

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006800.D
 Acq On : 24 Dec 2018 17:31
 Operator : JC/MD
 Sample : J6548-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 G-B

Quant Time: Dec 25 01:24:31 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	5.67	168	744999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1095075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1004633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	506138	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	367962	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	
35) Dibromofluoromethane	5.50	113	319816	46.18	ug/l	0.00
Spiked Amount			Recovery	=	92.36%	
50) Toluene-d8	8.71	98	1301950	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.13	95	471199	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	

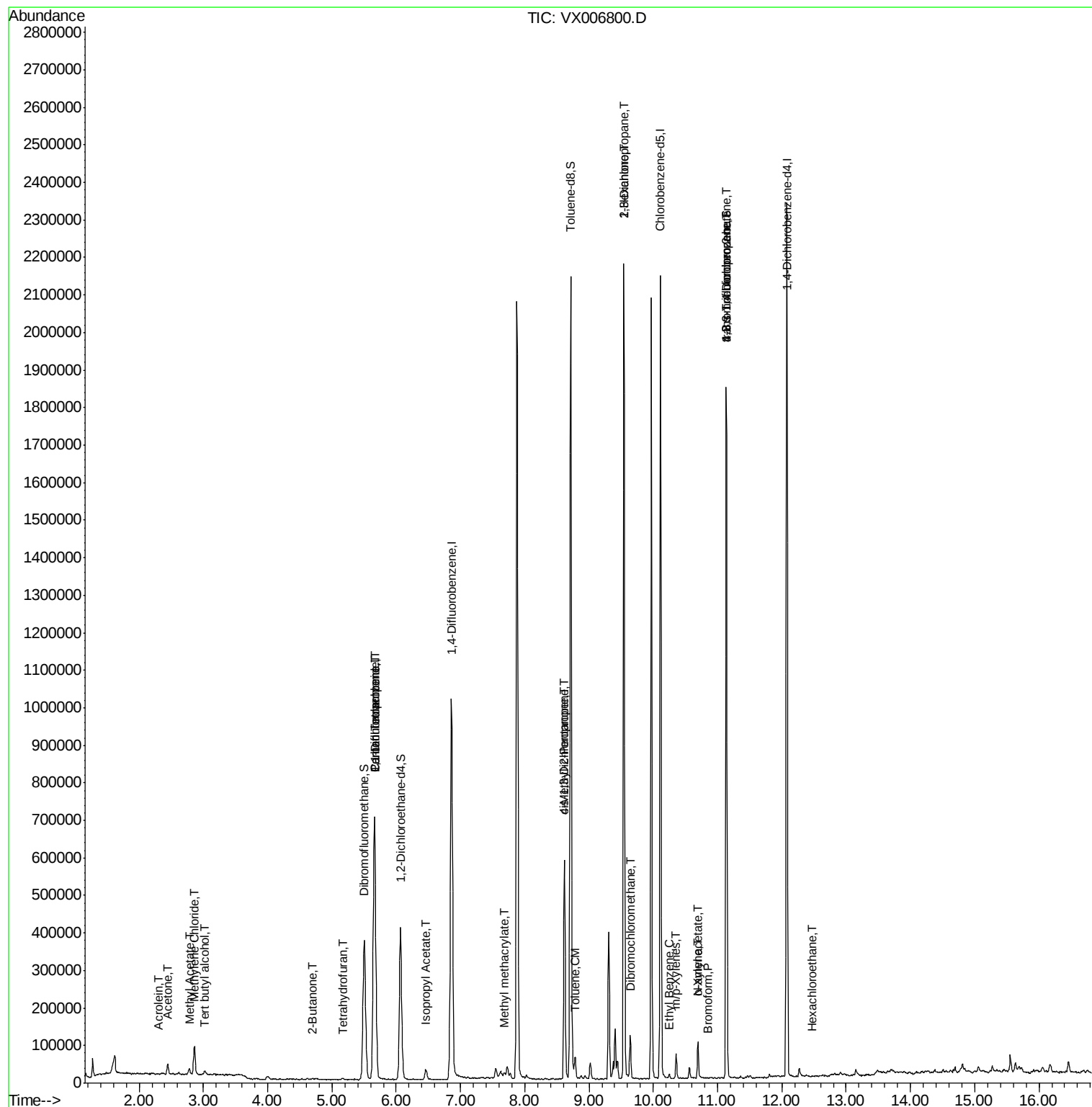
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	950	Below Cal	#	74
11) Tert butyl alcohol	3.02	59	5613	3.132	ug/l #	87
13) Acrolein	2.29	56	287	0.237	ug/l #	13
16) Acetone	2.45	43	29285	7.939	ug/l	93
18) Methyl Acetate	2.78	43	21120	1.947	ug/l	96
20) Methylene Chloride	2.86	84	36130	4.736	ug/l	96
25) 2-Butanone	4.70	43	3243	0.625	ug/l	93
28) Bromochloromethane	5.01	49	289	Below Cal	#	20
29) Tetrahydrofuran	5.16	42	2819	0.825	ug/l #	58
36) 1,1-Dichloropropene	5.67	75	46525	5.130	ug/l #	49
38) Carbon Tetrachloride	5.67	117	65202	7.397	ug/l #	16
43) Isopropyl Acetate	6.46	43	35600	2.479	ug/l	98
48) Methyl methacrylate	7.68	41	20059	2.746	ug/l #	24
49) 1,4-Dioxane	7.76	88	55	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.62	43	192145	21.025	ug/l #	48
52) Toluene	8.79	92	18985	1.066	ug/l	96
54) cis-1,3-Dichloropropene	8.62	75	96078	9.965	ug/l #	62
57) 1,3-Dichloropropane	9.54	76	18895	1.611	ug/l #	44
59) 2-Hexanone	9.54	43	244944	35.030	ug/l #	51
60) Dibromochloromethane	9.63	129	115	2.339	ug/l	96
67) Ethyl Benzene	10.25	91	7283	0.210	ug/l	95
68) m/p-Xylenes	10.36	106	16292	1.189	ug/l	92
69) o-Xylene	10.70	106	3069	0.227	ug/l	94
71) Bromoform	10.85	173	149	4.483	ug/l #	28
74) N-amyl acetate	10.69	43	20404	1.646	ug/l #	53
76) 1,2,3-Trichloropropane	11.13	75	224139	23.829	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	224139	70.612	ug/l #	10
90) Hexachloroethane	12.47	117	164	3.325	ug/l	58

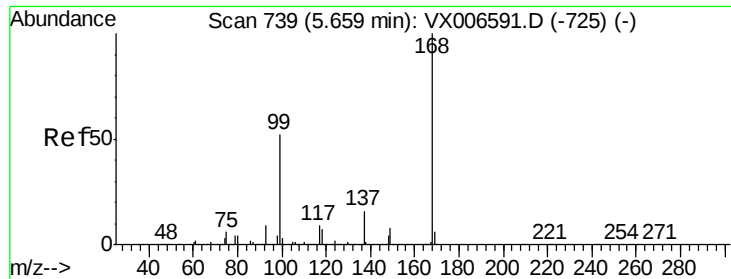
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122418\
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ClientSampled :
G-B

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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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

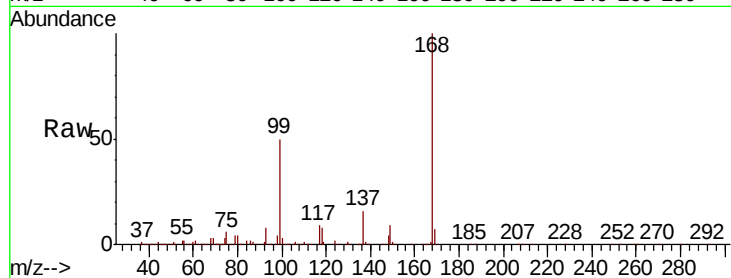
G-B

Tot Ion:168 Resp: 744999

Ion Ratio Lower Upper

168 100

99 50.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

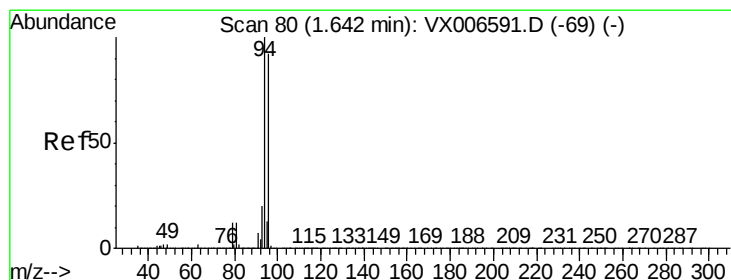
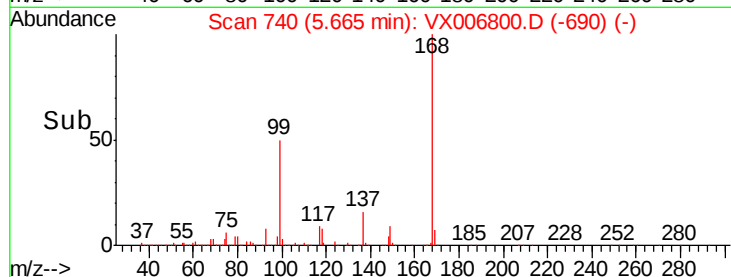
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006800.D

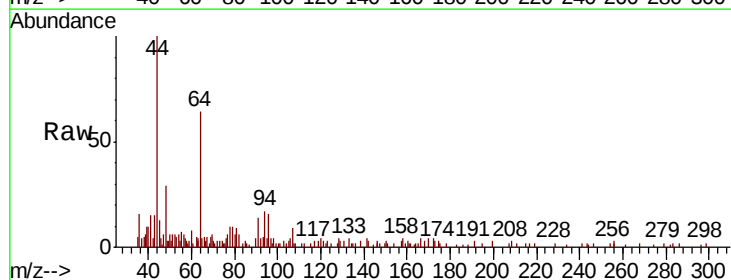
Acq: 24 Dec 2018 17:31

Tgt Ion: 94 Resp: 950

Ion Ratio Lower Upper

94 100

96 116.5 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

800

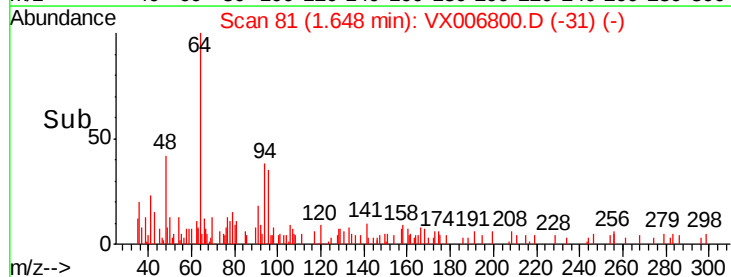
600

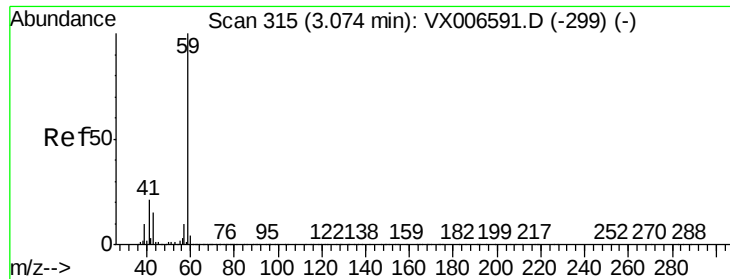
400

200

0

Time--> 1.62 1.64 1.66 1.68

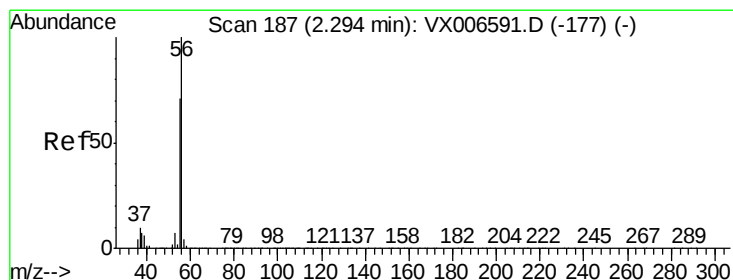
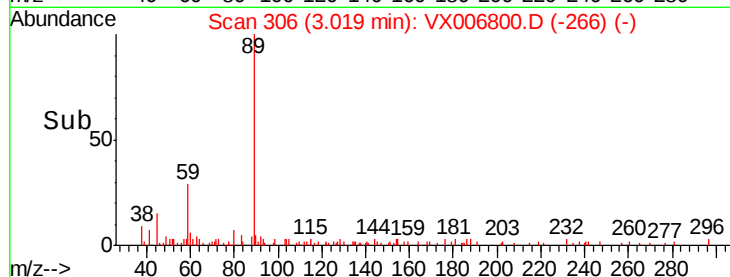
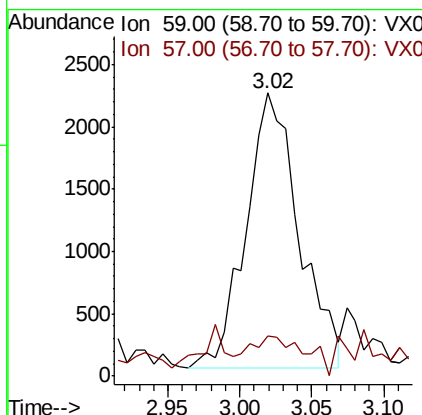
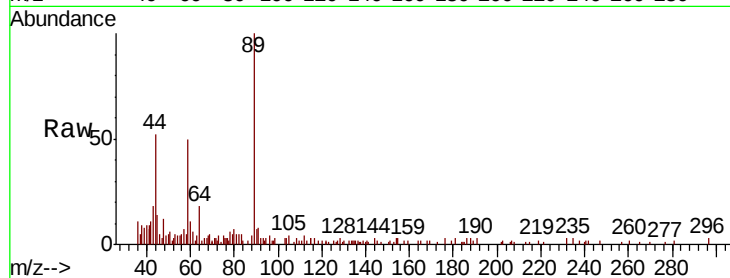




