

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121918\
 Data File : VX006653.D
 Acq On : 19 Dec 2018 22:31
 Operator : JC/MD
 Sample : J6199-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 04:06:17 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	625812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	989427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	933672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	443335	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	342796	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	5.51	113	298893	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	8.71	98	1188344	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	11.13	95	434486	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	767	Below Cal	#	76
6) Chloroethane	1.71	64	1435	0.322	ug/l #	42
8) Diethyl Ether	2.19	74	17841	4.472	ug/l	95
11) Tert butyl alcohol	3.11	59	411	0.273	ug/l #	1
13) Acrolein	2.29	56	679	0.669	ug/l #	50
16) Acetone	2.45	43	22999	7.422	ug/l	100
18) Methyl Acetate	2.78	43	25036	2.748	ug/l	97
20) Methylene Chloride	2.86	84	165517	25.831	ug/l	99
25) 2-Butanone	4.70	43	4086	0.937	ug/l #	85
28) Bromochloromethane	5.01	49	298	Below Cal	#	1
29) Tetrahydrofuran	5.17	42	1004	0.350	ug/l #	22
31) Cyclohexane	5.65	56	11866	1.271	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	42083	5.135	ug/l #	48
38) Carbon Tetrachloride	5.66	117	59160	7.428	ug/l #	14
43) Isopropyl Acetate	6.46	43	30228	2.329	ug/l	98
48) Methyl methacrylate	7.69	41	16277	2.466	ug/l #	13
49) 1,4-Dioxane	7.73	88	172	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.62	43	144302	17.476	ug/l #	49
54) cis-1,3-Dichloropropene	8.62	75	75340	8.649	ug/l #	62
57) 1,3-Dichloropropane	9.54	76	18433	1.739	ug/l #	45
59) 2-Hexanone	9.54	43	224379	35.515	ug/l #	52
60) Dibromochloromethane	9.83	129	69	2.334	ug/l	80
68) m/p-Xylenes	10.36	106	4062	0.319	ug/l	96
69) o-Xylene	10.70	106	3177	0.253	ug/l	97
71) Bromoform	10.87	173	145	4.484	ug/l #	28
74) N-amyl acetate	10.69	43	21267	1.959	ug/l #	54
76) 1,2,3-Trichloropropane	11.13	75	205629	24.958	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	8229	0.329	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.13	75	205629	73.757	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	20736	0.789	ug/l	95
90) Hexachloroethane	12.61	117	507	3.406	ug/l #	12
95) Naphthalene	13.83	128	49597	1.524	ug/l	98

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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

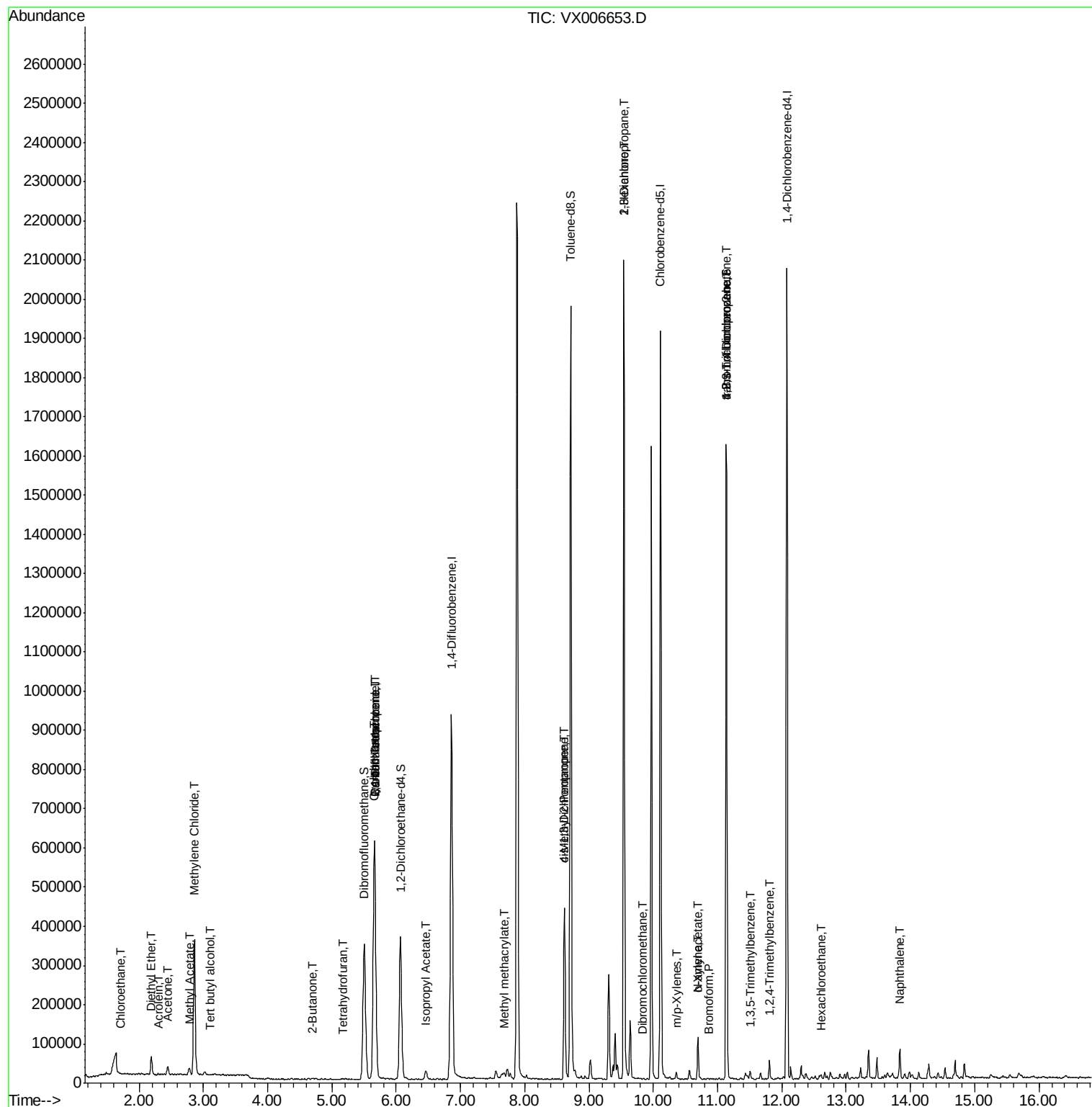
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

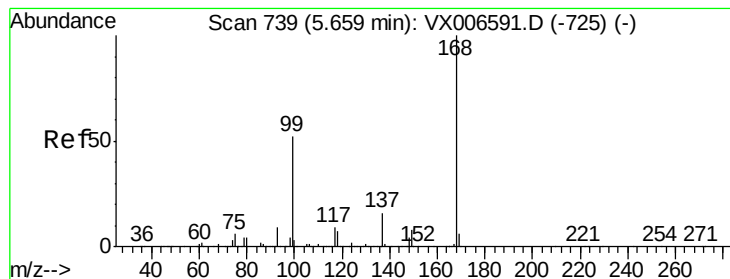
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

Instrument :

MSVOA_X

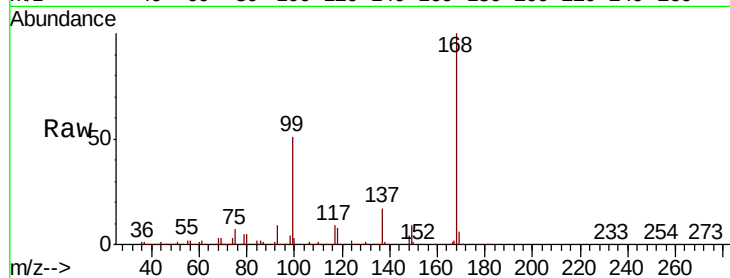
ClientSampleId :

Tot Ion:168 Resp: 625812

Ion Ratio Lower Upper

168 100

99 51.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

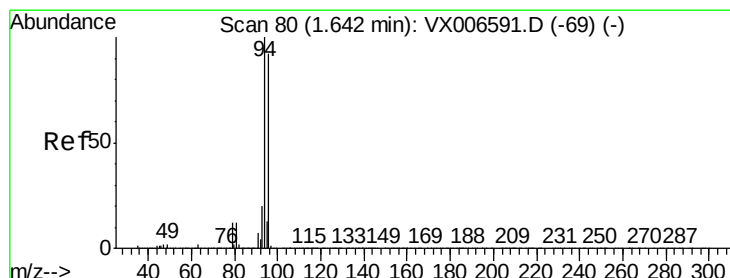
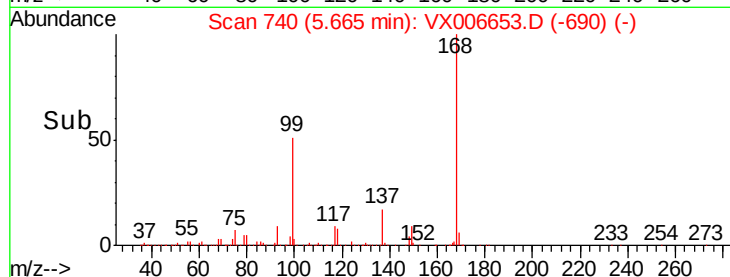
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006653.D

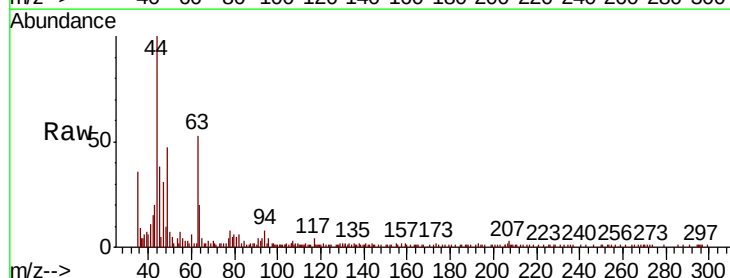
Acq: 19 Dec 2018 22:31

Tgt Ion: 94 Resp: 767

Ion Ratio Lower Upper

94 100

96 68.5 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1000

800

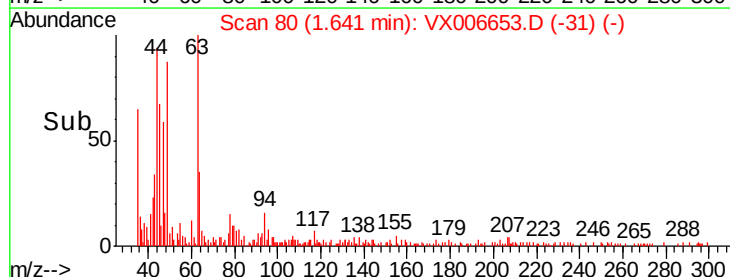
600

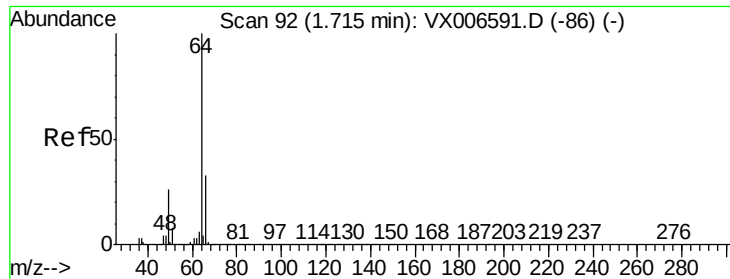
400

200

0

Time-->





#6

Chloroethane

Concen: 0.322 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

Instrument :

MSVOA_X

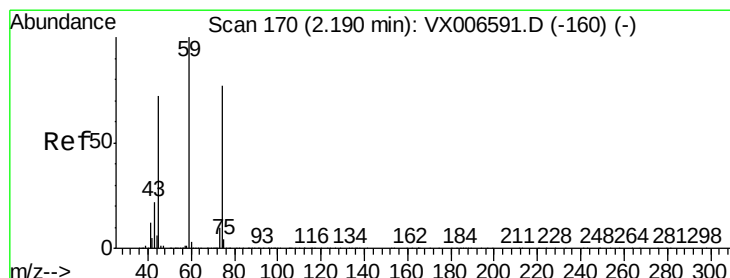
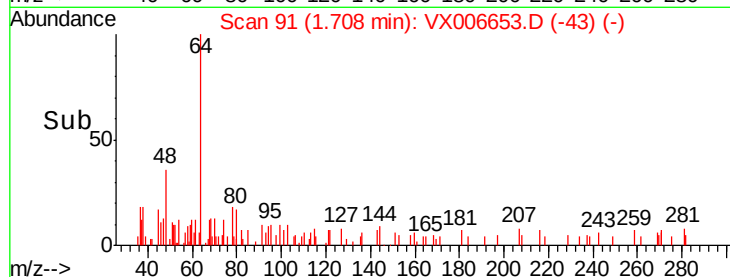
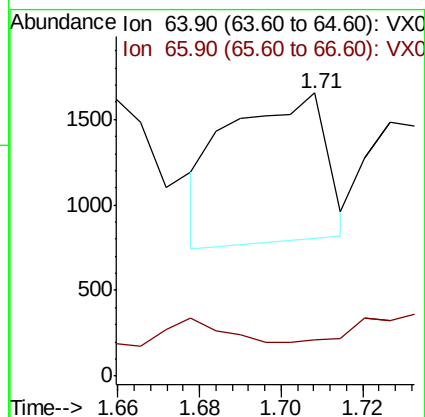
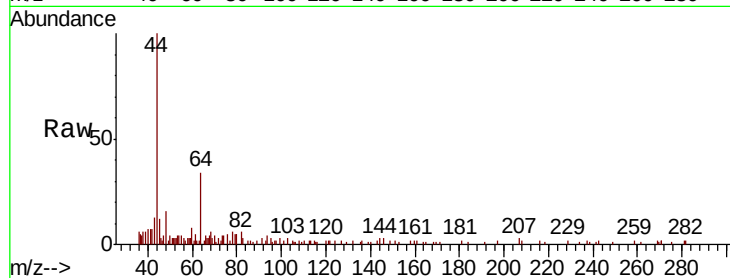
ClientSampleId :

