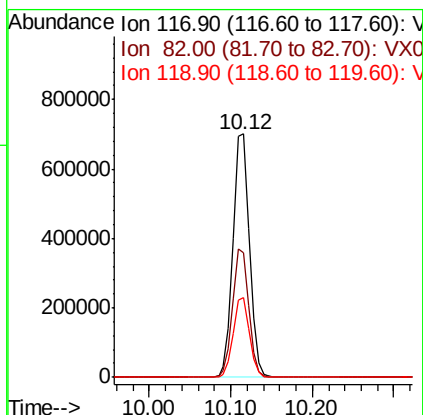
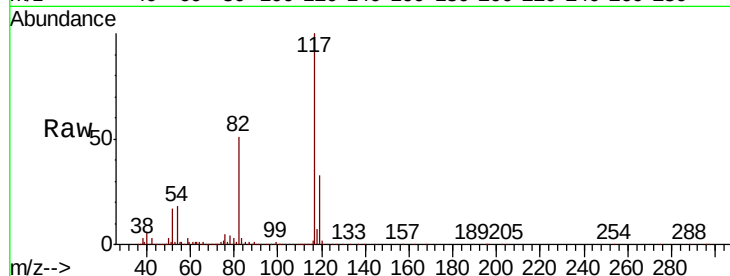




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

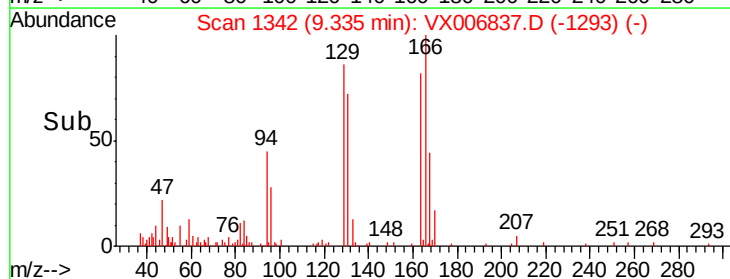
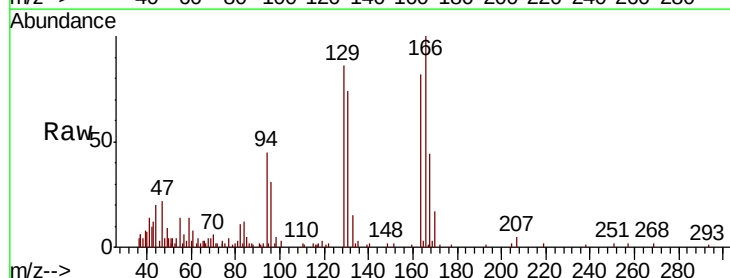
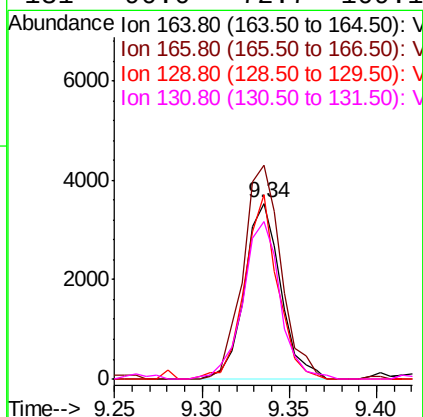
Instrument :
MSVOA_X
ClientSampled :

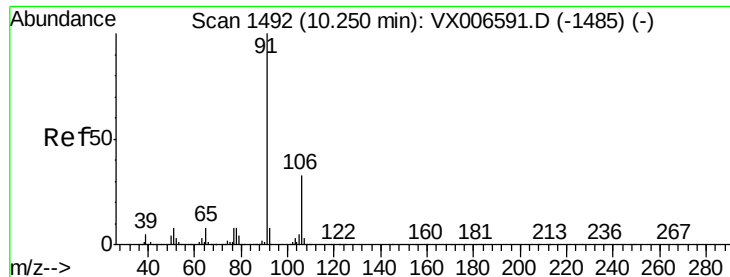
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.0	61.6
119	32.9	25.4	38.0



#64
Tetrachloroethene
Concen: 0.669 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.7	102.5	153.7
129	105.0	75.1	112.7
131	90.0	72.7	109.1





#67

Ethyl Benzene

Concen: 0.374 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

Instrument :

MSVOA_X

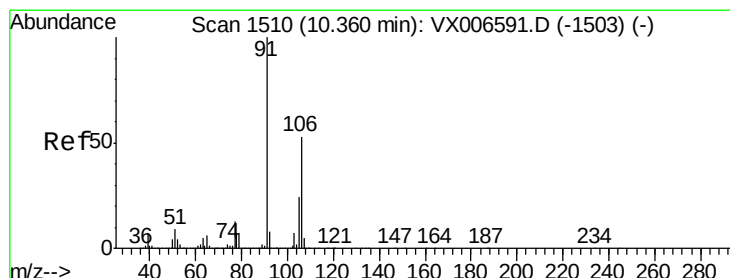
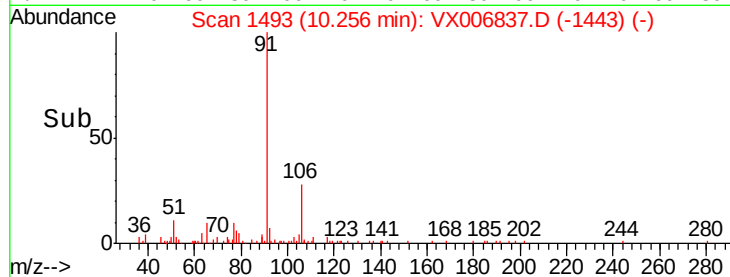
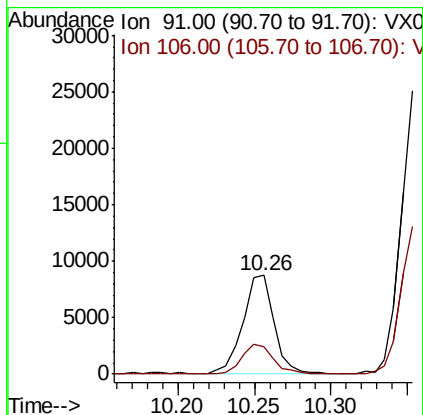
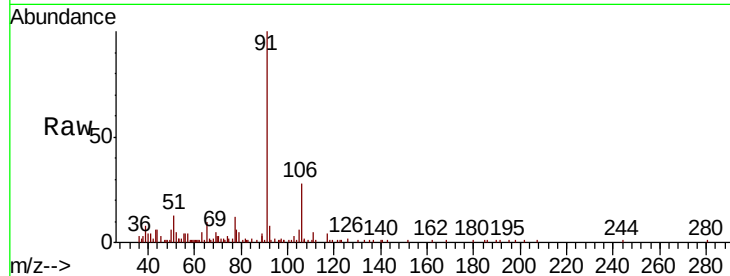
ClientSampleId :

