

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007096.D
 Acq On : 17 Jan 2019 18:29
 Operator : JC/SP
 Sample : K1168-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW037-190114

Quant Time: Jan 18 05:02:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	572679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	877663	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	824507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	416937	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	299821	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
35) Dibromofluoromethane	5.50	113	265453	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	
50) Toluene-d8	8.71	98	1049423	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.13	95	387463	54.02	ug/l	0.00
Spiked Amount			Recovery	=	108.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1310	0.239	ug/l #	59
13) Acrolein	2.28	56	145	3.319	ug/l #	13
16) Acetone	2.45	43	1562	0.528	ug/l #	88
18) Methyl Acetate	2.78	43	6067	0.708	ug/l	99
20) Methylene Chloride	2.86	84	1140	Below Cal	#	30
31) Cyclohexane	5.57	56	4862	0.576	ug/l #	78
36) 1,1-Dichloropropene	5.67	75	35377	4.636	ug/l #	50
38) Carbon Tetrachloride	5.66	117	49626	6.464	ug/l #	15
39) Methylcyclohexane	7.46	83	22932	2.357	ug/l	91
43) Isopropyl Acetate	6.35	43	40367	3.128	ug/l #	60
48) Methyl methacrylate	7.73	41	1455	0.220	ug/l	94
49) 1,4-Dioxane	7.74	88	57	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.68	43	4065	0.490	ug/l #	36
55) 1,1,2-Trichloroethane	9.16	97	12264	2.047	ug/l #	22
56) Ethyl methacrylate	9.16	69	2823	0.323	ug/l #	1
65) Chlorobenzene	10.14	112	234556	13.043	ug/l	99
69) o-Xylene	10.70	106	3027	0.265	ug/l	96
71) Bromoform	11.01	173	98	4.744	ug/l #	28
73) Isopropylbenzene	11.02	105	428612	14.579	ug/l	99
74) N-amyl acetate	10.92	43	3311	0.280	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	5247	0.562	ug/l #	30
76) 1,2,3-Trichloropropane	11.13	75	185173	21.916	ug/l #	40
78) n-propylbenzene	11.36	91	156716	4.856	ug/l	99
79) 2-Chlorotoluene	11.36	91	156716	8.066	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.66	105	13052	0.531	ug/l	77
81) trans-1,4-Dichloro-2-buten	11.13	75	185173	64.920	ug/l #	10
82) 4-Chlorotoluene	11.36	91	156716	6.967	ug/l #	42
83) tert-Butylbenzene	11.77	119	218881	8.930	ug/l	90
84) 1,2,4-Trimethylbenzene	11.94	105	892373	36.124	ug/l #	30
85) sec-Butylbenzene	11.94	105	892473	30.489	ug/l	97
86) p-Isopropyltoluene	12.23	119	900300	34.385	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	19892	1.359	ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	55073	4.103	ug/l	93
89) n-Butylbenzene	12.38	91	49880	2.235	ug/l #	64

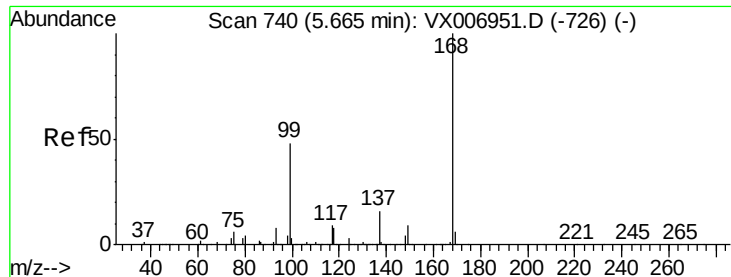
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
Data File : VX007096.D
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Quant Time: Jan 18 05:02:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.67	117	299539	70.402	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.97	75	11873	6.432	ug/l #	1
95) Naphthalene	13.80	128	7866	0.262	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

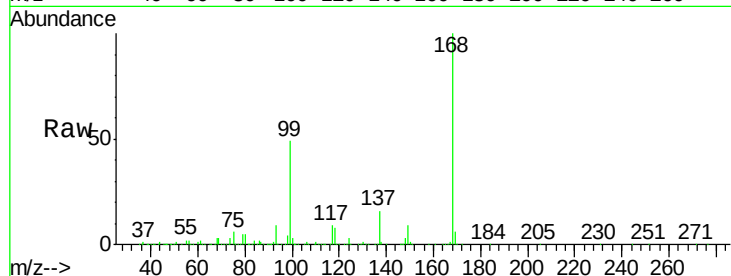
ST008MW037-190114

Tot Ion:168 Resp: 572679

Ion Ratio Lower Upper

168 100

99 49.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

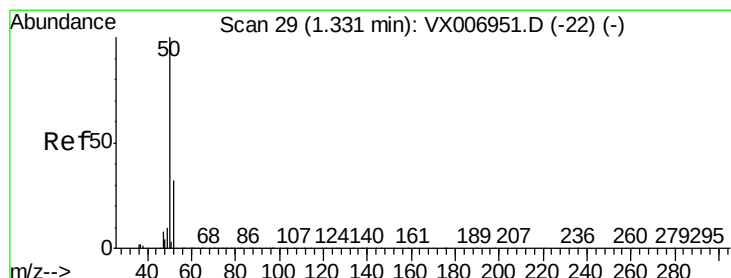
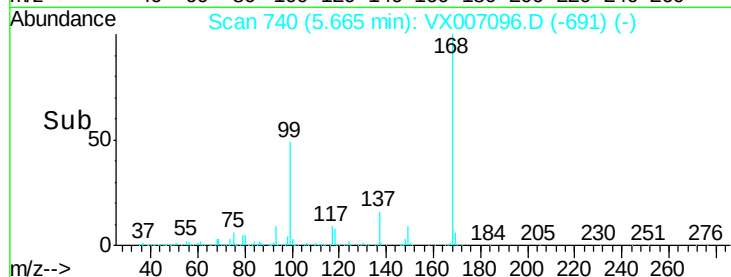
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.239 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007096.D

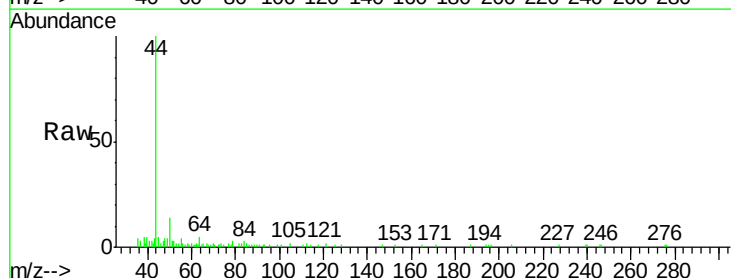
Acq: 17 Jan 2019 18:29

Tgt Ion: 50 Resp: 1310

Ion Ratio Lower Upper

50 100

52 9.1 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

1000

800

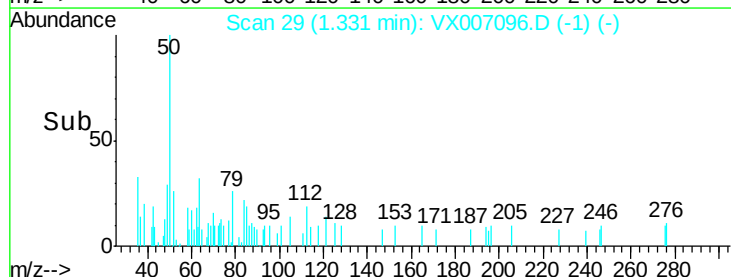
600

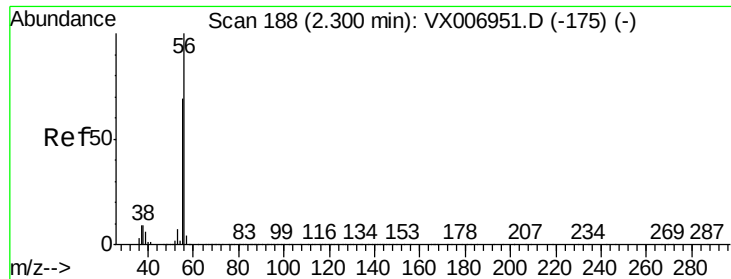
400

200

0

Time--> 1.30 1.35





#13

Acrolein

Concen: 3.319 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.02 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

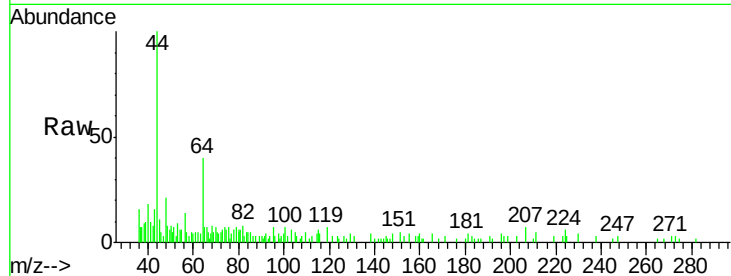
ST008MW037-190114

Tot Ion: 56 Resp: 145

Ion Ratio Lower Upper

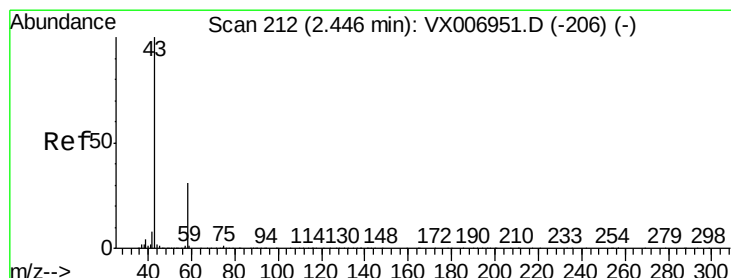
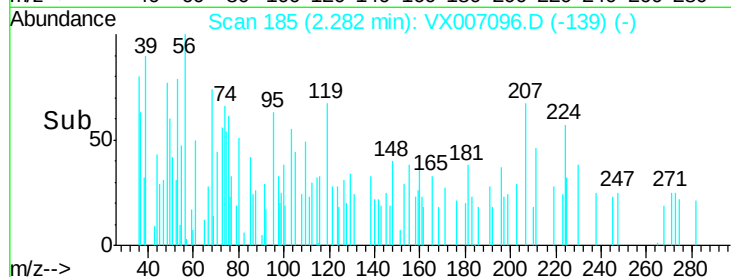
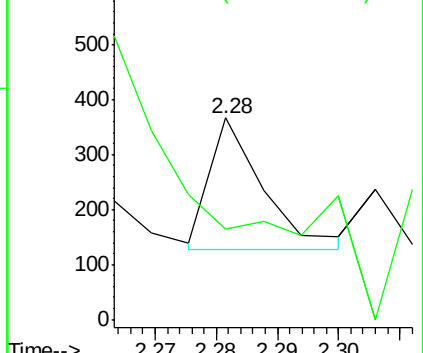
56 100

55 0.0 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.528 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007096.D

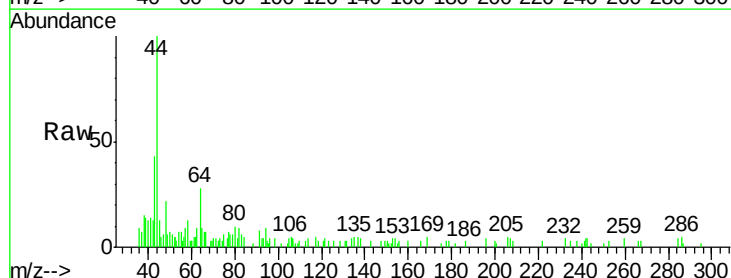
Acq: 17 Jan 2019 18:29

Tgt Ion: 43 Resp: 1562

Ion Ratio Lower Upper

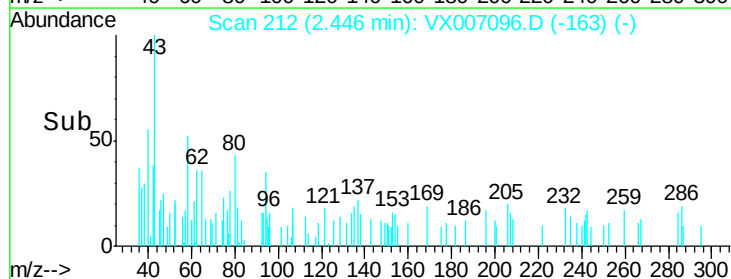
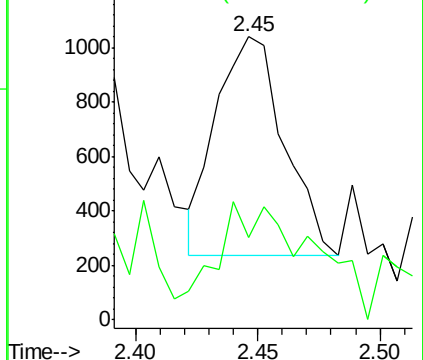
43 100

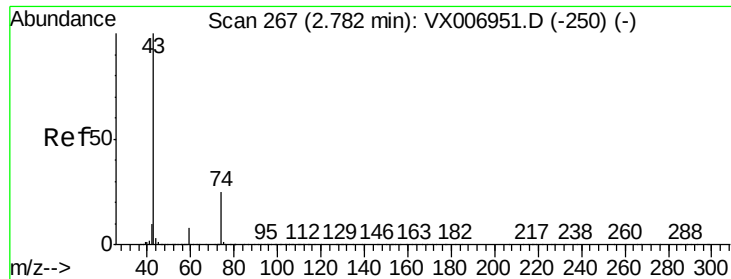
58 24.5 25.0 37.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

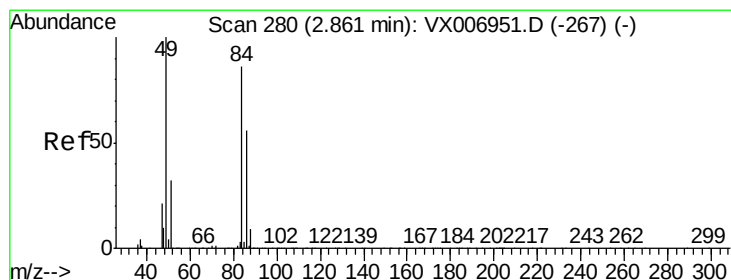
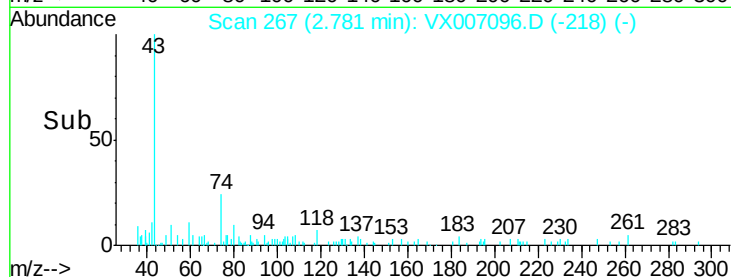
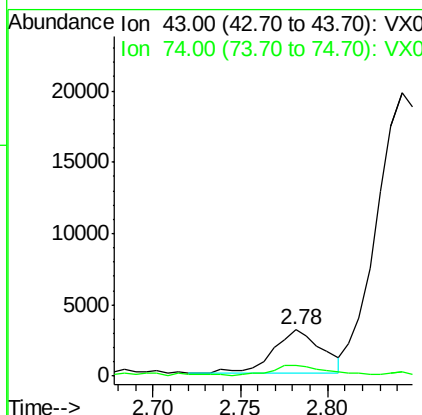
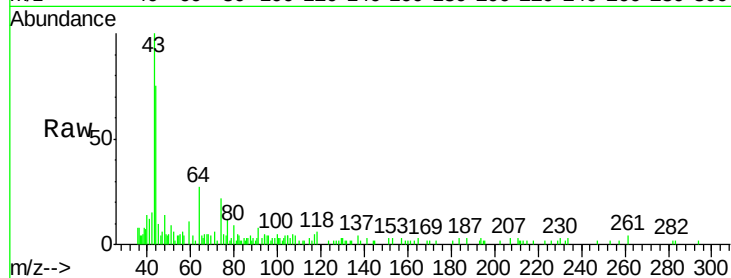