Tot Ion: 64 Resp: 1435

Ion Ratio Lower Upper

64 100

66 0.0 26.4 39.6#



#8

Diethyl Ether

Concen: 4.472 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX006653.D

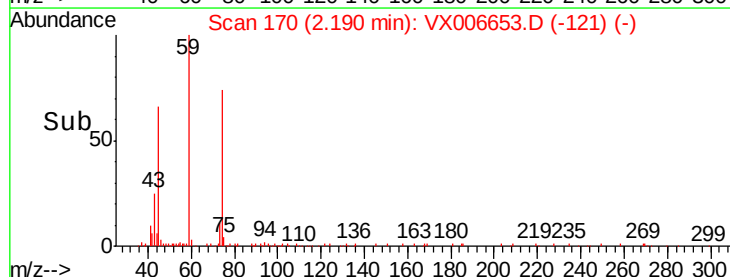
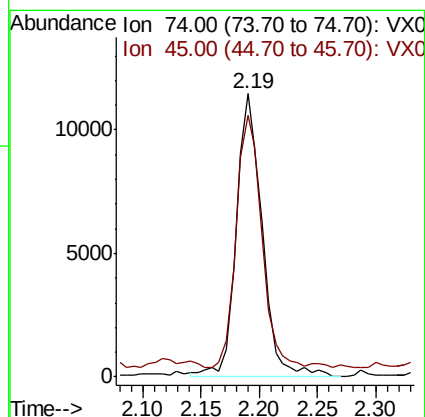
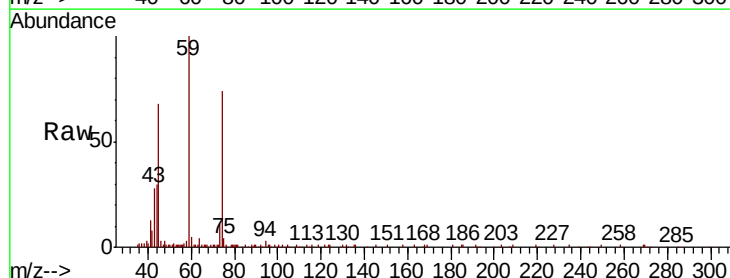
Acq: 19 Dec 2018 22:31

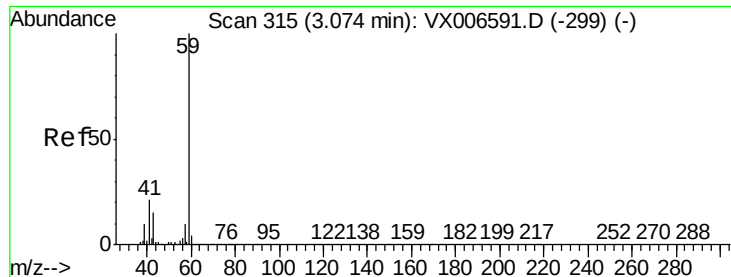
Tgt Ion: 74 Resp: 17841

Ion Ratio Lower Upper

74 100

45 87.7 46.3 138.9



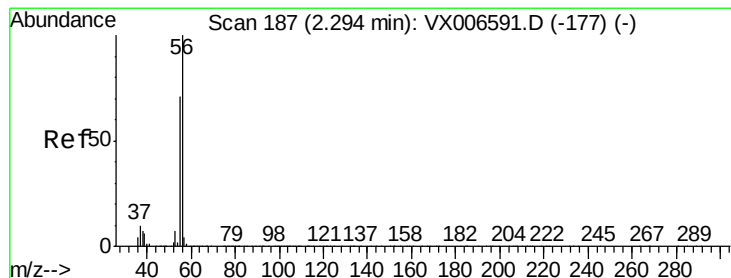
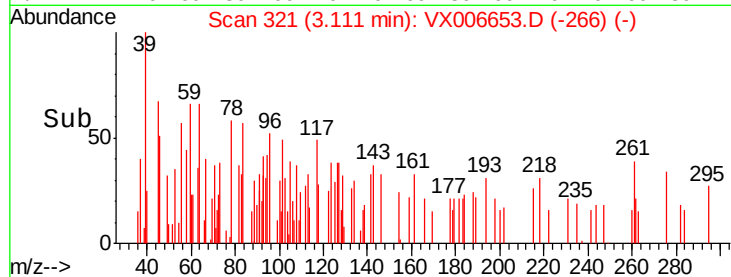
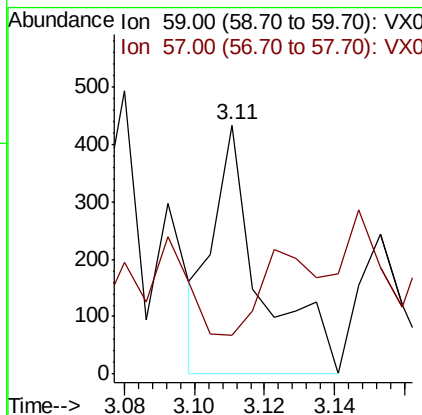
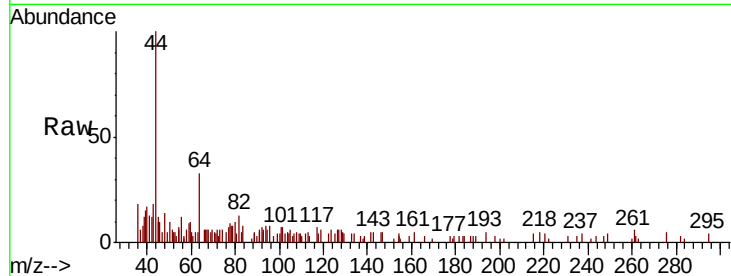


#11

Tert butyl alcohol
Concen: 0.273 ug/l
RT: 3.11 min Scan# 321
Delta R.T. 0.04 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :

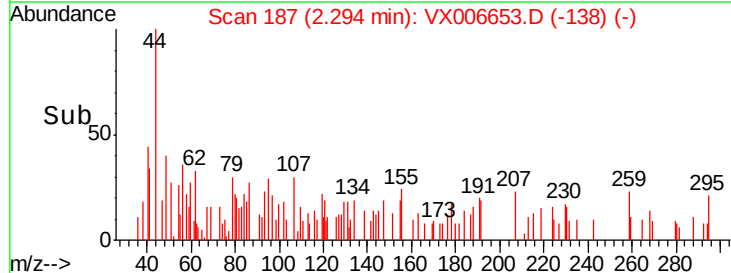
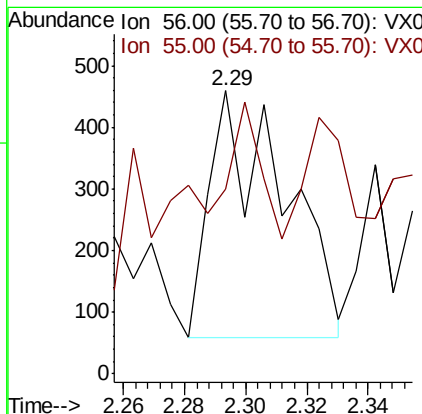
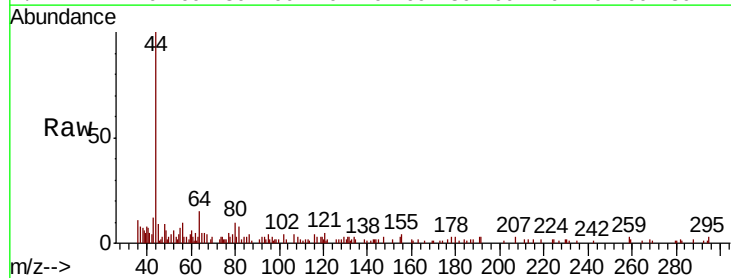
Tot Ion: 59 Resp: 411
Ion Ratio Lower Upper
59 100
57 52.3 8.5 12.7#

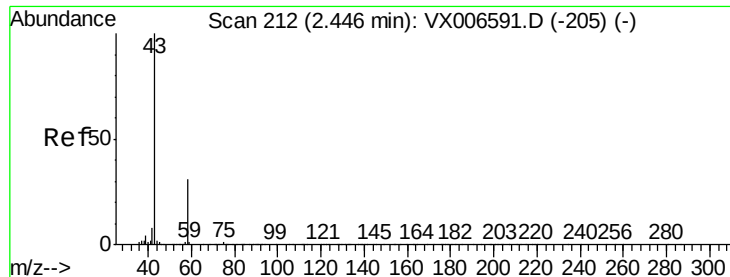


#13

Acrolein
Concen: 0.669 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

Tgt Ion: 56 Resp: 679
Ion Ratio Lower Upper
56 100
55 30.5 58.2 87.4#

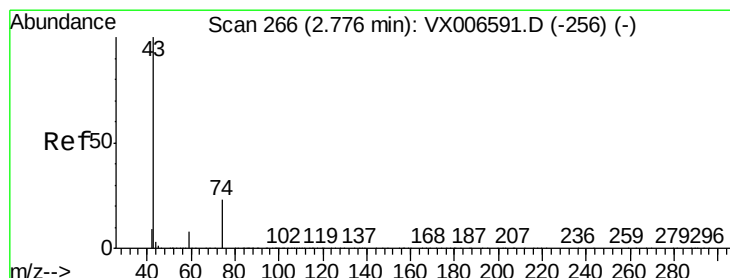
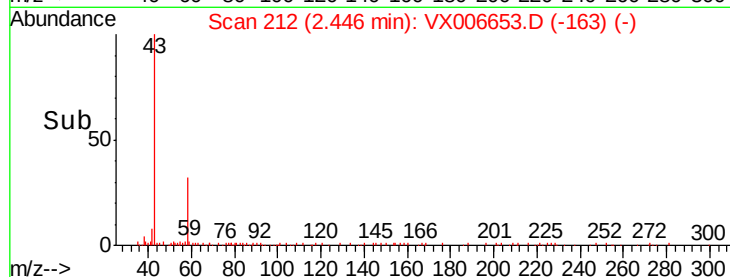
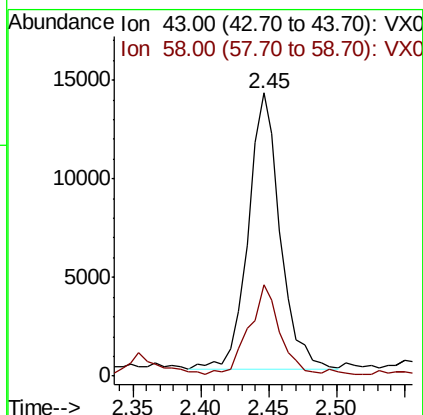
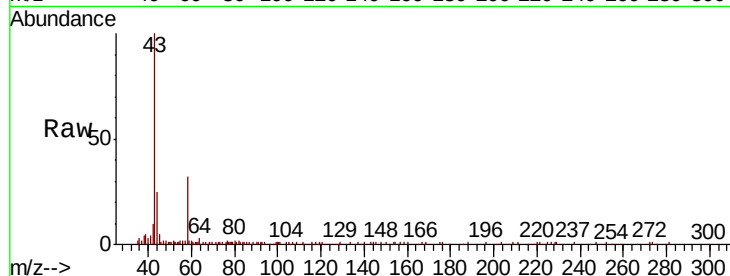




#16
Acetone
Concen: 7.422 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

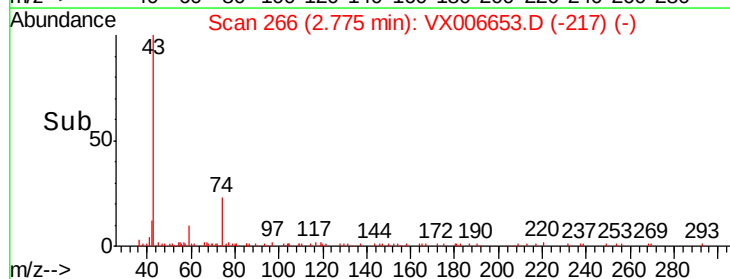
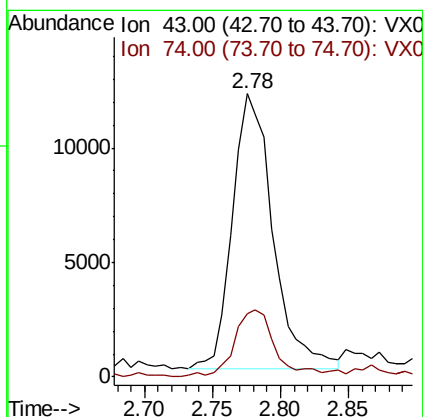
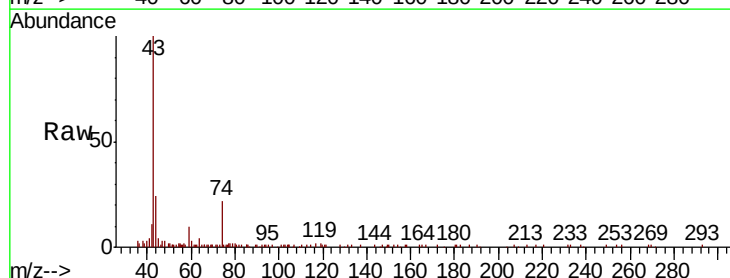
Instrument :
MSVOA_X
ClientSampleId :

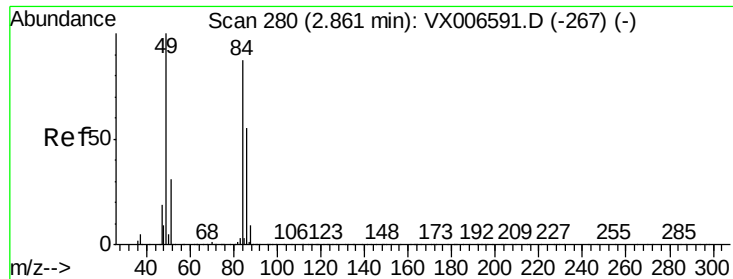
Tot Ion: 43 Resp: 22999
Ion Ratio Lower Upper
43 100
58 31.6 25.0 37.6



#18
Methyl Acetate
Concen: 2.748 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