Tot Ion: 91 Resp: 12469

Ion Ratio Lower Upper

91 100

106 28.1 26.4 39.6



#68

m/p-Xylenes

Concen: 1.493 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006837.D

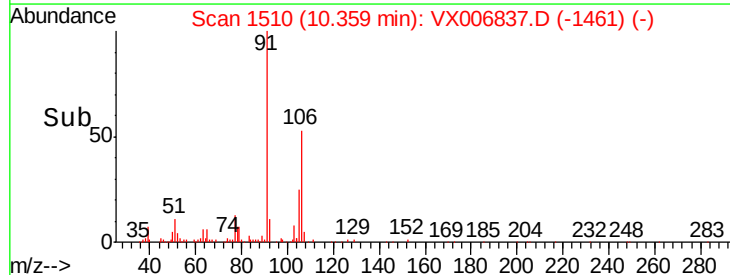
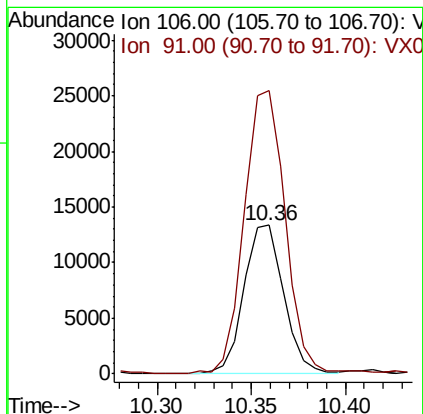
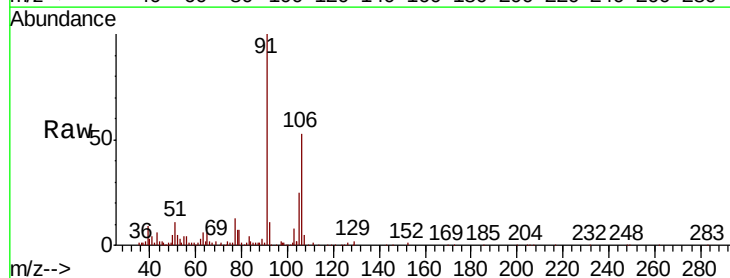
Acq: 27 Dec 2018 12:56

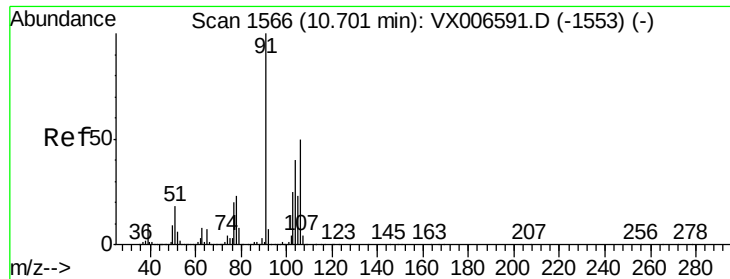
Tgt Ion: 106 Resp: 19646

Ion Ratio Lower Upper

106 100

91 196.9 155.8 233.6

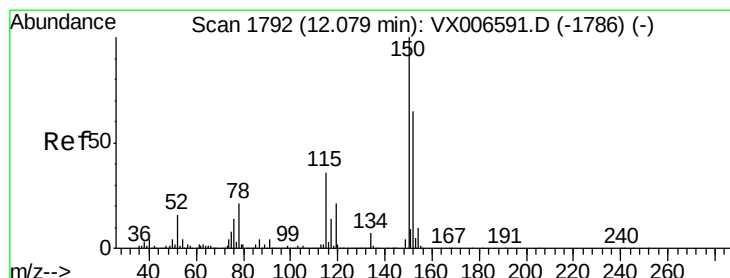
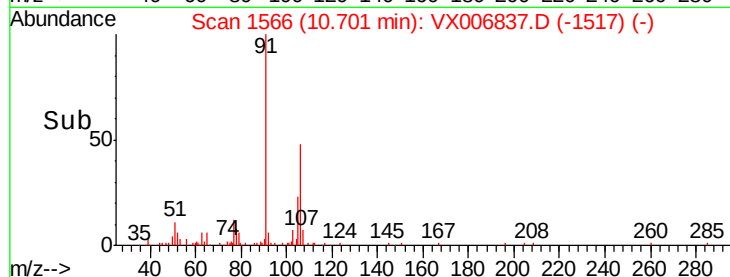
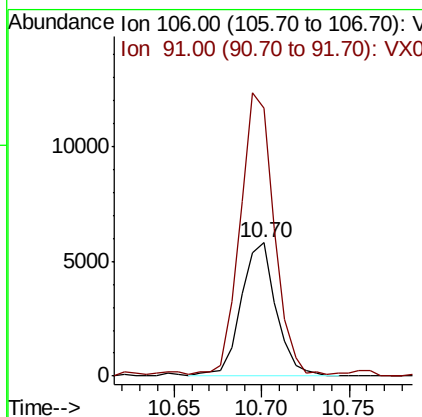
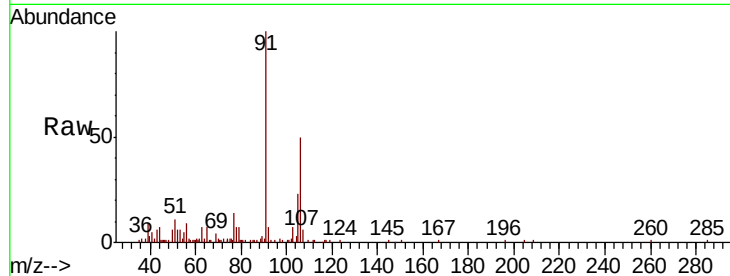