#11
Tert butyl alcohol
Concen: 3.132 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006800.D
Acq: 24 Dec 2018 17:31

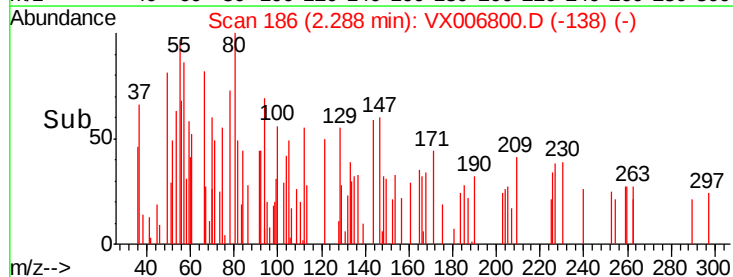
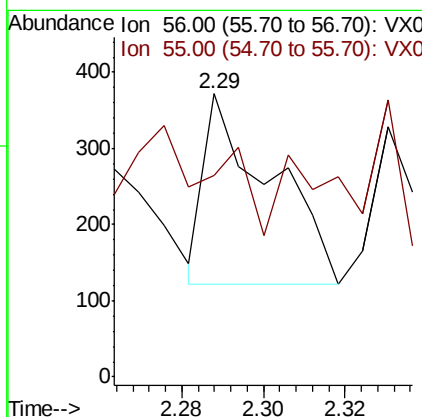
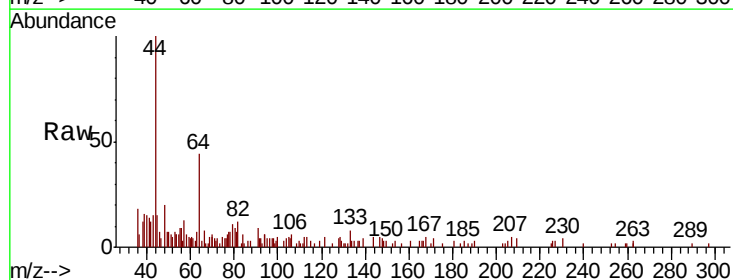
Instrument :
MSVOA_X
ClientSampled :
G-B

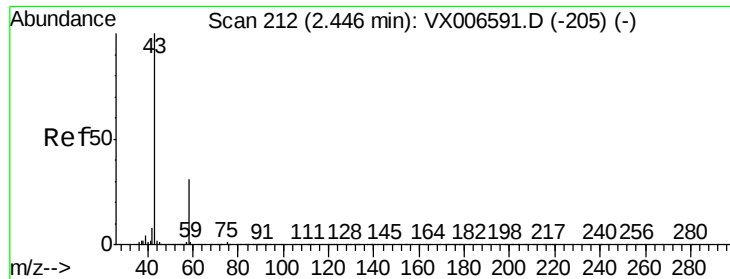
Tot Ion: 59 Resp: 5613
Ion Ratio Lower Upper
59 100
57 15.6 8.5 12.7#



#13
Acrolein
Concen: 0.237 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX006800.D
Acq: 24 Dec 2018 17:31

Tgt Ion: 56 Resp: 287
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.4#

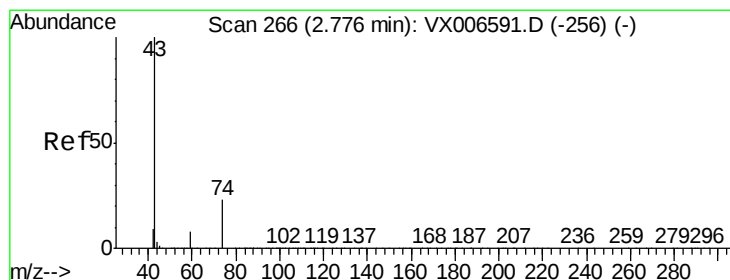
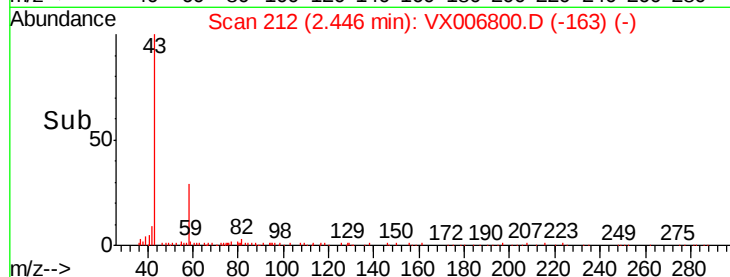
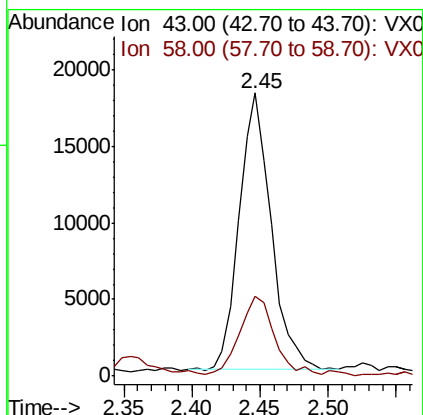
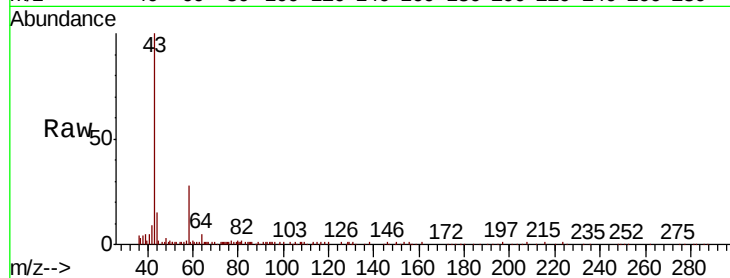




#16
Acetone
Concen: 7.939 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006800.D
Acq: 24 Dec 2018 17:31

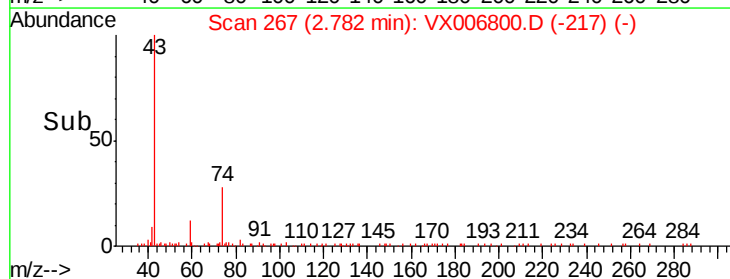
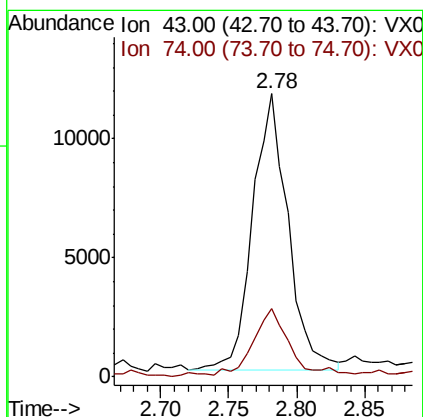
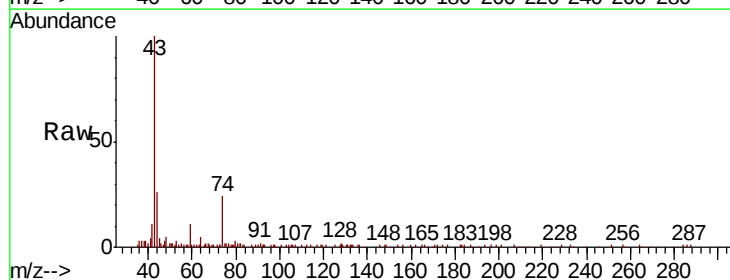
Instrument :
MSVOA_X
ClientSampleId :
G-B

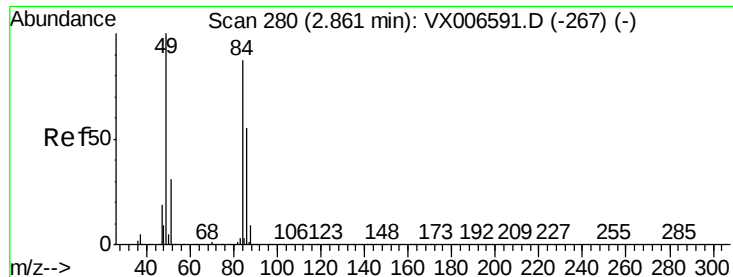
Tot Ion: 43 Resp: 29285
Ion Ratio Lower Upper
43 100
58 27.2 25.0 37.6



#18
Methyl Acetate
Concen: 1.947 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006800.D
Acq: 24 Dec 2018 17:31

Tgt Ion: 43 Resp: 21120
Ion Ratio Lower Upper
43 100
74 25.1 18.6 28.0

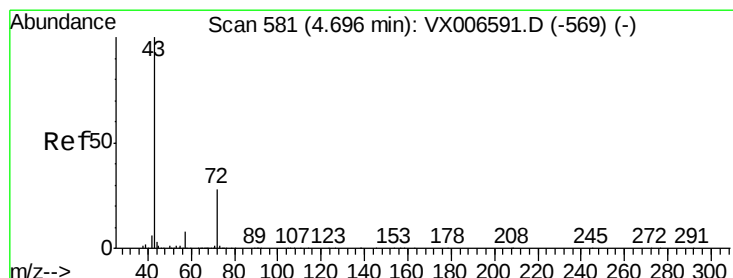
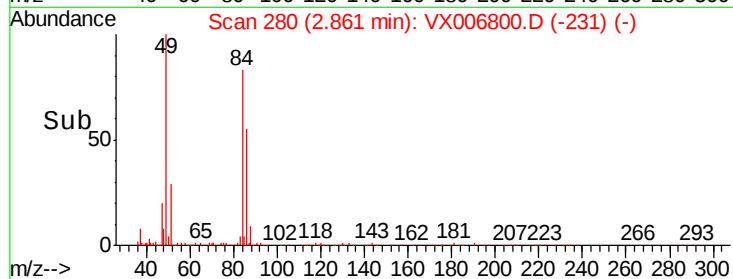
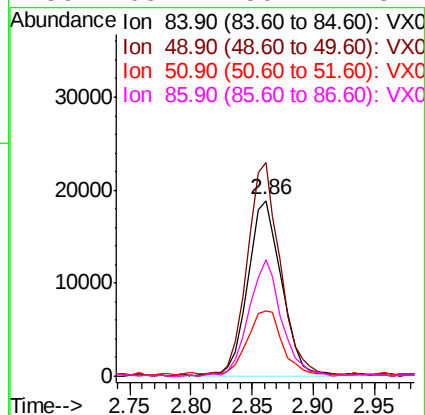
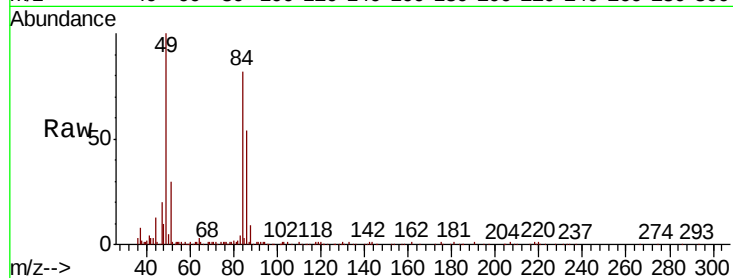