Tgt Ion: 43 Resp: 25036
Ion Ratio Lower Upper
43 100
74 24.8 18.6 28.0

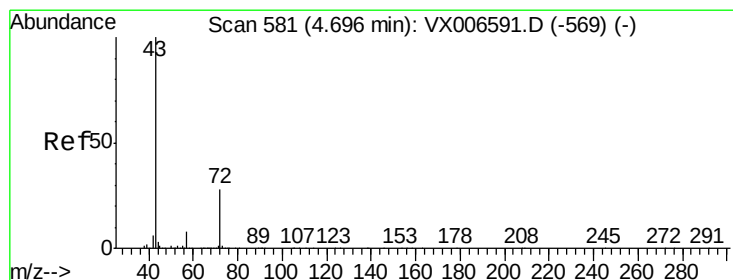
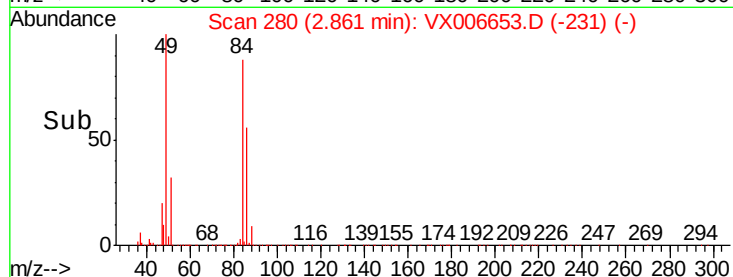
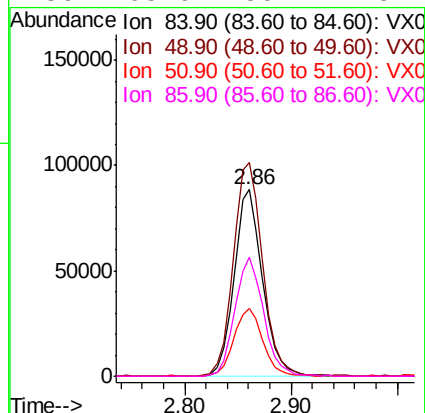
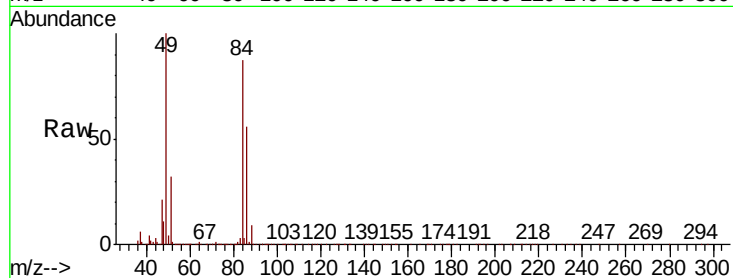




#20
Methylene Chloride
Concen: 25.831 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

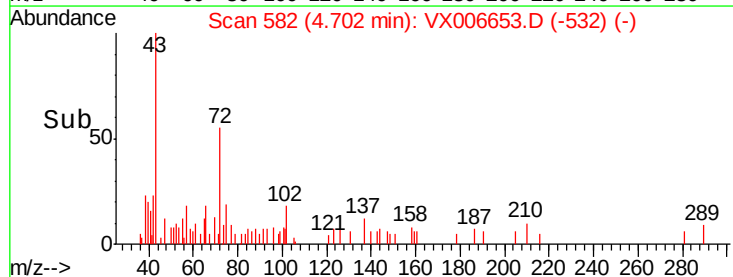
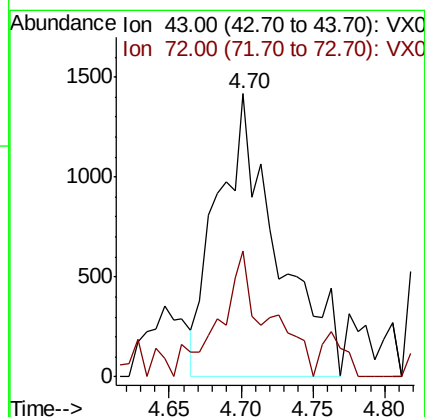
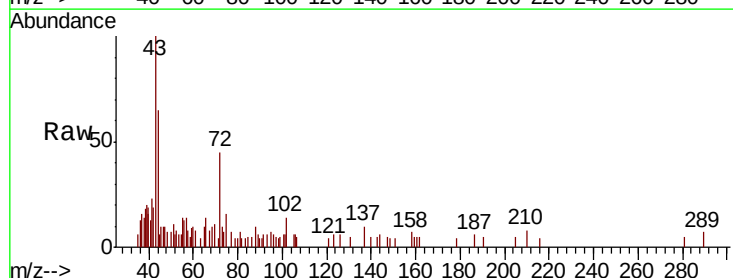
Instrument :
MSVOA_X
ClientSampleId :

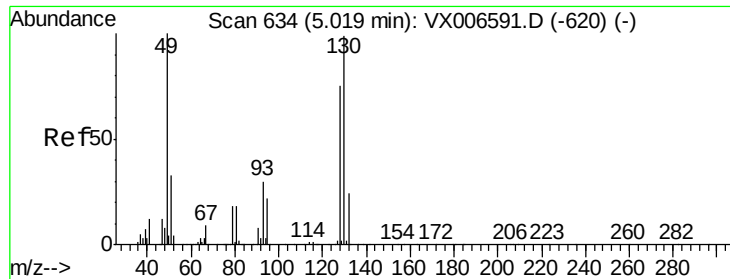
Tot Ion: 84 Resp: 165517
Ion Ratio Lower Upper
84 100
49 114.2 91.8 137.6
51 35.9 28.5 42.7
86 63.6 50.2 75.2



#25
2-Butanone
Concen: 0.937 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

Tgt Ion: 43 Resp: 4086
Ion Ratio Lower Upper
43 100
72 35.7 22.4 33.6#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

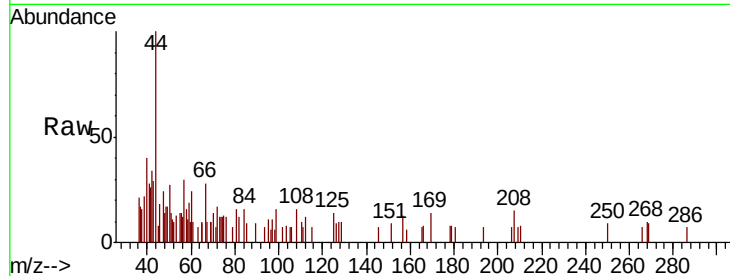
Tot Ion: 49 Resp: 298

Ion Ratio Lower Upper

49 100

129 36.9 0.0 5.4#

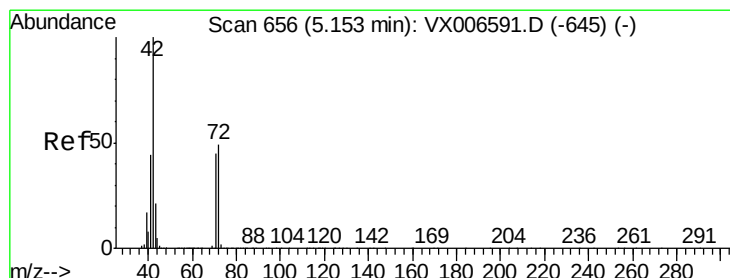
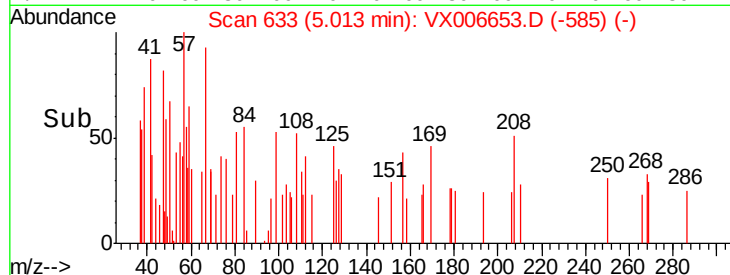
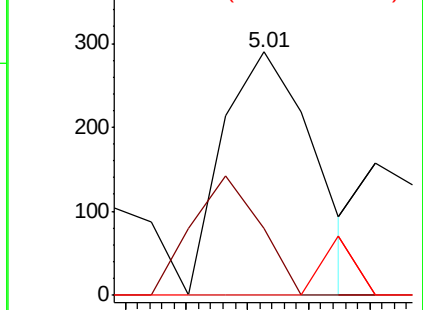
130 0.0 77.7 116.5#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.350 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

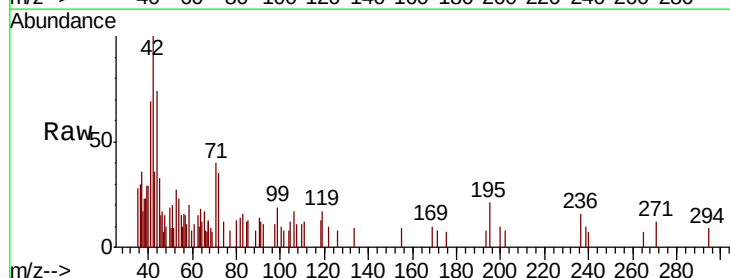
Tgt Ion: 42 Resp: 1004

Ion Ratio Lower Upper

42 100

72 139.4 38.9 58.3#

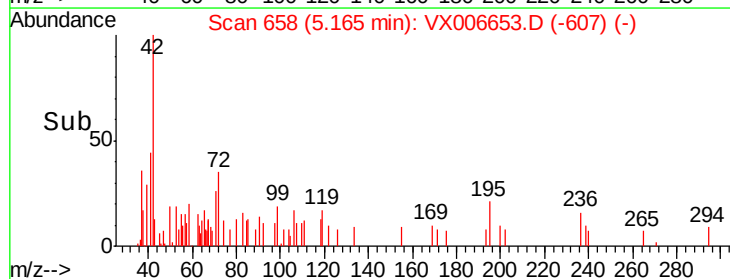
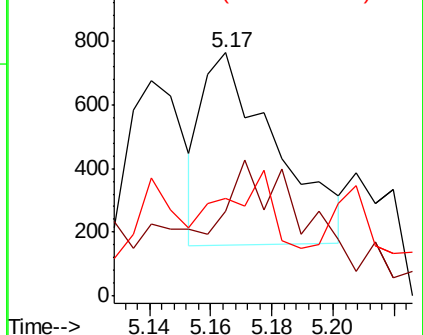
71 33.2 36.2 54.4#

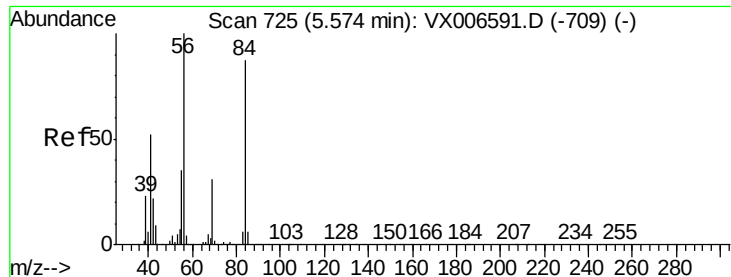


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

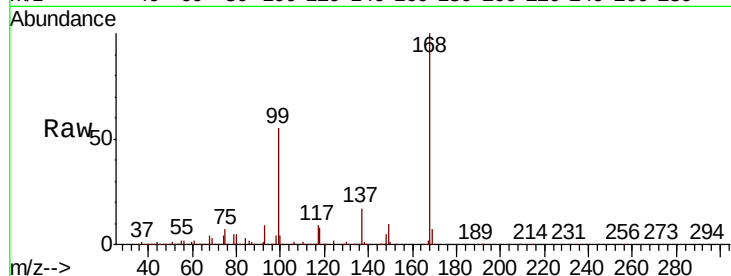




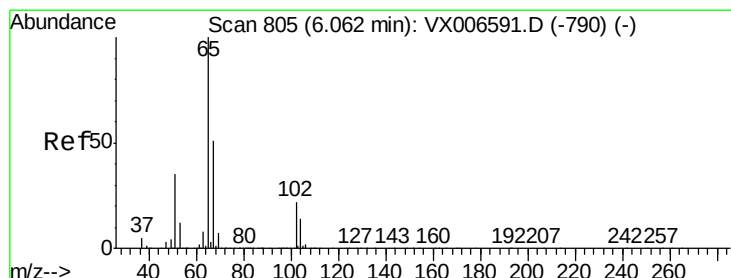
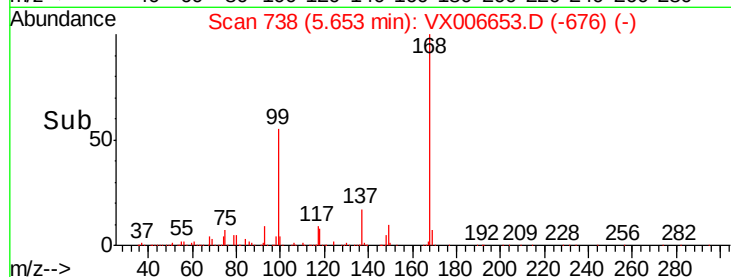
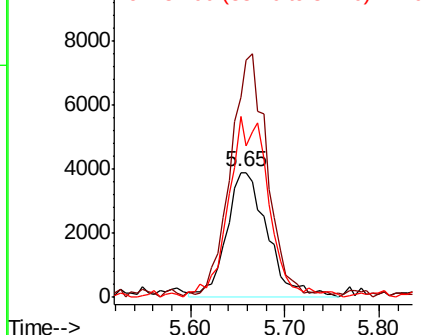
#31
Cyclohexane
Concen: 1.271 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 11866
Ion Ratio Lower Upper
56 100
69 157.0 24.4 36.6#
84 142.8 70.0 105.0#