#69
o-Xylene
Concen: 0.626 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

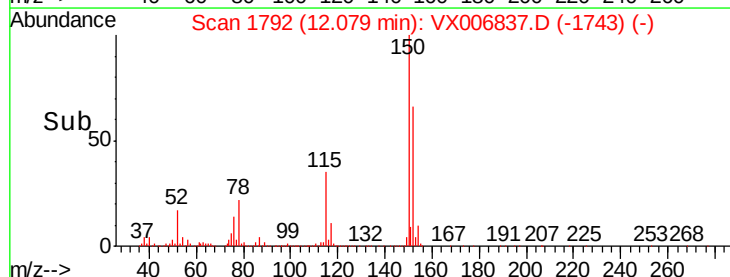
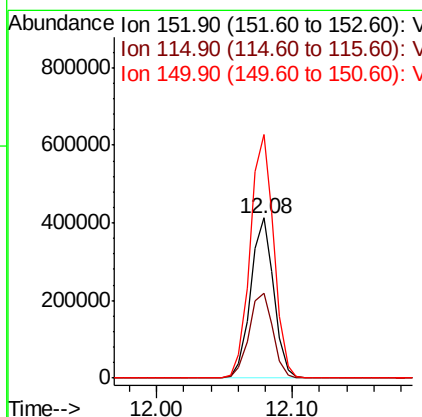
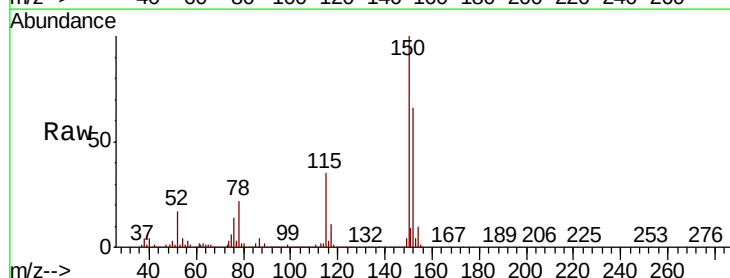
Instrument :
MSVOA_X
ClientSampled :

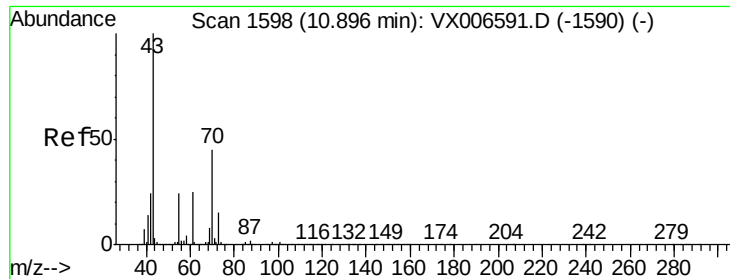
Tot Ion:106 Resp: 8136
Ion Ratio Lower Upper
106 100
91 202.6 101.3 303.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006837.D
Acq: 27 Dec 2018 12:56

Tgt Ion:152 Resp: 491325
Ion Ratio Lower Upper
152 100
115 54.6 39.1 117.2
150 155.6 0.0 344.8





#74

N-amvl acetate

Concen: 140.791 ug/l

RT: 10.82 min Scan# 1586

Delta R.T. -0.07 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 1693901

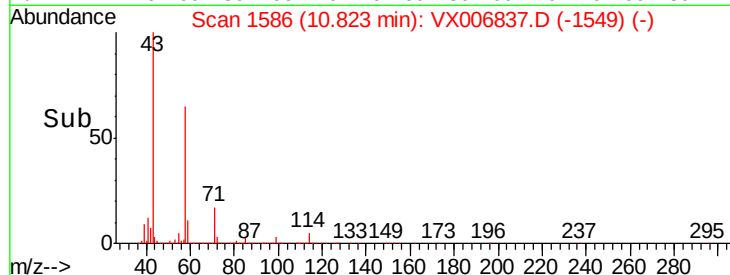
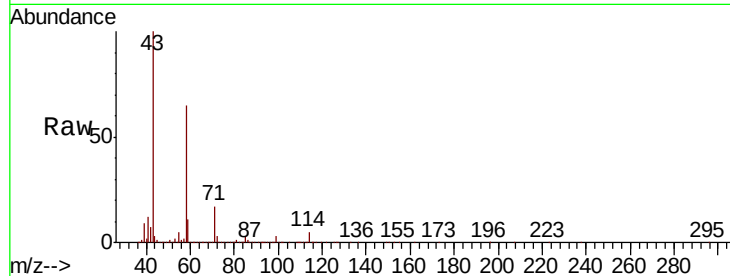
Ion Ratio Lower Upper