#18
Methyl Acetate
Concen: 0.708 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007096.D
Acq: 17 Jan 2019 18:29

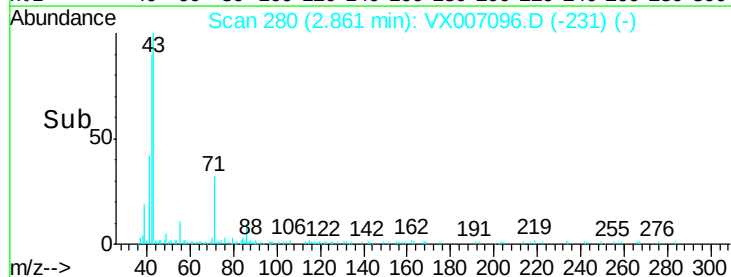
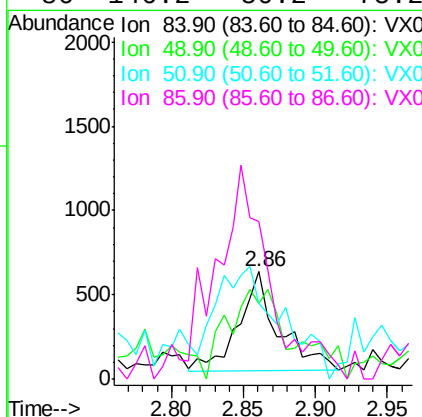
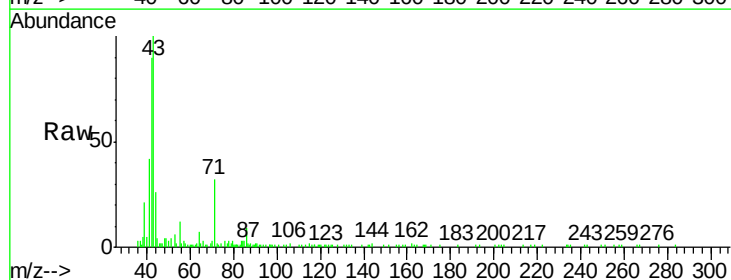
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ST008MW037-190114

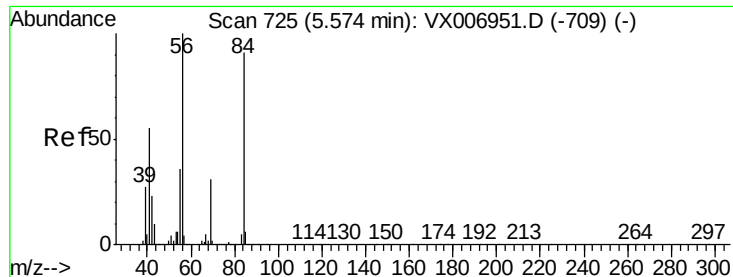
Tot Ion: 43 Resp: 6067
Ion Ratio Lower Upper
43 100
74 22.9 18.6 28.0



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007096.D
Acq: 17 Jan 2019 18:29

Tgt Ion: 84 Resp: 1140
Ion Ratio Lower Upper
84 100
49 51.9 91.8 137.6#
51 60.9 28.5 42.7#
86 146.2 50.2 75.2#

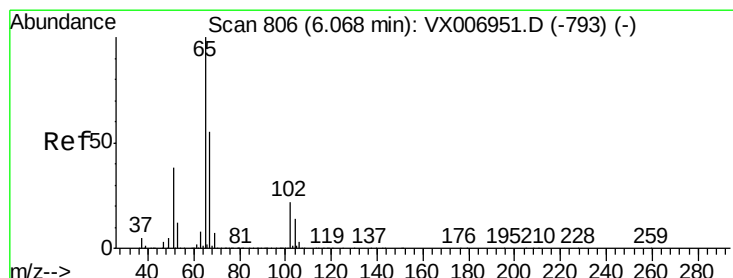
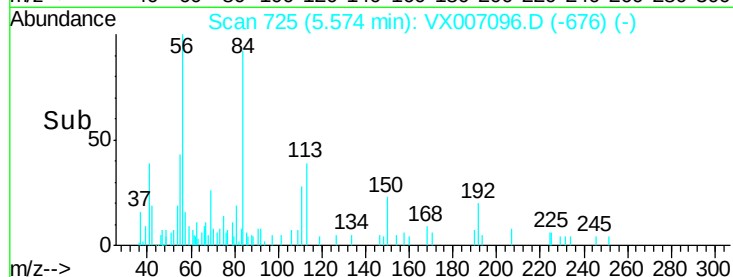
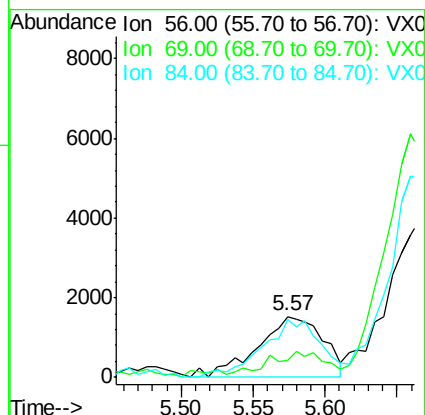
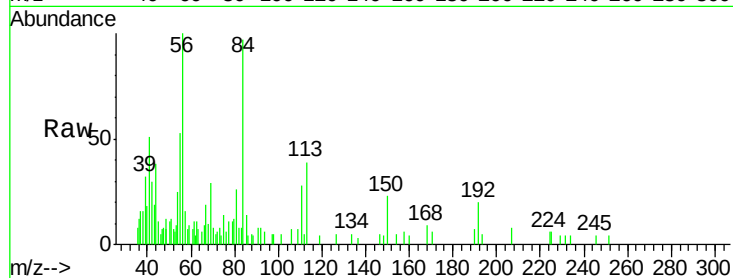




#31
Cyclohexane
Concen: 0.576 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007096.D
Acq: 17 Jan 2019 18:29

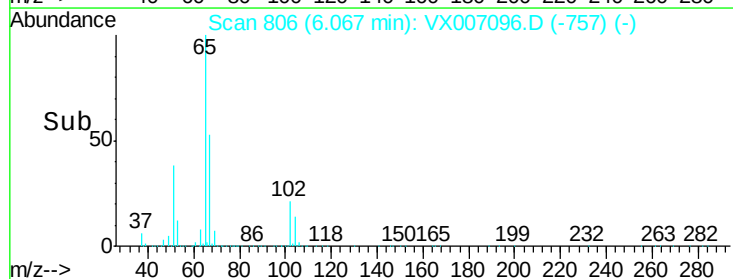
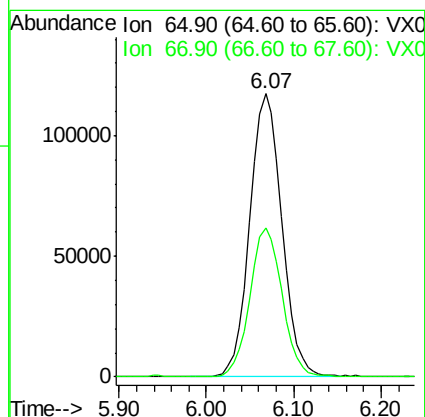
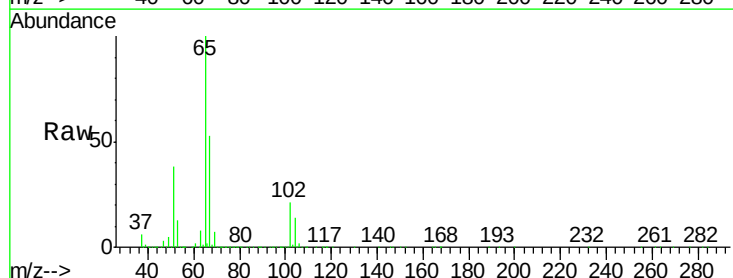
Instrument :
MSVOA_X
ClientSampleId :
ST008MW037-190114

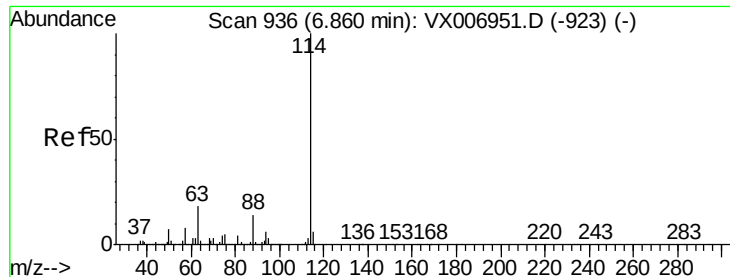
Tot Ion: 56 Resp: 4862
Ion Ratio Lower Upper
56 100
69 21.2 24.4 36.6#
84 109.4 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 50.096 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007096.D
Acq: 17 Jan 2019 18:29

Tgt Ion: 65 Resp: 299821
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0

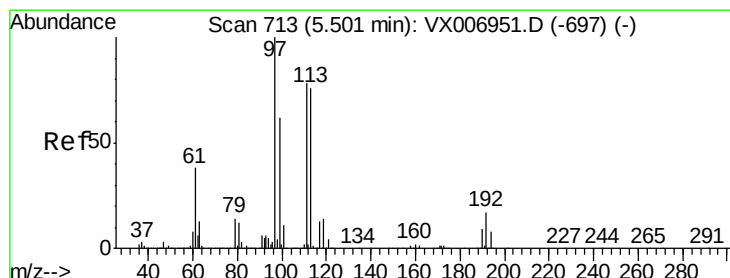
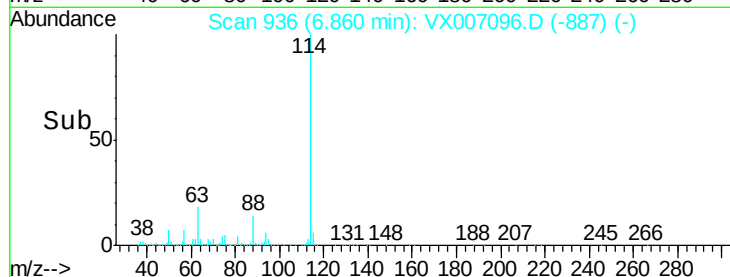
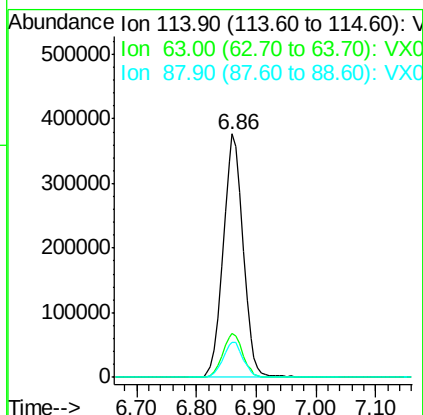
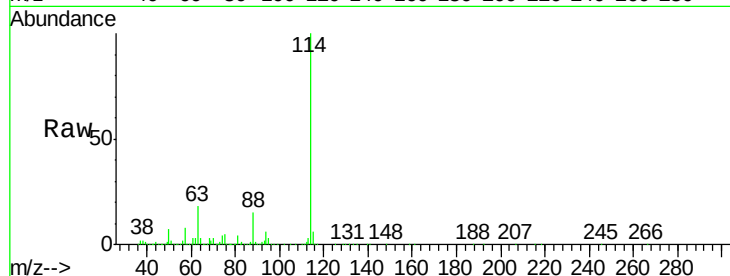




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007096.D
 Acq: 17 Jan 2019 18:29

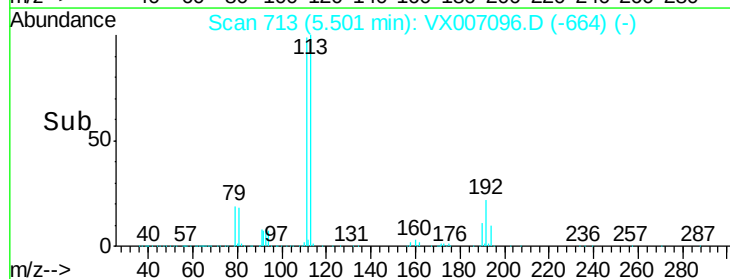
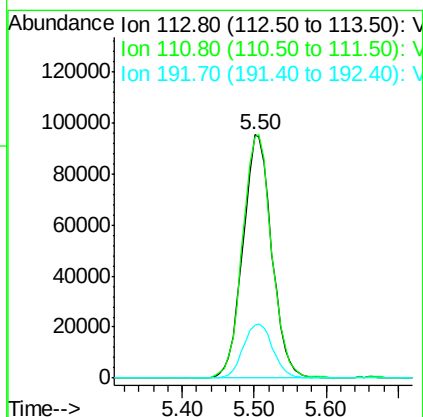
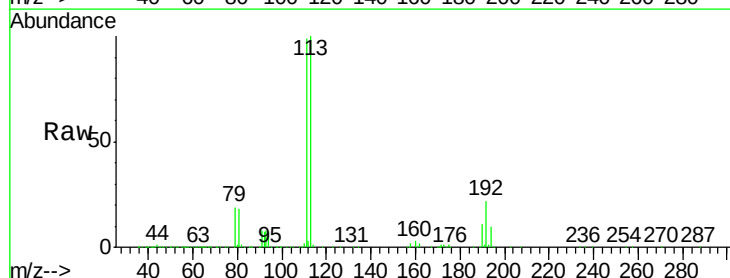
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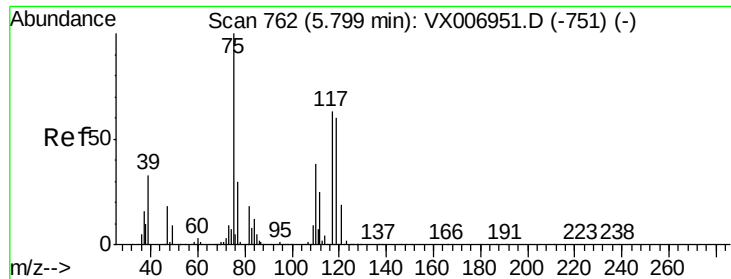
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	34.8
88	14.5	0.0	28.8



#35
 Dibromofluoromethane
 Concen: 47.229 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007096.D
 Acq: 17 Jan 2019 18:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.6	122.4
192	23.0	16.7	25.1





