

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
 Data File : VX007136.D
 Acq On : 18 Jan 2019 15:48
 Operator : JC/SP
 Sample : K1195-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW082-160116

Quant Time: Jan 18 21:51:50 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	513513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	787300	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	748020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	373716	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	275455	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	5.51	113	246719	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.71	98	947299	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.13	95	341884	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	83843	15.877	ug/l	99
11) Tert butyl alcohol	3.07	59	1739	1.374	ug/l #	78
12) 1,1-Dichloroethene	2.38	96	1228	0.260	ug/l #	44
13) Acrolein	2.31	56	399	3.806	ug/l #	51
14) Allyl chloride	2.61	41	2776	0.343	ug/l #	70
15) Acrylonitrile	3.17	53	648	0.223	ug/l #	1
16) Acetone	2.44	43	2034	0.767	ug/l #	82
17) Carbon Disulfide	2.58	76	2695	0.222	ug/l #	76
18) Methyl Acetate	2.78	43	1884	0.245	ug/l #	49
20) Methylene Chloride	2.86	84	1663	Below Cal	#	49
21) trans-1,2-Dichloroethene	3.16	96	2211	0.420	ug/l #	62
25) 2-Butanone	4.73	43	763	0.201	ug/l #	47
27) cis-1,2-Dichloroethene	4.60	96	233237	40.204	ug/l	93
29) Tetrahydrofuran	5.15	42	574	0.233	ug/l #	84
31) Cyclohexane	5.58	56	4110	0.543	ug/l #	83
36) 1,1-Dichloropropene	5.67	75	33285	4.863	ug/l #	48
38) Carbon Tetrachloride	5.66	117	45885	6.663	ug/l #	15
39) Methylcyclohexane	7.46	83	5180	0.594	ug/l #	72
40) Benzene	6.14	78	17549	0.840	ug/l	92
42) 1,2-Dichloroethane	6.20	62	3926	0.544	ug/l	90
43) Isopropyl Acetate	6.34	43	18596	1.607	ug/l #	62
44) Trichloroethene	7.21	130	2890	0.462	ug/l	99
49) 1,4-Dioxane	7.77	88	133	Below Cal	#	1
64) Tetrachloroethene	9.34	164	2914	0.450	ug/l	93
65) Chlorobenzene	10.14	112	800510	49.067	ug/l	98
73) Isopropylbenzene	11.02	105	6734	0.256	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	167415	22.106	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	167415	65.449	ug/l #	10
83) tert-Butylbenzene	11.77	119	48177	2.193	ug/l	91
85) sec-Butylbenzene	11.94	105	31316	1.194	ug/l #	55
86) p-Isopropyltoluene	12.23	119	232020	9.886	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	4520	0.344	ug/l	94
88) 1,4-Dichlorobenzene	12.02	146	4520	0.507	ug/l	93
90) Hexachloroethane	12.66	117	1269	3.227	ug/l #	6

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007136.D
Acq On : 18 Jan 2019 15:48
Operator : JC/SP
Sample : K1195-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS038RW082-160116

Quant Time: Jan 18 21:51:50 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

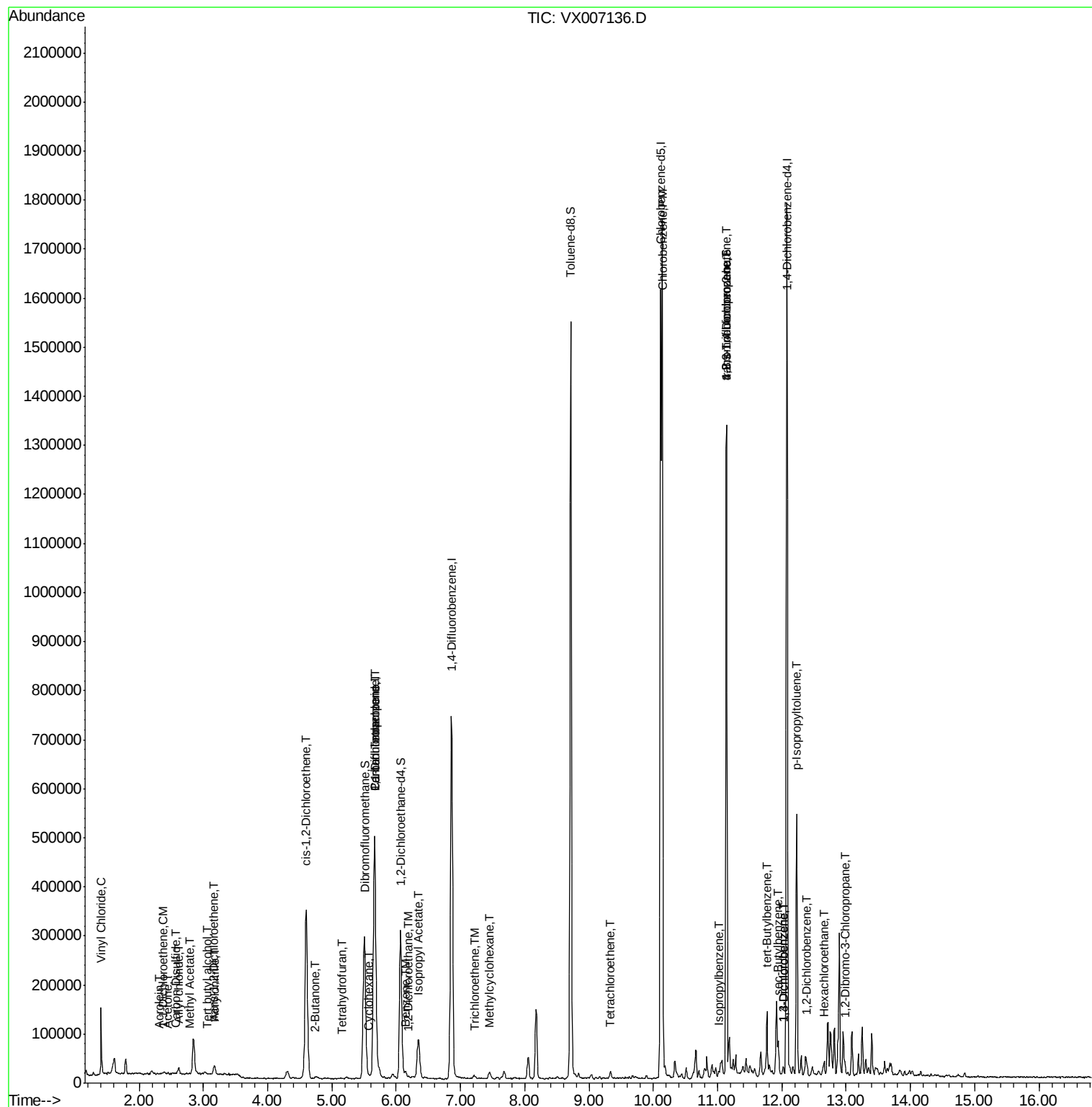
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.39	146	6915	0.534	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	372	0.225	ug/l #	1

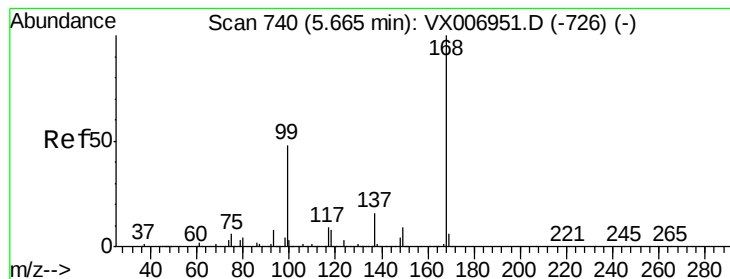
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007136.D
Acq On : 18 Jan 2019 15:48
Operator : JC/SP
Sample : K1195-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS038RW082-160116