43 100

70 0.5 35.8 53.8#

55 5.3 19.4 29.0#

61 0.1 20.1 30.1#

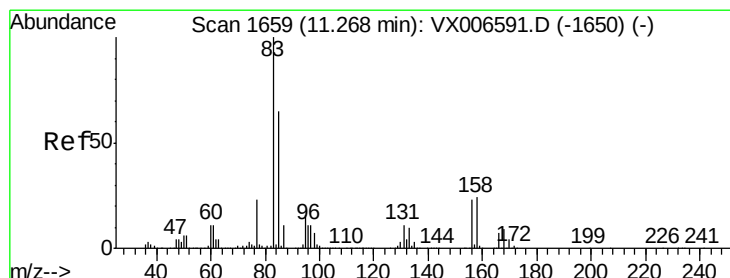
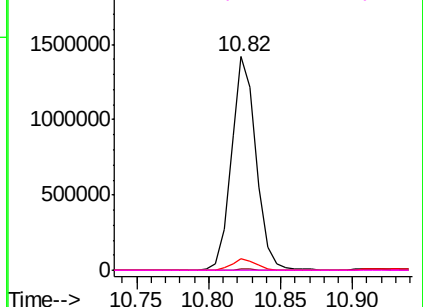


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.202 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

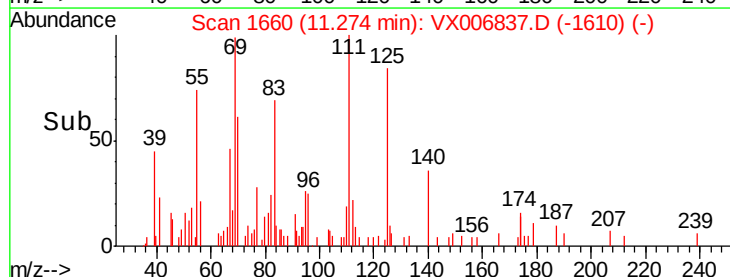
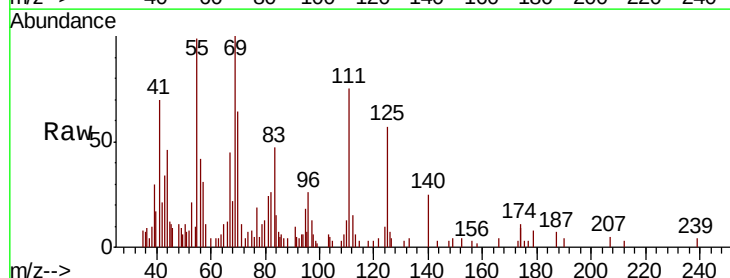
Tgt Ion: 83 Resp: 2018

Ion Ratio Lower Upper

83 100

131 3.9 5.7 17.1#

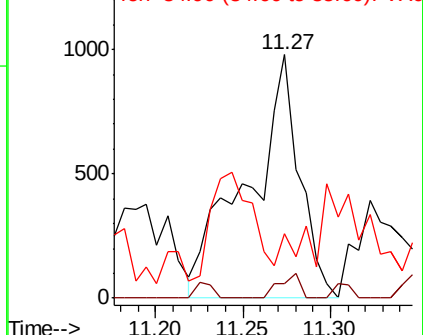
85 0.0 32.2 96.6#

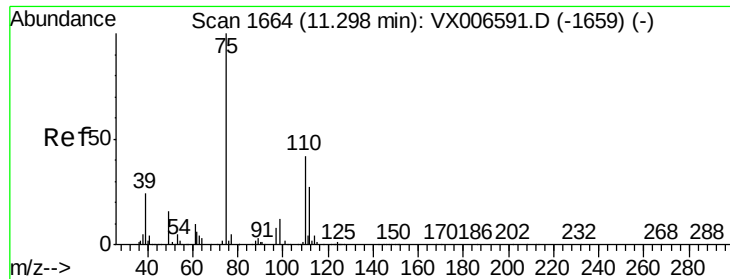


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 24.387 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

Instrument :

MSVOA_X

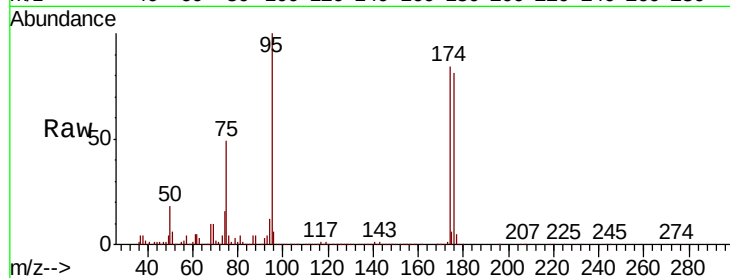
ClientSampleId :

Tot Ion: 75 Resp: 222679

Ion Ratio Lower Upper

75 100

77 1.1 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

200000

150000

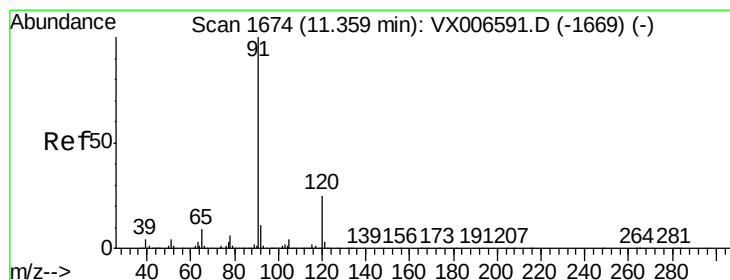
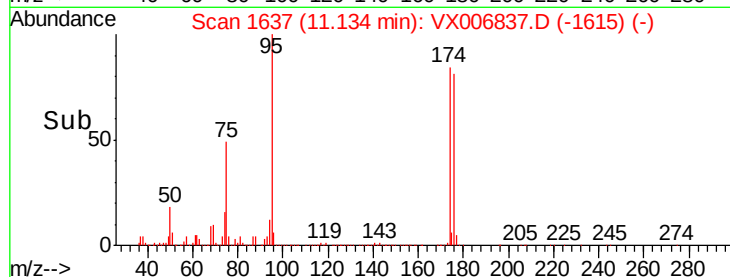
100000