#36

1,1-Dichloropropene

Concen: 4.636 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

ST008MW037-190114

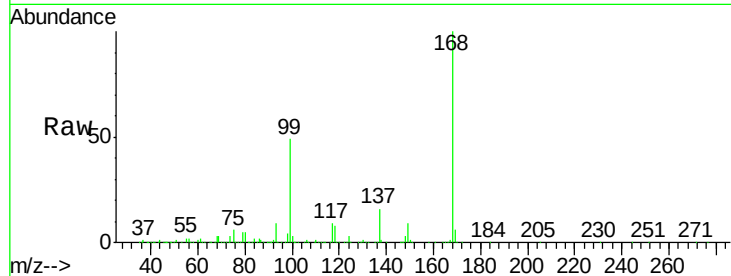
Tot Ion: 75 Resp: 35377

Ion Ratio Lower Upper

75 100

110 11.9 20.2 60.5#

77 0.0 24.8 37.2#

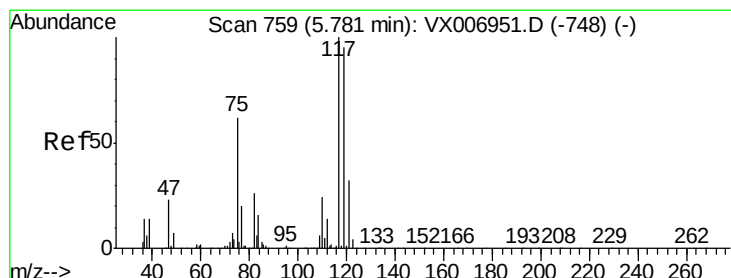
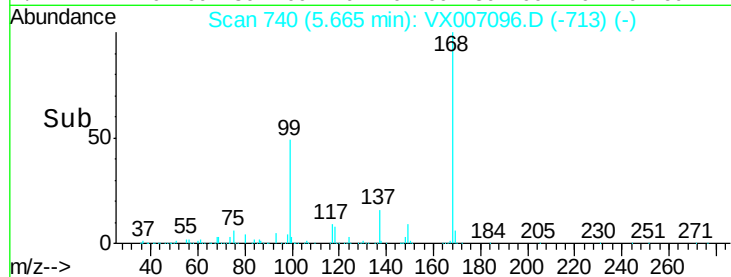


Abundance Ion 74.90 (74.60 to 75.60): VX007096.D (-713) (-)

Ion 109.90 (109.60 to 110.60): VX007096.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX007096.D (-713) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.464 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

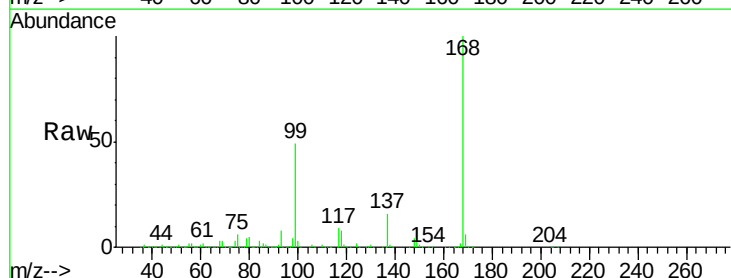
Tgt Ion: 117 Resp: 49626

Ion Ratio Lower Upper

117 100

119 6.0 79.4 119.2#

121 0.0 24.0 36.0#

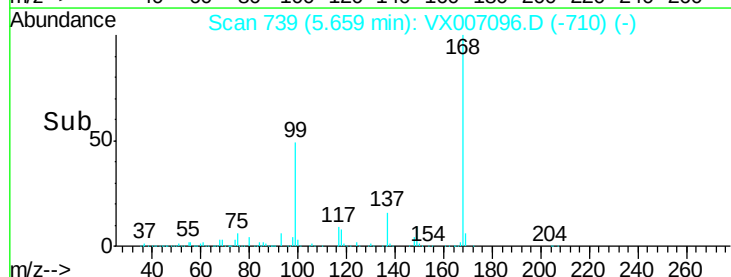


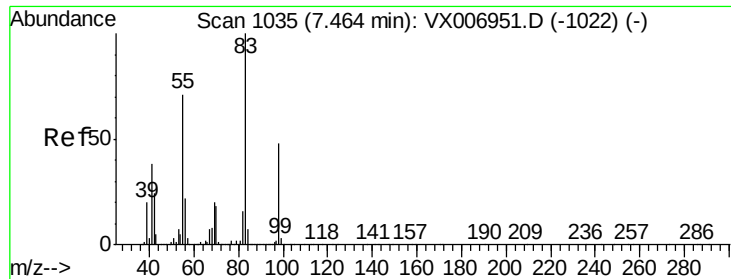
Abundance Ion 116.80 (116.50 to 117.50): VX007096.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX007096.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX007096.D (-710) (-)

Time-->

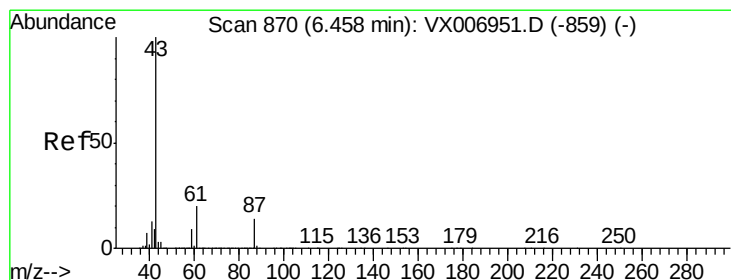
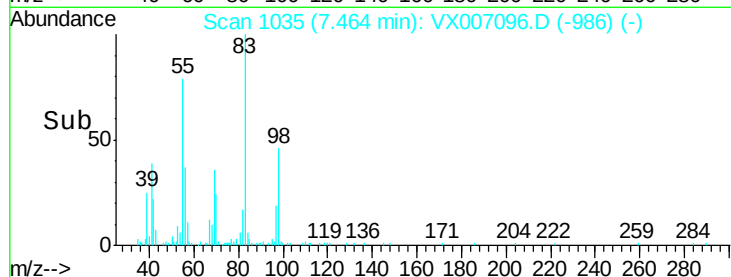
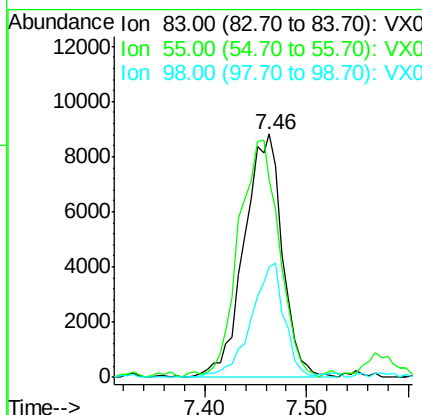
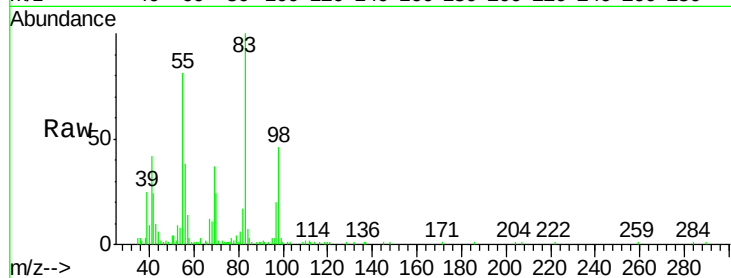




#39
Methylcyclohexane
Concen: 2.357 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007096.D
Acq: 17 Jan 2019 18:29

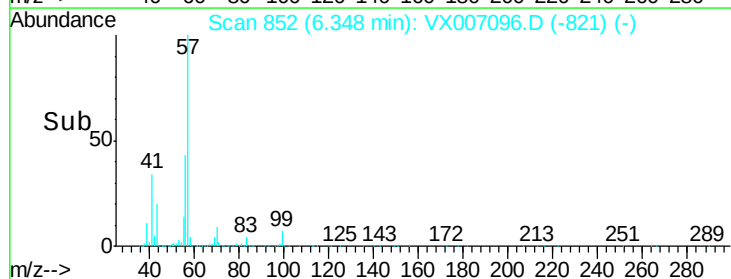
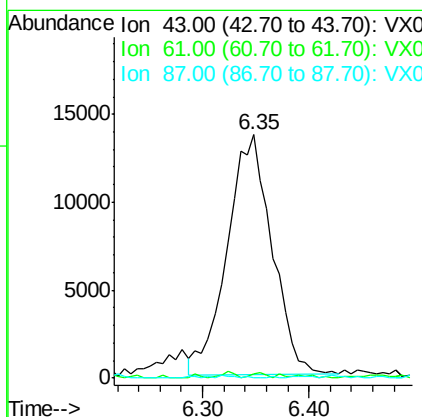
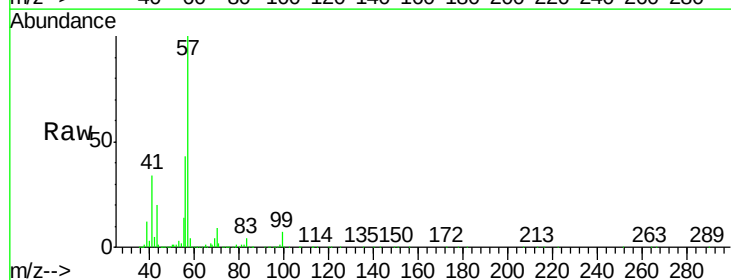
Instrument :
MSVOA_X
ClientSampleId :
ST008MW037-190114

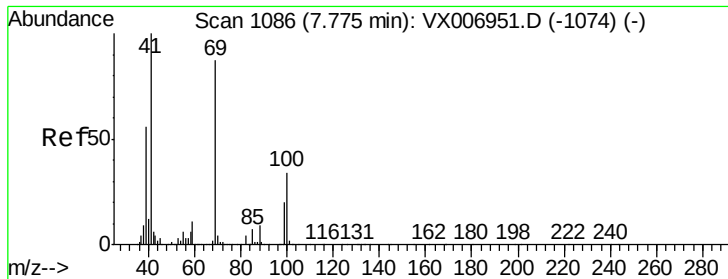
Tot Ion: 83 Resp: 22932
Ion Ratio Lower Upper
83 100
55 79.4 54.9 82.3
98 45.6 37.9 56.9



#43
Isopropyl Acetate
Concen: 3.128 ug/l
RT: 6.35 min Scan# 852
Delta R.T. -0.11 min
Lab File: VX007096.D
Acq: 17 Jan 2019 18:29

Tgt Ion: 43 Resp: 40367
Ion Ratio Lower Upper
43 100
61 0.8 16.8 25.2#
87 0.0 12.4 18.6#





#48

Methvl methacrylate

Concen: 0.220 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.05 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

ST008MW037-190114

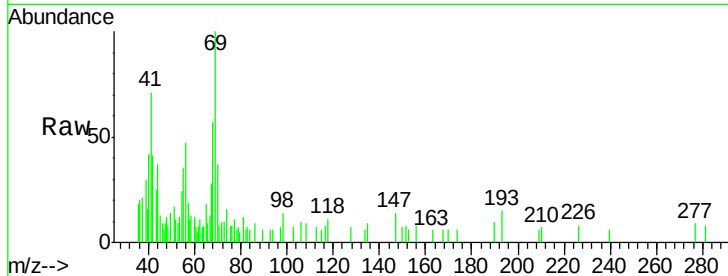
Tot Ion: 41 Resp: 1455

Ion Ratio Lower Upper

41 100

69 99.7 72.4 108.6

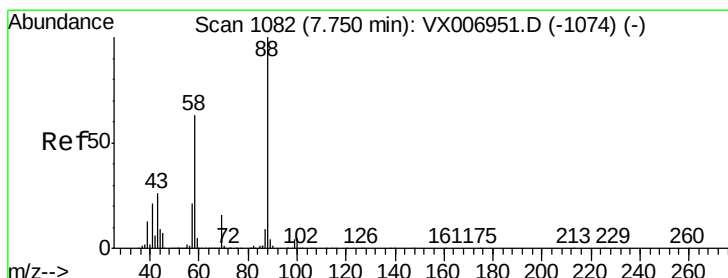
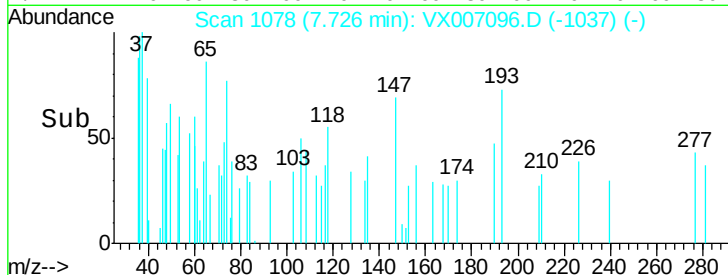
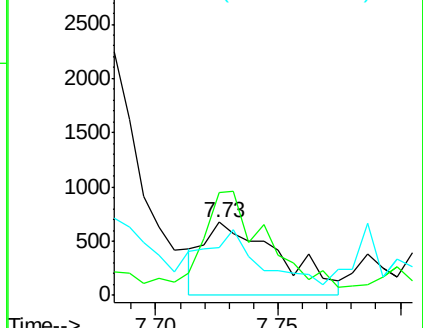
39 56.3 45.8 68.8



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: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

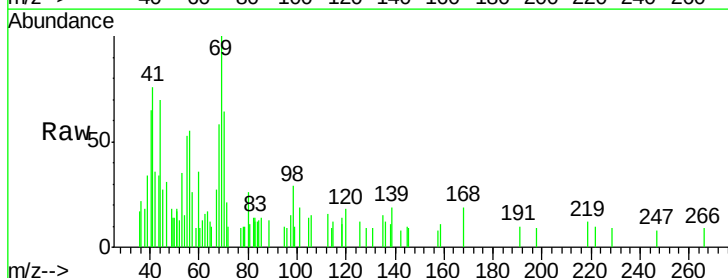
Tgt Ion: 88 Resp: 57

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

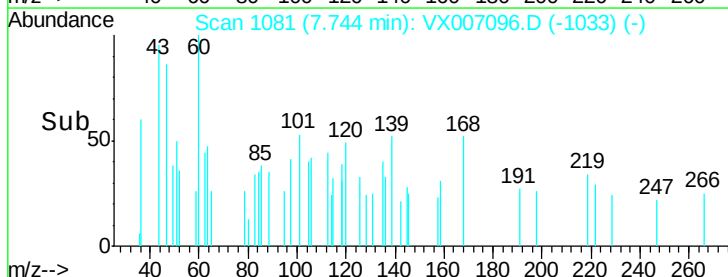
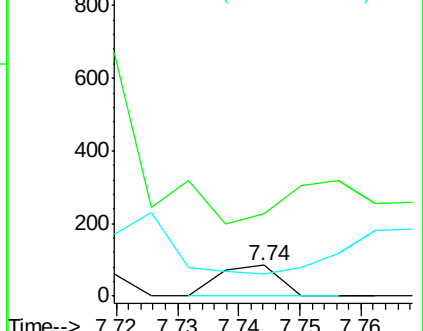
58 0.0 51.0 76.4#