Quant Time: Jan 18 21:51:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

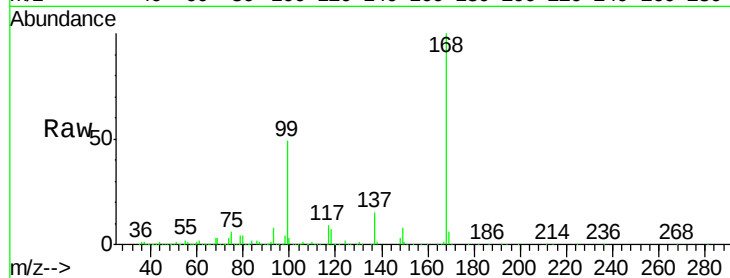
SS038RW082-160116

Tot Ion:168 Resp: 513513

Ion Ratio Lower Upper

168 100

99 48.6 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

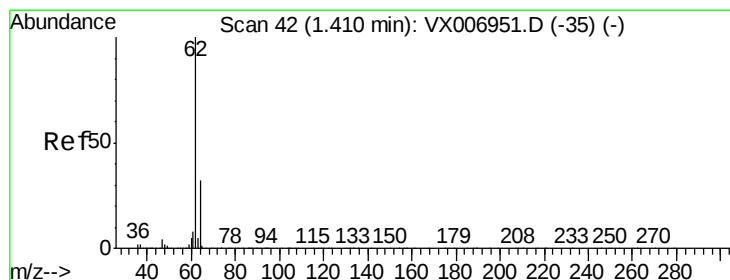
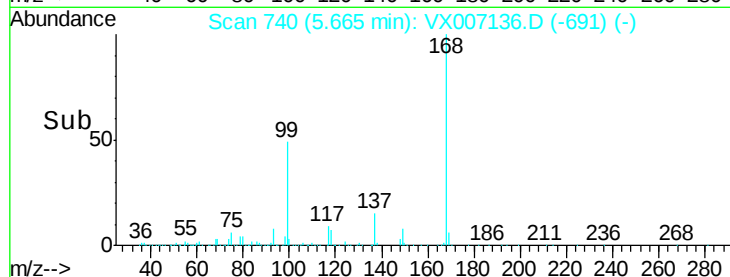
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 15.877 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007136.D

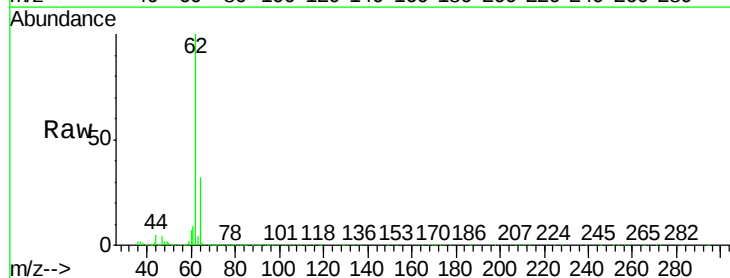
Acq: 18 Jan 2019 15:48

Tgt Ion: 62 Resp: 83843

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

80000

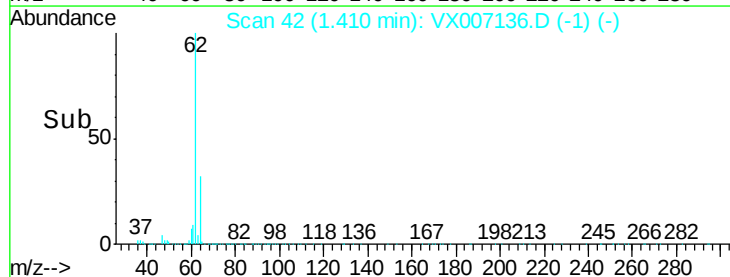
60000

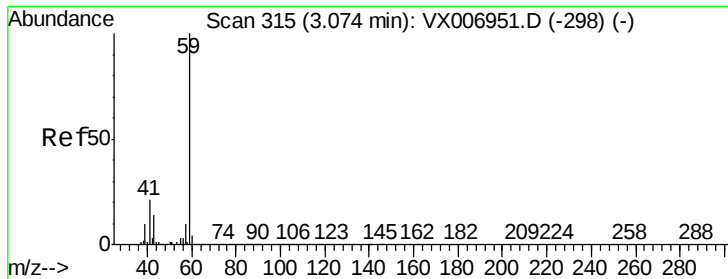
40000

20000

0

Time--> 1.35 1.40 1.45 1.50



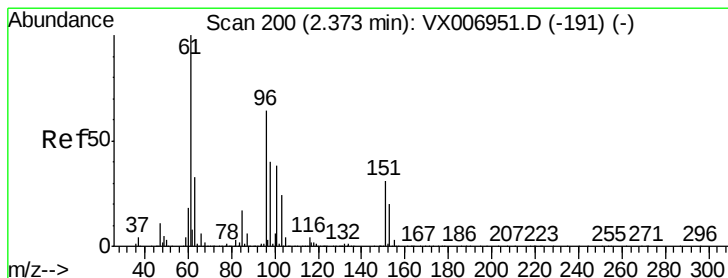
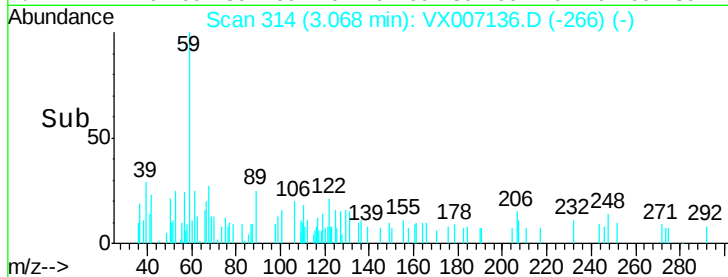
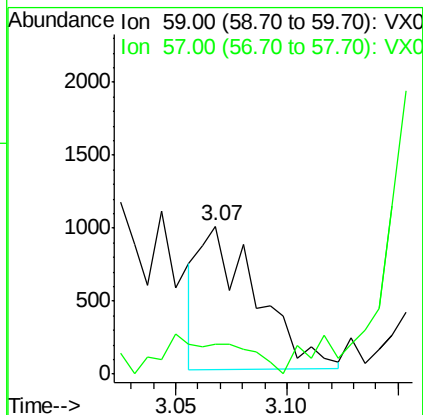
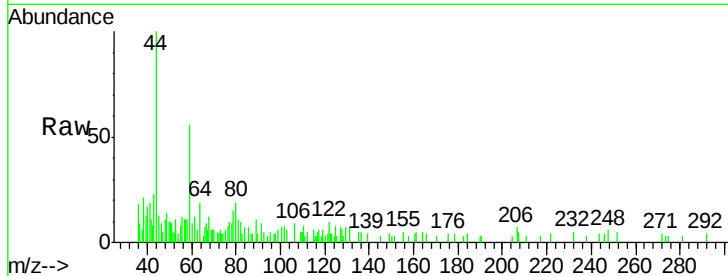


#11

Tert butyl alcohol
Concen: 1.374 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007136.D
Acq: 18 Jan 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
SS038RW082-160116