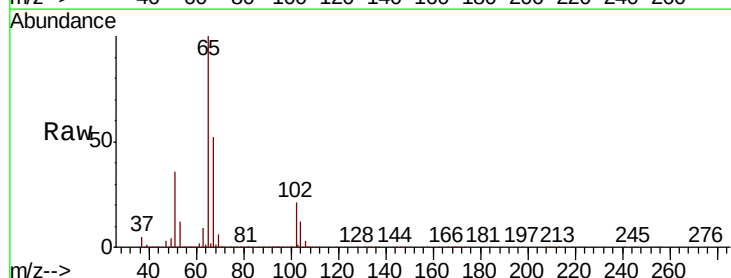


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

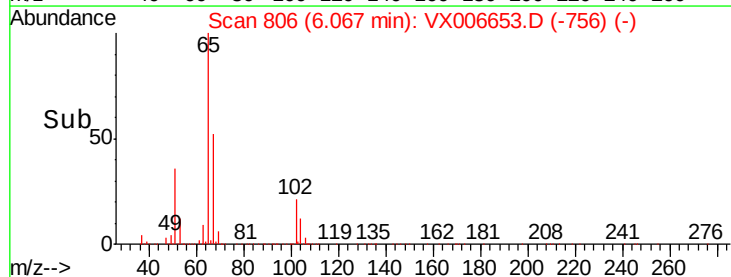
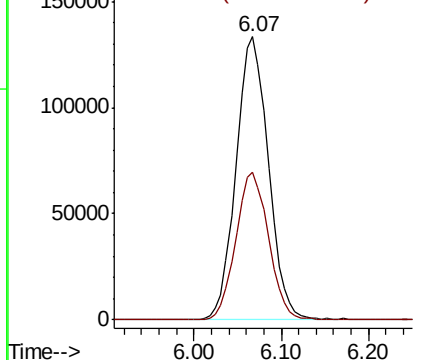


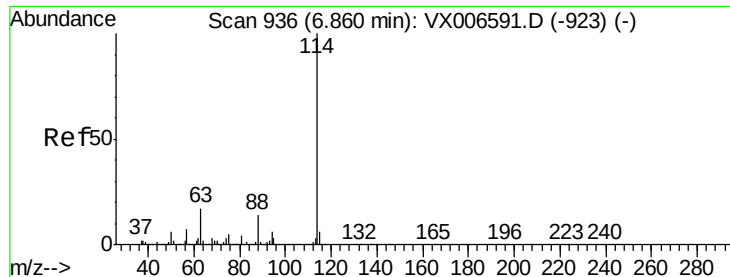
#33
1,2-Dichloroethane-d4
Concen: 50.824 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

Tgt Ion: 65 Resp: 342796
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

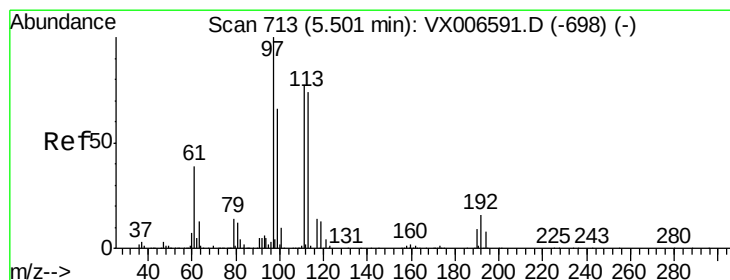
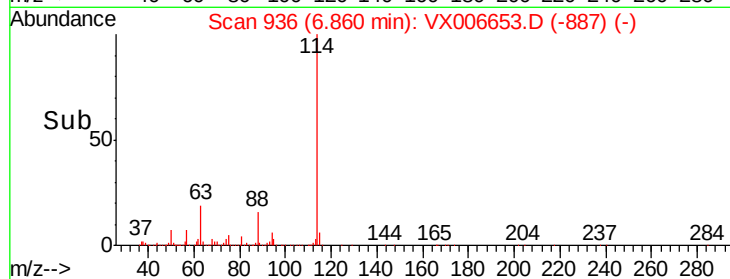
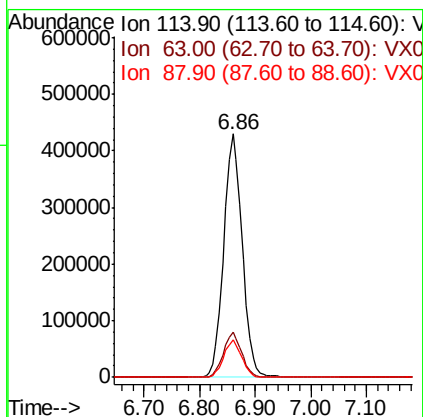
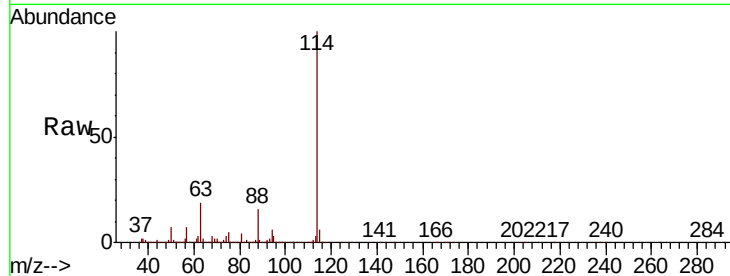




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006653.D
 Acq: 19 Dec 2018 22:31

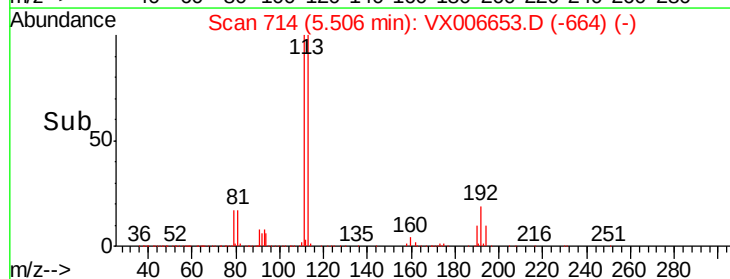
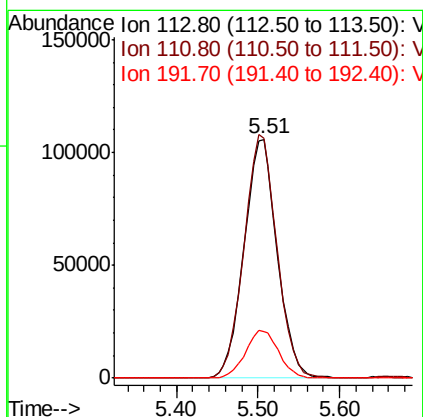
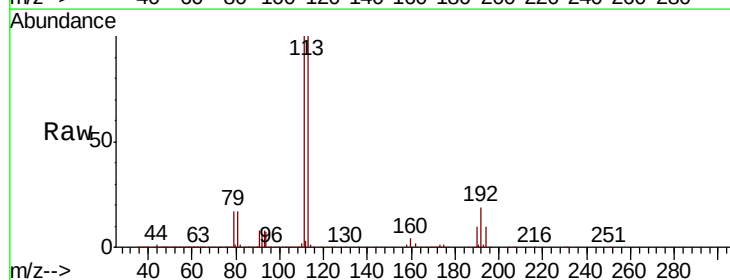
Instrument :
 MSVOA_X
 ClientSampled :

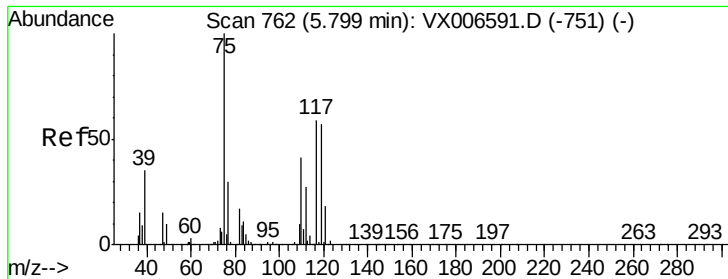
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.8
88	15.6	0.0	28.8



#35
 Dibromofluoromethane
 Concen: 47.770 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006653.D
 Acq: 19 Dec 2018 22:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.6	122.4
192	20.2	16.7	25.1





#36

1,1-Dichloropropene

Concen: 5.135 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

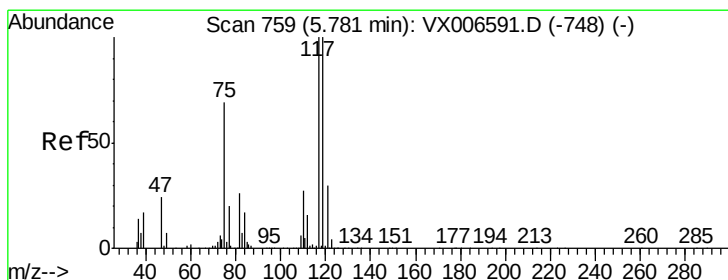
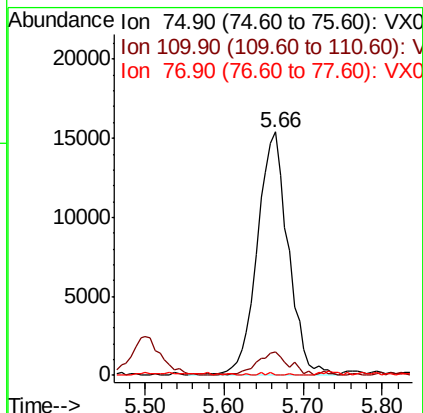
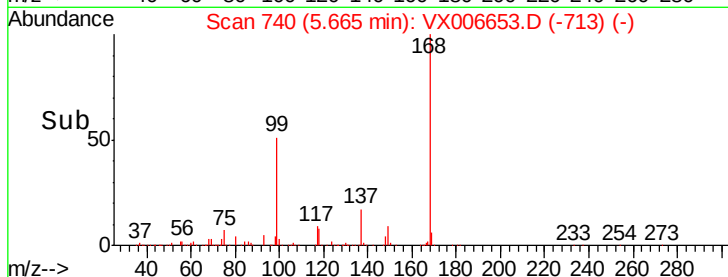
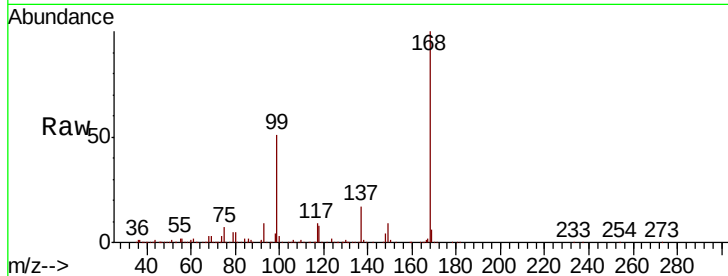
Tot Ion: 75 Resp: 42083

Ion Ratio Lower Upper

75 100

110 9.7 20.2 60.5#

77 0.2 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.428 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

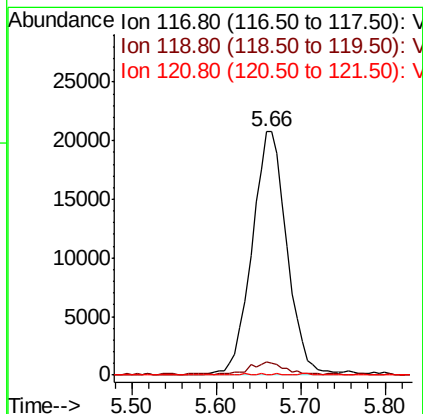
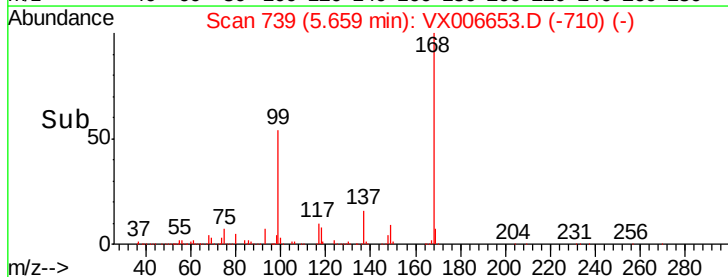
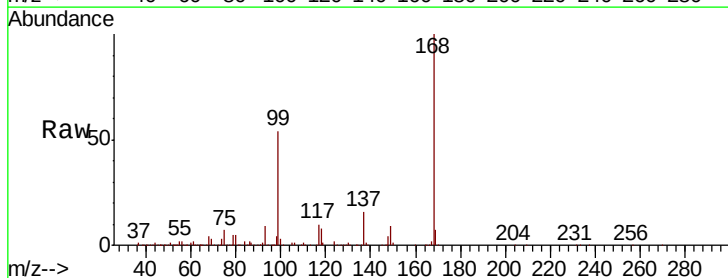
Tgt Ion: 117 Resp: 59160

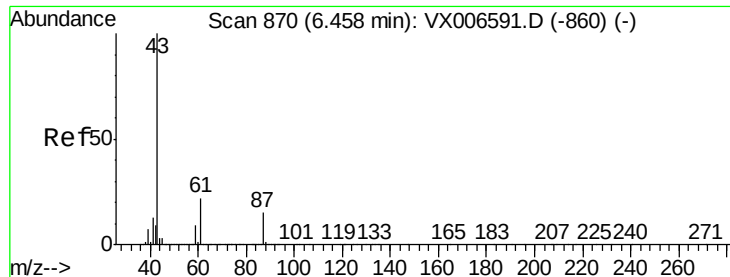
Ion Ratio Lower Upper

117 100

119 5.0 79.4 119.2#

121 0.0 24.0 36.0#





#43

Isopropyl Acetate

Concen: 2.329 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

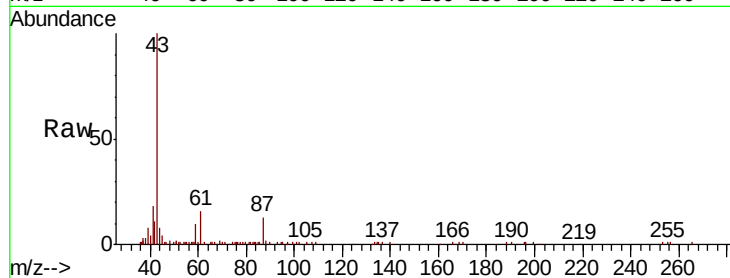
Tot Ion: 43 Resp: 30228

Ion Ratio Lower Upper

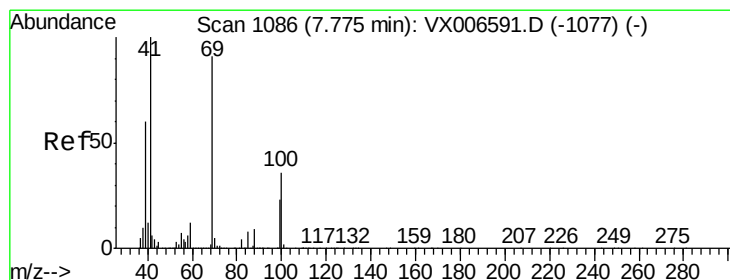
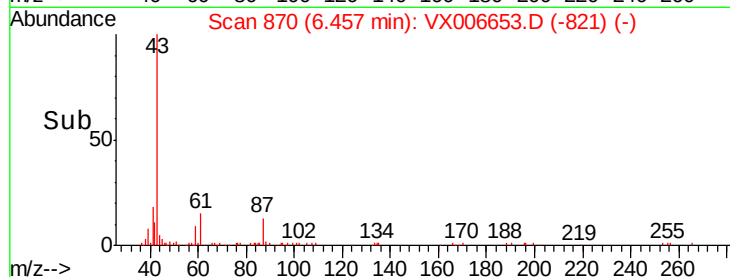
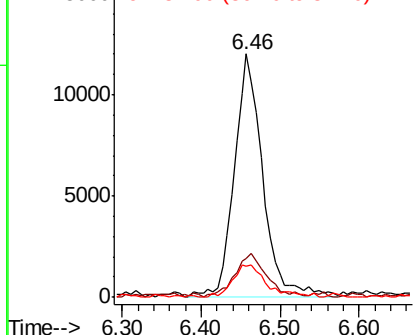
43 100