50000

0

11.10 11.20

Time-->



#78

n-propylbenzene

Concen: 0.289 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006837.D

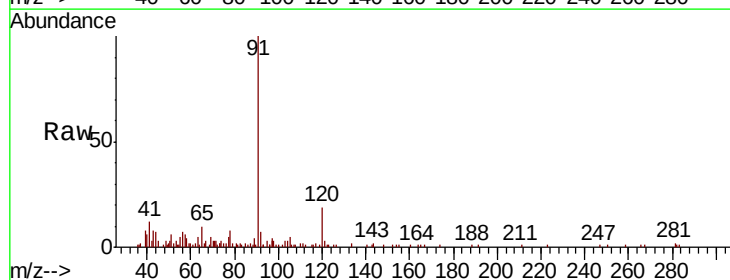
Acq: 27 Dec 2018 12:56

Tgt Ion: 91 Resp: 10706

Ion Ratio Lower Upper

91 100

120 24.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

10000

8000

6000

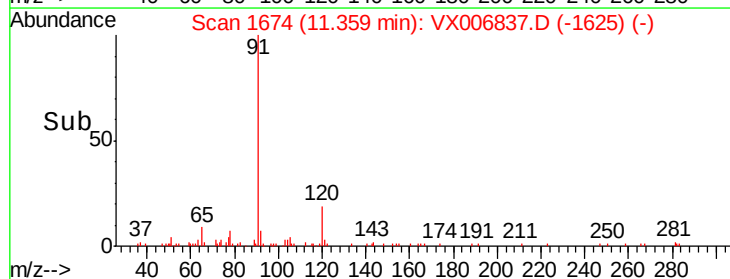
4000

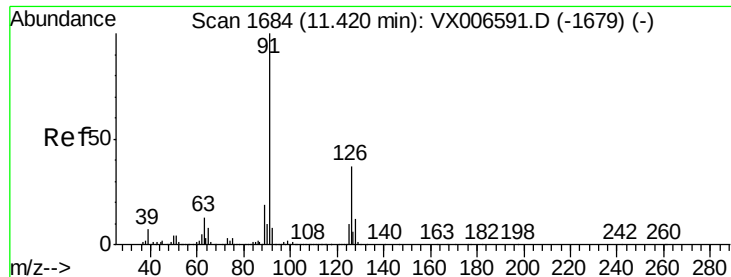
2000

0

11.30 11.35 11.40

Time-->





#79

2-Chlorotoluene

Concen: 0.210 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

Instrument :

MSVOA_X

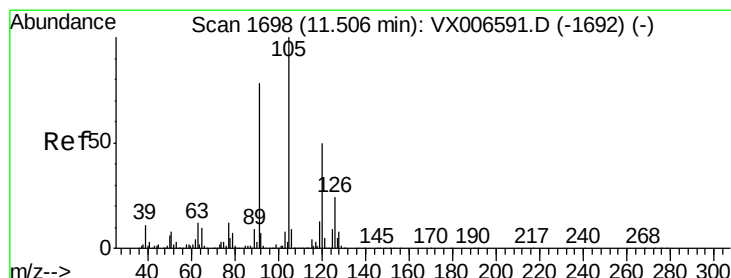
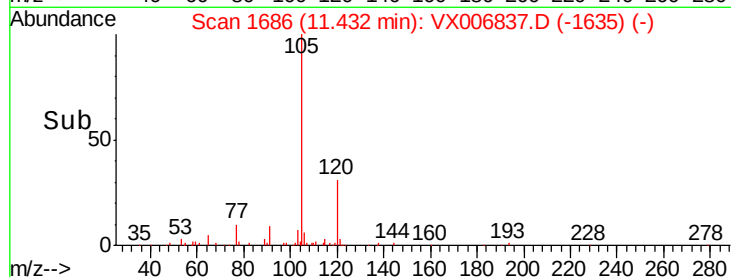
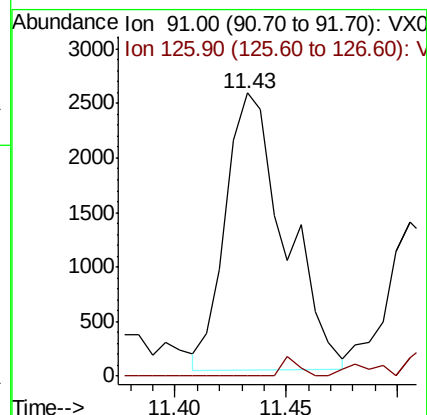
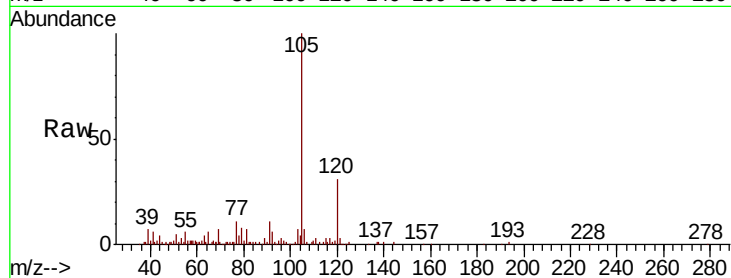
ClientSampled :

Tot Ion: 91 Resp: 4714

Ion Ratio Lower Upper

91 100

126 1.9 18.6 56.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.462 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006837.D