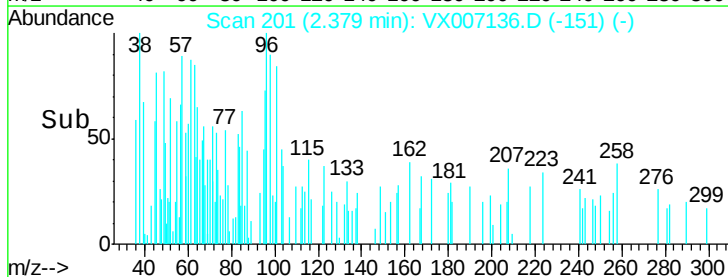
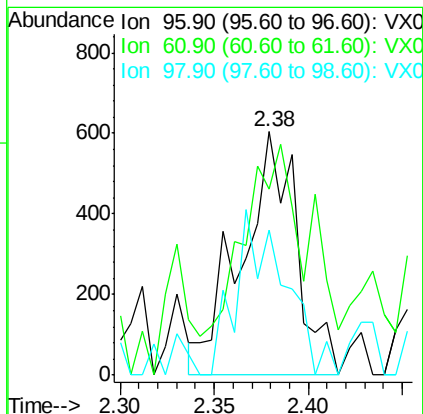
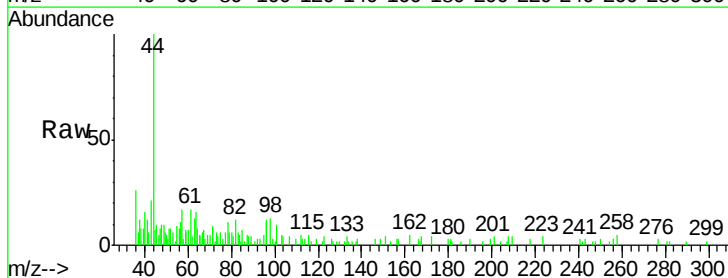
Tot Ion: 59 Resp: 1739
Ion Ratio Lower Upper
59 100
57 18.7 8.5 12.7#

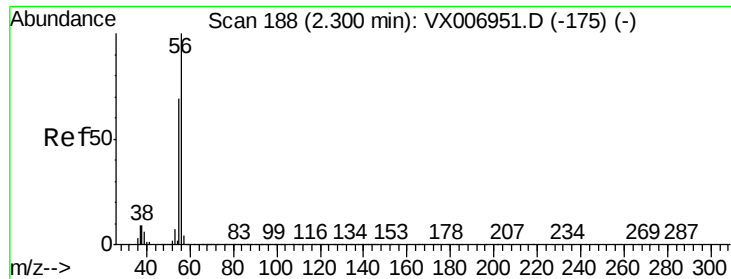


#12

1,1-Dichloroethene
Concen: 0.260 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007136.D
Acq: 18 Jan 2019 15:48

Tgt Ion: 96 Resp: 1228
Ion Ratio Lower Upper
96 100
61 53.6 121.4 182.2#
98 59.4 51.9 77.9





#13

Acrolein

Concen: 3.806 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

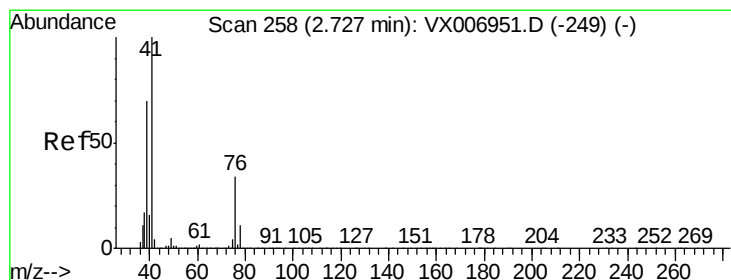
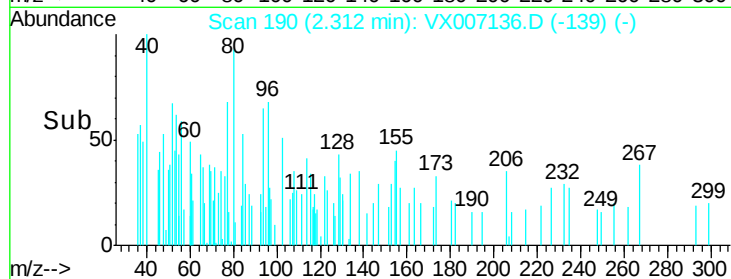
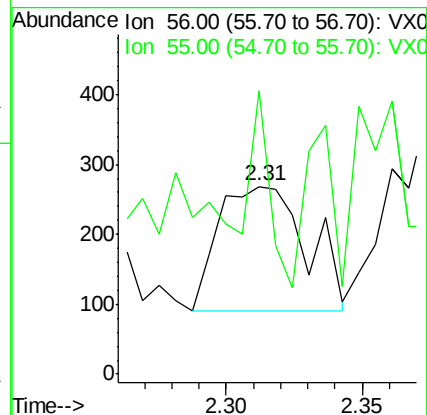
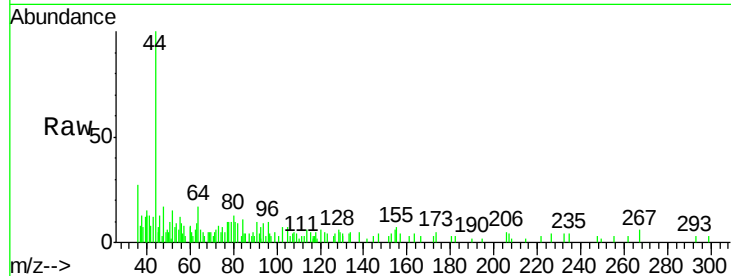
SS038RW082-160116

Tot Ion: 56 Resp: 399

Ion Ratio Lower Upper

56 100

55 31.3 58.2 87.4#



#14

Allyl chloride

Concen: 0.343 ug/l

RT: 2.61 min Scan# 239

Delta R.T. -0.12 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

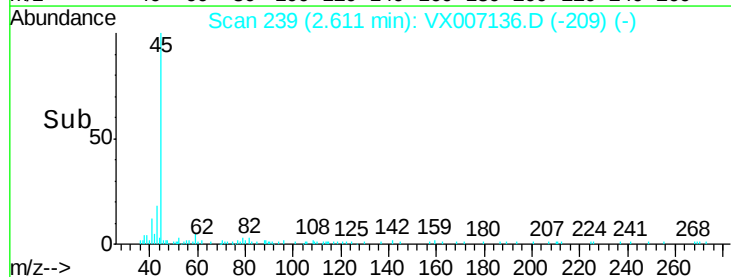
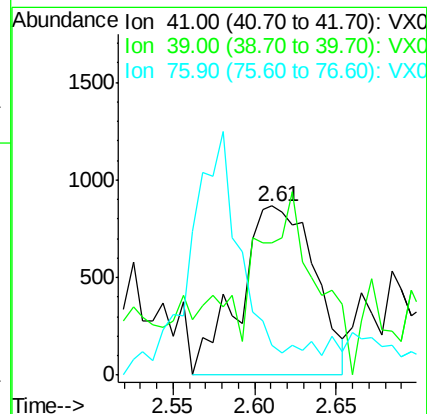
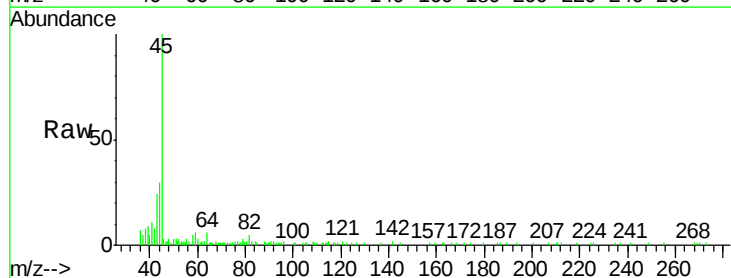
Tgt Ion: 41 Resp: 2776