61 20.1 16.8 25.2

87 16.0 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 2.466 ug/l

RT: 7.69 min Scan# 1072

Delta R.T. -0.09 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

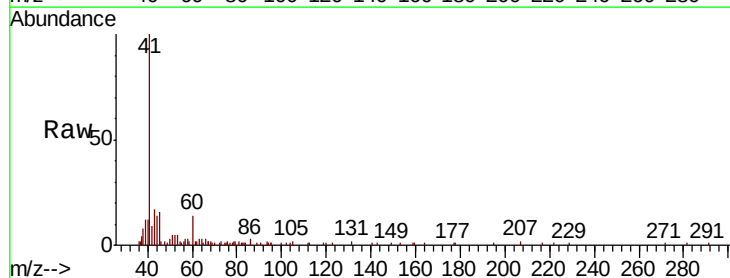
Tgt Ion: 41 Resp: 16277

Ion Ratio Lower Upper

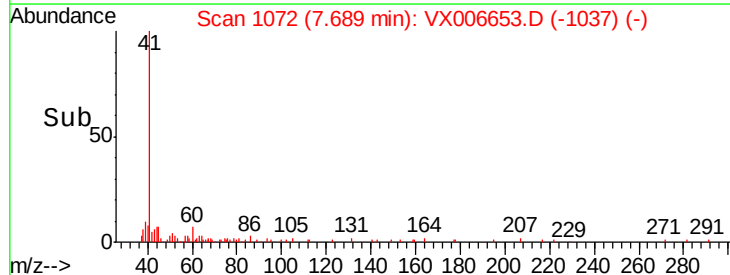
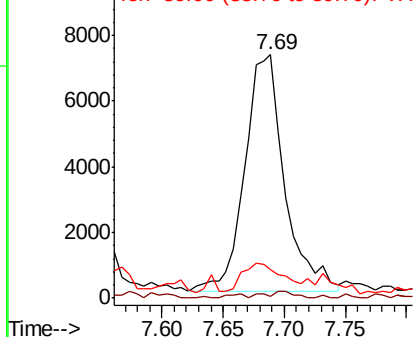
41 100

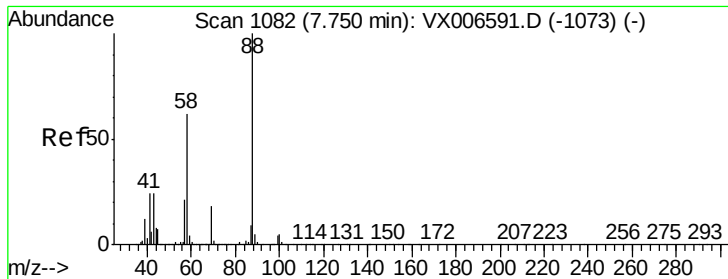
69 2.0 72.4 108.6#

39 0.0 45.8 68.8#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

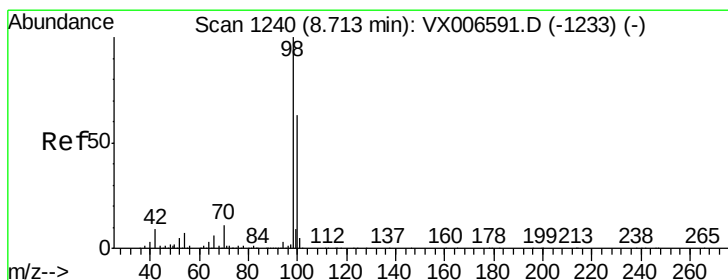
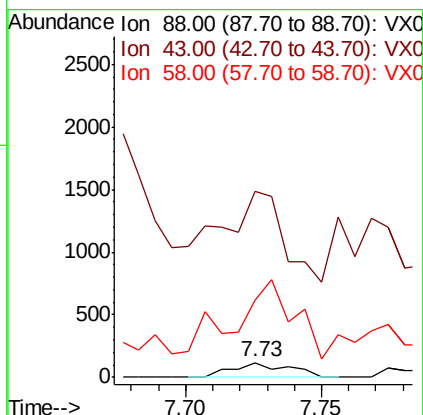
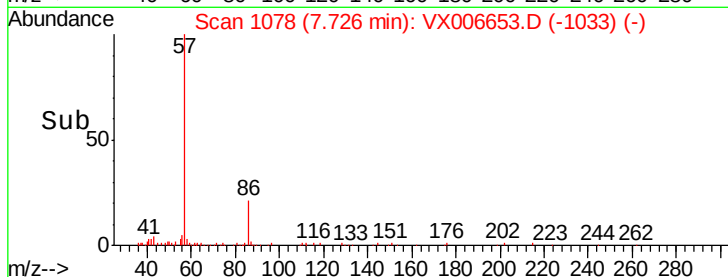
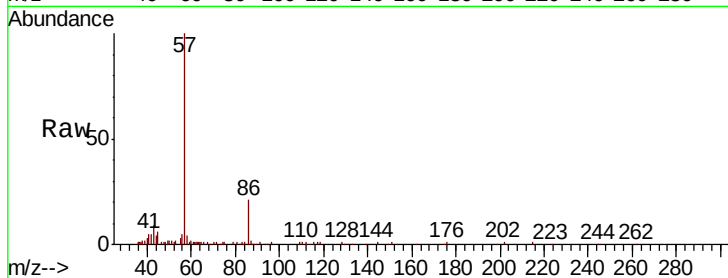




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.73 min Scan# 1078
Delta R.T. -0.02 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

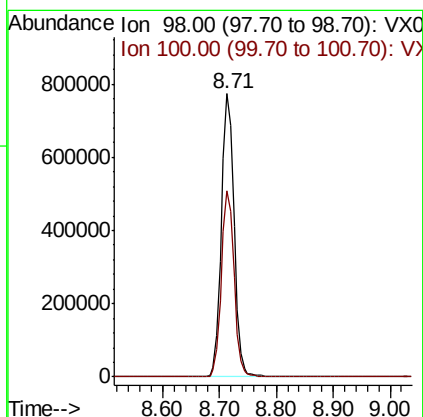
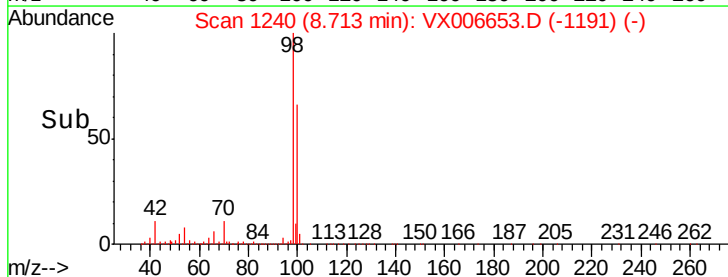
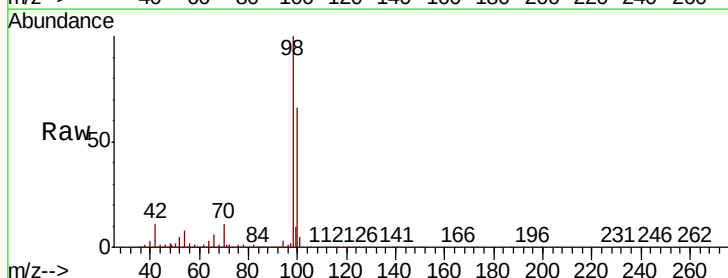
Instrument :
MSVOA_X
ClientSampled :

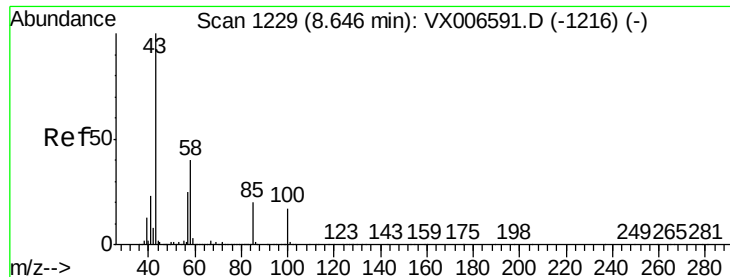
Tot Ion: 88 Resp: 172
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.4#
58 691.3 51.0 76.4#



#50
Toluene-d8
Concen: 50.377 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

Tgt Ion: 98 Resp: 1188344
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 17.476 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

Instrument :

MSVOA_X

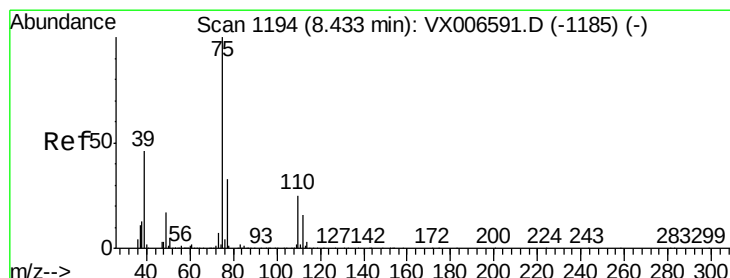
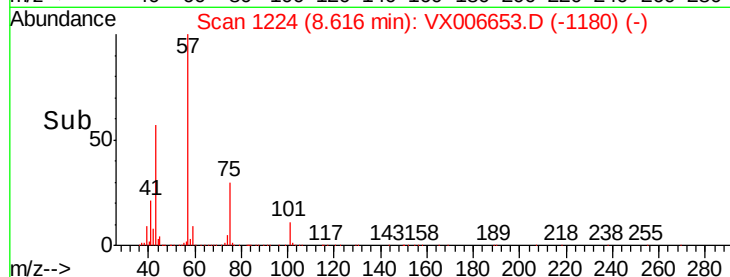
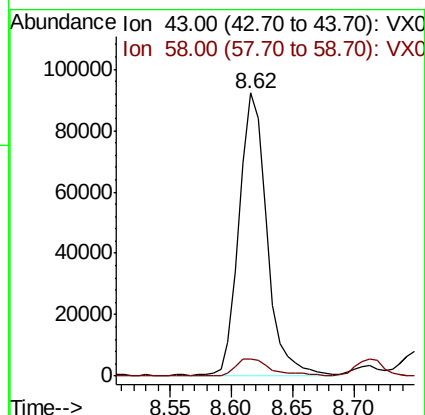
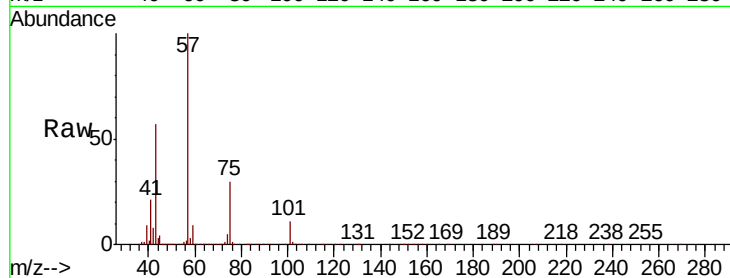
ClientSampled :

Tot Ion: 43 Resp: 144302

Ion Ratio Lower Upper

43 100

58 8.2 31.8 47.6#



#54

cis-1,3-Dichloropropene

Concen: 8.649 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

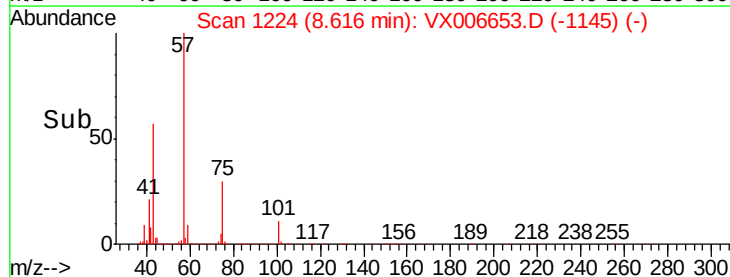
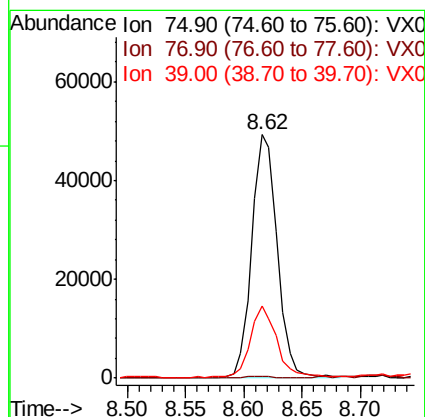
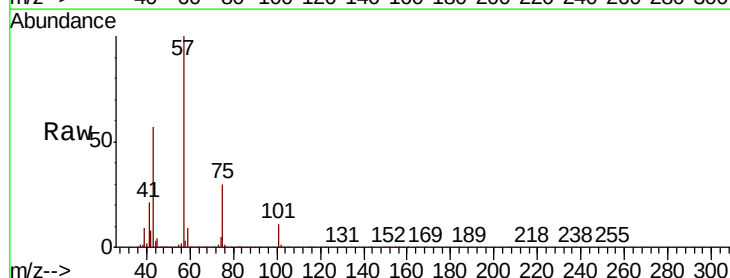
Tgt Ion: 75 Resp: 75340