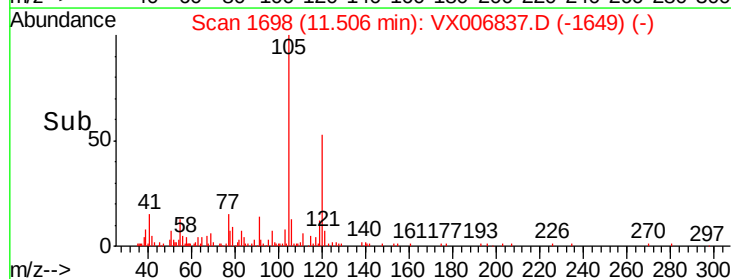
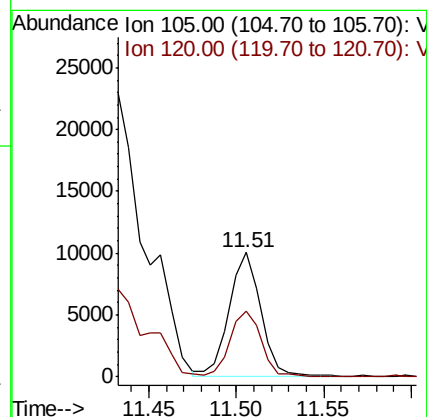
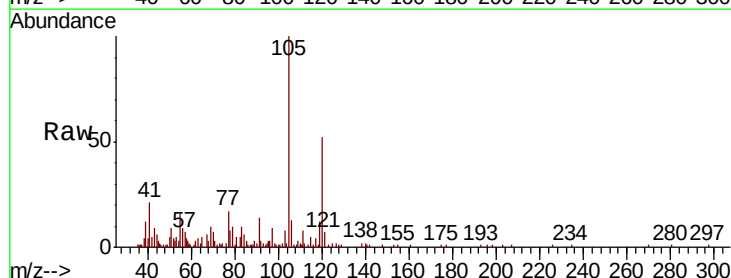
Acq: 27 Dec 2018 12:56

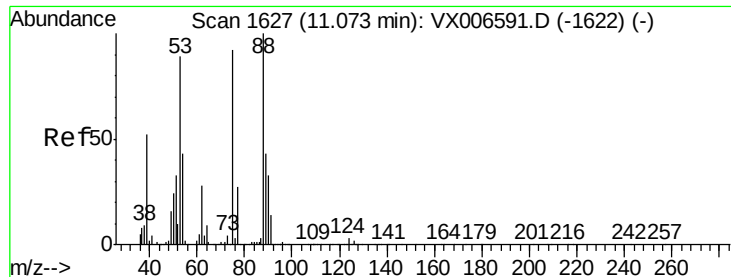
Tgt Ion: 105 Resp: 12791

Ion Ratio Lower Upper

105 100

120 51.8 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 72.168 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

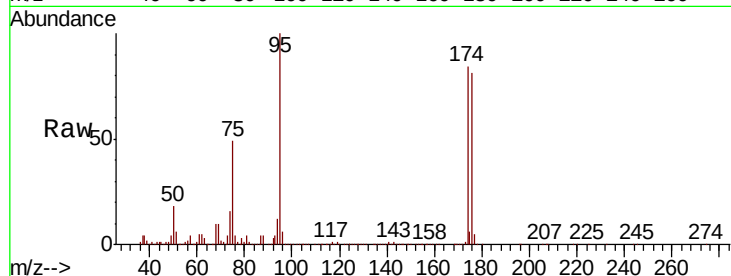
Tot Ion: 75 Resp: 222679

Ion Ratio Lower Upper

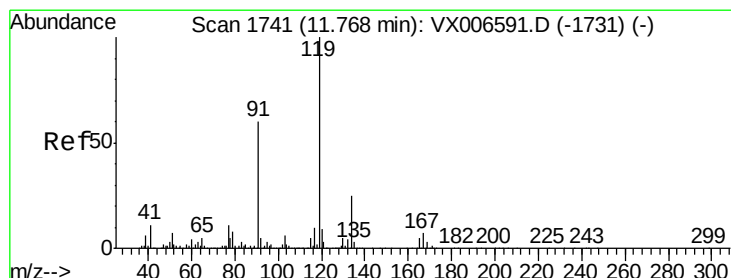
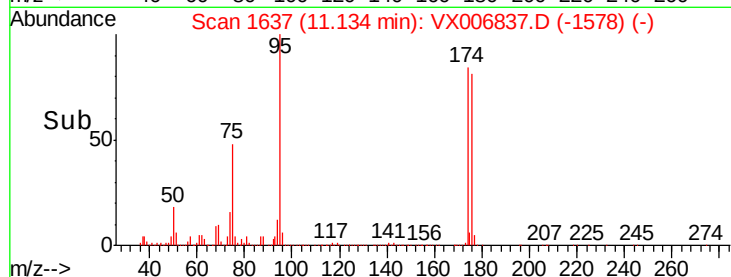
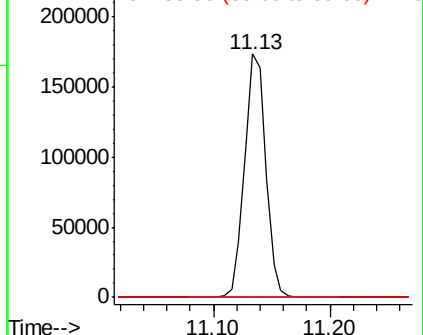
75 100

53 0.0 79.7 119.5#

89 0.0 38.0 57.0#



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



#83

tert-Butylbenzene

Concen: 0.288 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.26 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