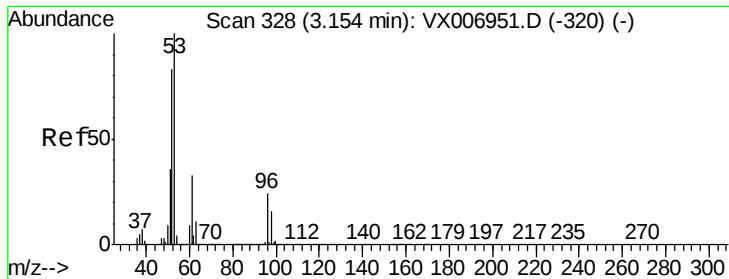
Ion Ratio Lower Upper

41 100

39 78.9 53.6 80.4

76 0.0 27.4 41.2#





#15

Acrylonitrile

Concen: 0.223 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

SS038RW082-160116

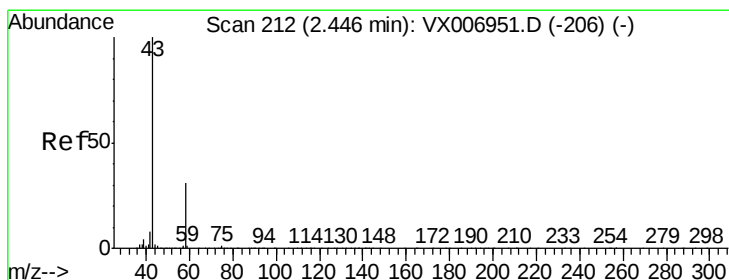
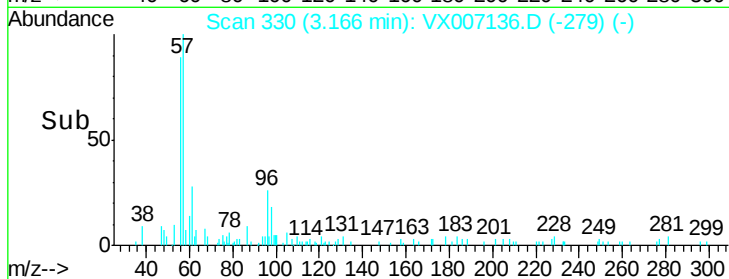
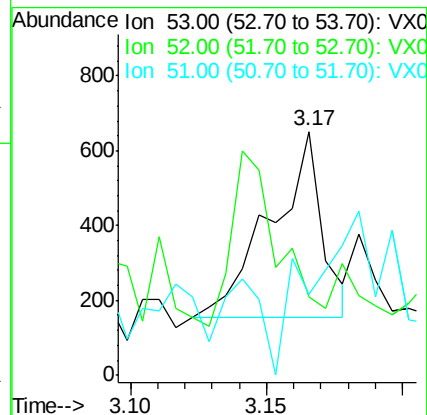
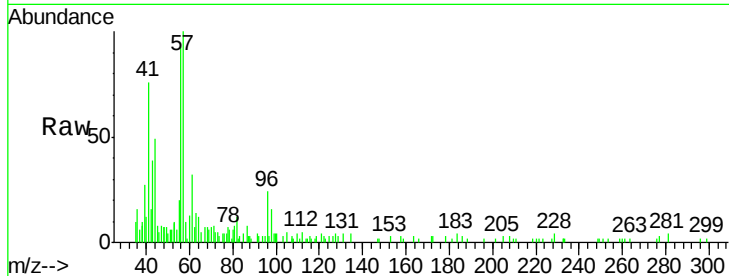
Tot Ion: 53 Resp: 648

Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

51 139.8 28.6 42.8#



#16

Acetone

Concen: 0.767 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX007136.D

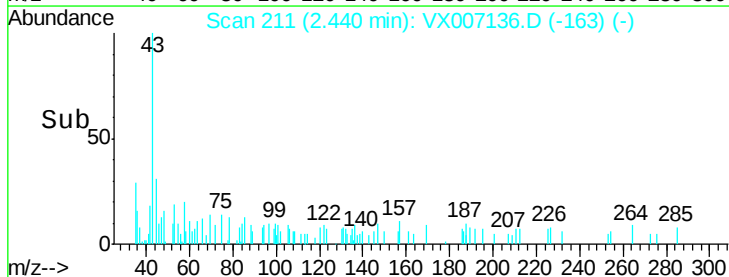
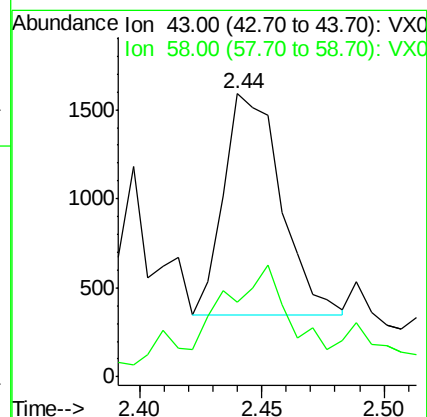
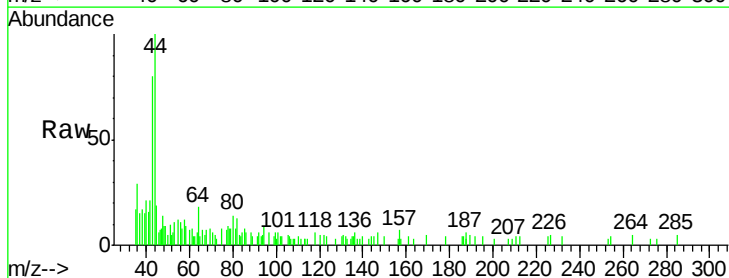
Acq: 18 Jan 2019 15:48

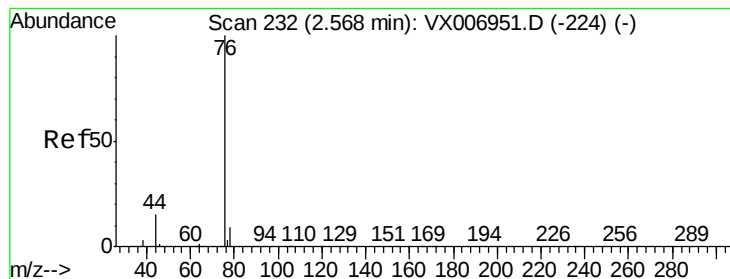
Tgt Ion: 43 Resp: 2034

Ion Ratio Lower Upper

43 100

58 21.5 25.0 37.6#





#17

Carbon Disulfide

Concen: 0.222 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

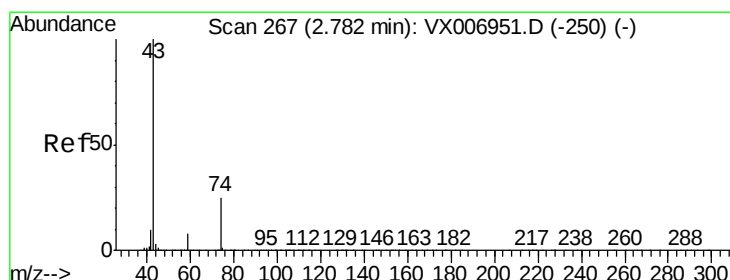
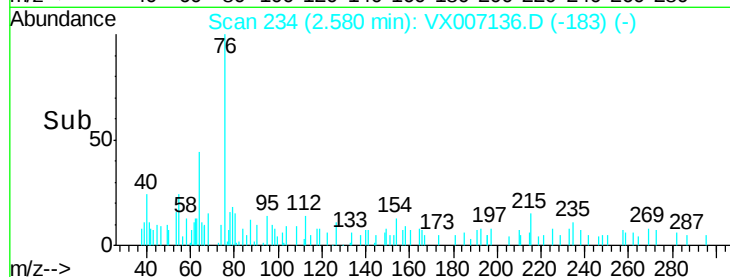
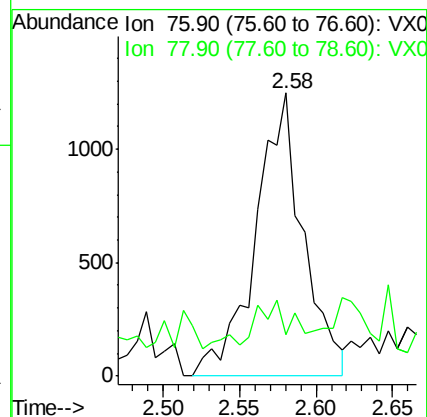
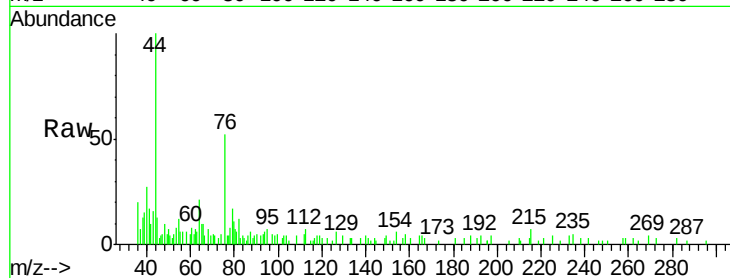
SS038RW082-160116