#20
Methvlene Chloride
Concen: 4.736 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006800.D
Acq: 24 Dec 2018 17:31

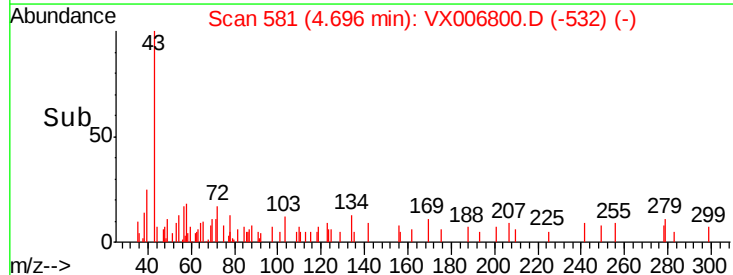
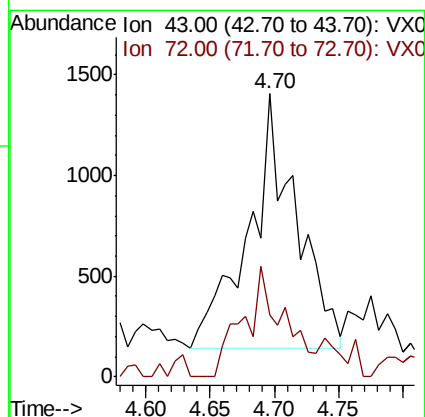
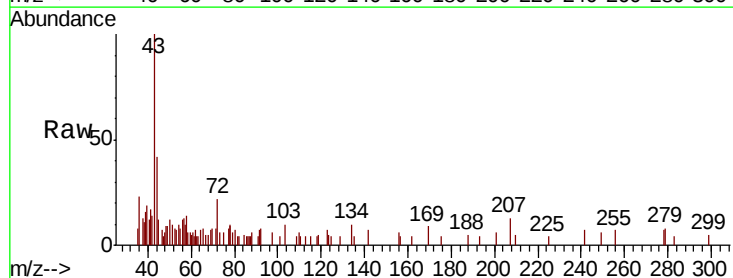
Instrument :
MSVOA_X
ClientSampleId :
G-B

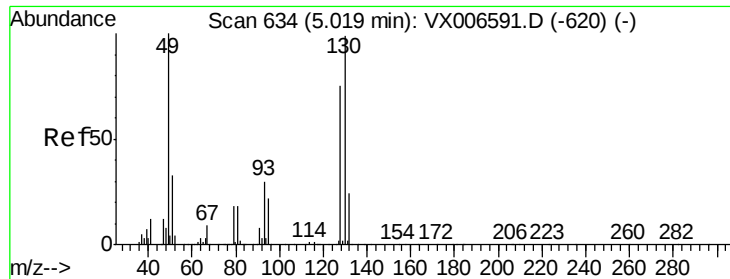
Tot Ion:	84	Resp:	36130
Ion	Ratio	Lower	Upper
84	100		
49	121.2	91.8	137.6
51	35.8	28.5	42.7
86	65.4	50.2	75.2



#25
2-Butanone
Concen: 0.625 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006800.D
Acq: 24 Dec 2018 17:31

Tgt Ion:	43	Resp:	3243
Ion	Ratio	Lower	Upper
43	100		
72	24.4	22.4	33.6





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampled :

G-B

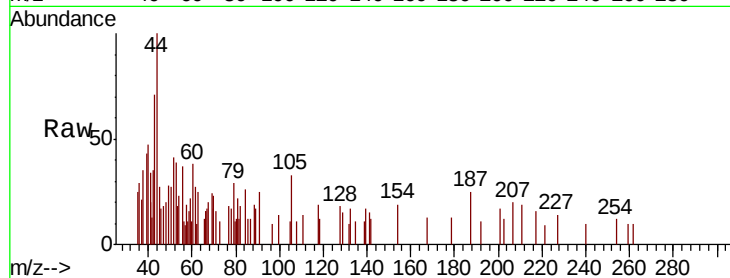
Tot Ion: 49 Resp: 289

Ion Ratio Lower Upper

49 100

129 35.6 0.0 5.4#

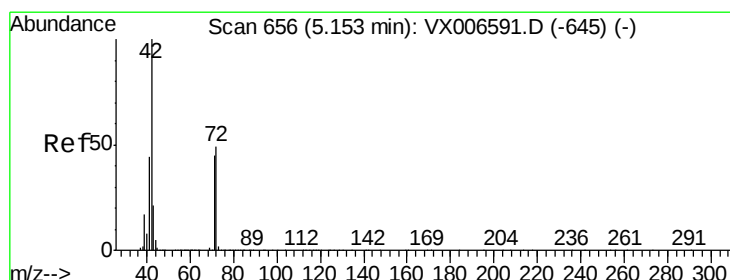
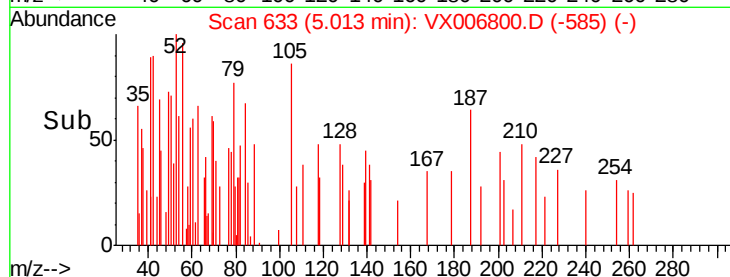
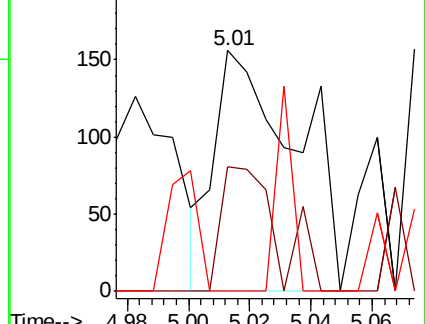
130 18.7 77.7 116.5#



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: 0.825 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

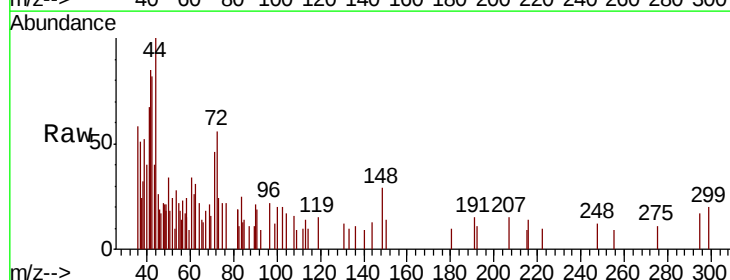
Tgt Ion: 42 Resp: 2819

Ion Ratio Lower Upper

42 100

72 23.2 38.9 58.3#

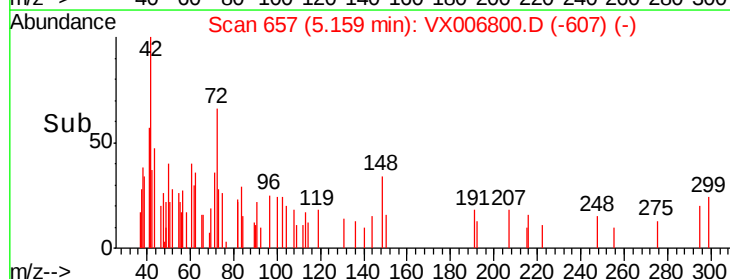
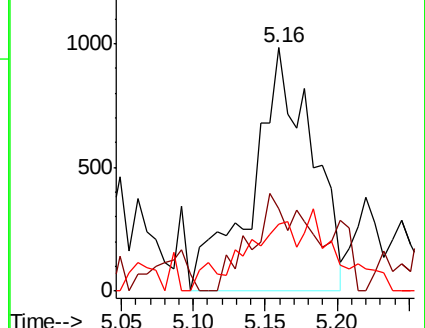
71 15.1 36.2 54.4#

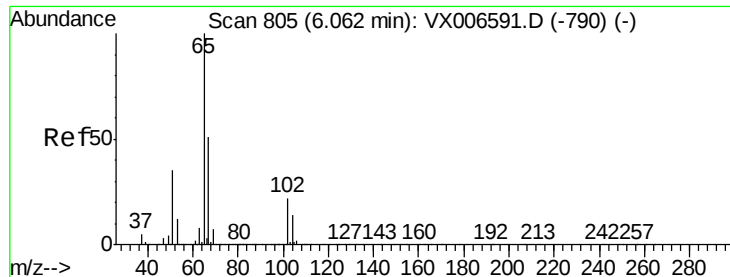


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

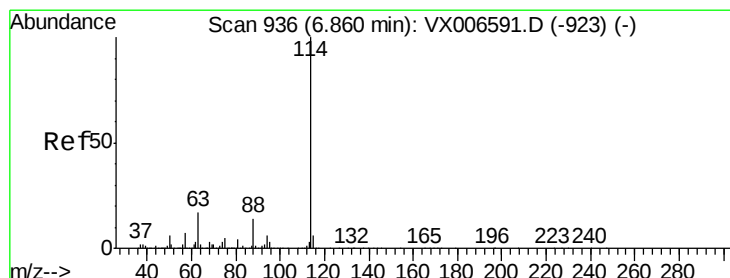
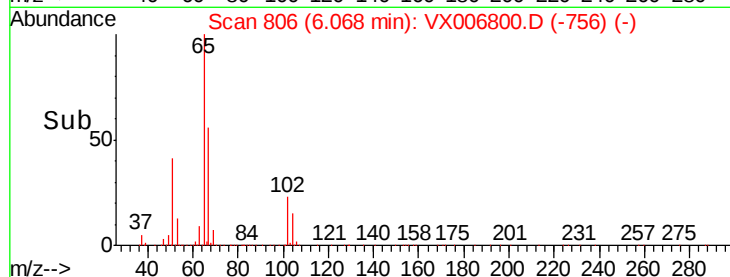
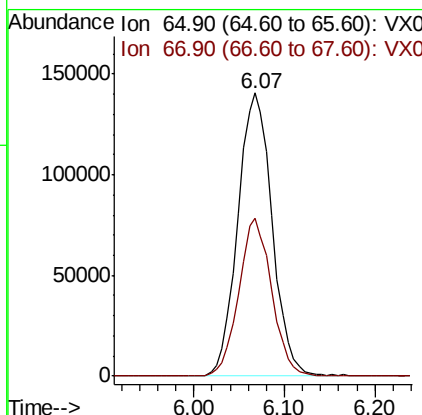
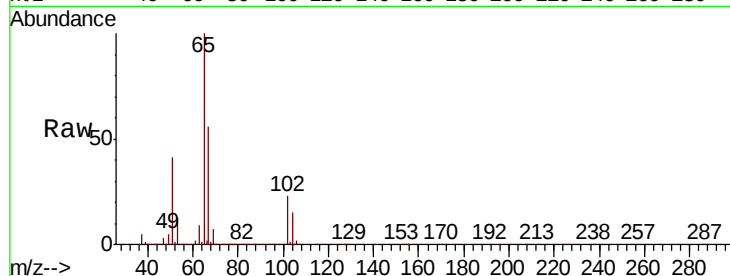




#33
 1,2-Dichloroethane-d4
 Concen: 45.828 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006800.D
 Acq: 24 Dec 2018 17:31

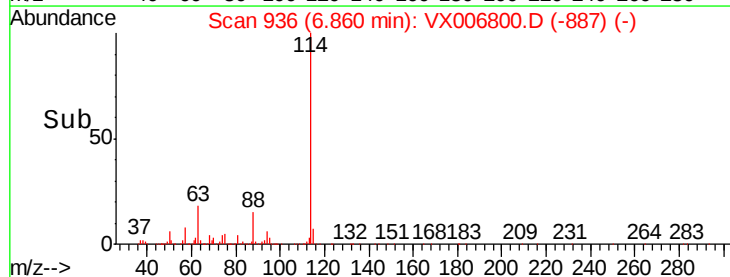
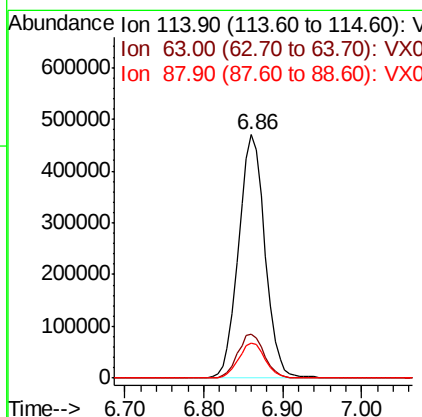
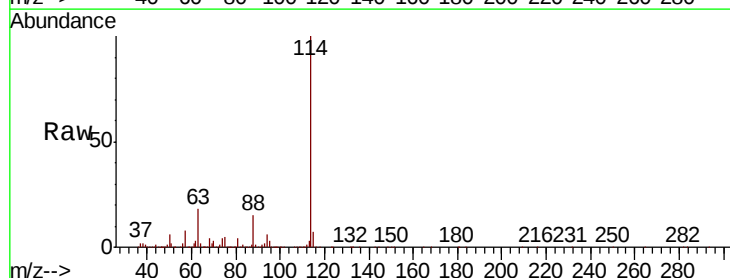
Instrument :
 MSVOA_X
 ClientSampleId :
 G-B