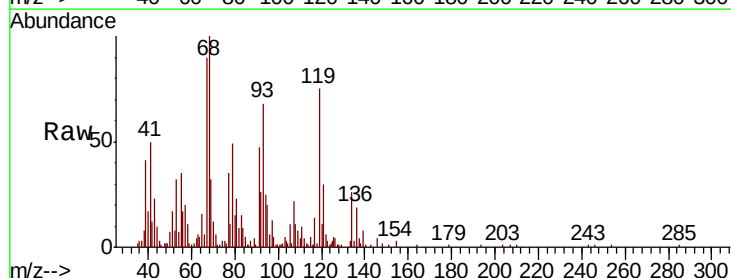
Tgt Ion: 119 Resp: 7976

Ion Ratio Lower Upper

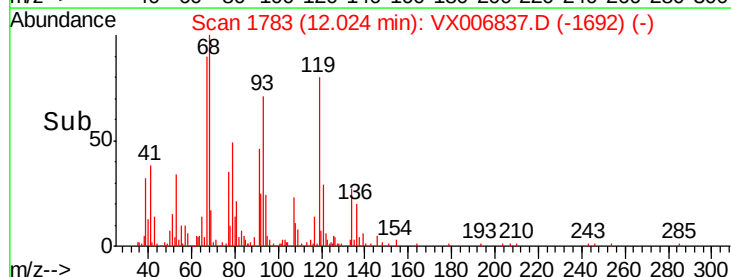
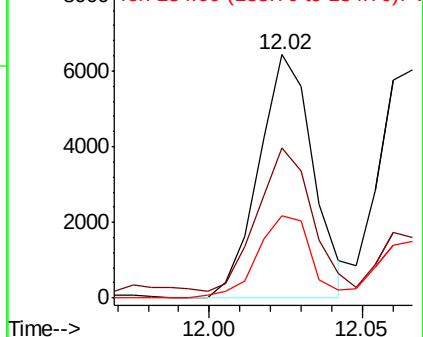
119 100

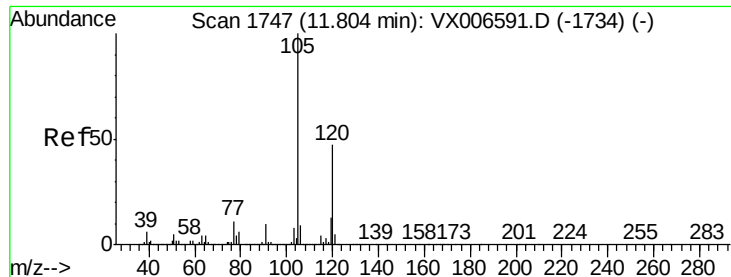
91 58.6 27.7 83.1

134 32.9 11.9 35.5



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





#84

1,2,4-Trimethylbenzene

Concen: 1.699 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

Instrument :

MSVOA_X

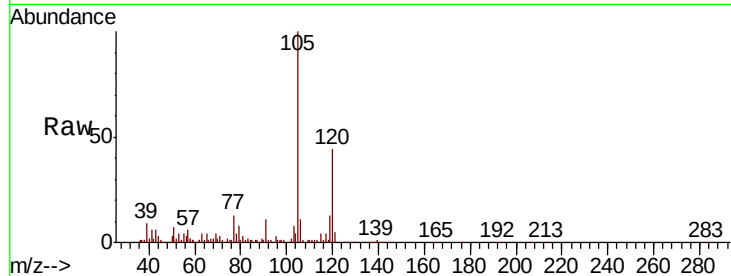
ClientSampleId :

Tot Ion:105 Resp: 49462

Ion Ratio Lower Upper

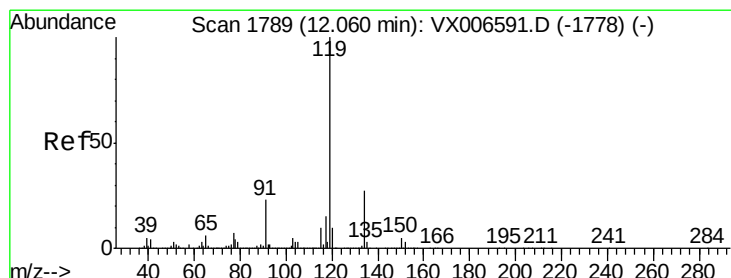
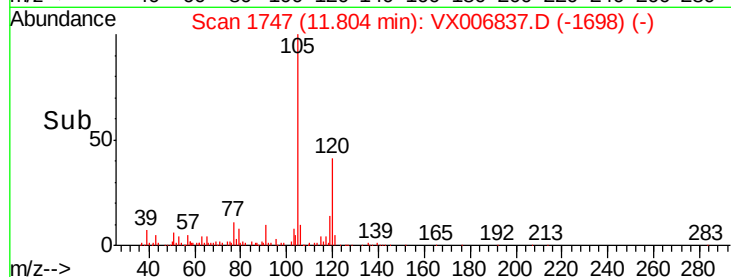
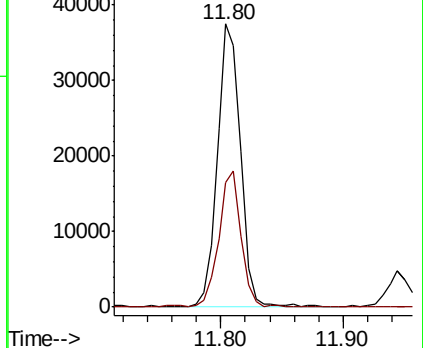
105 100

120 46.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 0.236 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