Tot Ion: 76 Resp: 2695

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.245 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007136.D

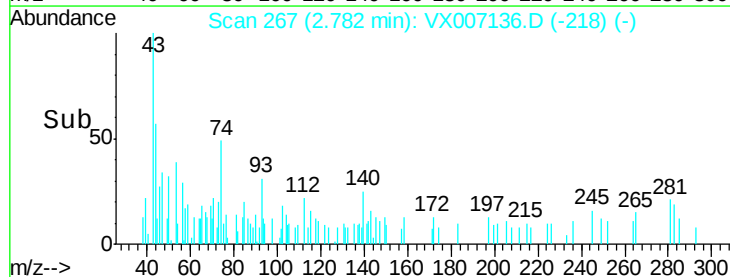
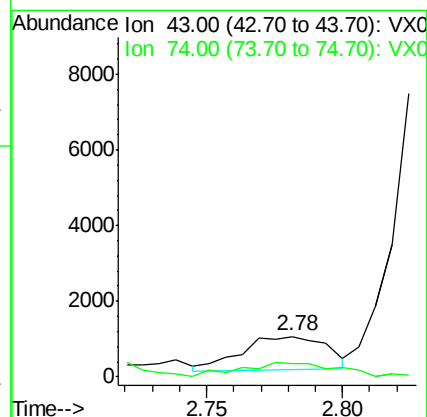
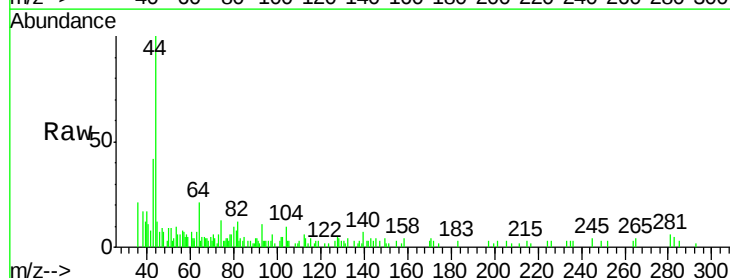
Acq: 18 Jan 2019 15:48

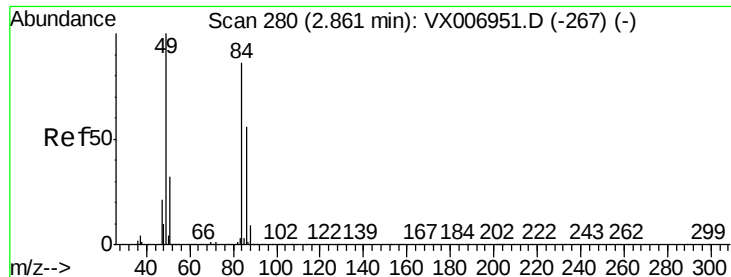
Tgt Ion: 43 Resp: 1884

Ion Ratio Lower Upper

43 100

74 48.2 18.6 28.0#





#20

Methvlene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

SS038RW082-160116

Tot Ion: 84 Resp: 1663

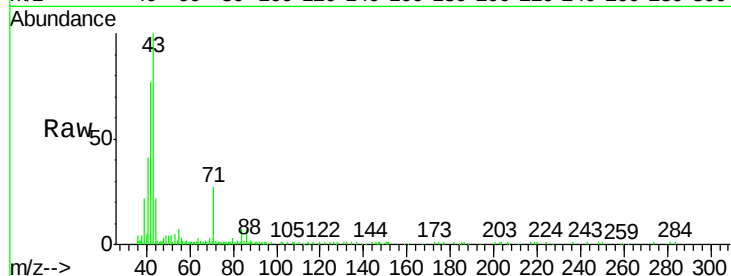
Ion Ratio Lower Upper

84 100

49 50.5 91.8 137.6#

51 48.5 28.5 42.7#

86 102.2 50.2 75.2#

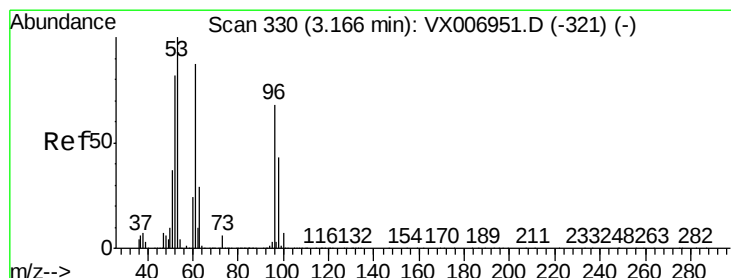
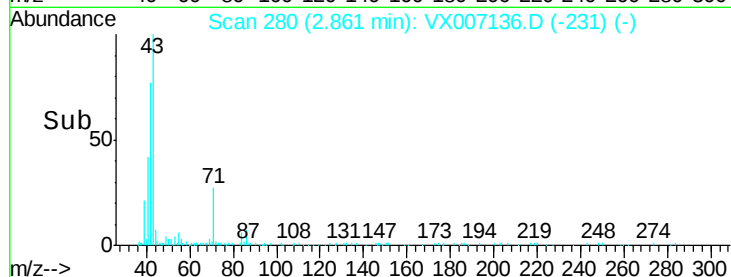
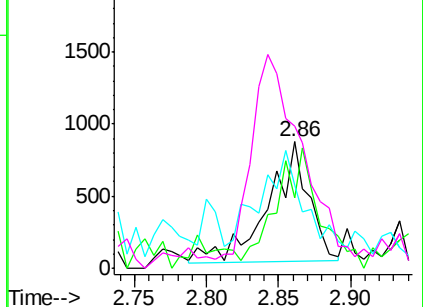


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.420 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

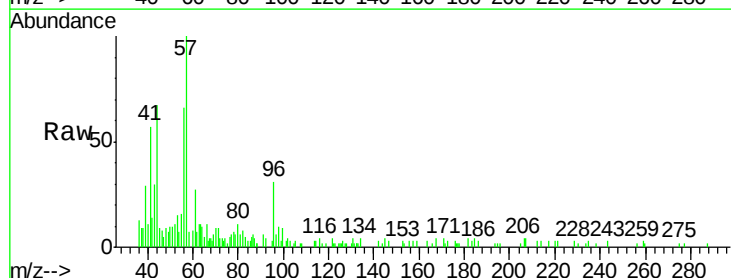
Tgt Ion: 96 Resp: 2211

Ion Ratio Lower Upper

96 100

61 87.6 103.7 155.5#

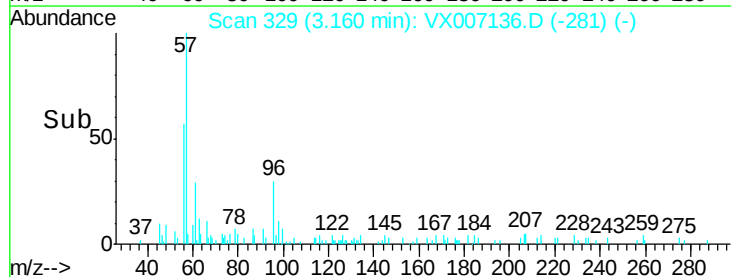
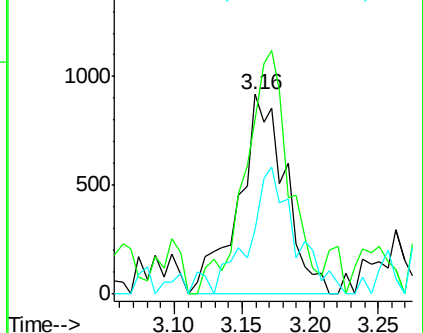
98 32.0 51.0 76.6#