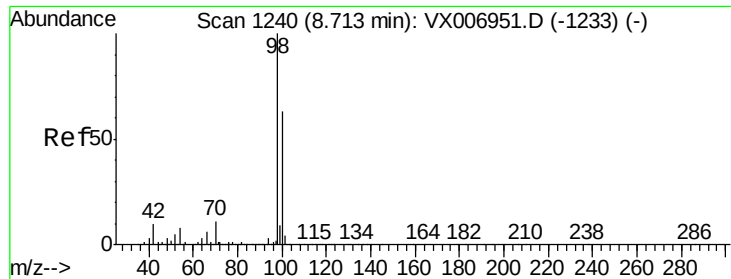


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.010 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

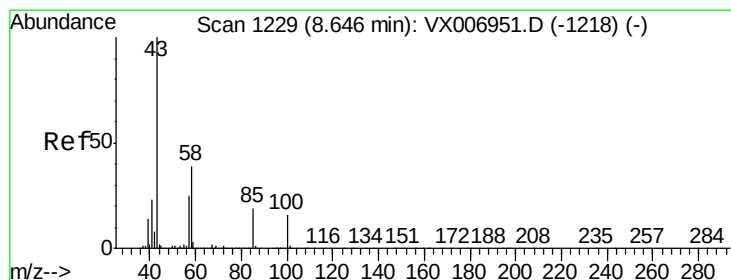
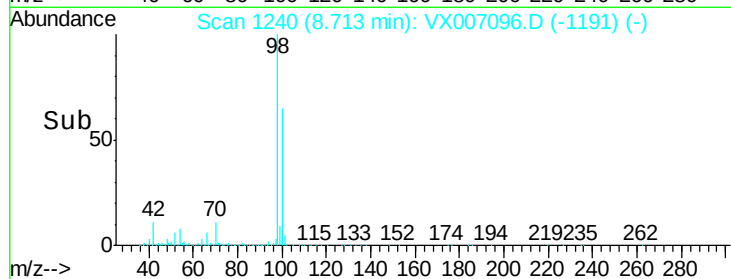
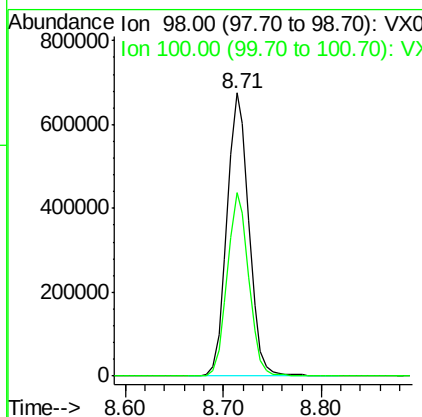
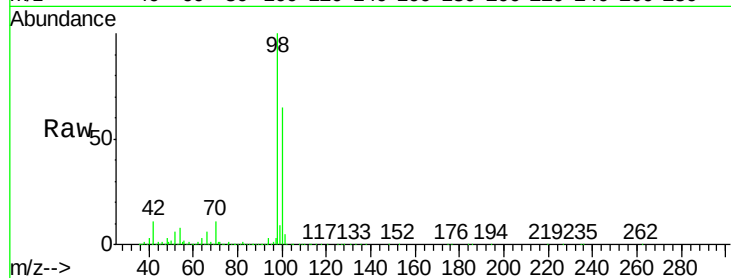
ST008MW037-190114

Tot Ion: 98 Resp: 1049423

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.490 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.03 min

Lab File: VX007096.D

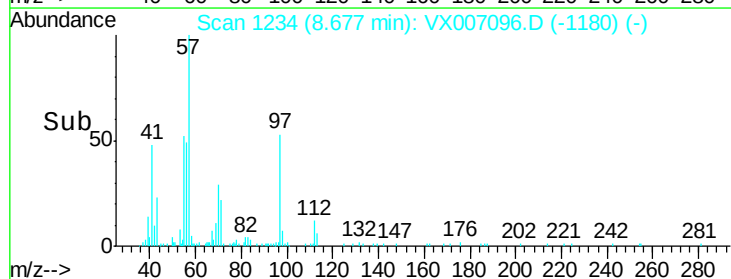
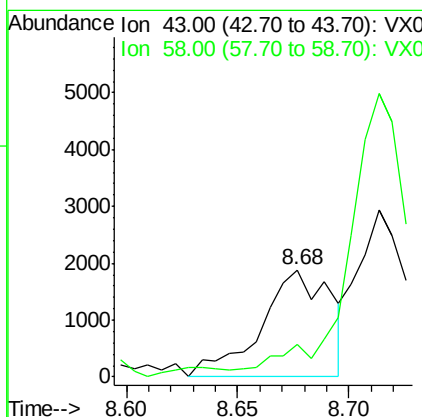
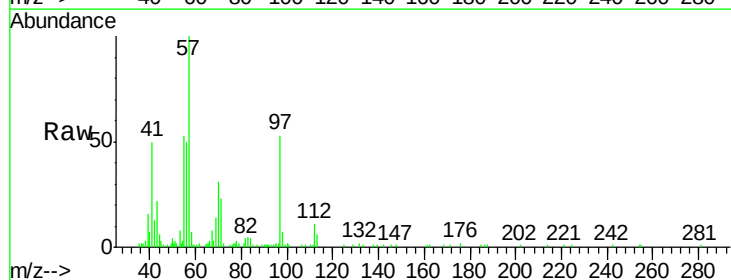
Acq: 17 Jan 2019 18:29

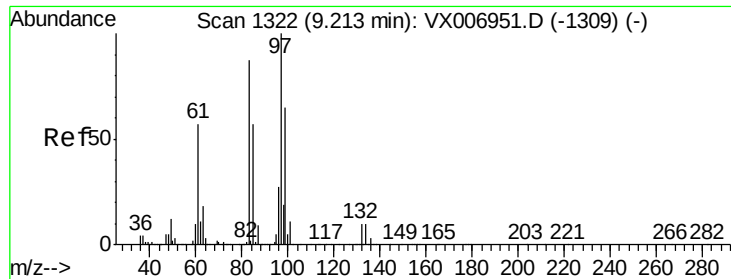
Tgt Ion: 43 Resp: 4065

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#

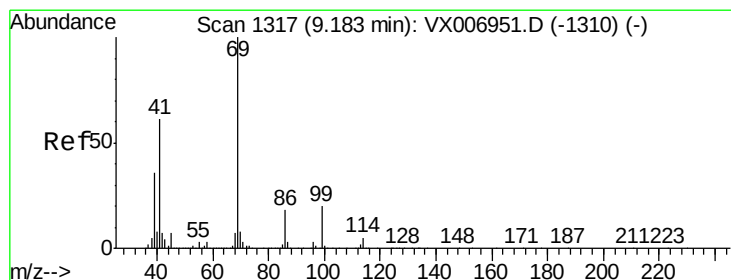
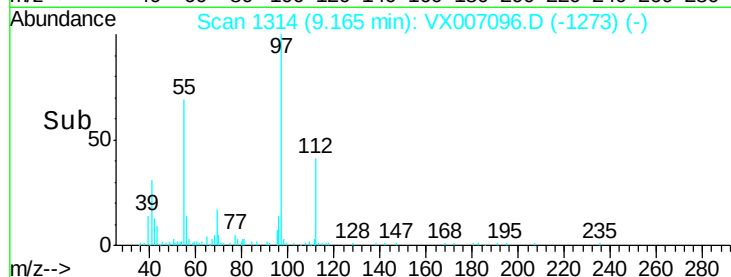
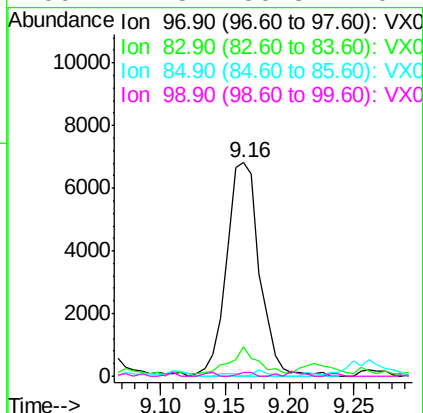
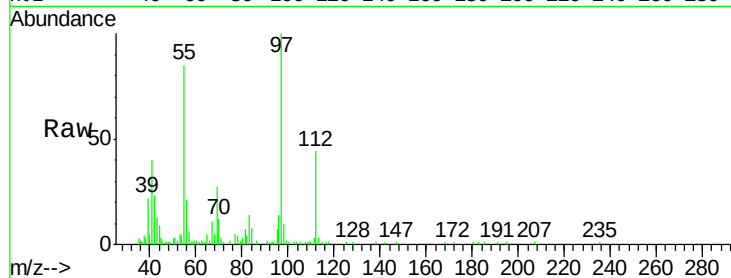




#55
1,1,2-Trichloroethane
Concen: 2.047 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX007096.D
Acq: 17 Jan 2019 18:29

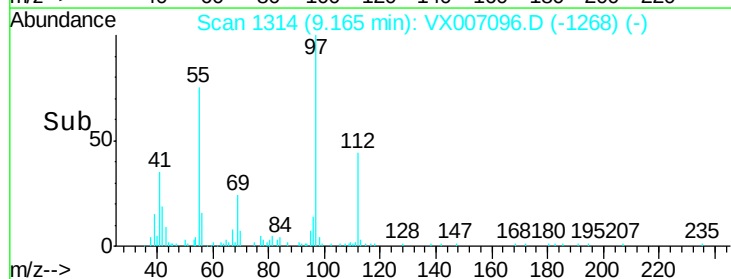
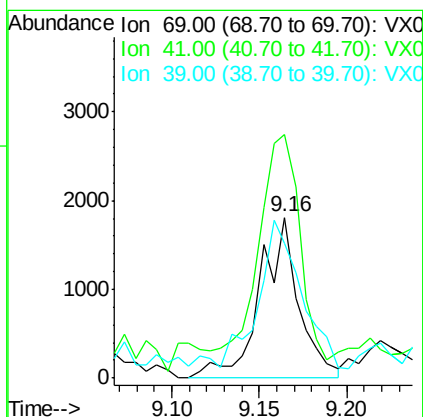
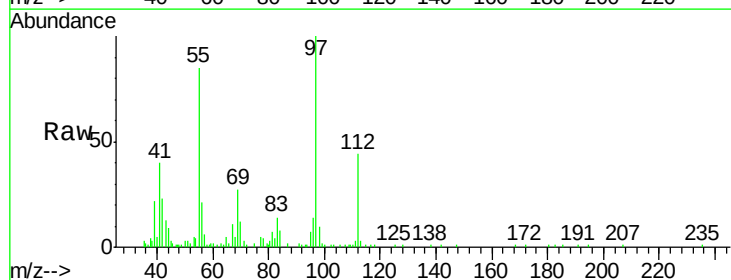
Instrument :
MSVOA_X
ClientSampleId :
ST008MW037-190114

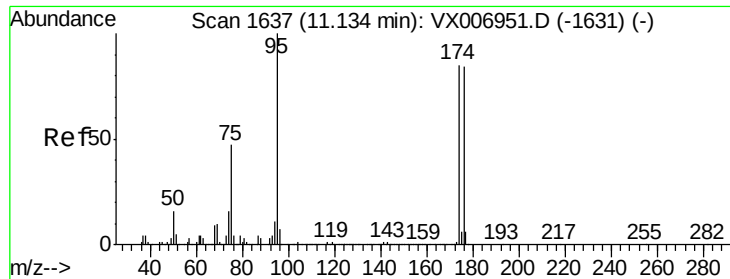
Tot Ion:	97	Resp:	12264
Ion	Ratio	Lower	Upper
97	100		
83	12.4	66.6	99.8#
85	0.0	42.7	64.1#
99	1.8	50.8	76.2#



#56
Ethyl methacrylate
Concen: 0.323 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.02 min
Lab File: VX007096.D
Acq: 17 Jan 2019 18:29

Tgt Ion:	69	Resp:	2823
Ion	Ratio	Lower	Upper
69	100		
41	143.7	48.7	73.1#
39	100.4	27.0	40.6#





#62

4-Bromofluorobenzene

Concen: 54.023 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

ST008MW037-190114

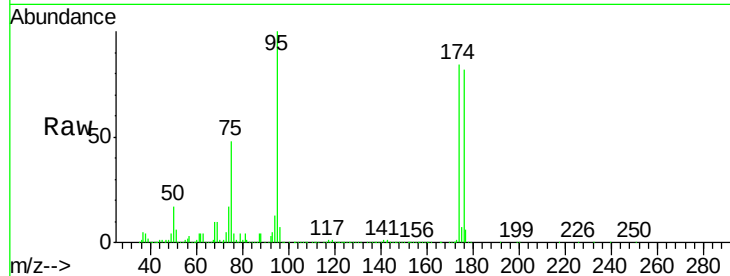
Tot Ion: 95 Resp: 387463

Ion Ratio Lower Upper

95 100

174 91.8 0.0 182.2

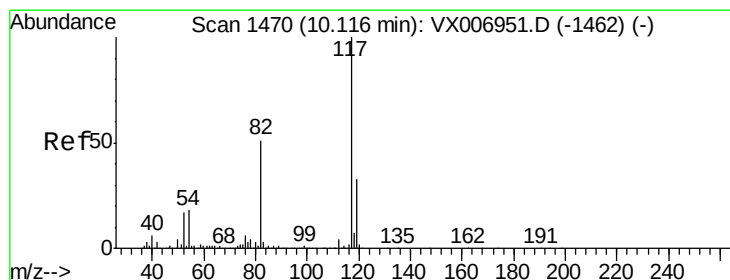
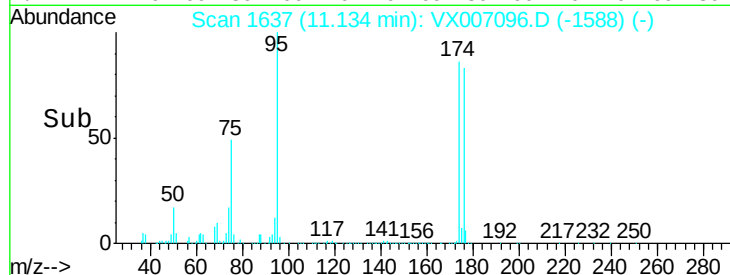
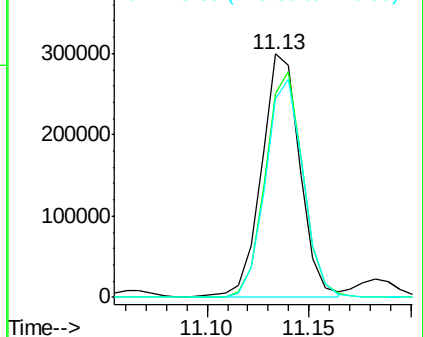
176 89.4 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