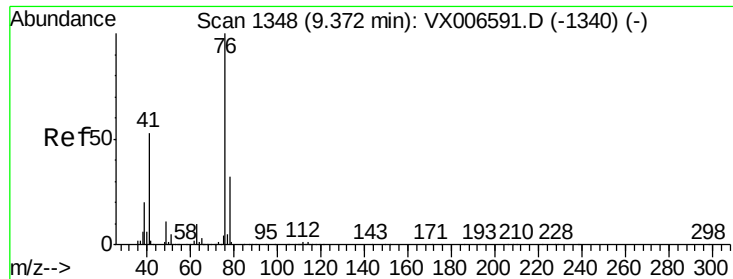
Ion Ratio Lower Upper

75 100

77 0.5 26.2 39.2#

39 29.5 36.7 55.1#





#57

1,3-Dichloropropane

Concen: 1.739 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

Instrument :

MSVOA_X

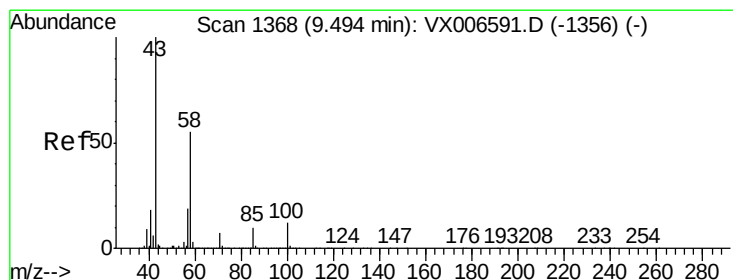
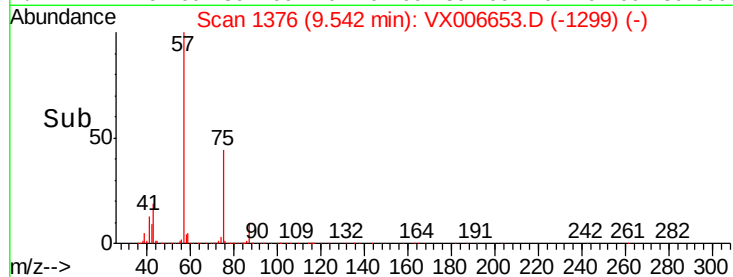
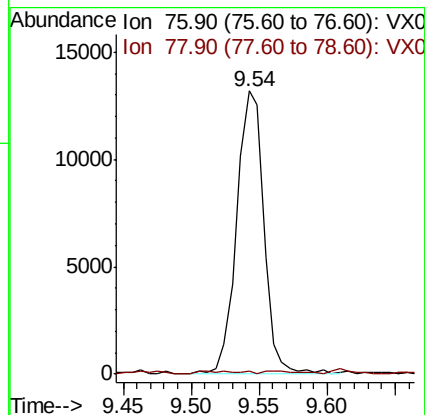
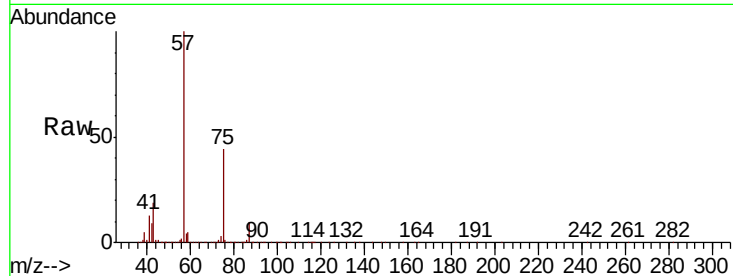
ClientSampleId :

Tot Ion: 76 Resp: 18433

Ion Ratio Lower Upper

76 100

78 1.5 26.0 39.0#



#59

2-Hexanone

Concen: 35.515 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX006653.D

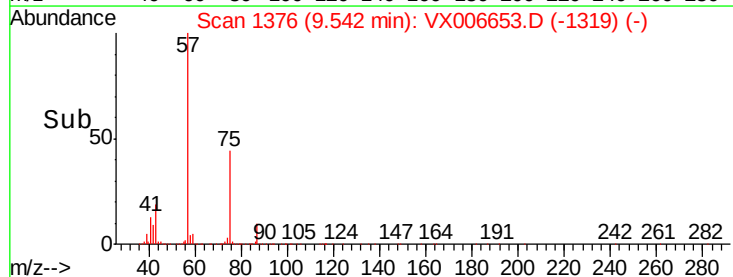
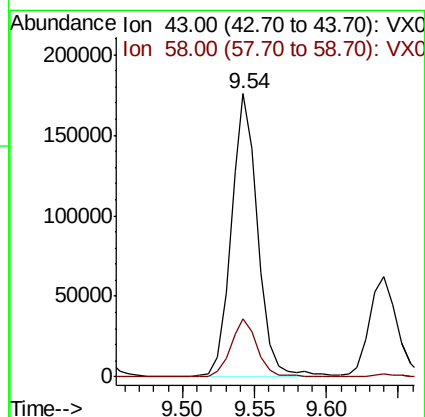
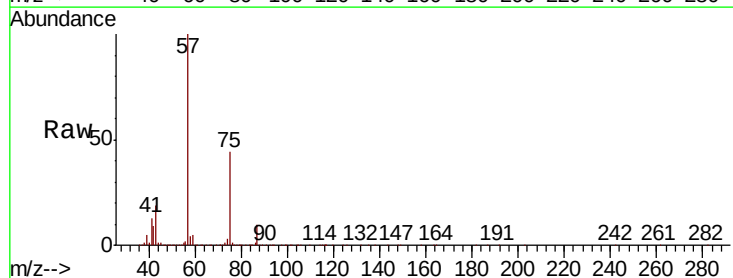
Acq: 19 Dec 2018 22:31

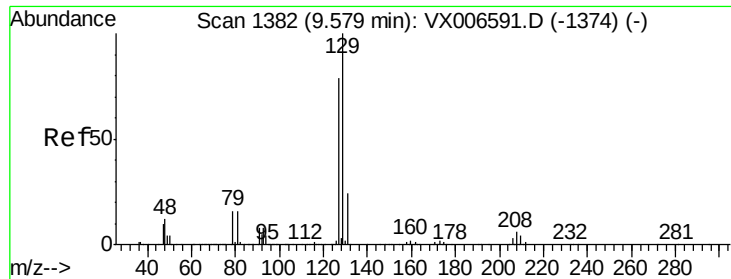
Tgt Ion: 43 Resp: 224379

Ion Ratio Lower Upper

43 100

58 20.4 27.7 83.1#





#60

Dibromochloromethane

Concen: 2.334 ug/l

RT: 9.83 min Scan# 1423

Delta R.T. 0.25 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

Instrument :

MSVOA_X

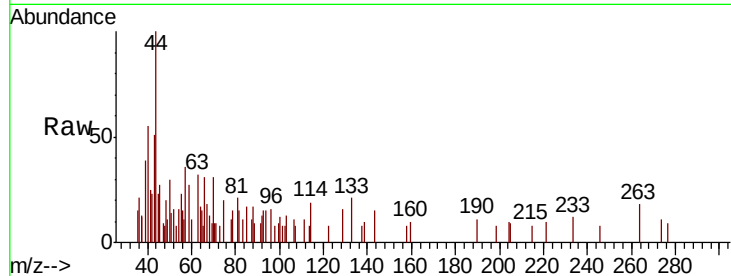
ClientSampled :

Tot Ion:129 Resp: 69

Ion Ratio Lower Upper

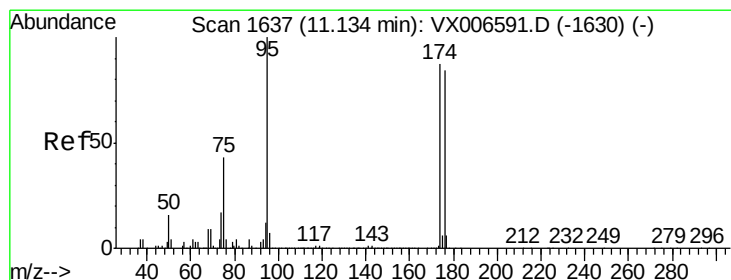
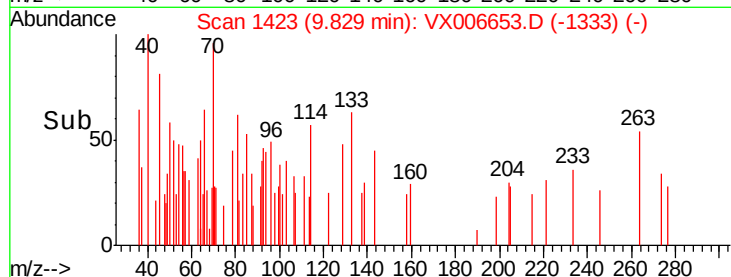
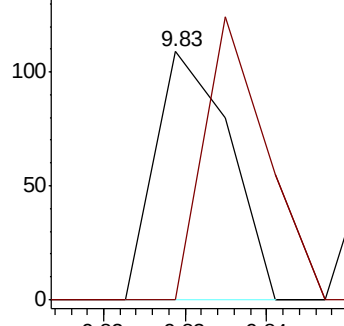
129 100

127 95.7 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: 50.292 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

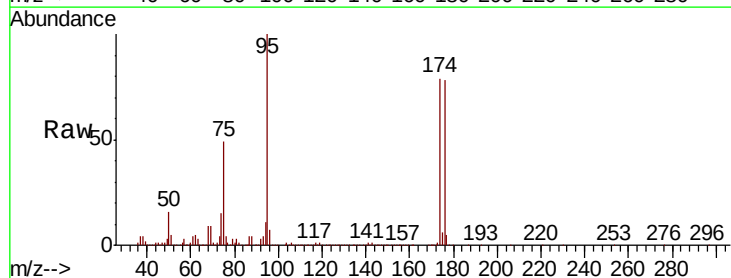
Tgt Ion: 95 Resp: 434486

Ion Ratio Lower Upper

95 100

174 85.7 0.0 182.2

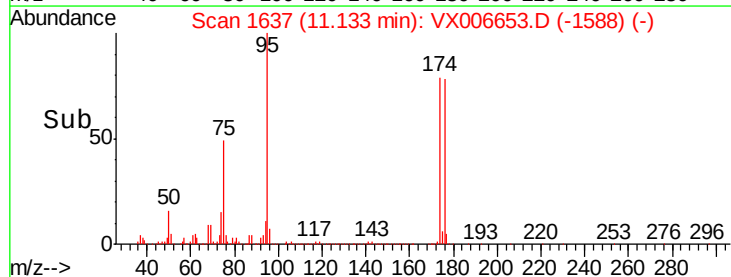
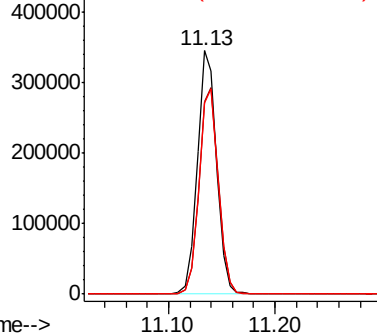
176 85.0 0.0 178.8

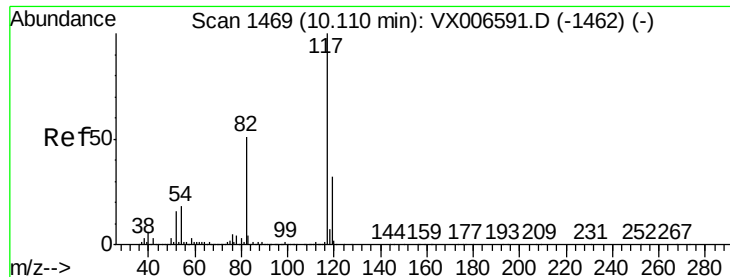


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

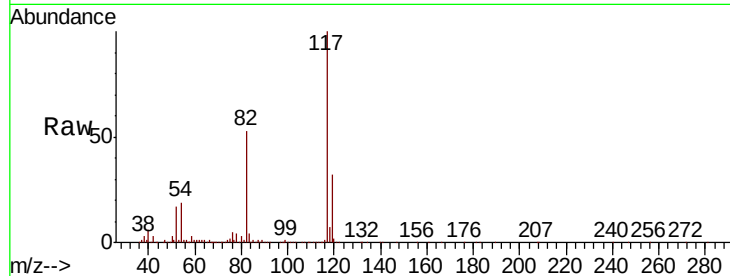




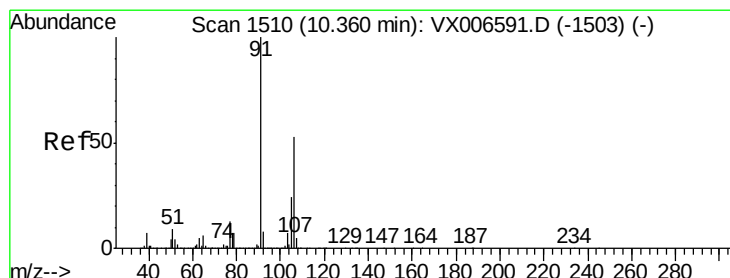
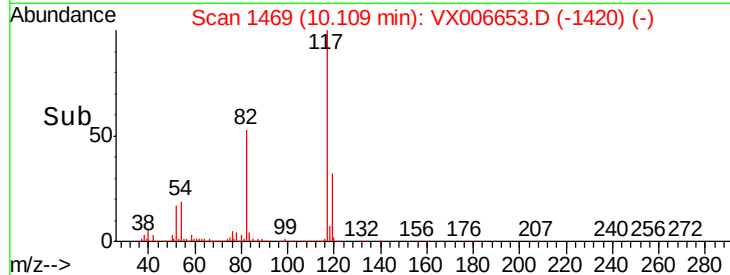
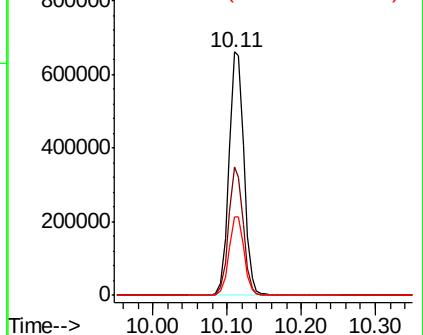
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 933672
Ion Ratio Lower Upper
117 100
82 52.7 41.0 61.6
119 32.2 25.4 38.0