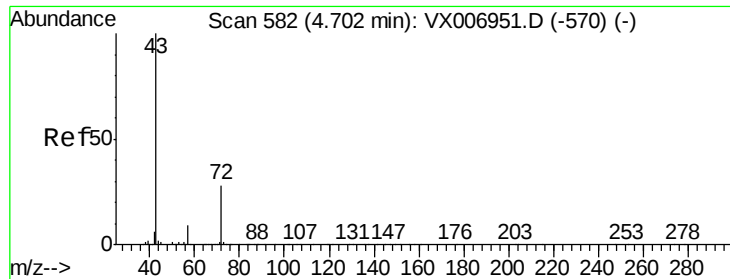


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#25

2-Butanone

Concen: 0.201 ug/l

RT: 4.73 min Scan# 586

Delta R.T. 0.02 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

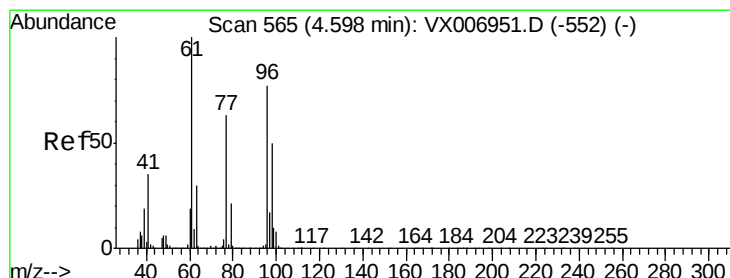
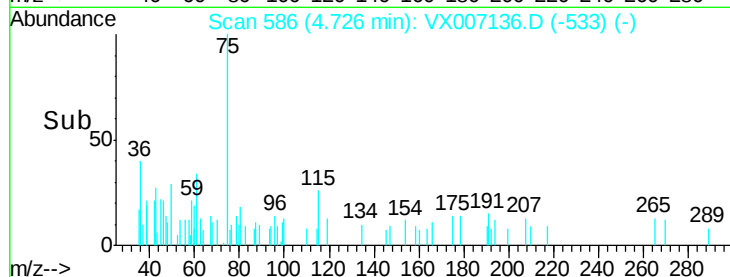
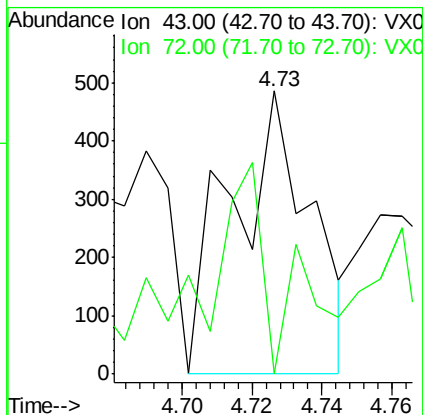
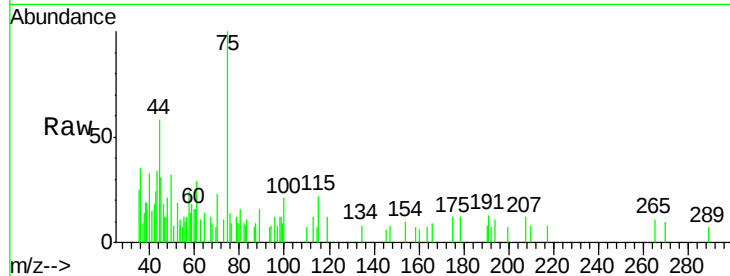
SS038RW082-160116

Tot Ion: 43 Resp: 763

Ion Ratio Lower Upper

43 100

72 0.0 22.4 33.6#



#27

cis-1,2-Dichloroethene

Concen: 40.204 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

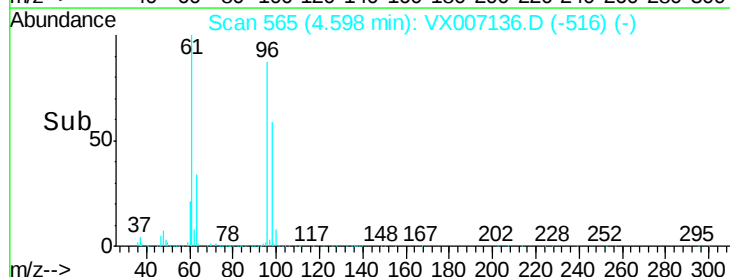
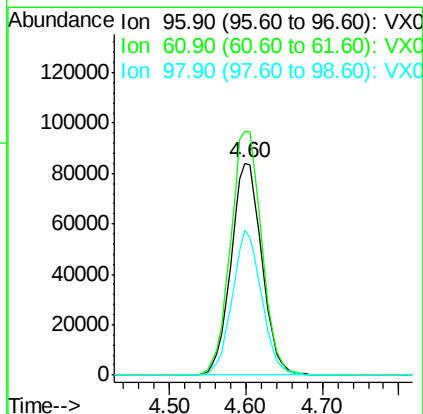
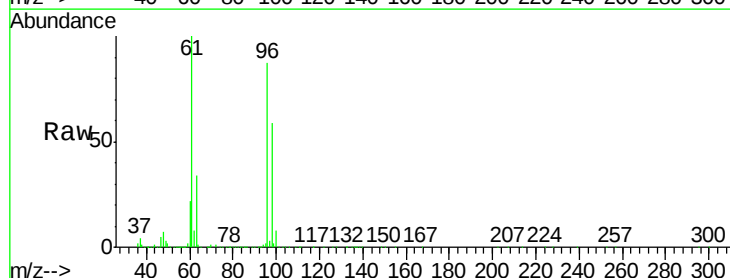
Tgt Ion: 96 Resp: 233237