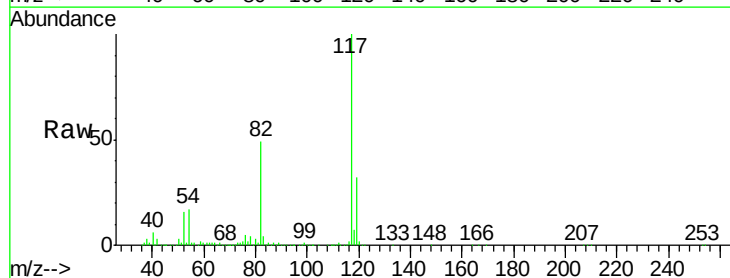
Tgt Ion: 117 Resp: 824507

Ion Ratio Lower Upper

117 100

82 48.6 41.0 61.6

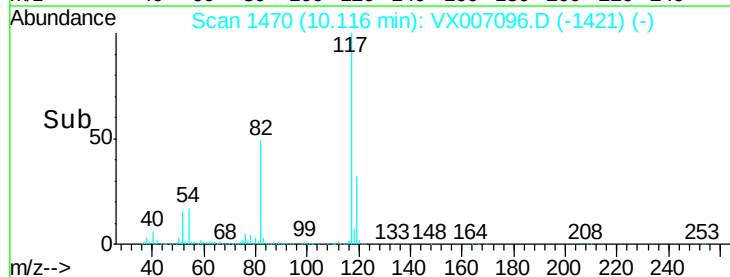
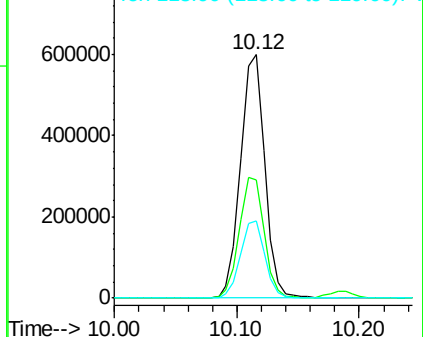
119 31.9 25.4 38.0

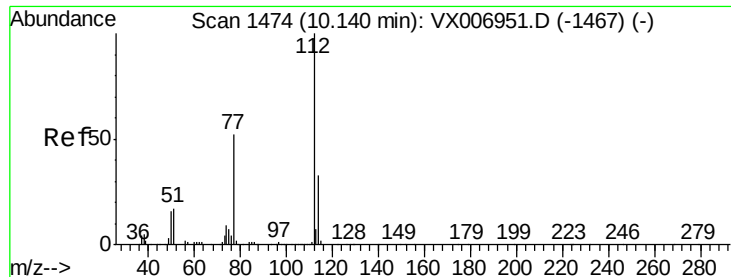


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)





#65

Chlorobenzene

Concen: 13.043 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

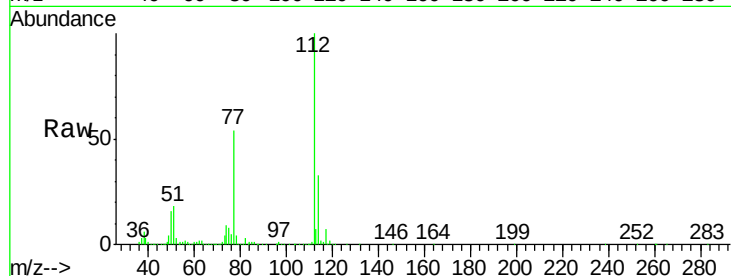
ST008MW037-190114

Tot Ion:112 Resp: 234556

Ion Ratio Lower Upper

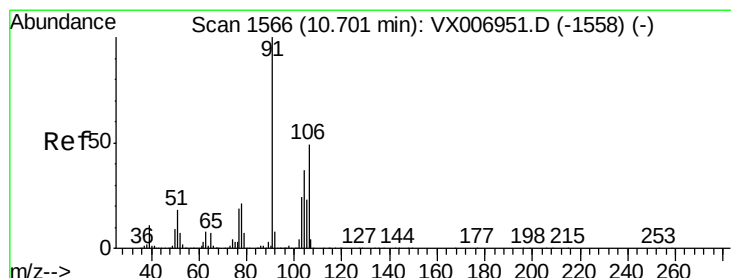
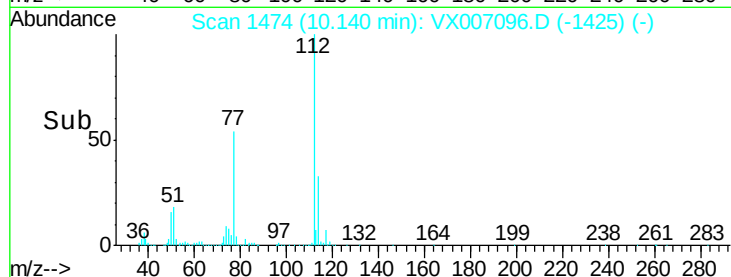
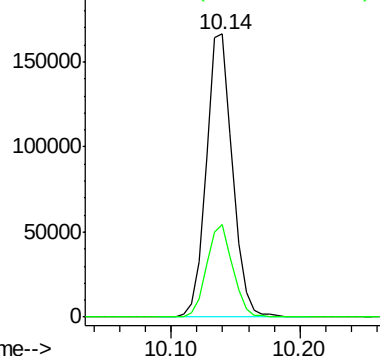
112 100

114 32.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#69

o-Xylene

Concen: 0.265 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX007096.D

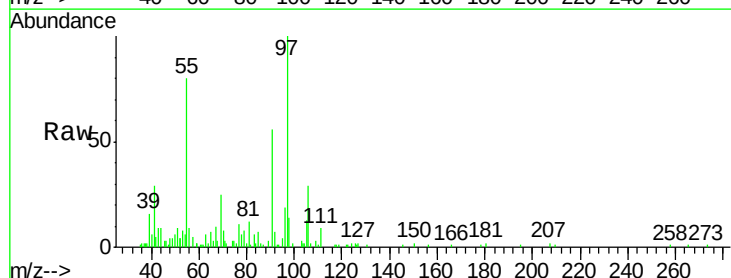
Acq: 17 Jan 2019 18:29

Tgt Ion:106 Resp: 3027

Ion Ratio Lower Upper

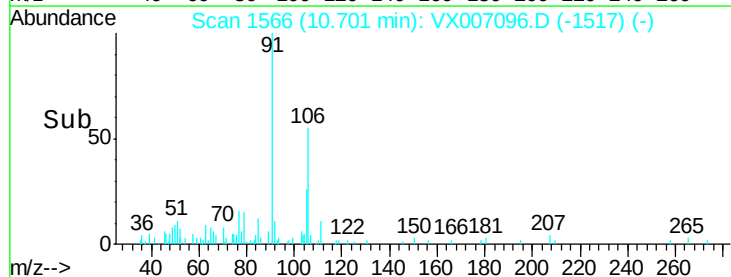
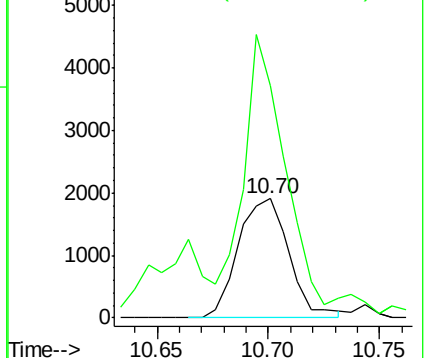
106 100

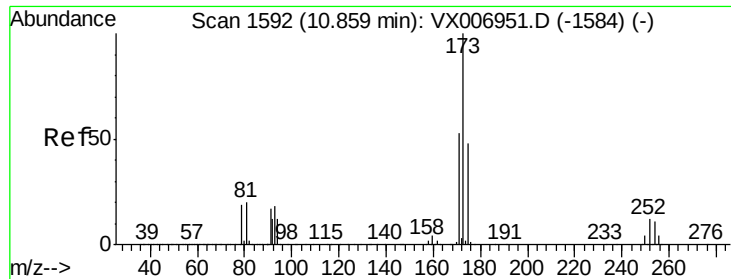
91 196.7 101.3 303.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#71

Bromoform

Concen: 4.744 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. 0.15 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

ST008MW037-190114

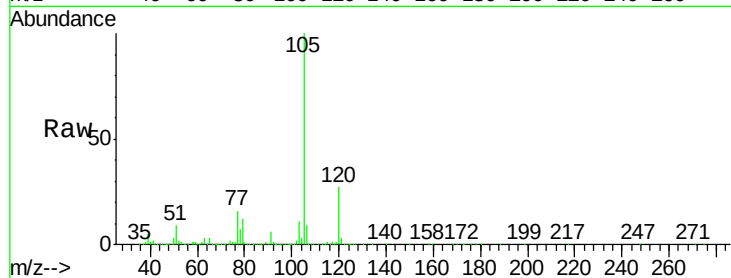
Tot Ion:173 Resp: 98

Ion Ratio Lower Upper

173 100

175 0.0 24.7 74.1#

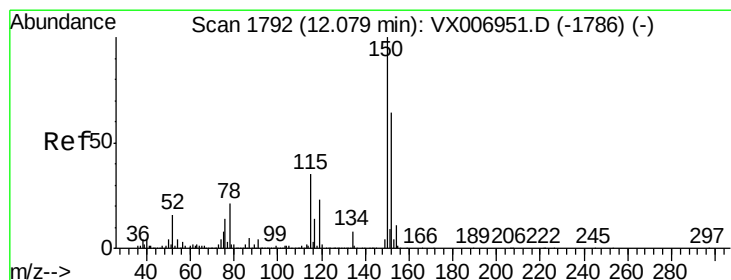
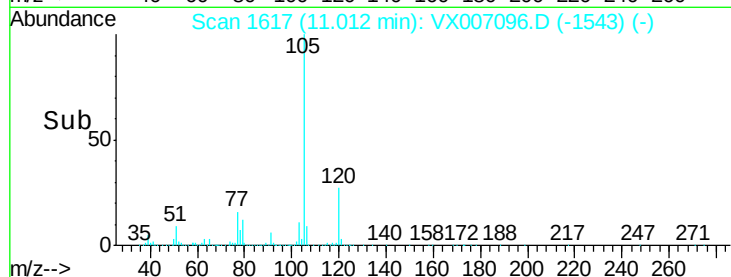
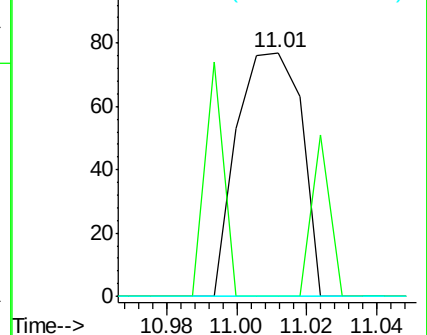
254 0.0 0.2 0.2#



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: VX007096.D

Acq: 17 Jan 2019 18:29

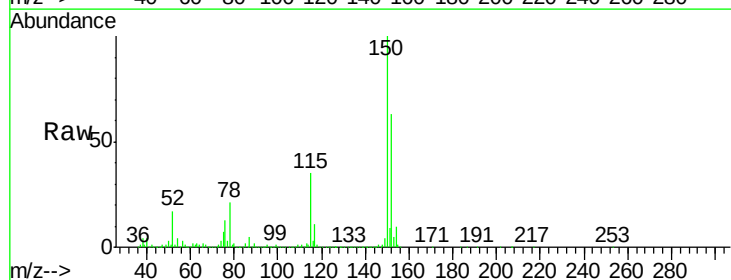
Tgt Ion:152 Resp: 416937

Ion Ratio Lower Upper

152 100

115 55.3 39.1 117.2

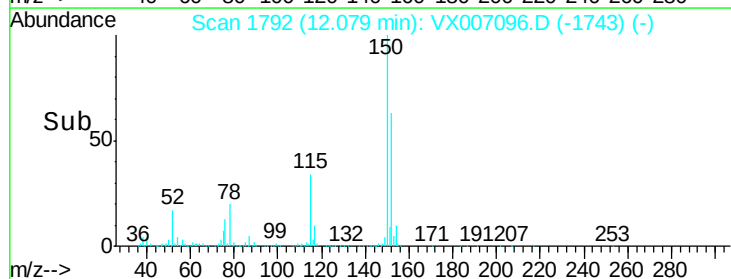
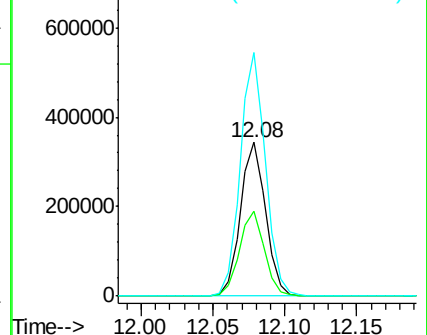
150 158.9 0.0 344.8

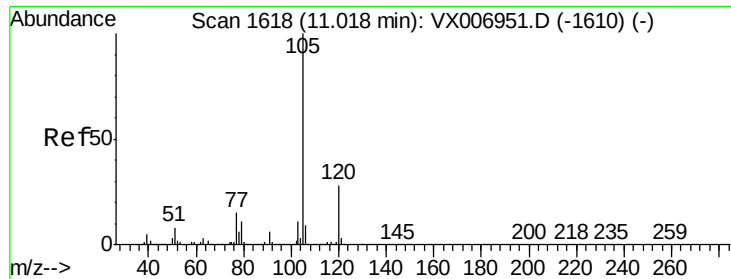


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 14.579 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

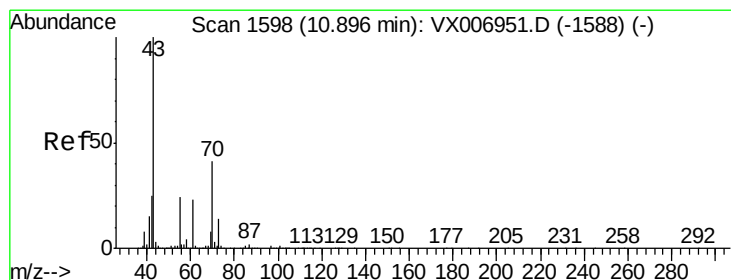
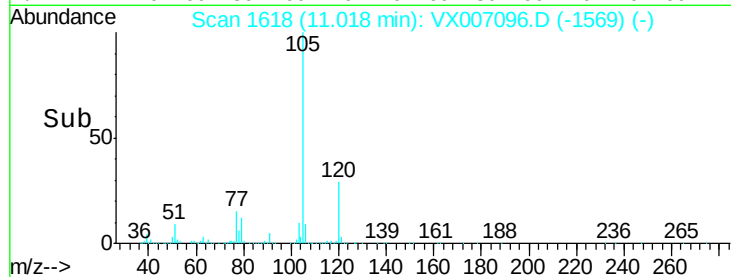
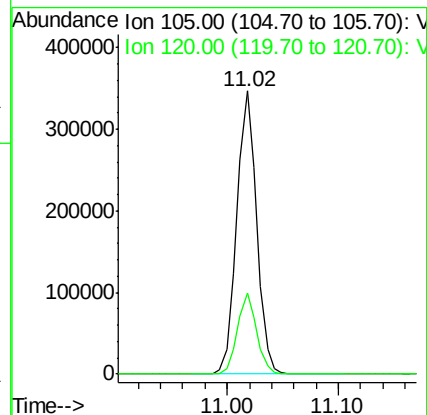
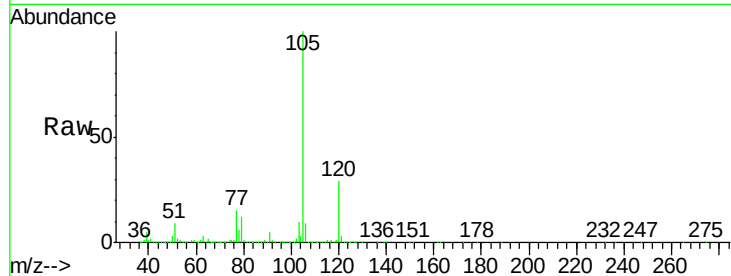
ST008MW037-190114