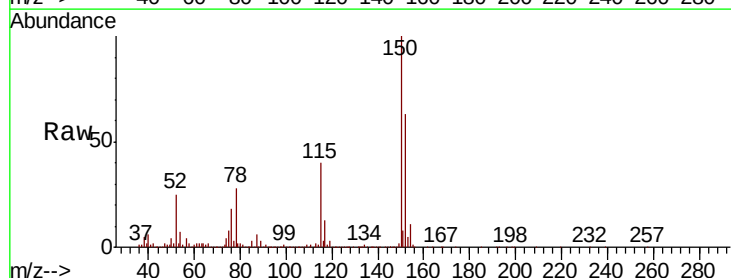
Tgt Ion:119 Resp: 7055

Ion Ratio Lower Upper

119 100

134 32.6 14.0 41.9

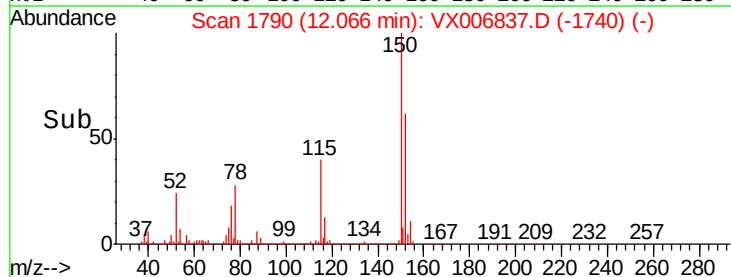
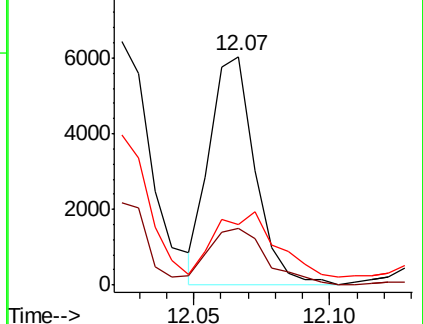
91 37.8 11.3 33.9#

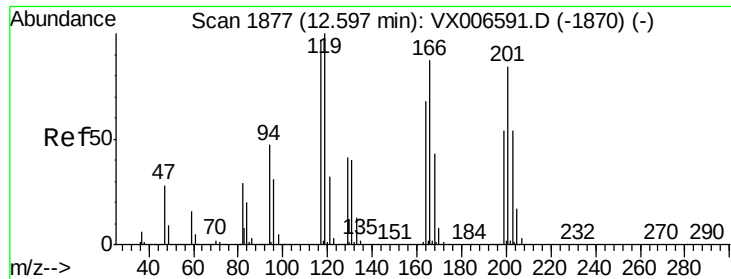


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#90

Hexachloroethane

Concen: 3.710 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

Instrument :

MSVOA_X

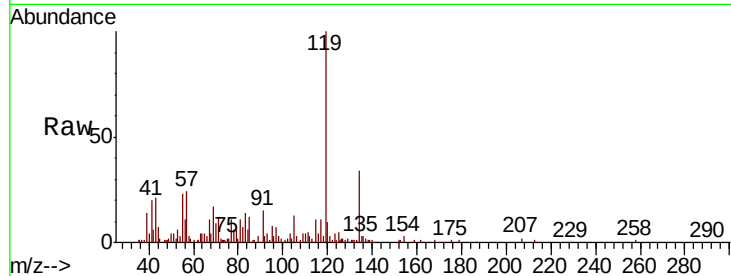
ClientSampled :

Tot Ion:117 Resp: 2086

Ion Ratio Lower Upper

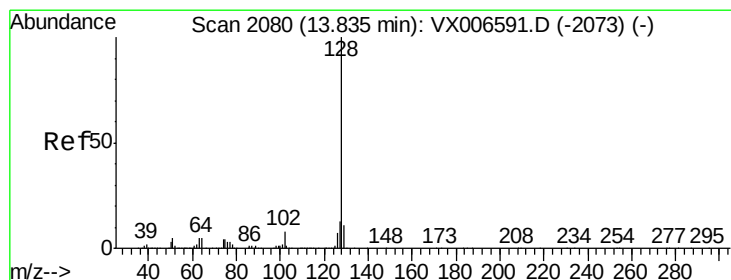
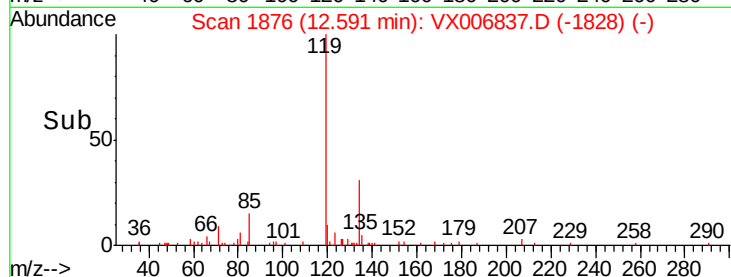
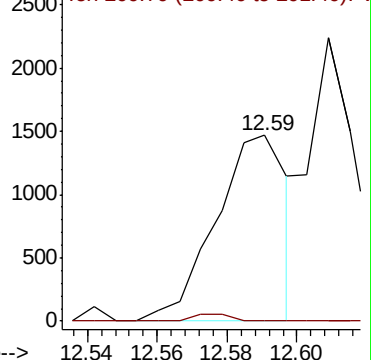
117 100

201 2.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 0.517 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006837.D

Acq: 27 Dec 2018 12:56

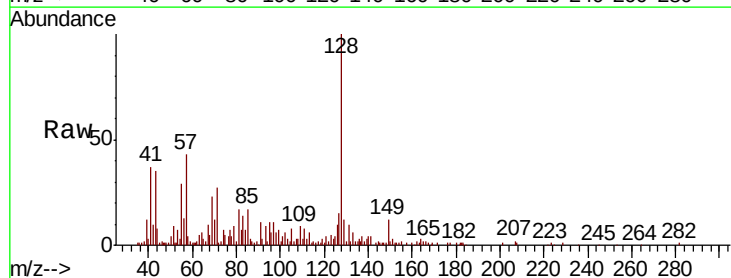
Tgt Ion:128 Resp: 18659

Ion Ratio Lower Upper

128 100

127 15.9 10.1 15.1#

129 12.2 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