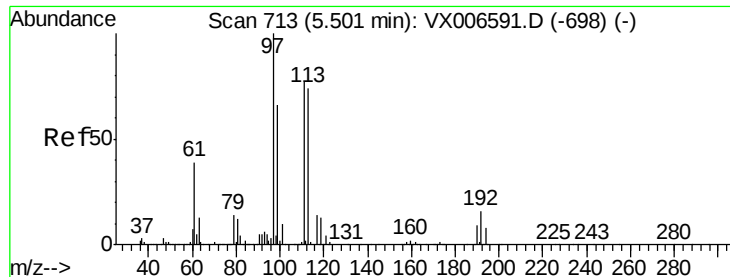
Tot Ion: 65 Resp: 367962
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006800.D
 Acq: 24 Dec 2018 17:31

Tgt Ion: 114 Resp: 1095075
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.8
 88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.182 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

G-B

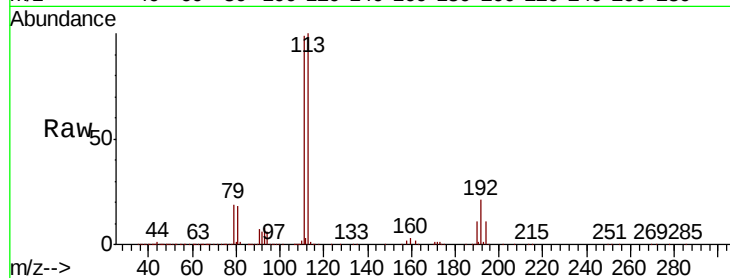
Tot Ion:113 Resp: 319816

Ion Ratio Lower Upper

113 100

111 100.9 81.6 122.4

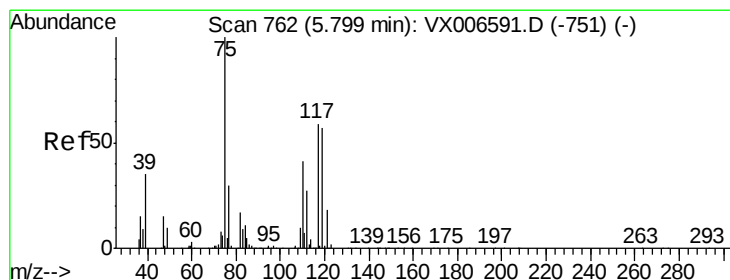
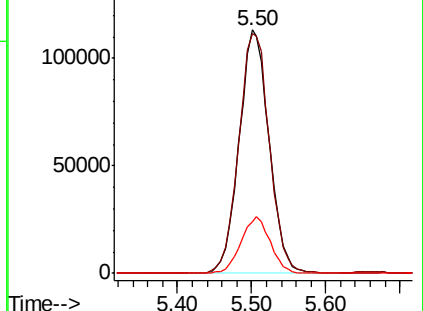
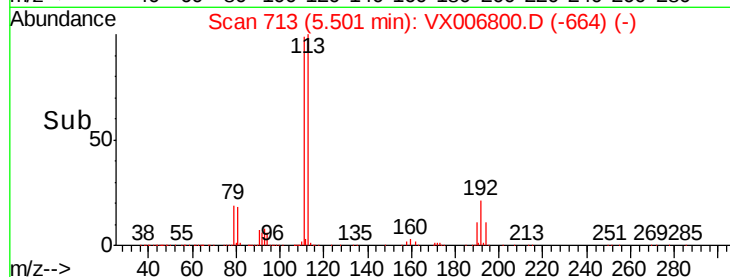
192 22.7 16.7 25.1



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: 5.130 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

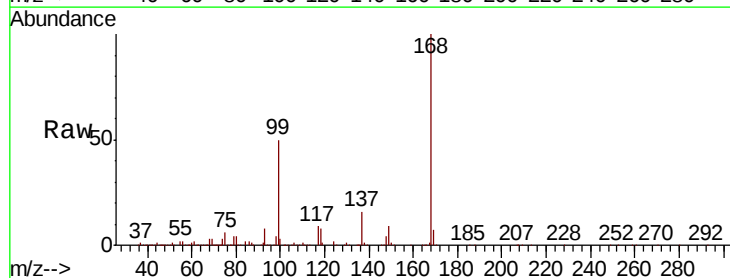
Tgt Ion: 75 Resp: 46525

Ion Ratio Lower Upper

75 100

110 10.6 20.2 60.5#

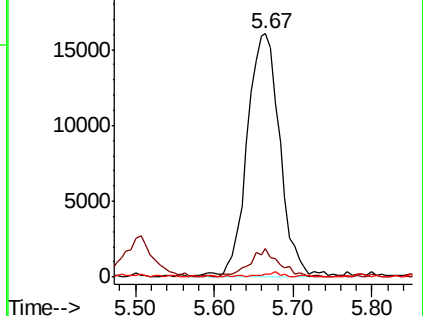
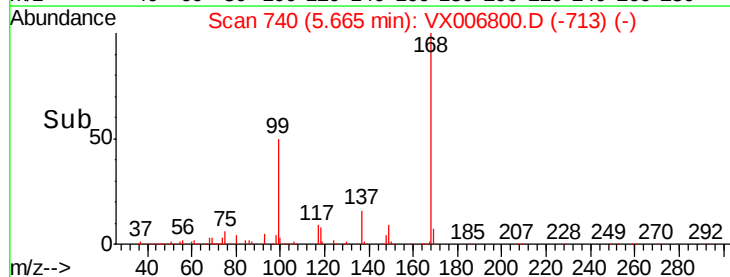
77 0.9 24.8 37.2#

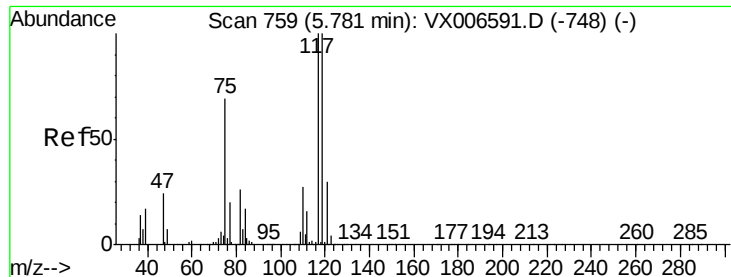


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.397 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

G-B

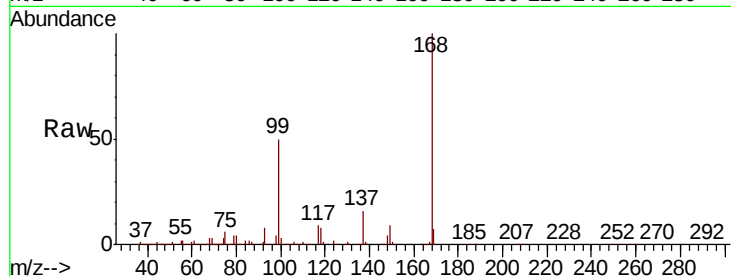
Tot Ion:117 Resp: 65202

Ion Ratio Lower Upper

117 100

119 6.7 79.4 119.2#

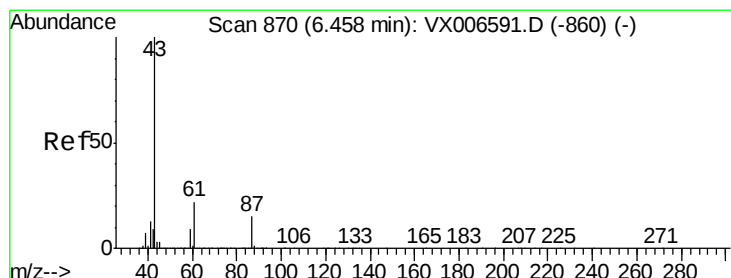
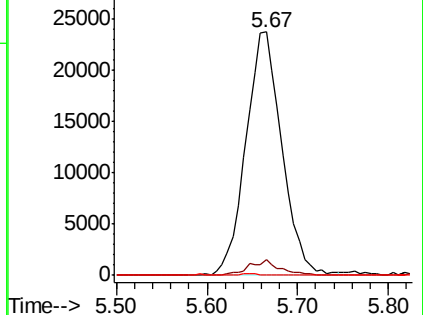
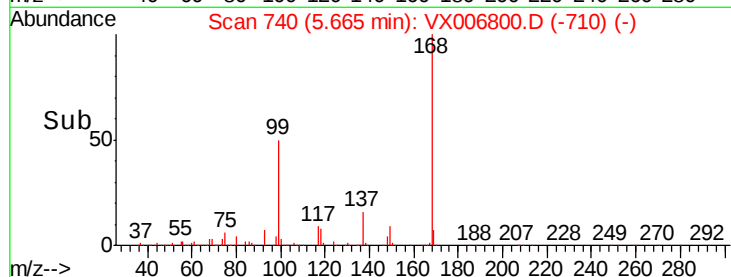
121 0.0 24.0 36.0#



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



#43

Isopropyl Acetate

Concen: 2.479 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

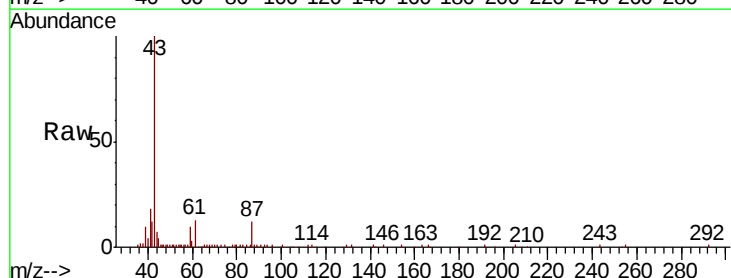
Tgt Ion: 43 Resp: 35600

Ion Ratio Lower Upper

43 100

61 20.3 16.8 25.2

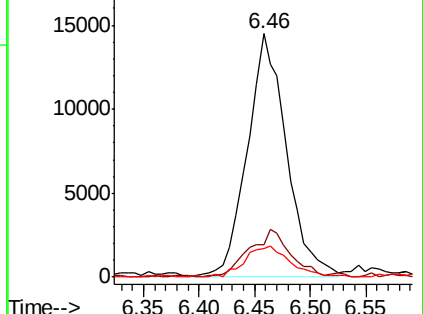
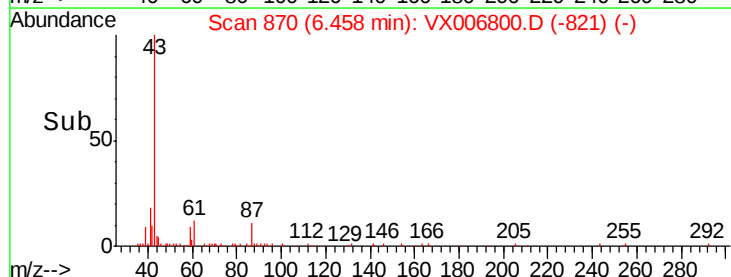
87 14.7 12.4 18.6