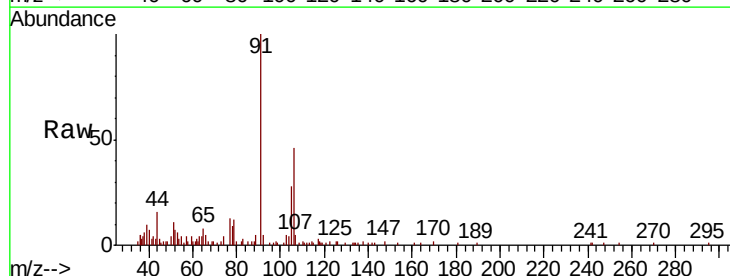


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

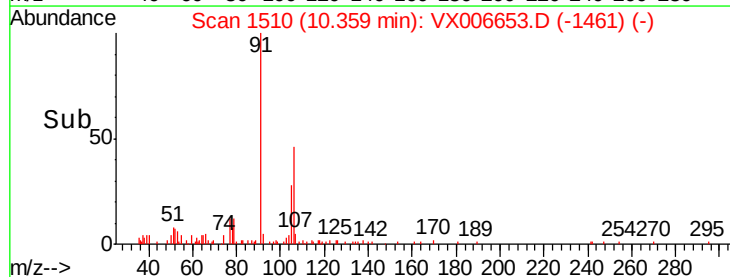
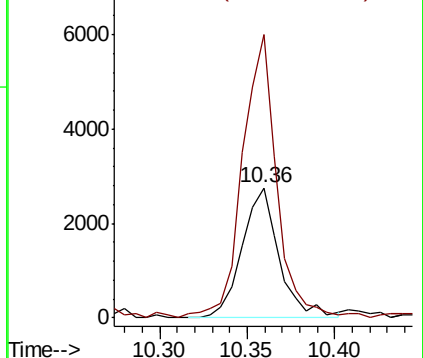


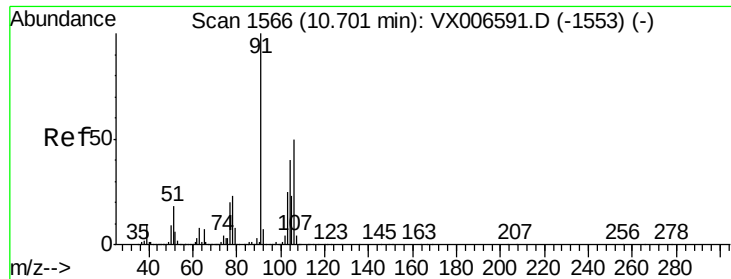
#68
m/p-Xylenes
Concen: 0.319 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

Tgt Ion:106 Resp: 4062
Ion Ratio Lower Upper
106 100
91 201.3 155.8 233.6



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

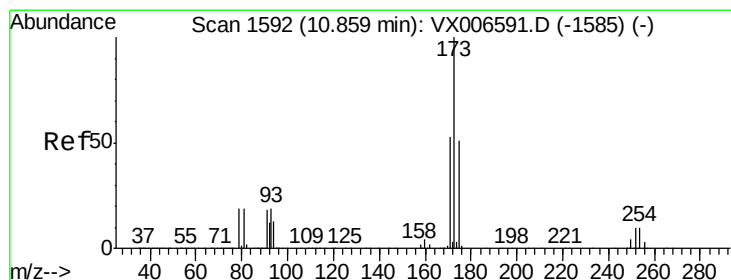
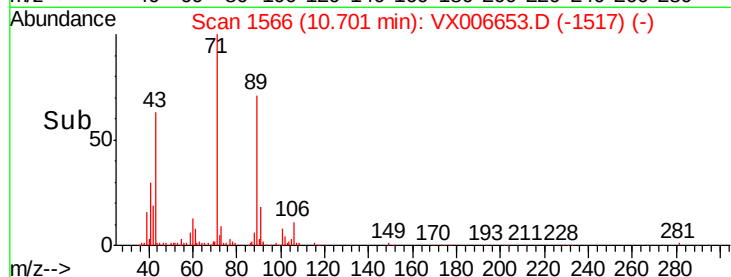
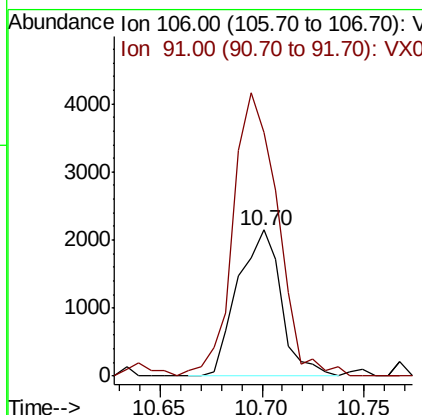
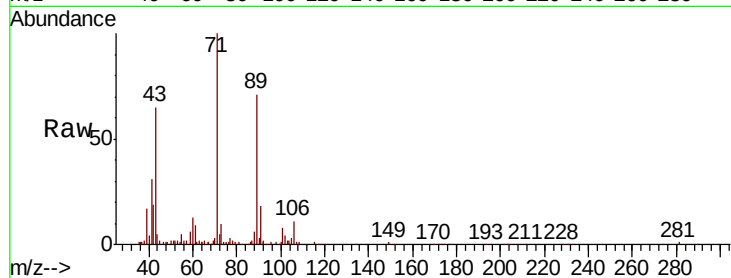




#69
o-Xylene
Concen: 0.253 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

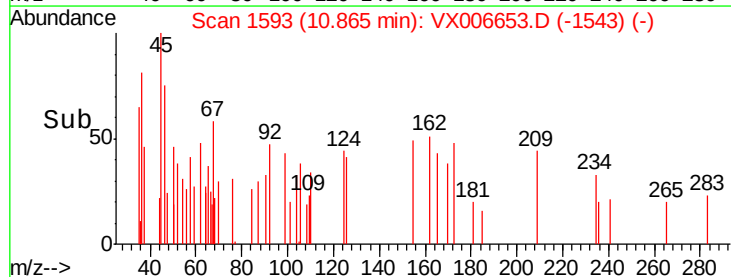
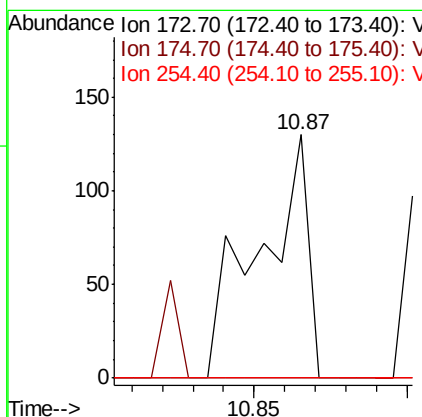
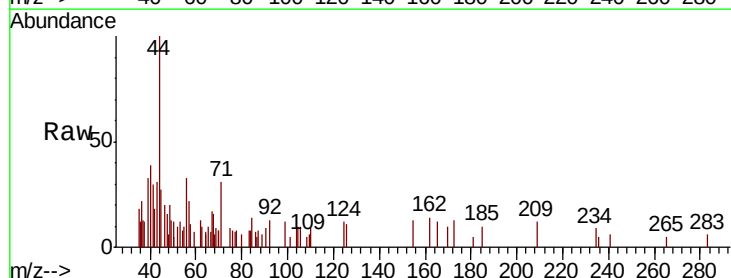
Instrument :
MSVOA_X
ClientSampleId :

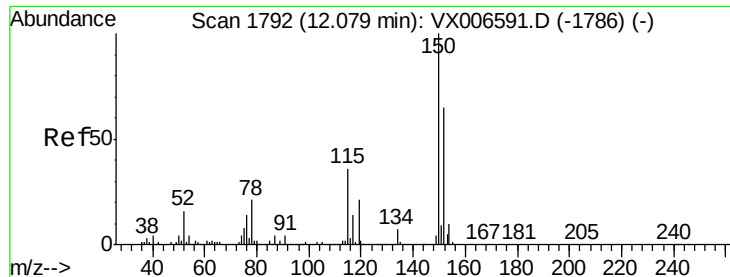
Tot Ion:106 Resp: 3177
Ion Ratio Lower Upper
106 100
91 198.6 101.3 303.7



#71
Bromoform
Concen: 4.484 ug/l
RT: 10.87 min Scan# 1593
Delta R.T. 0.01 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

Tgt Ion:173 Resp: 145
Ion Ratio Lower Upper
173 100
175 0.0 24.7 74.1#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

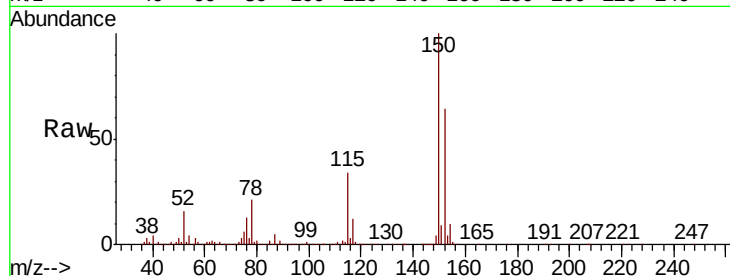
Tot Ion:152 Resp: 443335

Ion Ratio Lower Upper

152 100

115 56.0 39.1 117.2

150 156.6 0.0 344.8

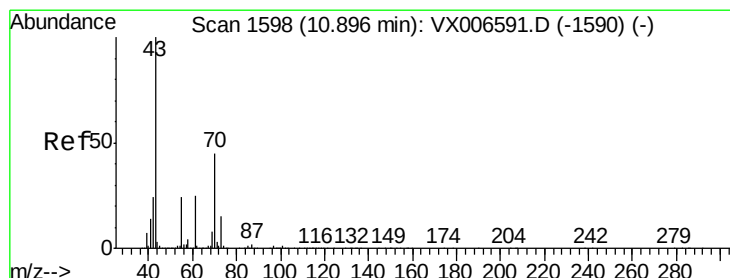
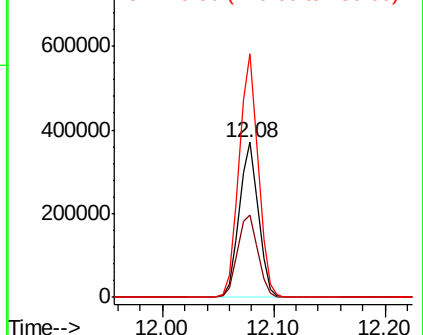
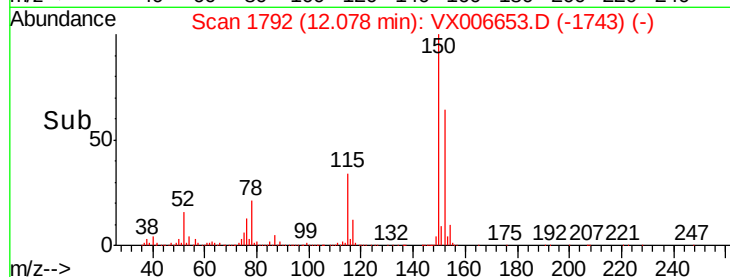


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-amil acetate

Concen: 1.959 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

Tgt Ion: 43 Resp: 21267

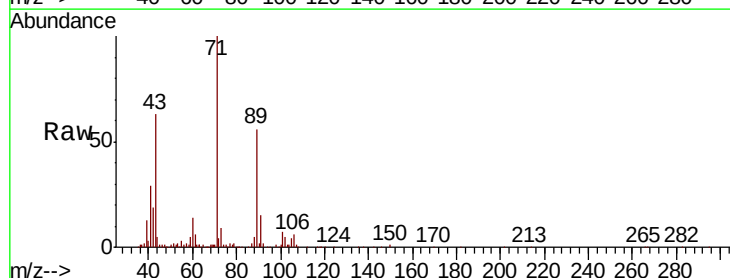
Ion Ratio Lower Upper

43 100

70 3.7 35.8 53.8#

55 5.5 19.4 29.0#

61 12.5 20.1 30.1#



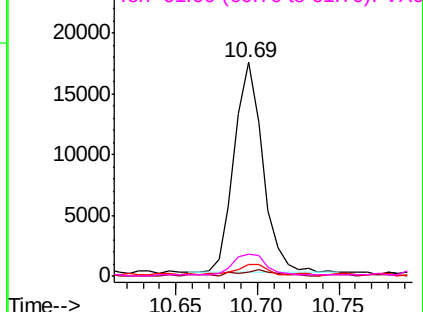
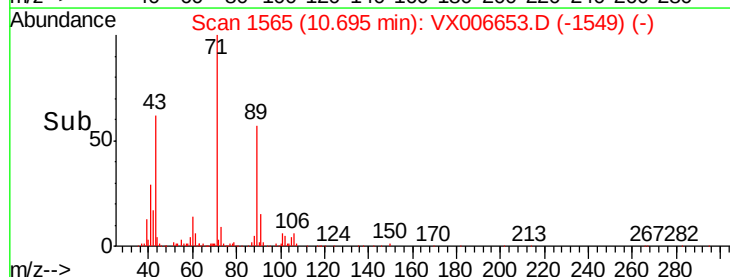
Abundance