Tot Ion:105 Resp: 428612

Ion Ratio Lower Upper

105 100

120 27.7 14.1 42.4



#74

N-ethyl acetate

Concen: 0.280 ug/l

RT: 10.92 min Scan# 1602

Delta R.T. 0.02 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Tgt Ion: 43 Resp: 3311

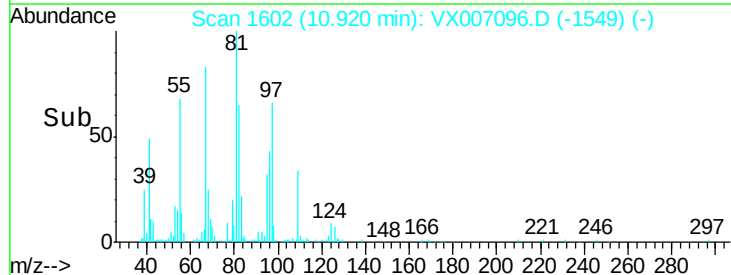
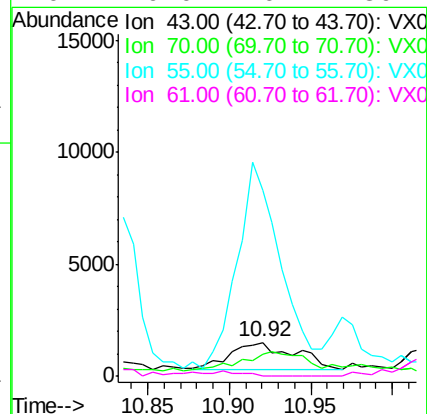
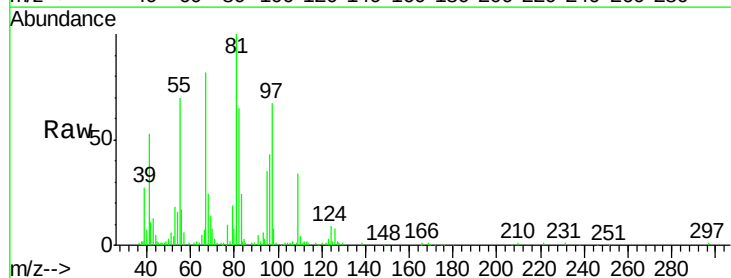
Ion Ratio Lower Upper

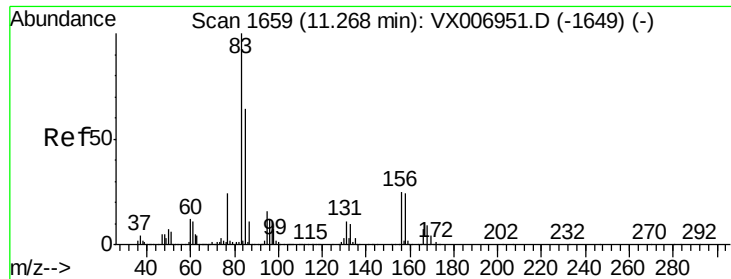
43 100

70 66.3 35.8 53.8#

55 503.4 19.4 29.0#

61 0.0 20.1 30.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.562 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

ST008MW037-190114

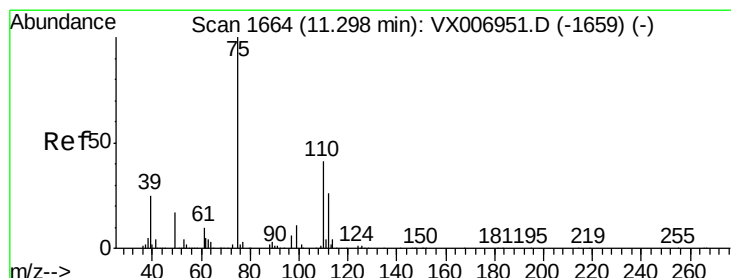
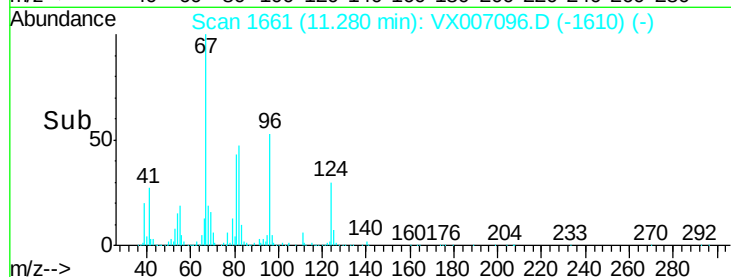
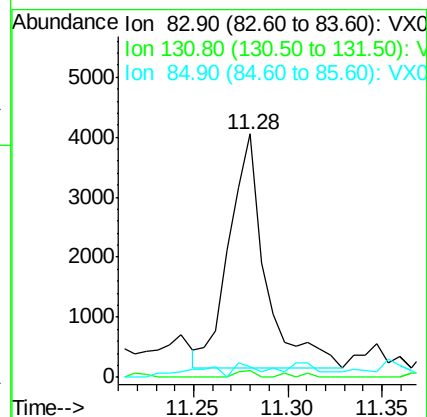
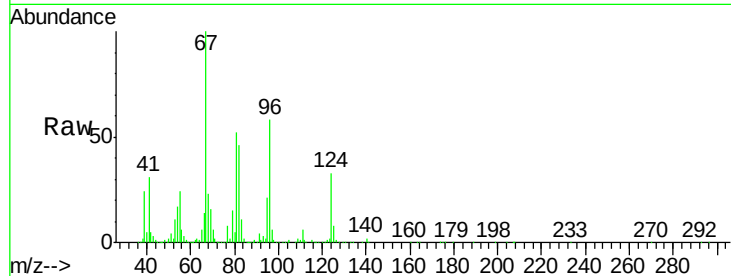
Tot Ion: 83 Resp: 5247

Ion Ratio Lower Upper

83 100

131 1.5 5.7 17.1#

85 3.7 32.2 96.6#



#76

1,2,3-Trichloropropane

Concen: 21.916 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007096.D

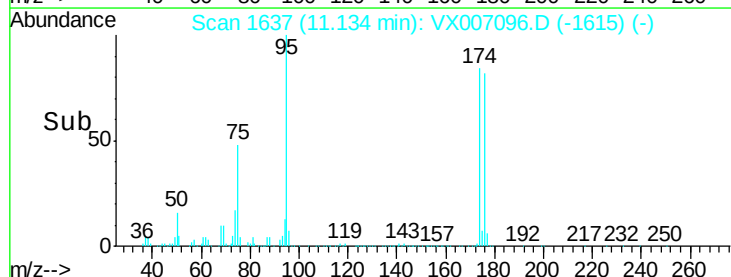
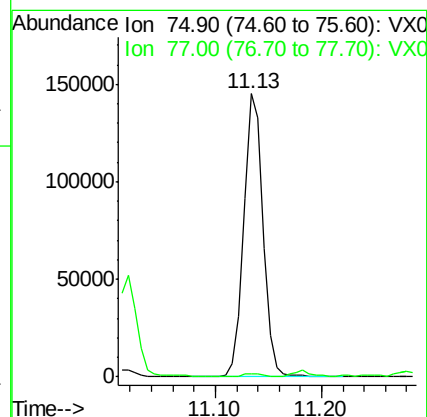
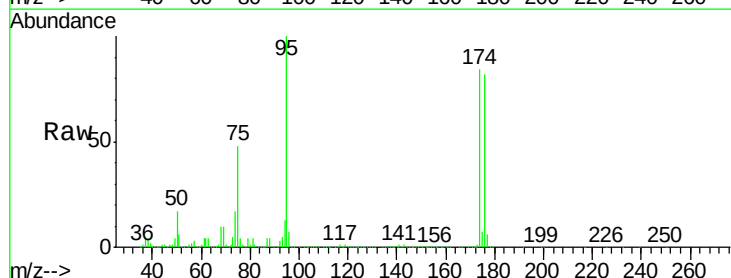
Acq: 17 Jan 2019 18:29

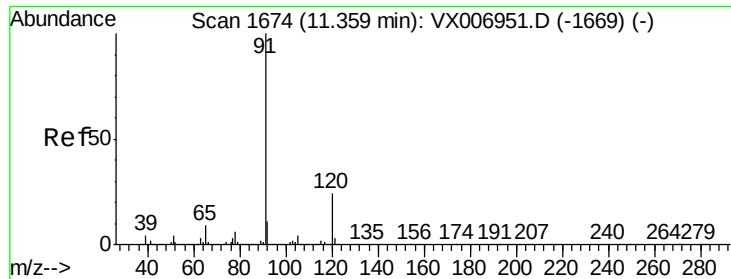
Tgt Ion: 75 Resp: 185173

Ion Ratio Lower Upper

75 100

77 1.2 18.5 55.5#





#78

n-propylbenzene

Concen: 4.856 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

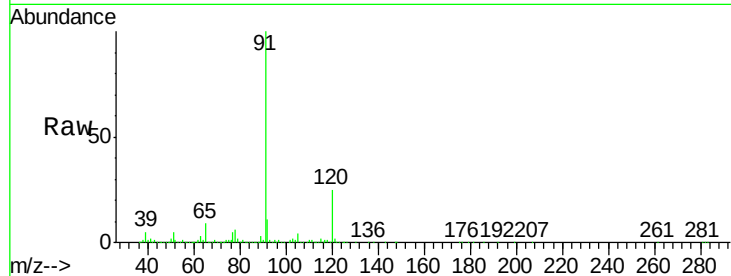
ST008MW037-190114

Tot Ion: 91 Resp: 156716

Ion Ratio Lower Upper

91 100

120 24.9 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

150000

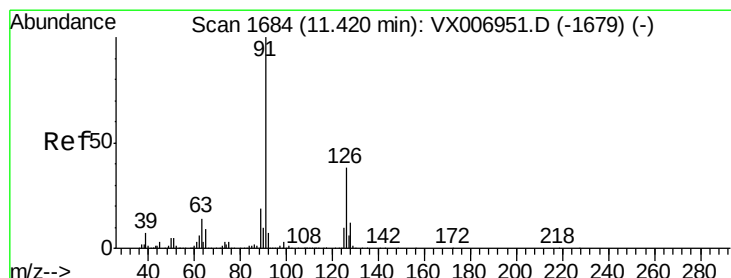
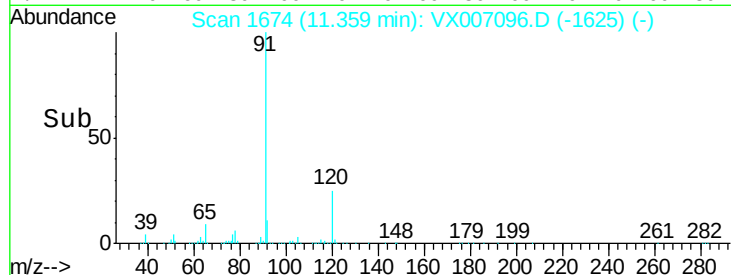
100000

50000

0

11.30 11.35 11.40

Time-->



#79

2-Chlorotoluene

Concen: 8.066 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX007096.D

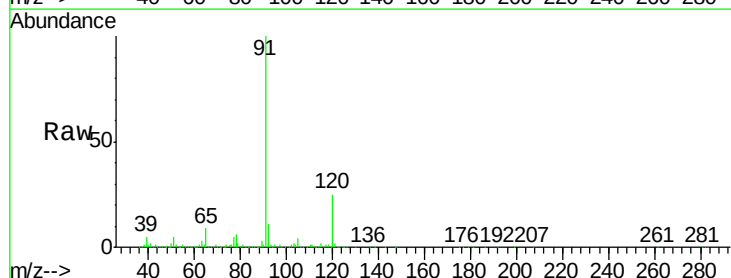
Acq: 17 Jan 2019 18:29

Tgt Ion: 91 Resp: 156716

Ion Ratio Lower Upper

91 100

126 0.0 18.6 56.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

150000

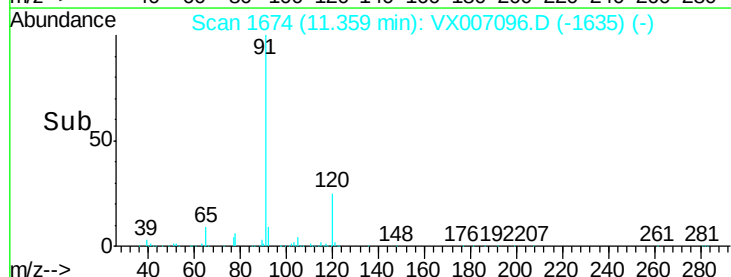
100000

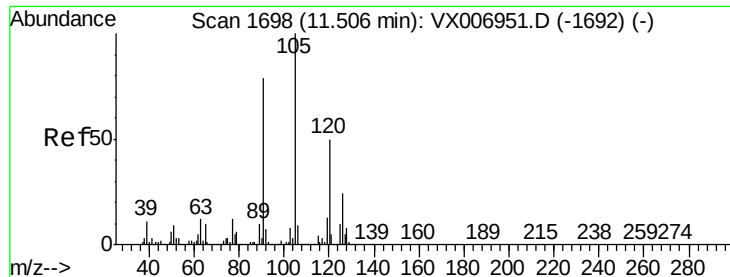
50000

0

11.30 11.35 11.40

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.531 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.16 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

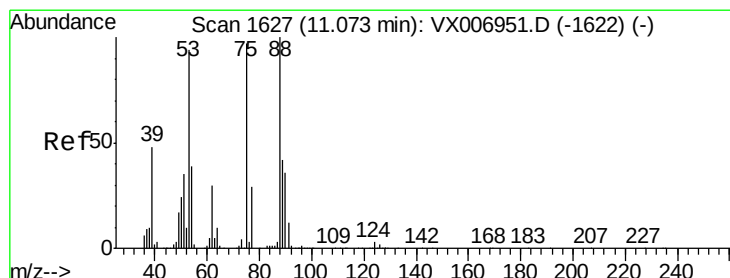
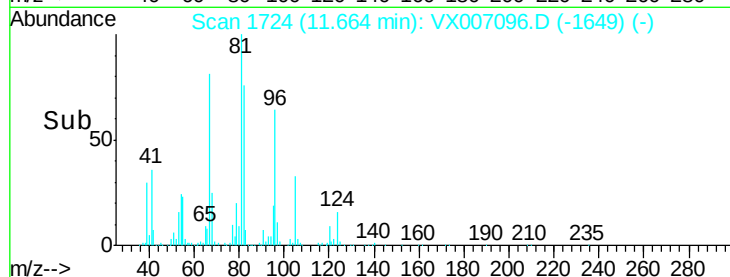
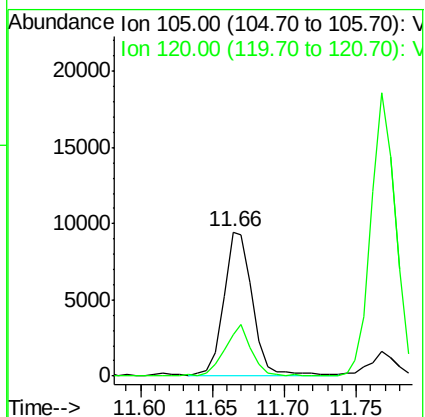
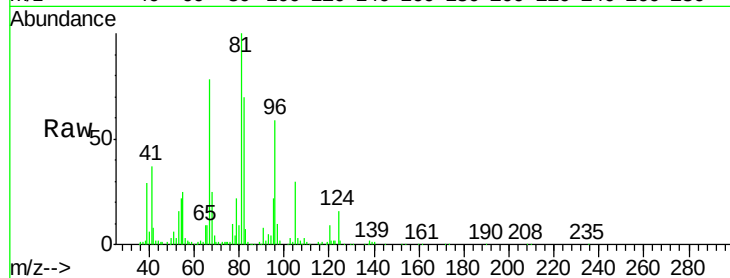
ST008MW037-190114