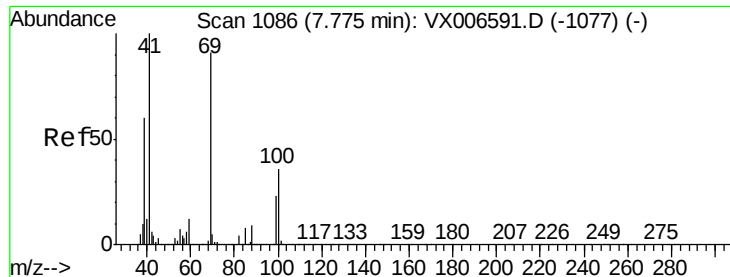


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

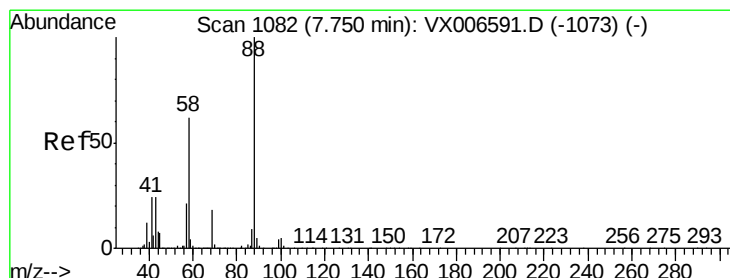
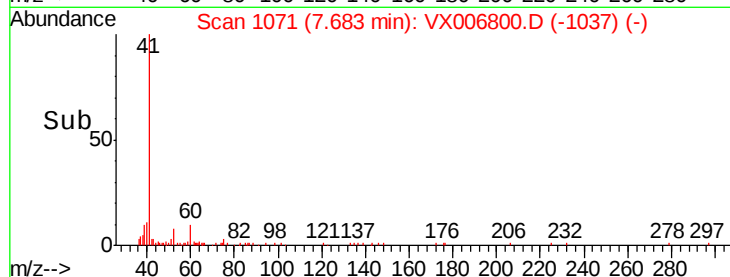
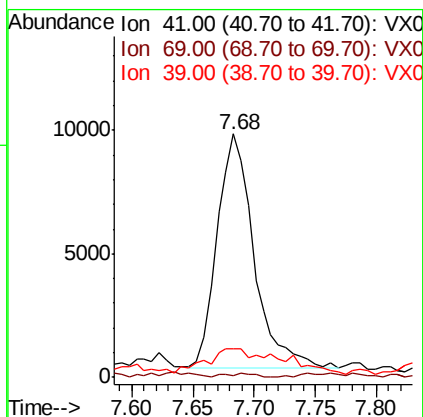
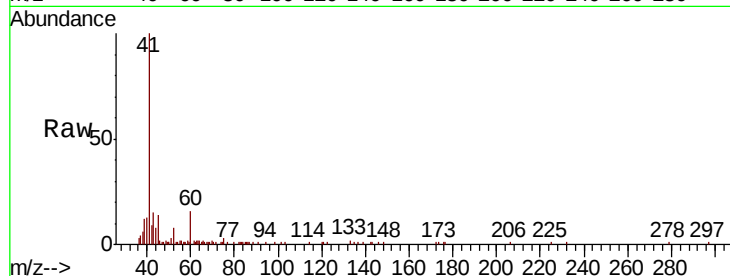




#48
Methvl methacrylate
Concen: 2.746 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX006800.D
Acq: 24 Dec 2018 17:31

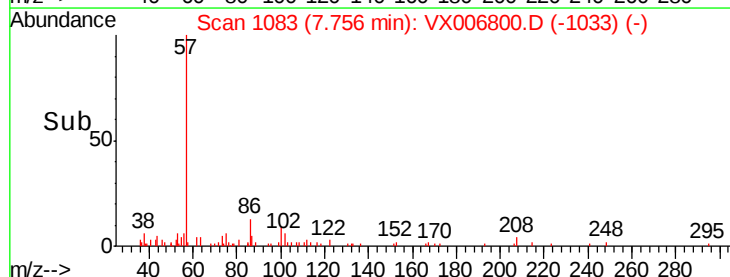
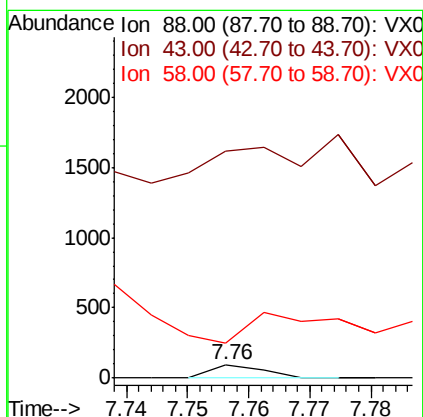
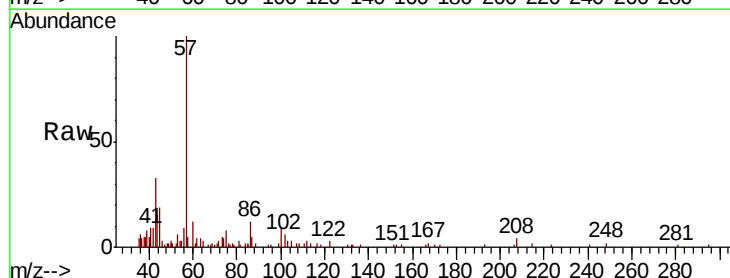
Instrument :
MSVOA_X
ClientSampled :
G-B

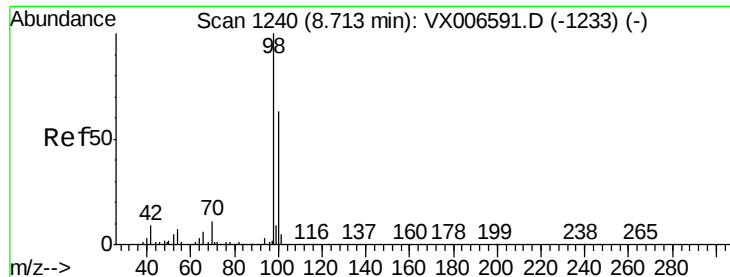
Tot Ion: 41 Resp: 20059
Ion Ratio Lower Upper
41 100
69 0.6 72.4 108.6#
39 22.8 45.8 68.8#



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006800.D
Acq: 24 Dec 2018 17:31

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.4#
58 1725.5 51.0 76.4#





#50

Toluene-d8

Concen: 49.868 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

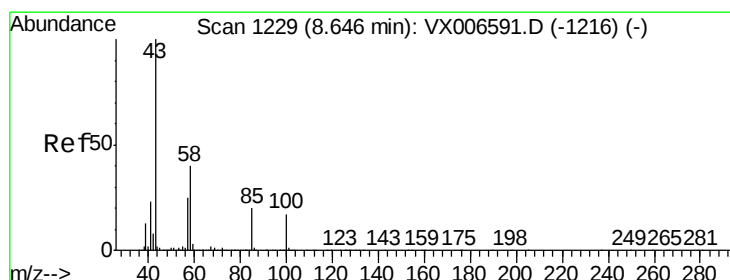
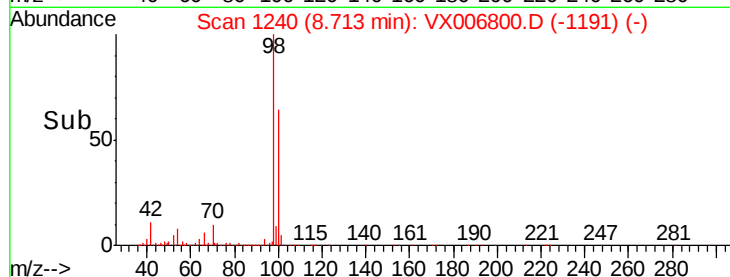
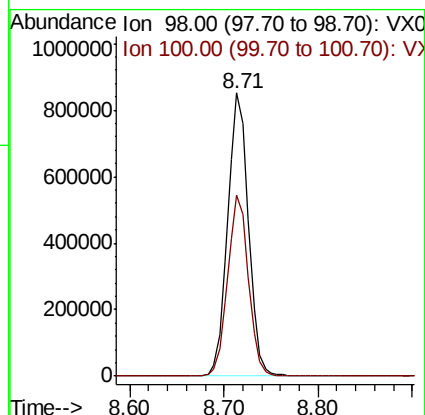
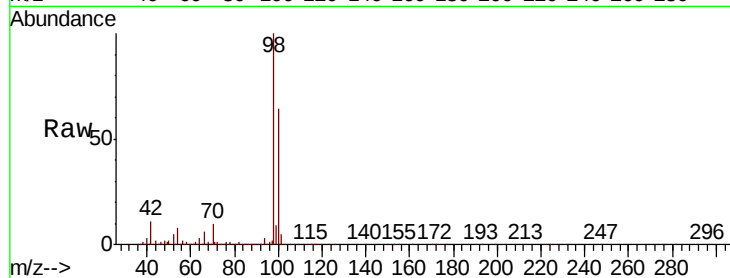
G-B

Tot Ion: 98 Resp: 1301950

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 21.025 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006800.D

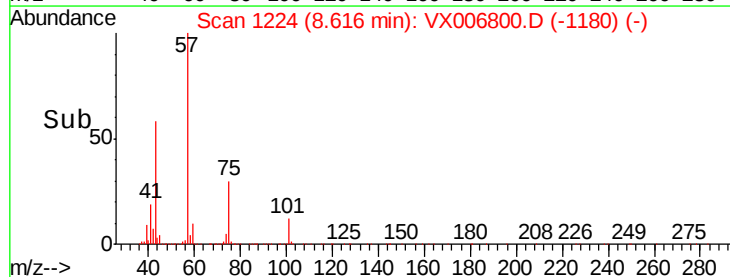
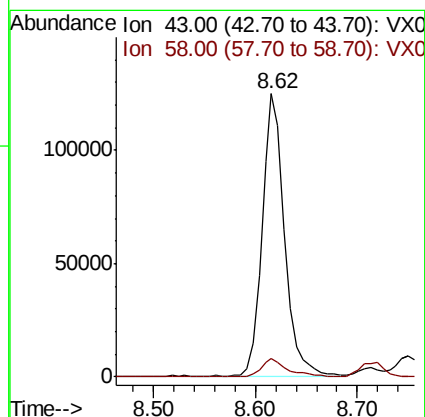
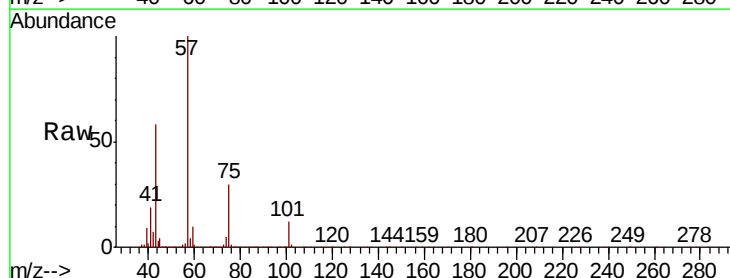
Acq: 24 Dec 2018 17:31

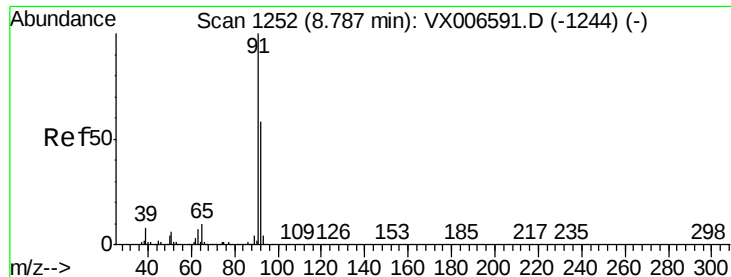
Tgt Ion: 43 Resp: 192145

Ion Ratio Lower Upper

43 100

58 7.9 31.8 47.6#





#52

Toluene

Concen: 1.066 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

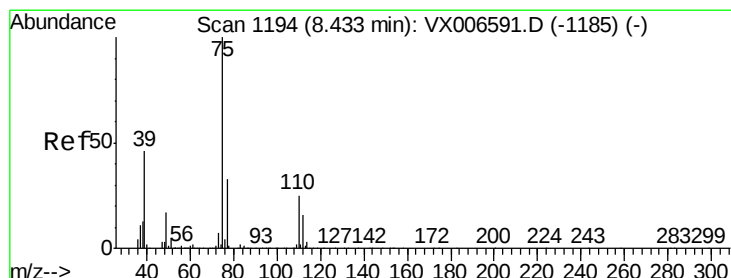
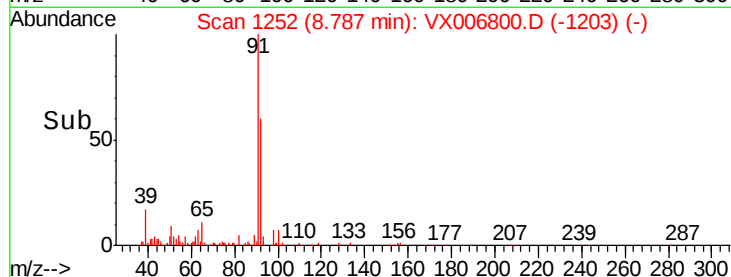
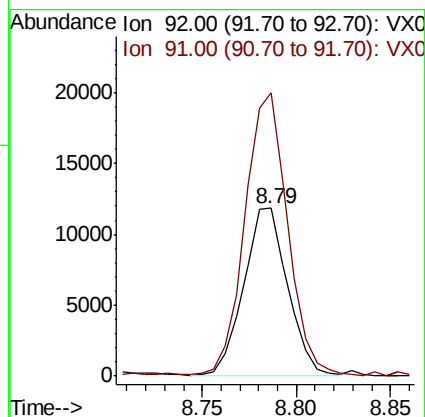
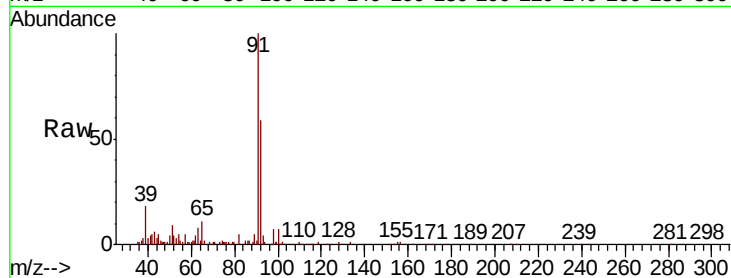
G-B