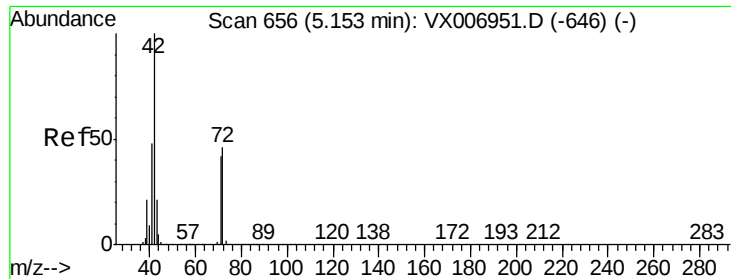
Ion Ratio Lower Upper

96 100

61 116.6 0.0 258.6

98 65.3 0.0 132.0





#29

Tetrahydrofuran

Concen: 0.233 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

SS038RW082-160116

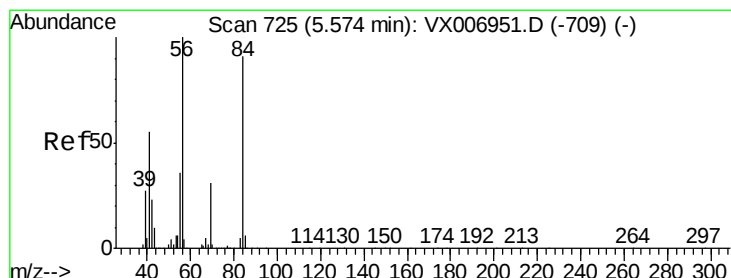
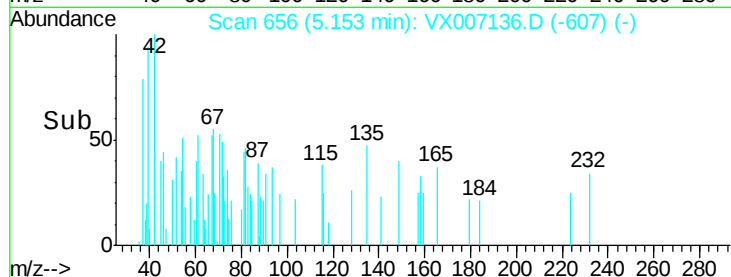
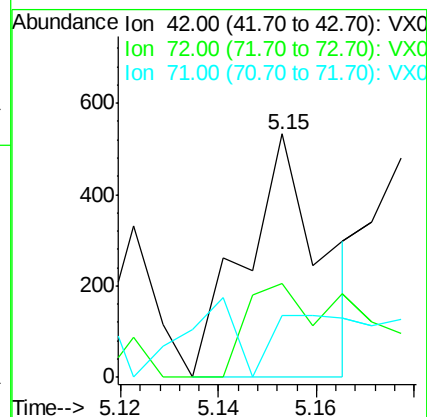
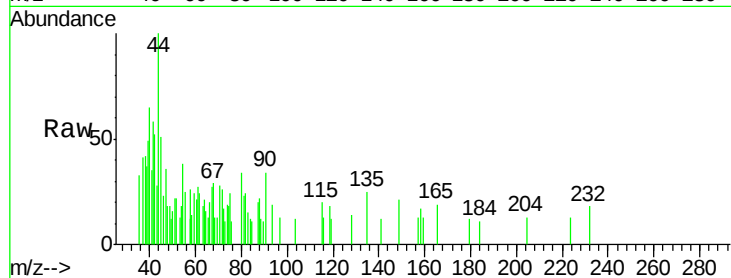
Tot Ion: 42 Resp: 574

Ion Ratio Lower Upper

42 100

72 57.1 38.9 58.3

71 32.6 36.2 54.4#



#31

Cyclohexane

Concen: 0.543 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

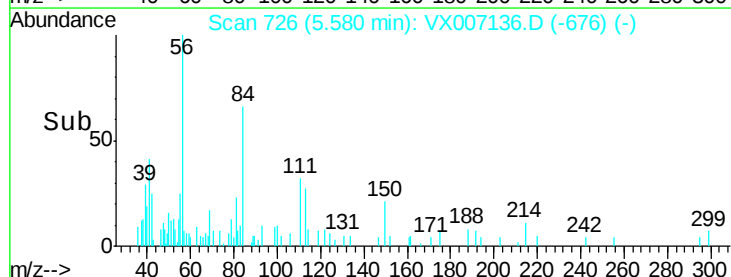
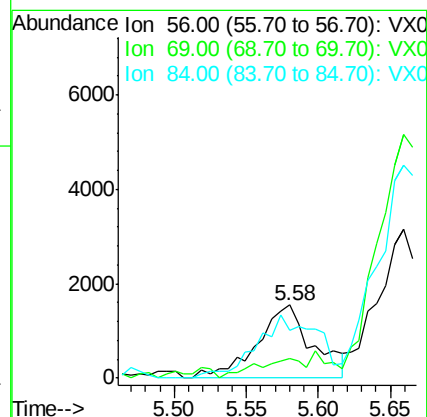
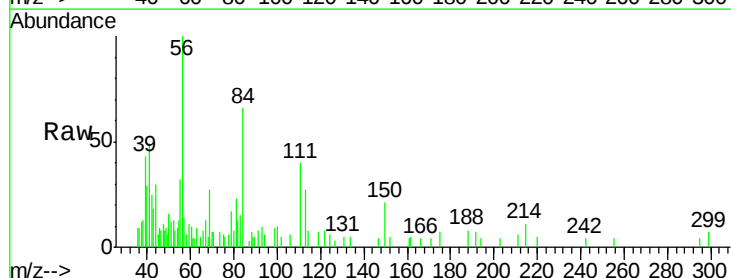
Tgt Ion: 56 Resp: 4110

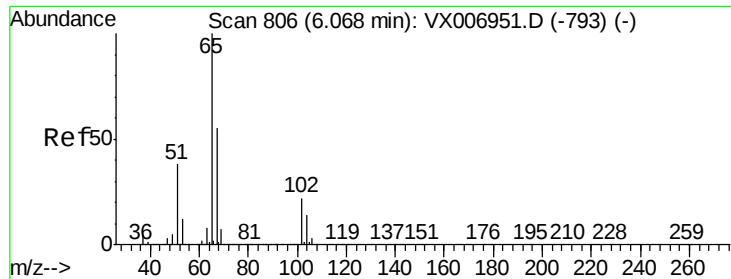
Ion Ratio Lower Upper

56 100

69 23.4 24.4 36.6#

84 70.3 70.0 105.0





#33

1,2-Dichloroethane-d4

Concen: 51.327 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

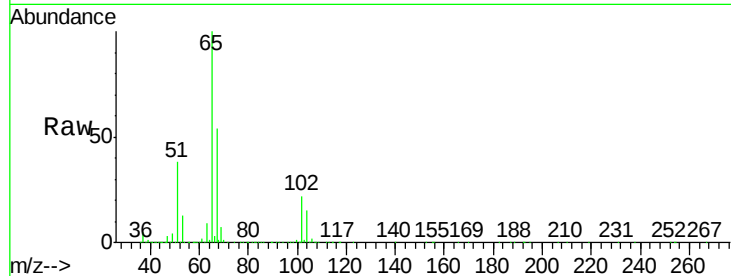
SS038RW082-160116

Tot Ion: 65 Resp: 275455

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

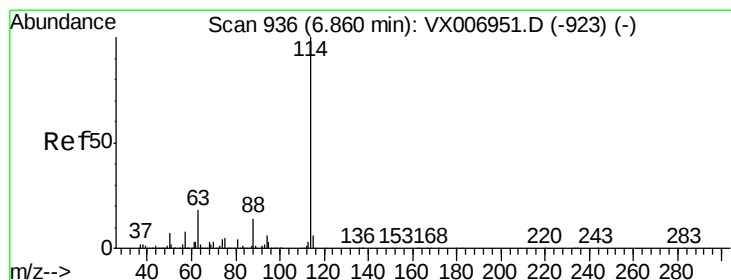
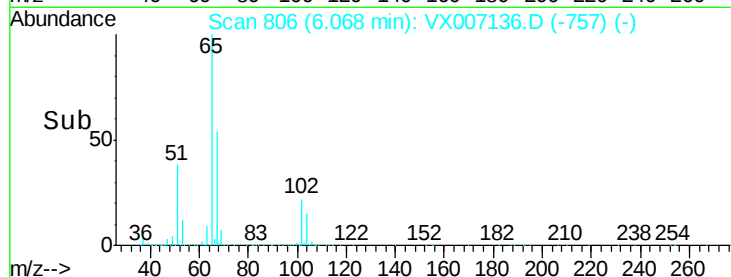
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