Tot Ion:105 Resp: 13052

Ion Ratio Lower Upper

105 100

120 34.6 25.1 75.3



#81

trans-1,4-Dichloro-2-butene

Concen: 64.920 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

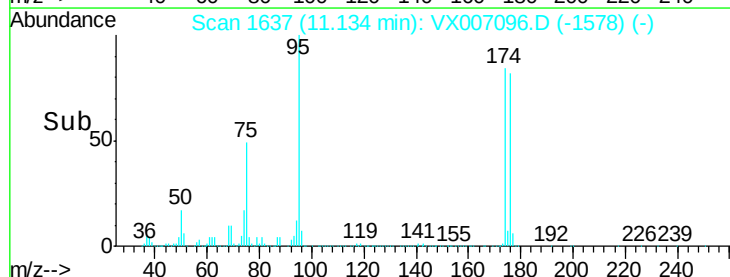
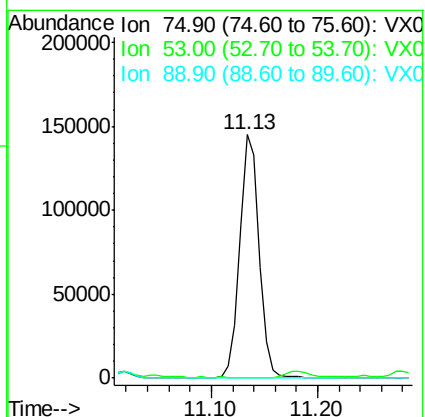
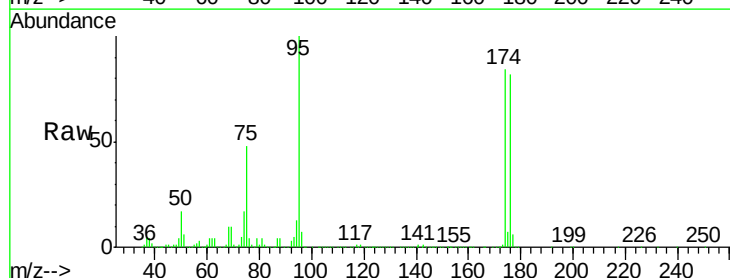
Tgt Ion: 75 Resp: 185173

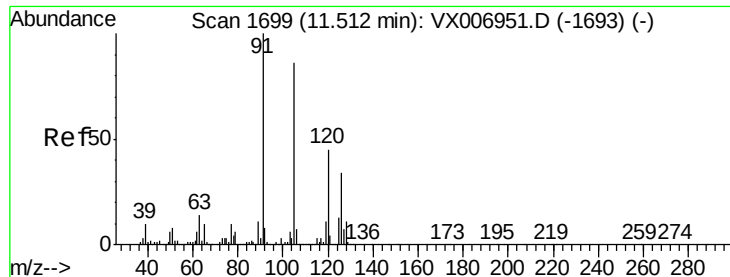
Ion Ratio Lower Upper

75 100

53 0.0 79.7 119.5#

89 0.0 38.0 57.0#





#82

4-Chlorotoluene

Concen: 6.967 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

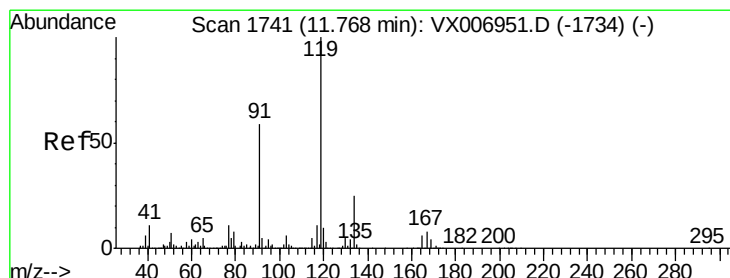
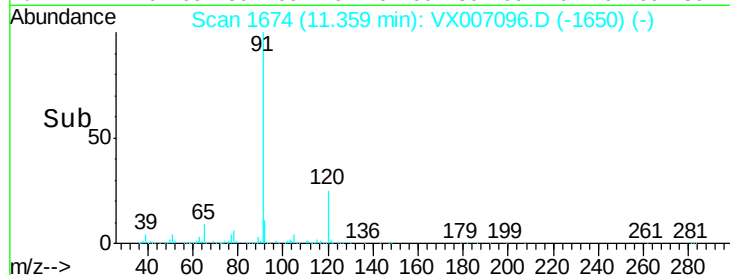
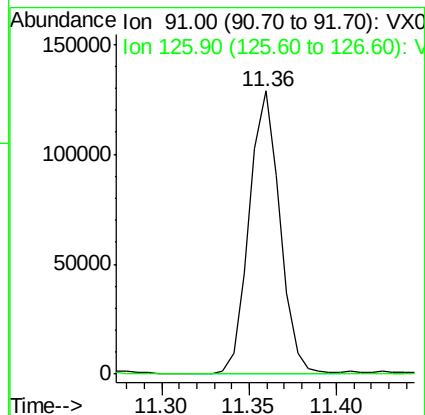
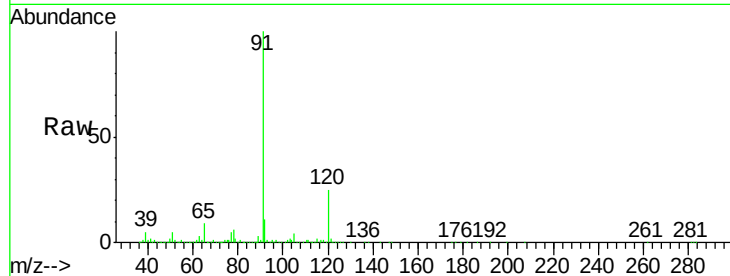
ST008MW037-190114

Tot Ion: 91 Resp: 156716

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.9#



#83

tert-Butylbenzene

Concen: 8.930 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

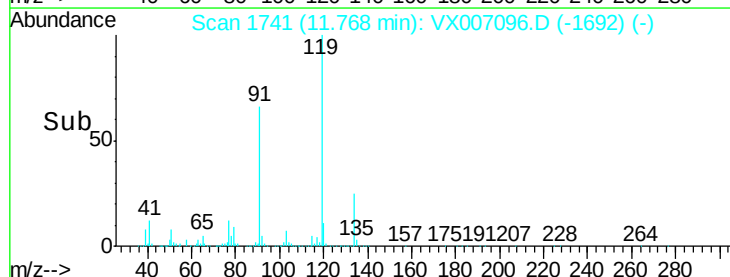
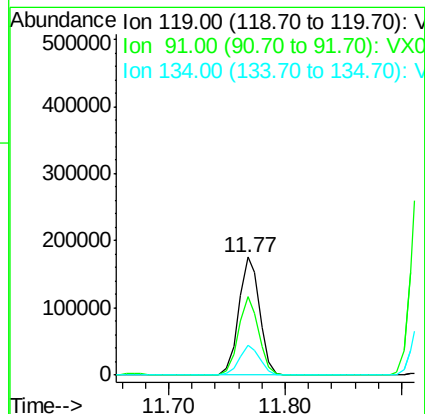
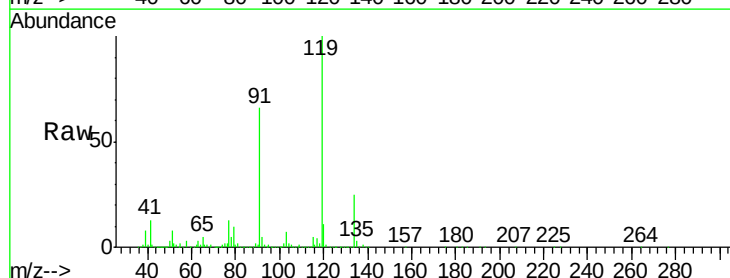
Tgt Ion: 119 Resp: 218881

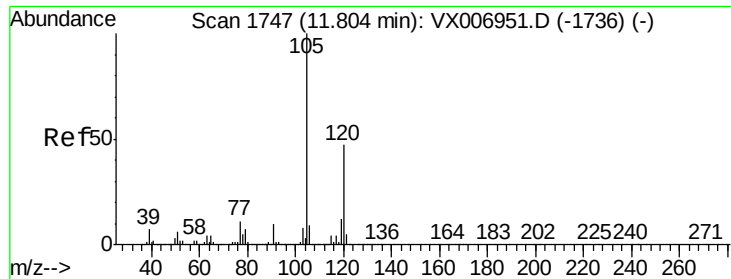
Ion Ratio Lower Upper

119 100

91 65.0 27.7 83.1

134 25.0 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 36.124 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.14 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

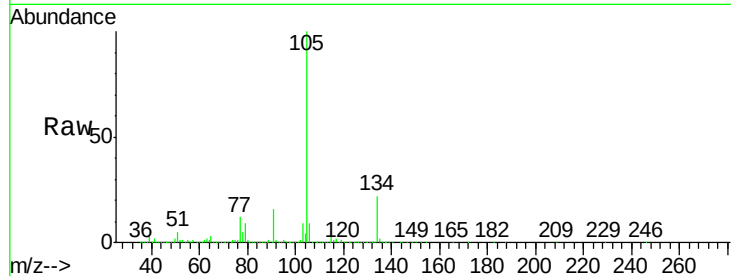
ST008MW037-190114

Tot Ion:105 Resp: 892373

Ion Ratio Lower Upper

105 100

120 0.2 23.2 69.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.94

800000

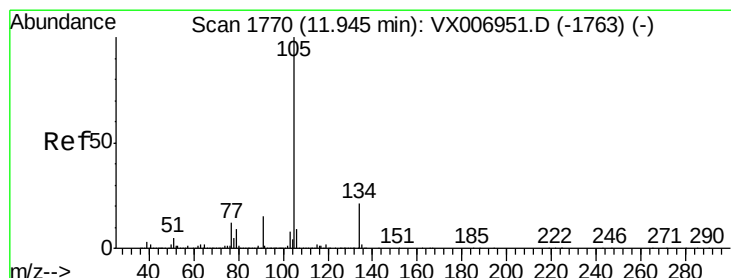
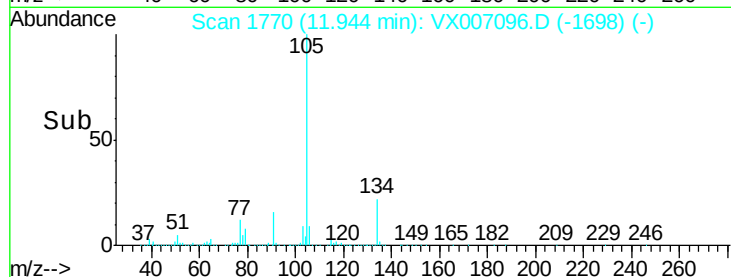
600000

400000

200000

0

Time-->



#85

sec-Butylbenzene

Concen: 30.489 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007096.D

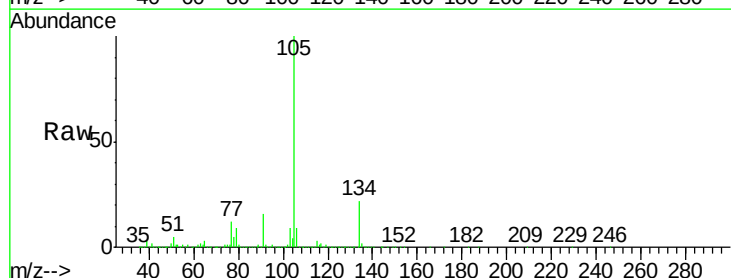
Acq: 17 Jan 2019 18:29

Tgt Ion:105 Resp: 892473

Ion Ratio Lower Upper

105 100

134 19.7 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

800000

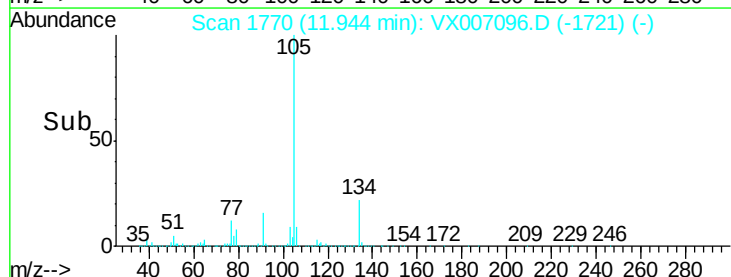
600000

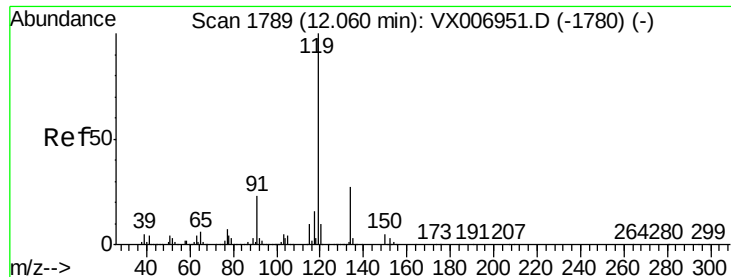
400000

200000

0

Time-->





#86

p-Isopropyltoluene

Concen: 34.385 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

ST008MW037-190114

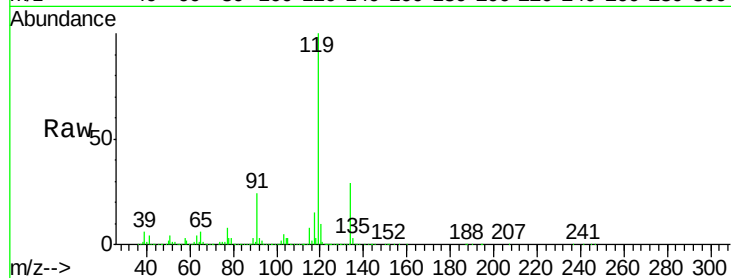
Tot Ion:119 Resp: 900300

Ion Ratio Lower Upper

119 100

134 28.9 14.0 41.9

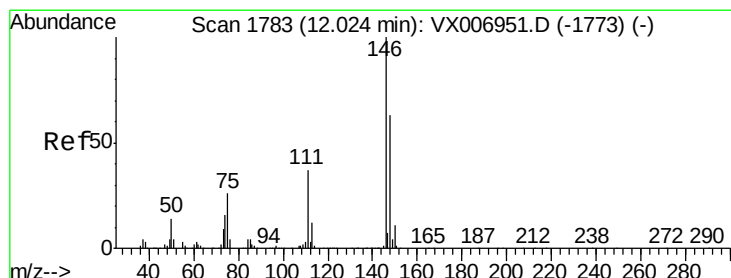
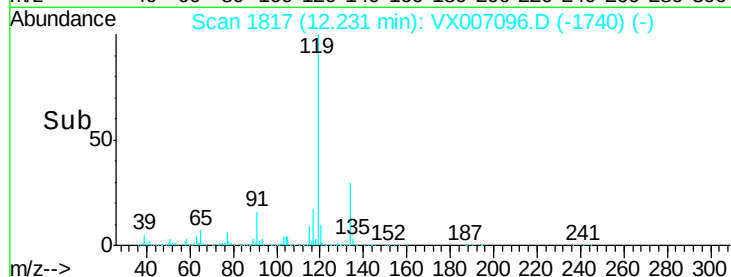
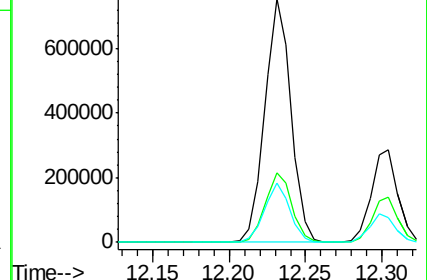
91 23.6 11.3 33.9