Tot Ion: 92 Resp: 18985

Ion Ratio Lower Upper

92 100

91 165.8 137.6 206.4



#54

cis-1,3-Dichloropropene

Concen: 9.965 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

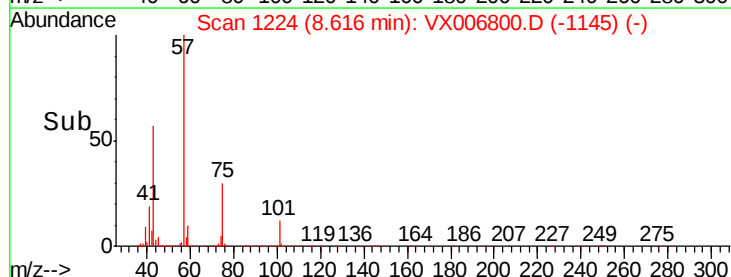
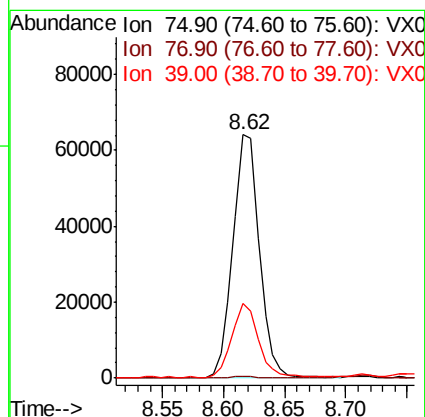
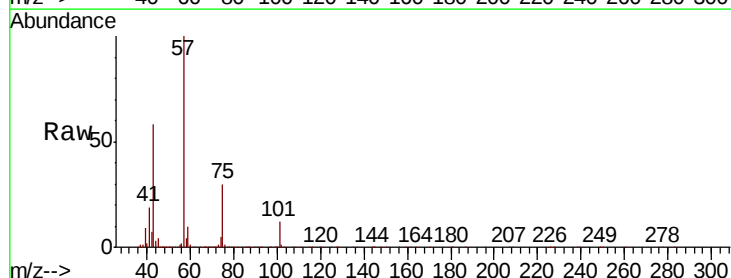
Tgt Ion: 75 Resp: 96078

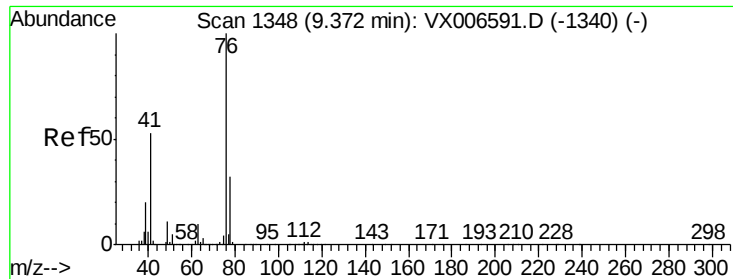
Ion Ratio Lower Upper

75 100

77 0.5 26.2 39.2#

39 30.0 36.7 55.1#





#57

1,3-Dichloropropane

Concen: 1.611 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

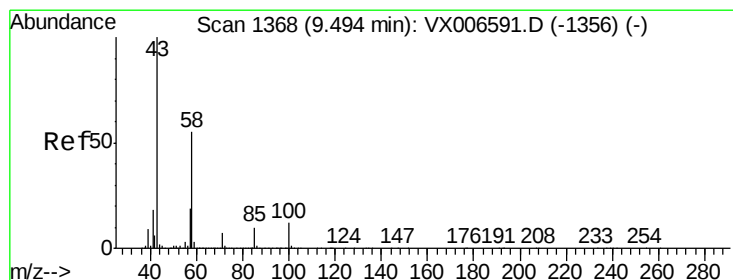
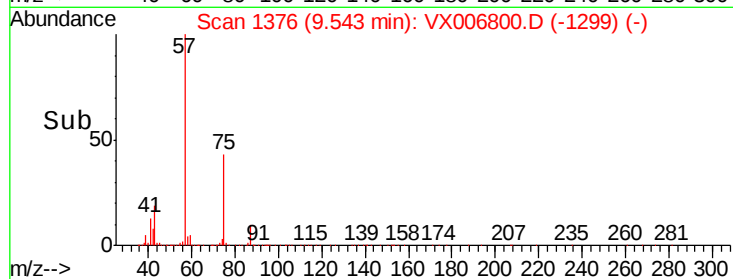
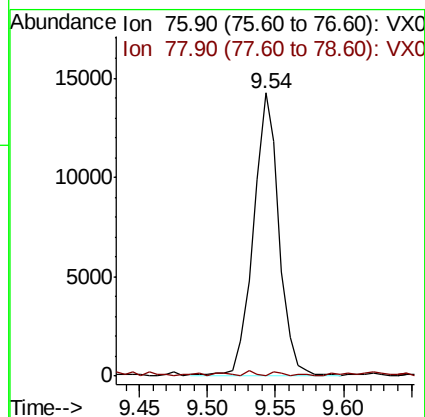
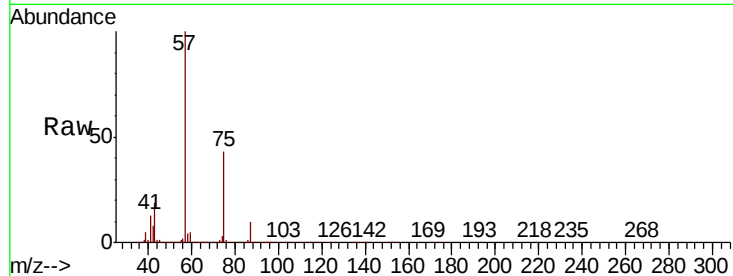
G-B

Tot Ion: 76 Resp: 18895

Ion Ratio Lower Upper

76 100

78 0.9 26.0 39.0#



#59

2-Hexanone

Concen: 35.030 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX006800.D

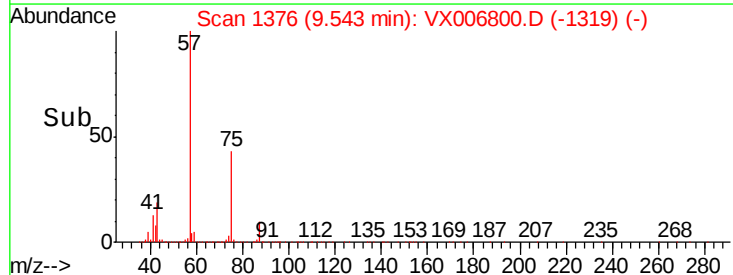
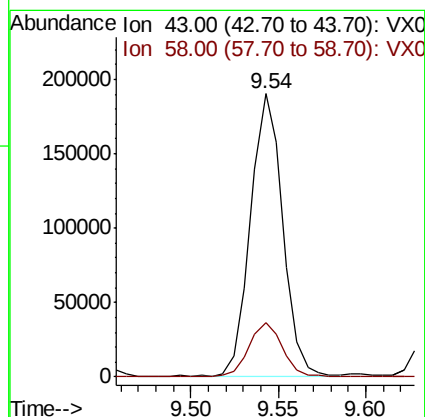
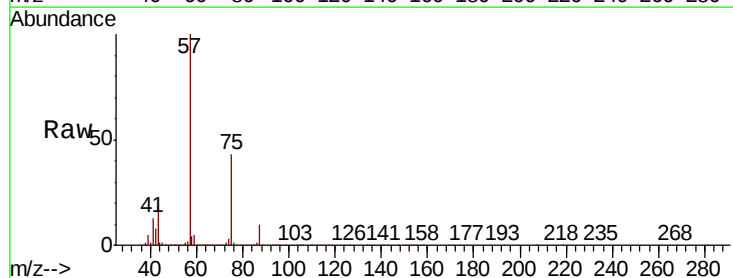
Acq: 24 Dec 2018 17:31

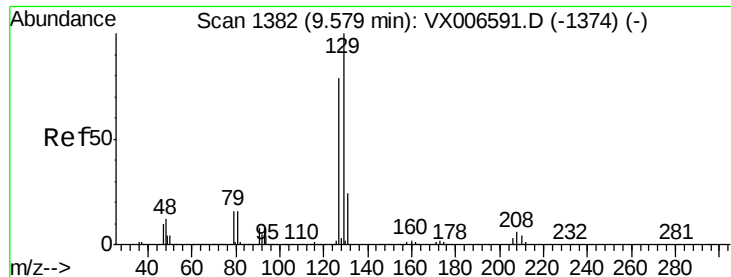
Tgt Ion: 43 Resp: 244944

Ion Ratio Lower Upper

43 100

58 19.8 27.7 83.1#





#60

Dibromochloromethane

Concen: 2.339 ug/l

RT: 9.63 min Scan# 1391

Delta R.T. 0.06 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

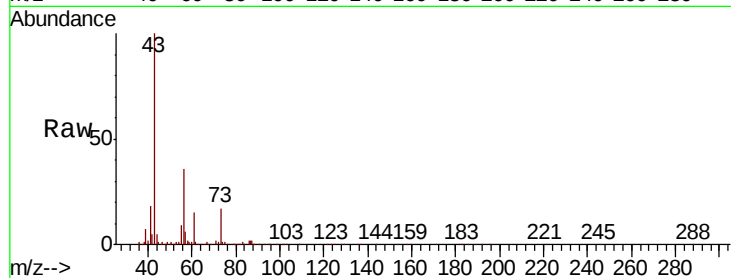
G-B

Tot Ion:129 Resp: 115

Ion Ratio Lower Upper

129 100

127 74.8 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

200

150

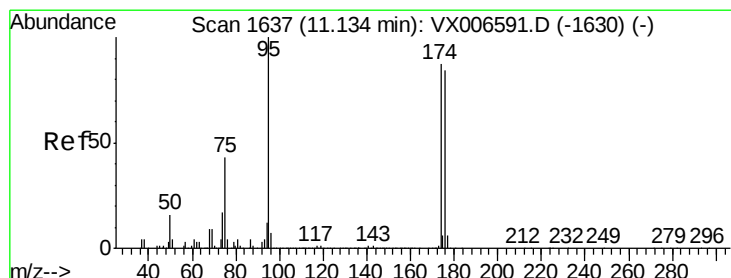
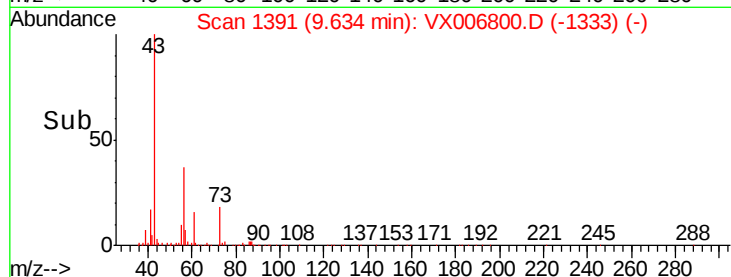
100