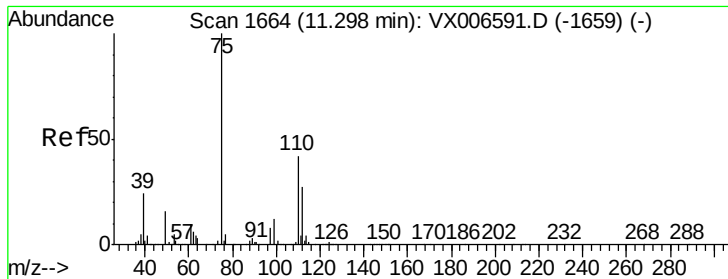
Ion 43.00 (42.70 to 43.70): VX0

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



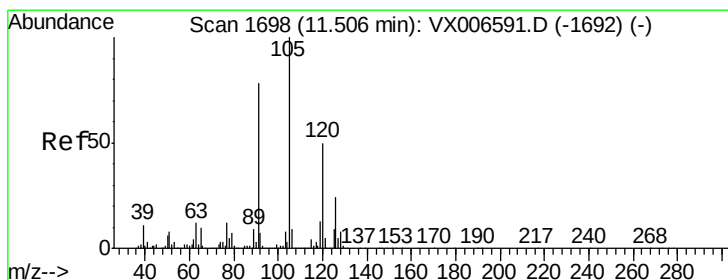
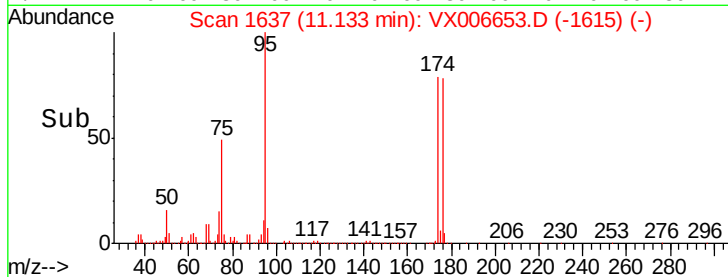
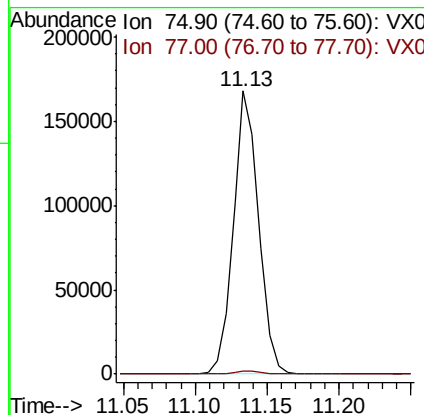
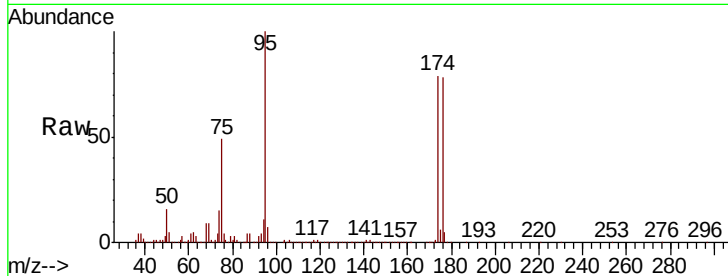


#76

1,2,3-Trichloropropane
Concen: 24.958 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :

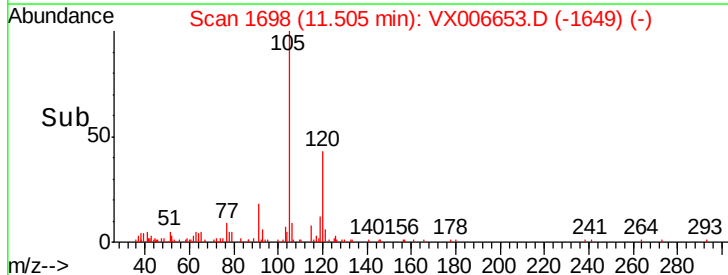
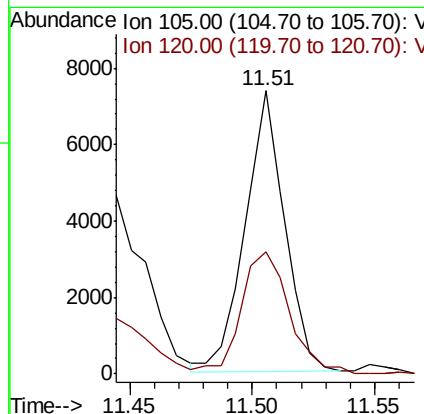
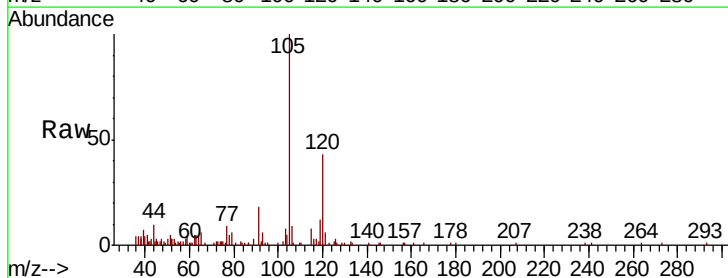
Tot Ion: 75 Resp: 205629
Ion Ratio Lower Upper
75 100
77 1.3 18.5 55.5#

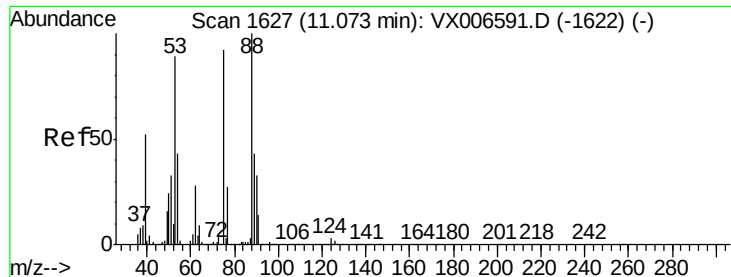


#80

1,3,5-Trimethylbenzene
Concen: 0.329 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX006653.D
Acq: 19 Dec 2018 22:31

Tgt Ion: 105 Resp: 8229
Ion Ratio Lower Upper
105 100
120 53.6 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 73.757 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

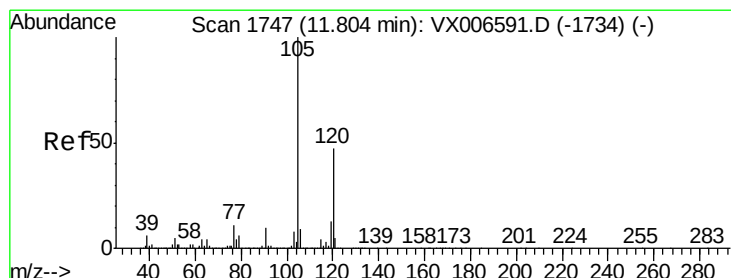
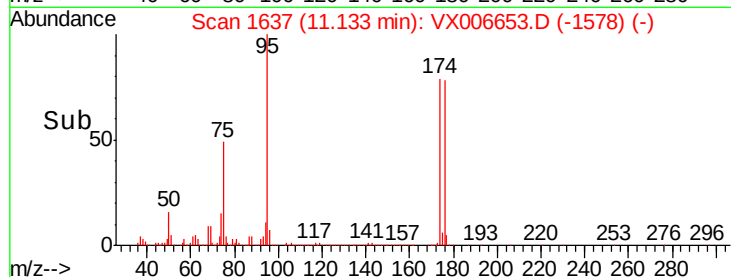
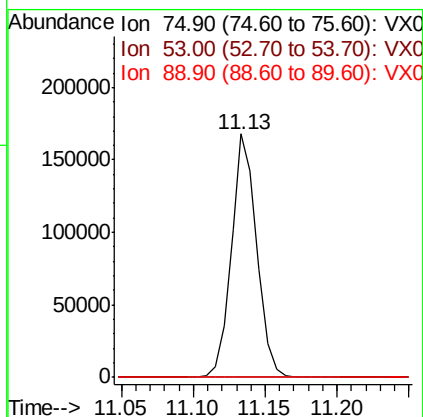
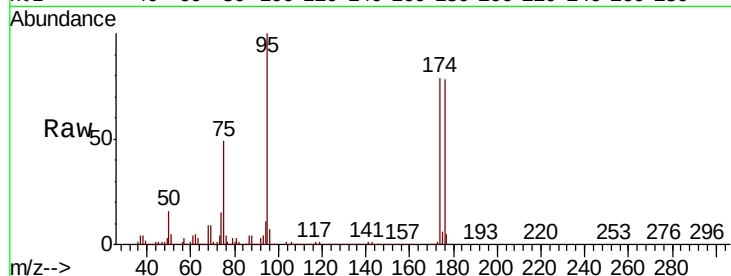
Tot Ion: 75 Resp: 205629

Ion Ratio Lower Upper

75 100

53 0.2 79.7 119.5#

89 0.1 38.0 57.0#



#84

1,2,4-Trimethylbenzene

Concen: 0.789 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006653.D

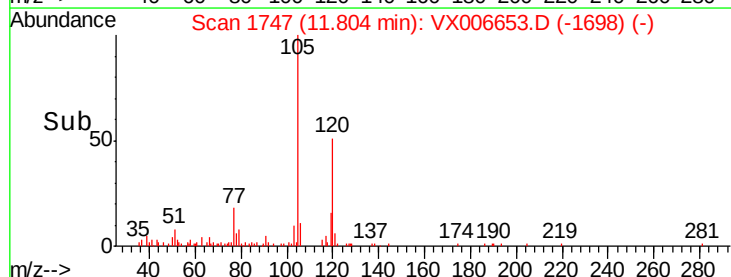
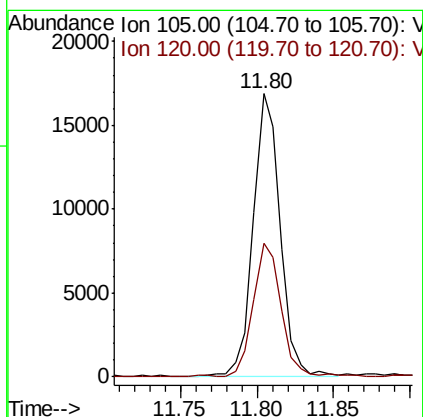
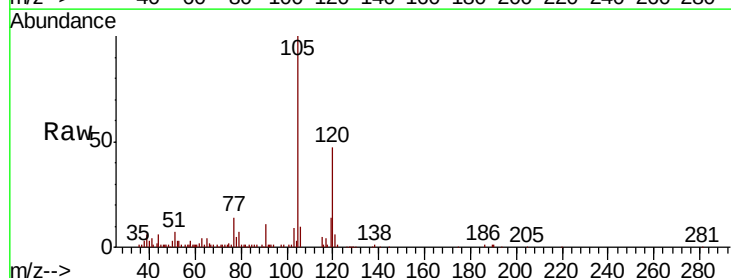
Acq: 19 Dec 2018 22:31

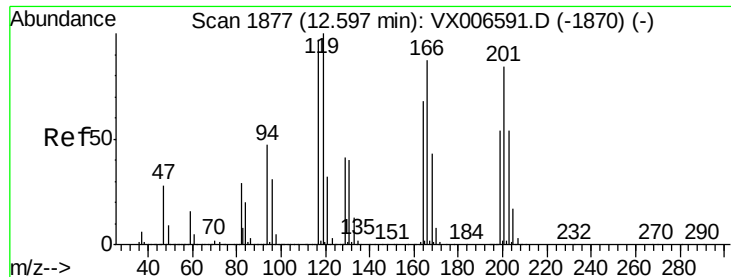
Tgt Ion: 105 Resp: 20736

Ion Ratio Lower Upper

105 100

120 49.4 23.2 69.6





#90

Hexachloroethane

Concen: 3.406 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

Instrument :

MSVOA_X

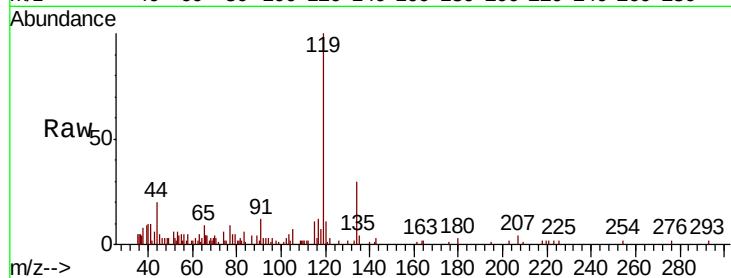
ClientSampleId :

Tot Ion:117 Resp: 507

Ion Ratio Lower Upper

117 100

201 5.3 42.9 128.7#

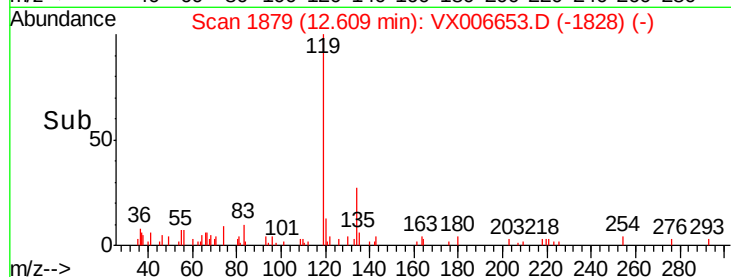


Abundance Ion 116.80 (116.50 to 117.50): V

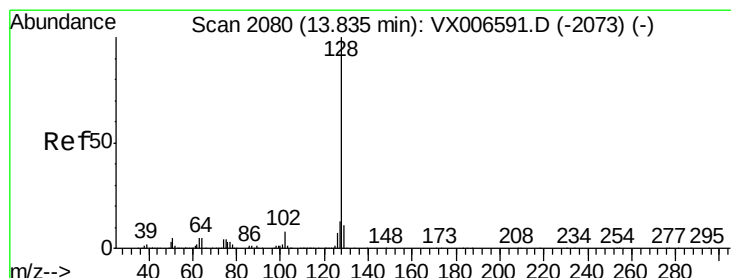
Ion 200.70 (200.40 to 201.40): V

12.61

Time-->



Time-->



#95

Naphthalene

Concen: 1.524 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006653.D

Acq: 19 Dec 2018 22:31

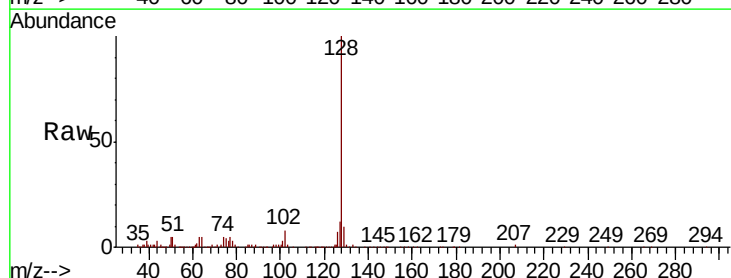
Tgt Ion:128 Resp: 49597

Ion Ratio Lower Upper

128 100

127 14.1 10.1 15.1

129 10.8 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

13.83

Time-->