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): V



#87

1,3-Dichlorobenzene

Concen: 1.359 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

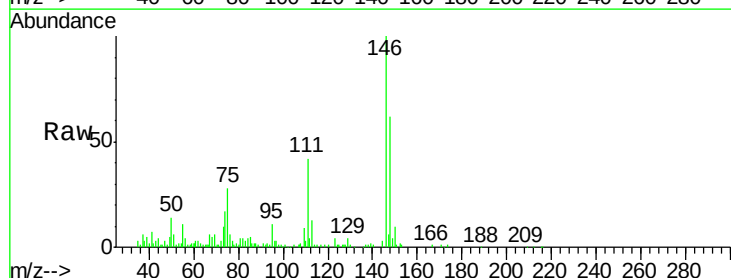
Tgt Ion:146 Resp: 19892

Ion Ratio Lower Upper

146 100

111 41.9 18.6 55.8

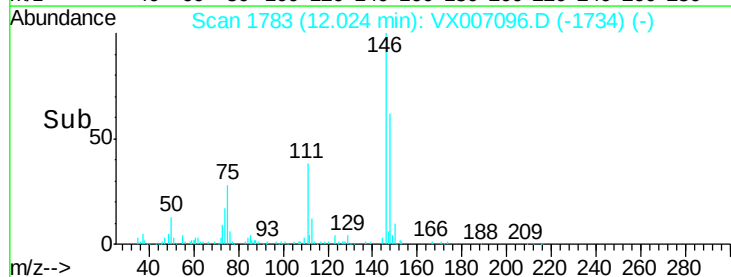
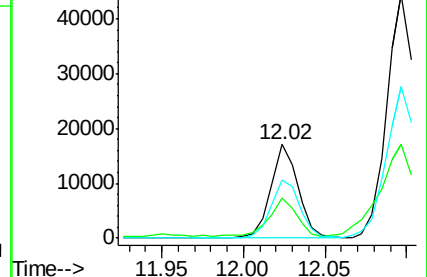
148 66.7 31.8 95.3

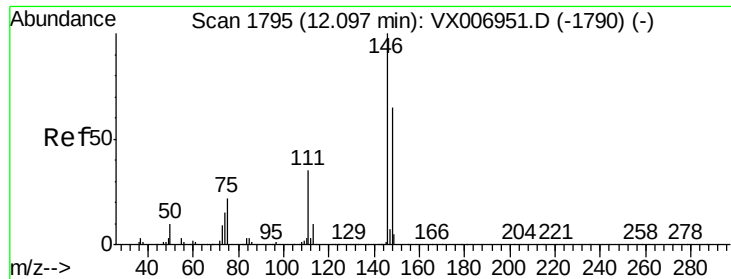


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 4.103 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

ST008MW037-190114

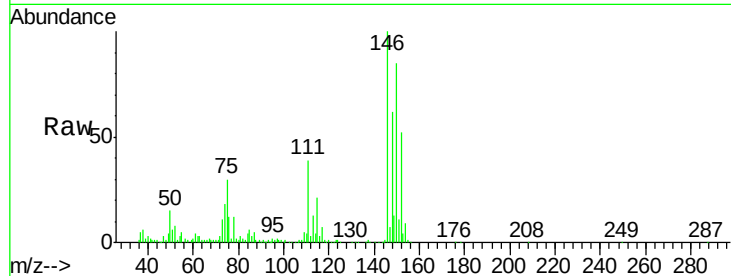
Tot Ion:146 Resp: 55073

Ion Ratio Lower Upper

146 100

111 45.7 18.1 54.1

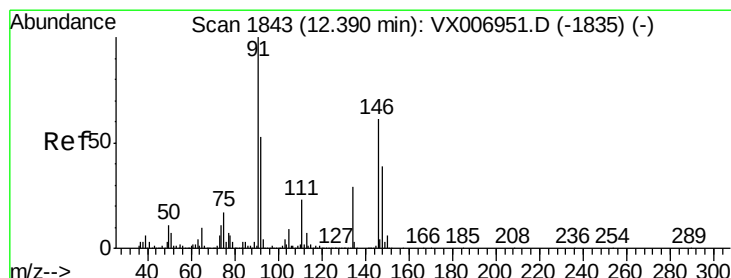
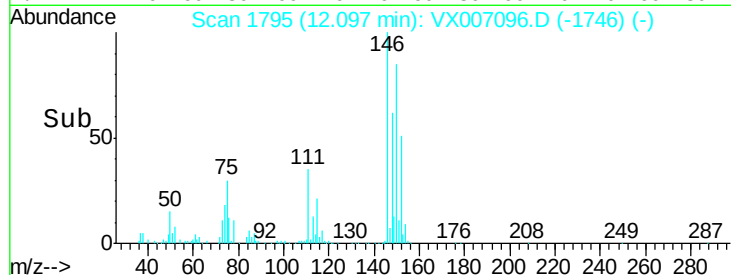
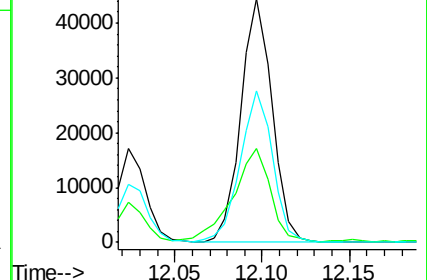
148 65.0 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 2.235 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

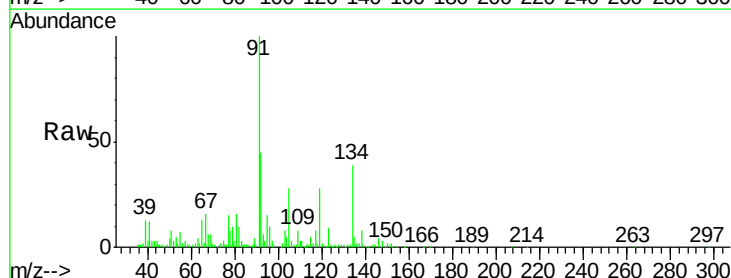
Tgt Ion: 91 Resp: 49880

Ion Ratio Lower Upper

91 100

92 34.9 26.8 80.4

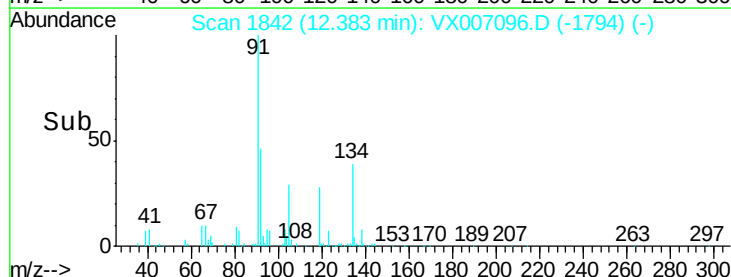
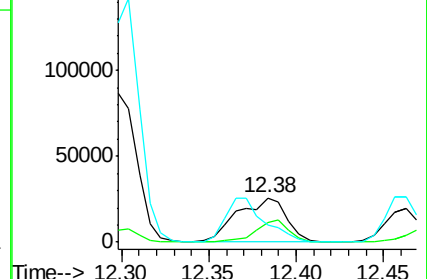
134 0.0 14.4 43.2#

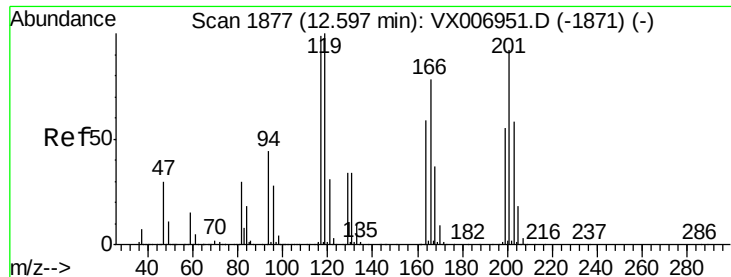


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 70.402 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

Instrument :

MSVOA_X

ClientSampleId :

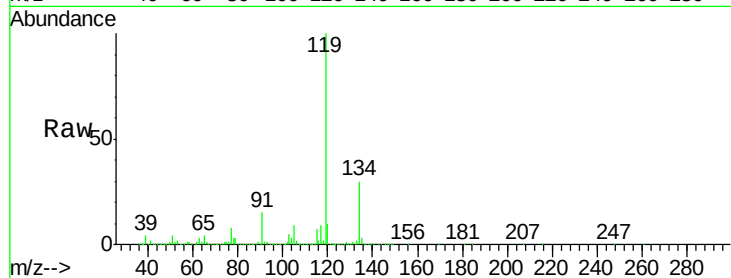
ST008MW037-190114

Tot Ion:117 Resp: 299539

Ion Ratio Lower Upper

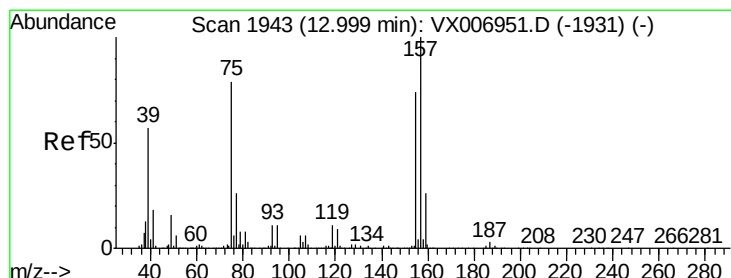
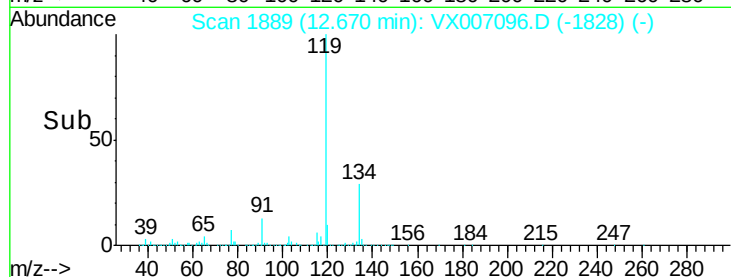
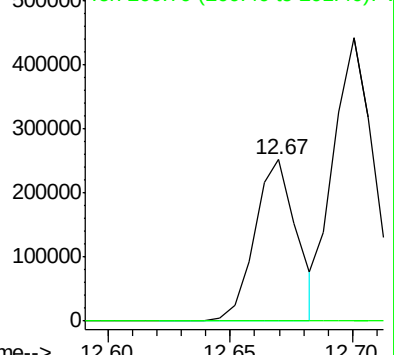
117 100

201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.432 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX007096.D

Acq: 17 Jan 2019 18:29

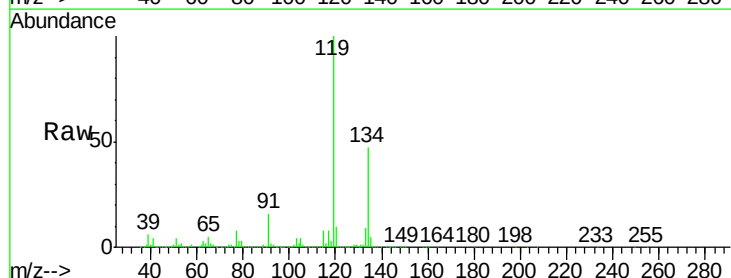
Tgt Ion: 75 Resp: 11873

Ion Ratio Lower Upper

75 100

155 0.0 50.6 151.8#

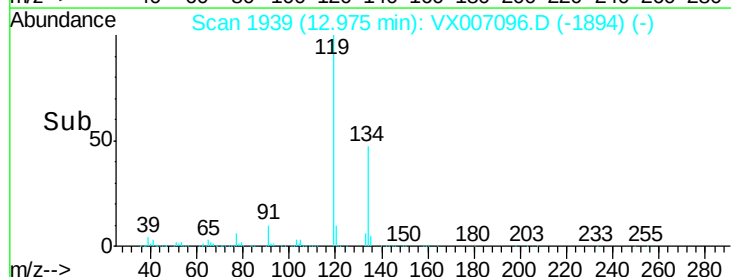
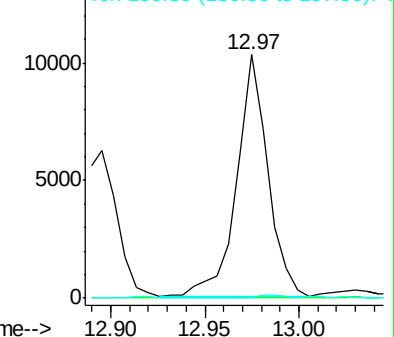
157 1.0 64.6 193.8#

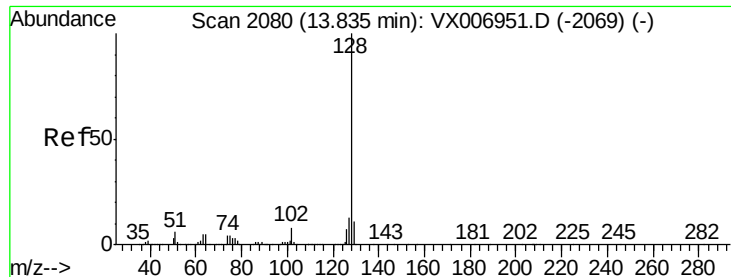


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 0.262 ug/l
RT: 13.80 min Scan# 2075
Delta R.T. -0.03 min
Lab File: VX007096.D
Acq: 17 Jan 2019 18:29

Instrument :
MSVOA_X
ClientSampleId :
ST008MW037-190114

Tot Ion	Ratio	Lower	Upper
128	100		
127	27.6	10.1	15.1#
129	81.6	8.6	13.0#