50

0

9.58 9.60 9.62 9.64 9.66

Time-->



#62

4-Bromofluorobenzene

Concen: 49.280 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

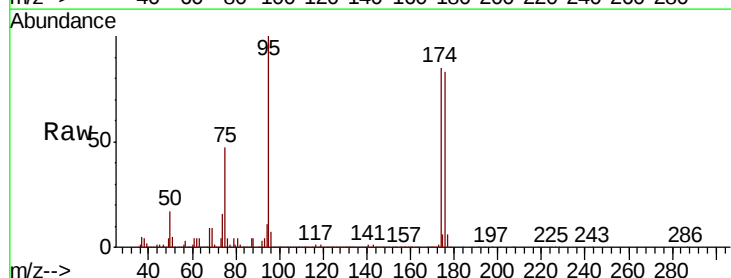
Tgt Ion: 95 Resp: 471199

Ion Ratio Lower Upper

95 100

174 93.4 0.0 182.2

176 90.3 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

500000

400000

300000

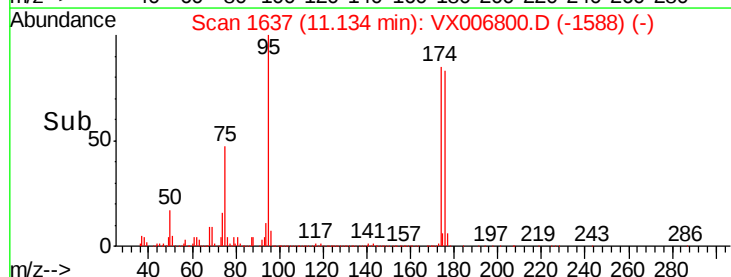
200000

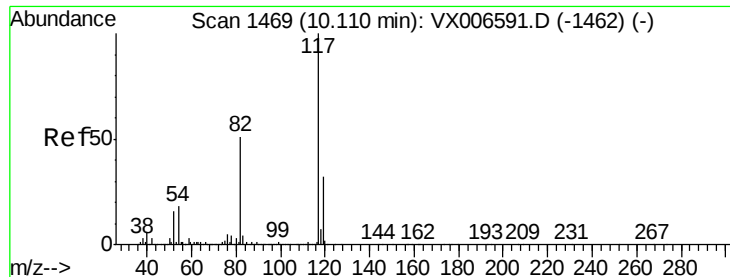
100000

0

11.10 11.13 11.20

Time-->

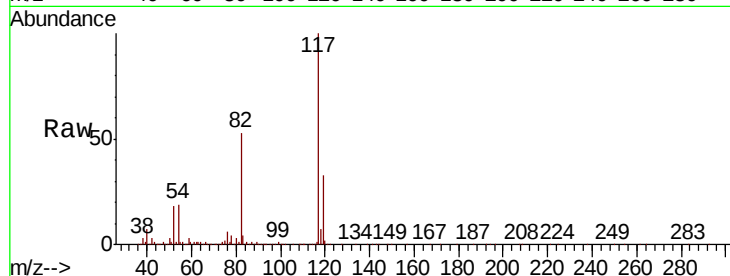




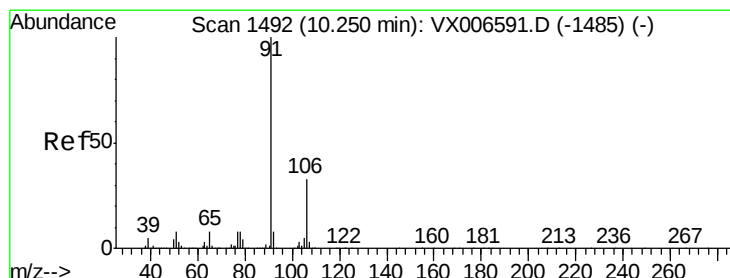
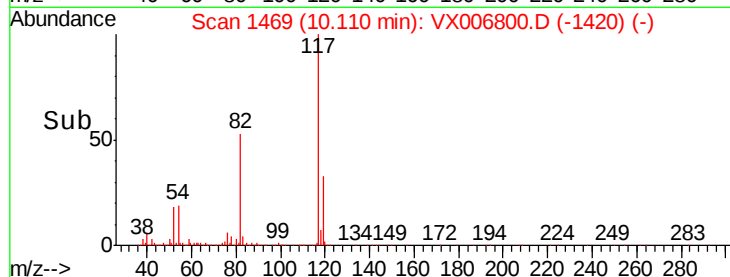
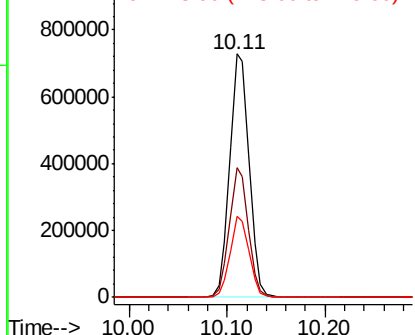
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006800.D
Acq: 24 Dec 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
G-B

Tot Ion:117 Resp: 1004633
Ion Ratio Lower Upper
117 100
82 53.0 41.0 61.6
119 33.2 25.4 38.0

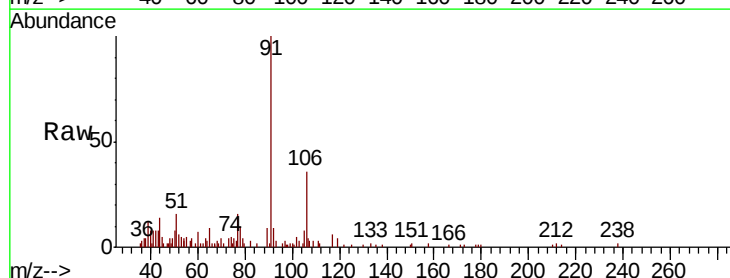


Abundance Ion 116.90 (116.60 to 117.60): V
1000000
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

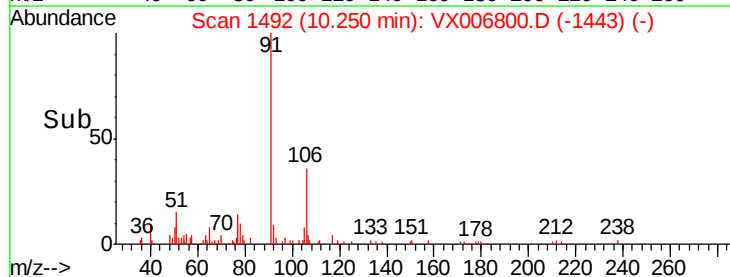
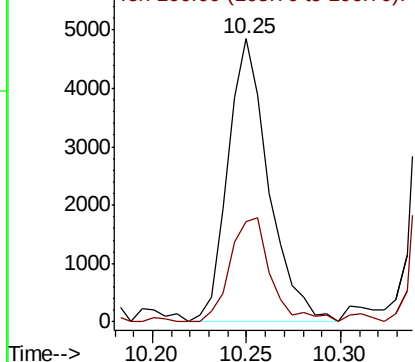


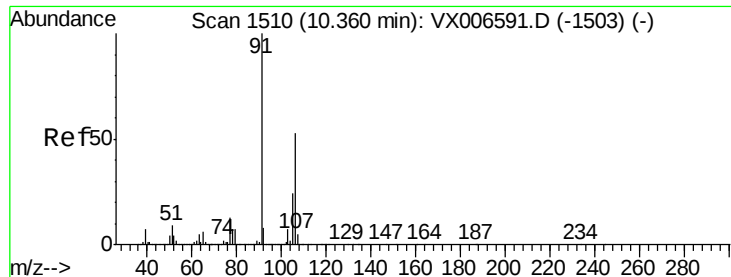
#67
Ethyl Benzene
Concen: 0.210 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006800.D
Acq: 24 Dec 2018 17:31

Tgt Ion: 91 Resp: 7283
Ion Ratio Lower Upper
91 100
106 35.6 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
5000
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 1.189 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

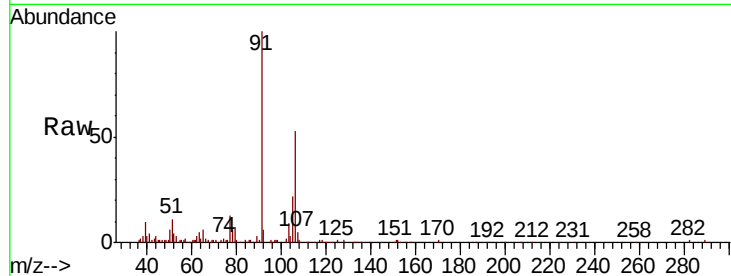
G-B

Tot Ion:106 Resp: 16292

Ion Ratio Lower Upper

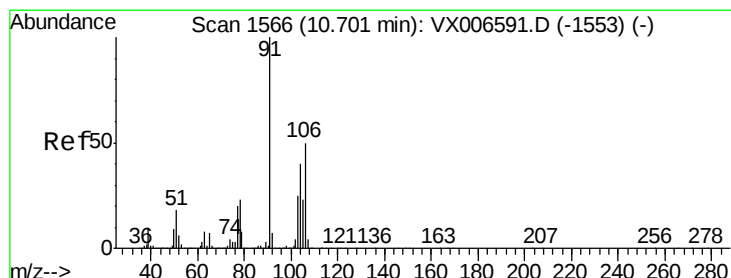
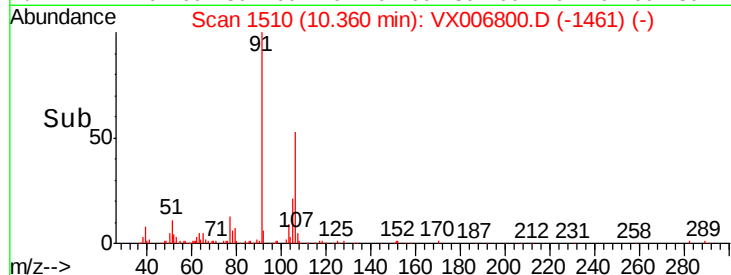
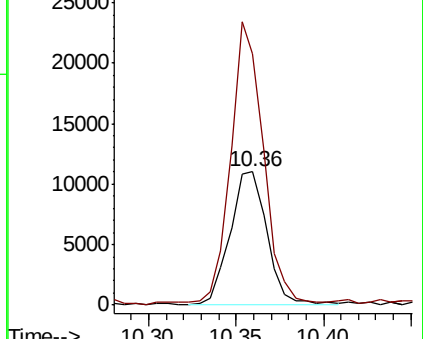
106 100

91 183.1 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.227 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX006800.D

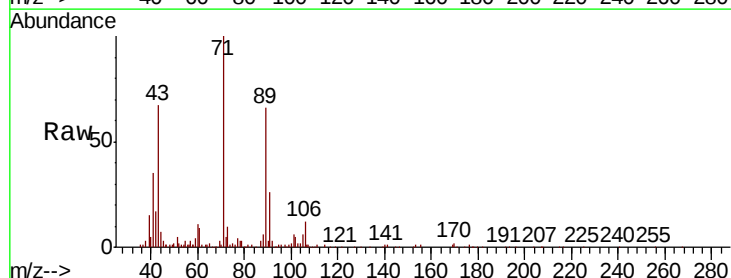
Acq: 24 Dec 2018 17:31

Tgt Ion:106 Resp: 3069

Ion Ratio Lower Upper

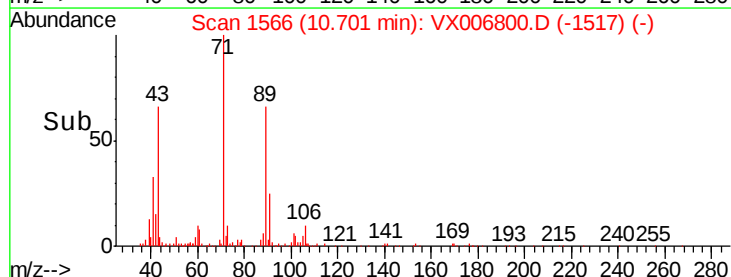
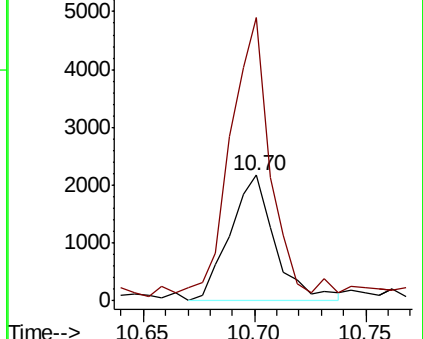
106 100

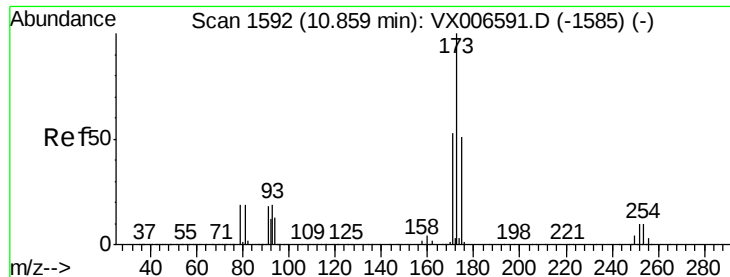
91 193.2 101.3 303.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#71

Bromoform

Concen: 4.483 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampled :

G-B

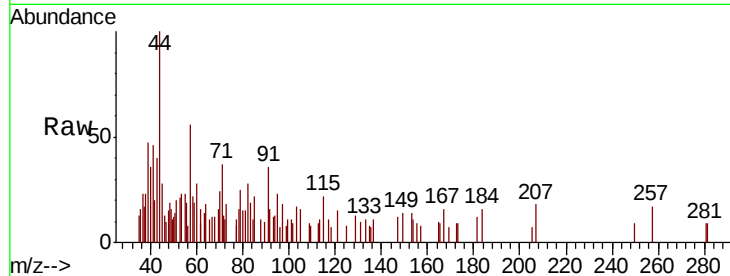
Tot Ion:173 Resp: 149

Ion Ratio Lower Upper

173 100

175 0.0 24.7 74.1#

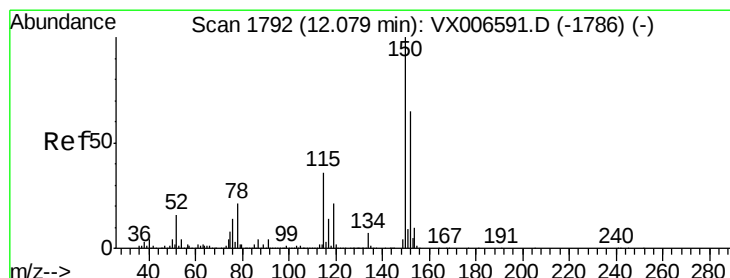
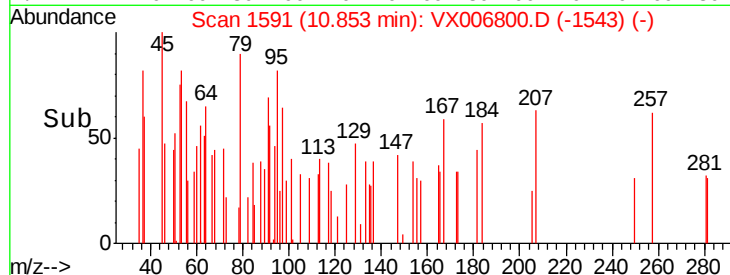
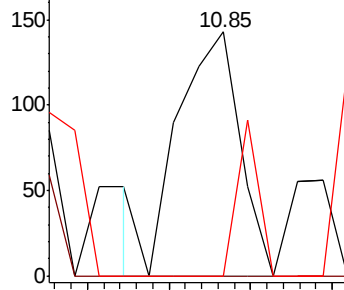
254 22.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

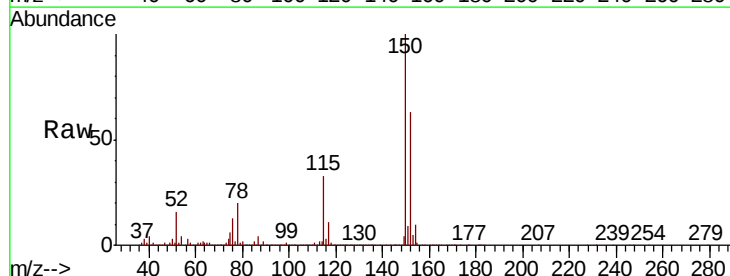
Tgt Ion:152 Resp: 506138

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.2

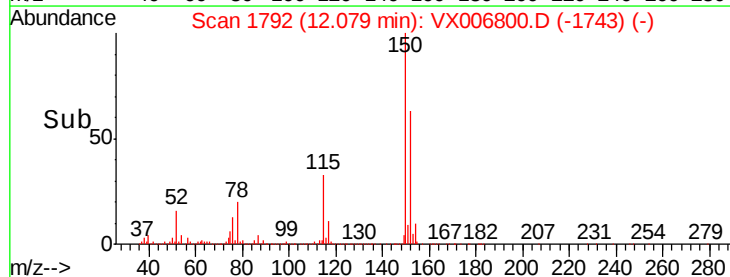
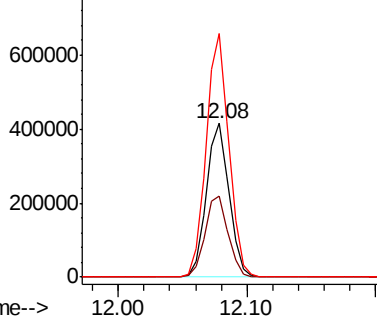
150 158.4 0.0 344.8

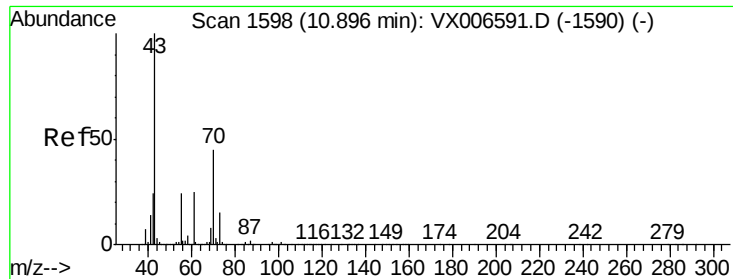


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.646 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

G-B

Tot Ion: 43 Resp: 20404

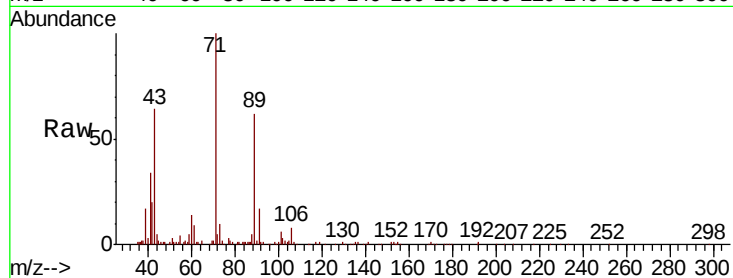
Ion Ratio Lower Upper

43 100

70 2.5 35.8 53.8#

55 4.9 19.4 29.0#

61 14.0 20.1 30.1#

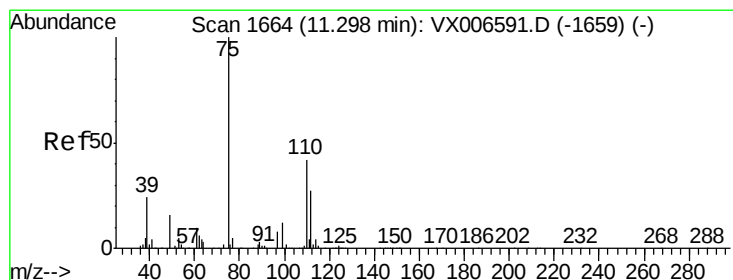
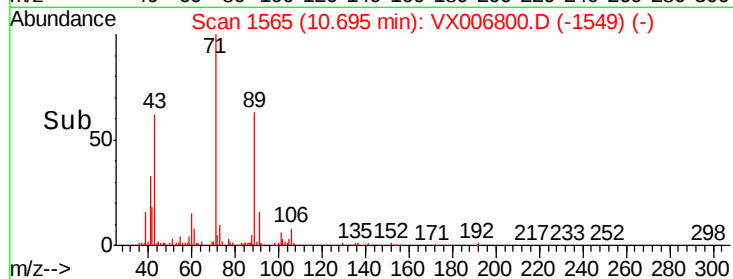
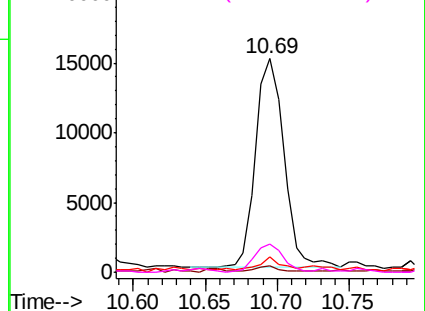


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 23.829 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006800.D

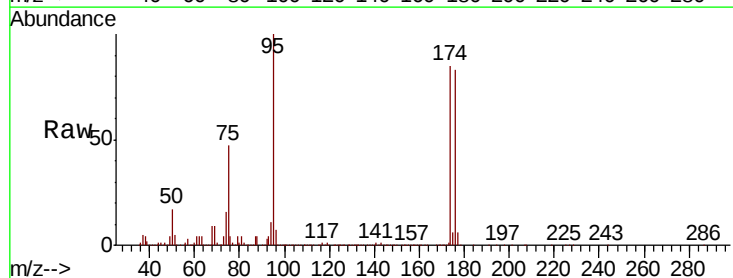
Acq: 24 Dec 2018 17:31

Tgt Ion: 75 Resp: 224139

Ion Ratio Lower Upper

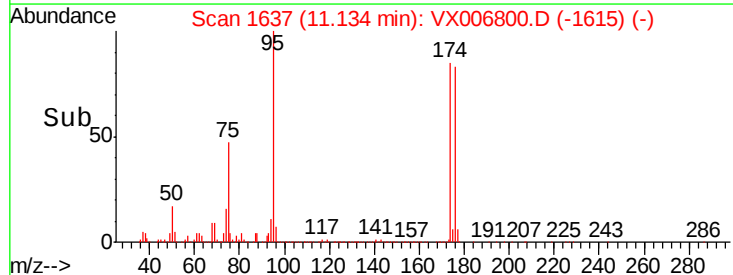
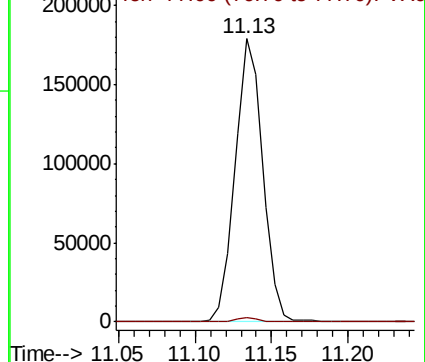
75 100

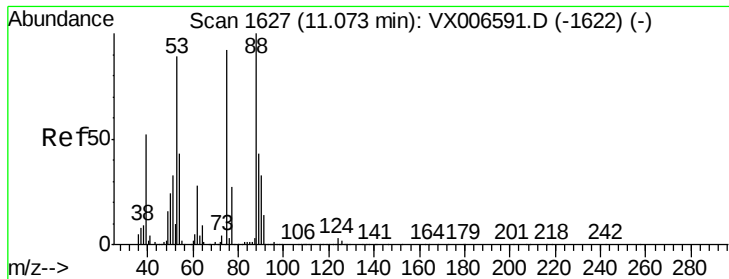
77 1.4 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 70.612 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

G-B

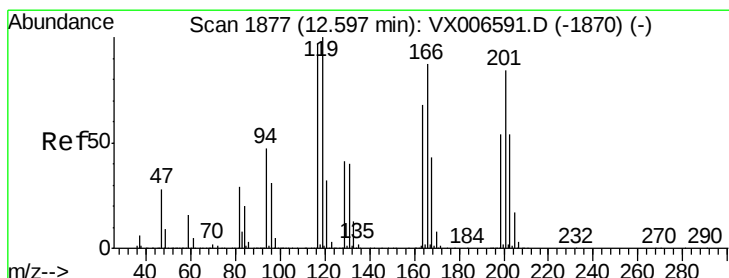
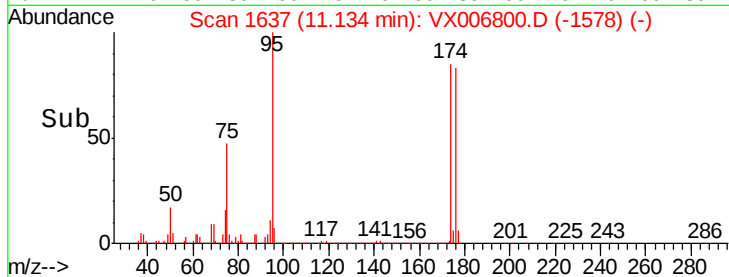
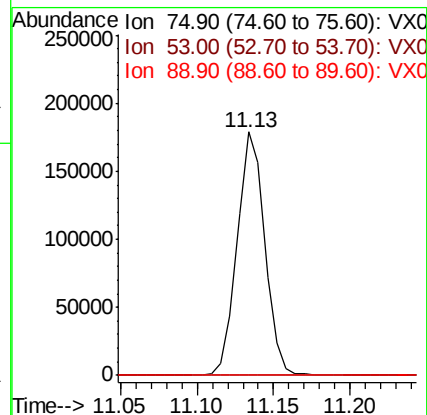
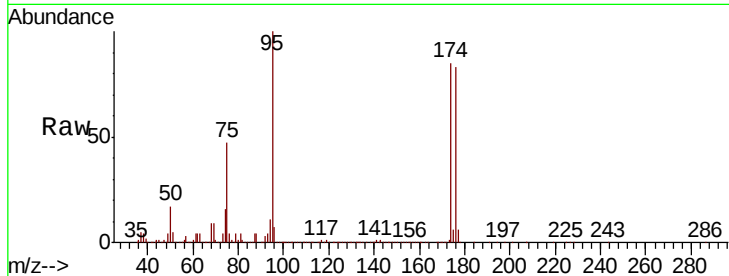
Tot Ion: 75 Resp: 224139

Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

89 0.0 38.0 57.0#



#90

Hexachloroethane

Concen: 3.325 ug/l

RT: 12.47 min Scan# 1856

Delta R.T. -0.13 min

Lab File: VX006800.D

Acq: 24 Dec 2018 17:31

Tgt Ion: 117 Resp: 164

Ion Ratio Lower Upper

117 100

201 47.0 42.9 128.7