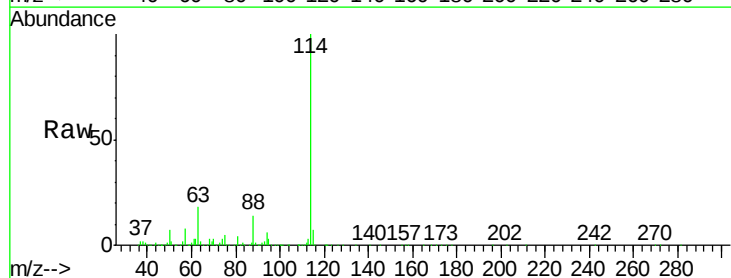
Tgt Ion: 114 Resp: 787300

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

88 14.4 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

400000

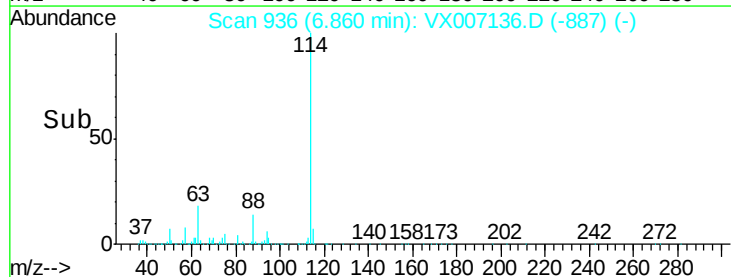
300000

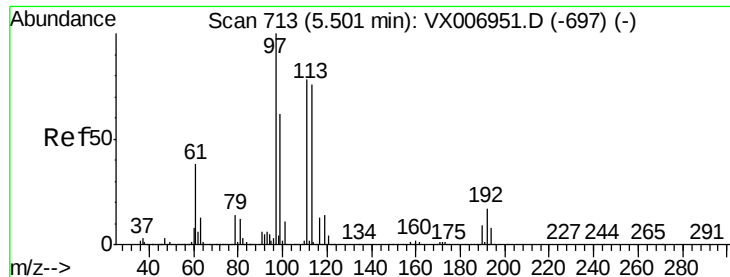
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.934 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

SS038RW082-160116

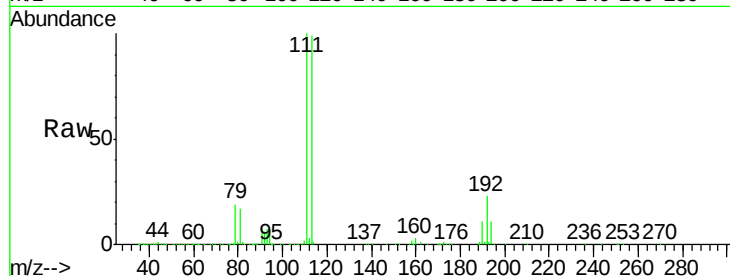
Tot Ion:113 Resp: 246719

Ion Ratio Lower Upper

113 100

111 101.3 81.6 122.4

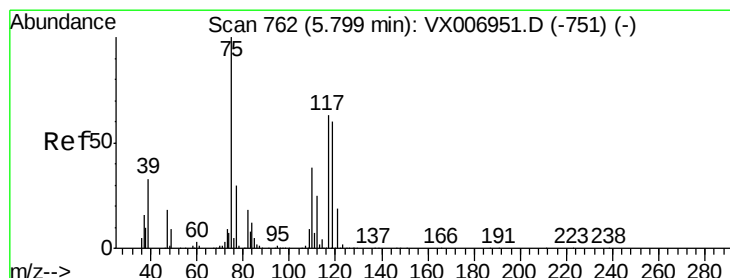
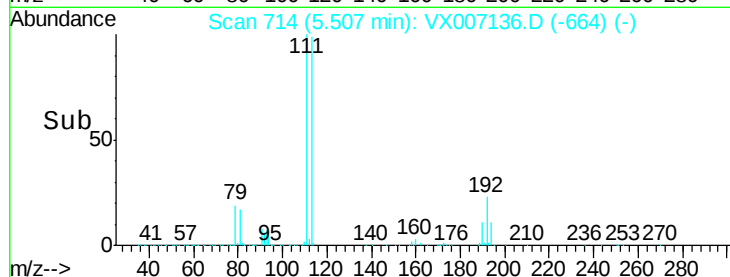
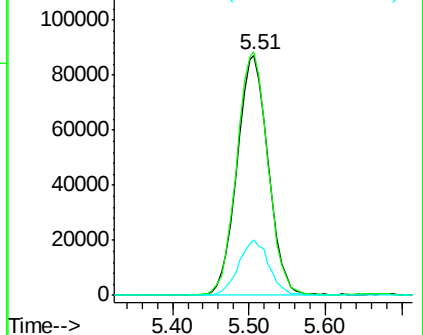
192 22.6 16.7 25.1



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: 4.863 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

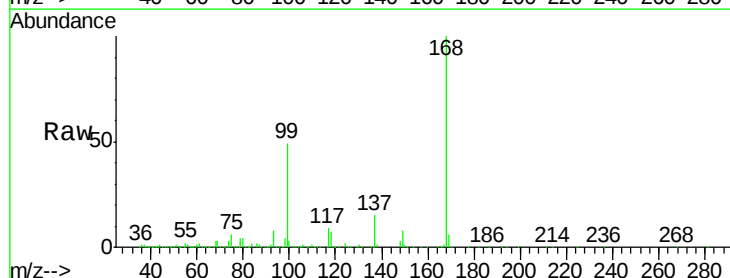
Tgt Ion: 75 Resp: 33285

Ion Ratio Lower Upper

75 100

110 9.9 20.2 60.5#

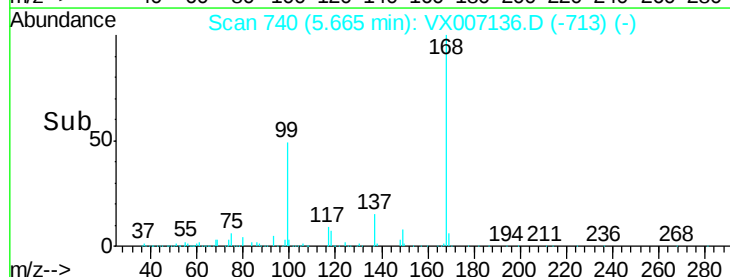
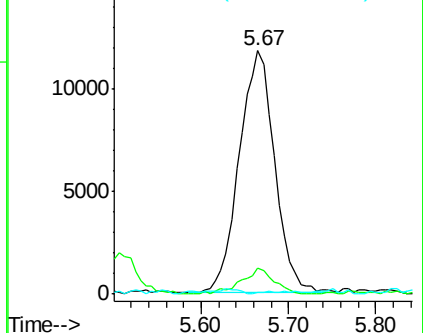
77 0.0 24.8 37.2#

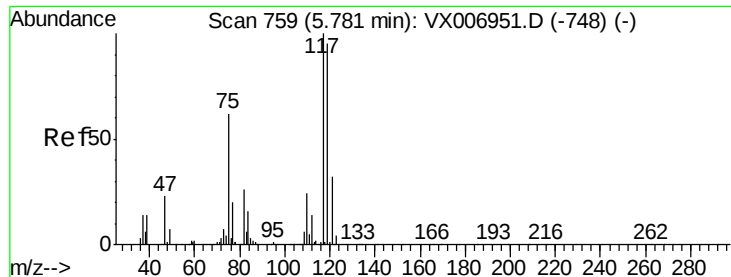


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.663 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

SS038RW082-160116

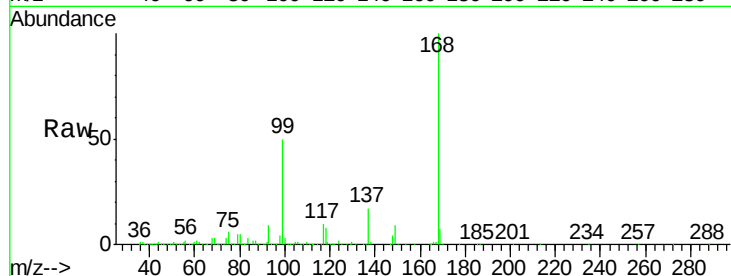
Tot Ion:117 Resp: 45885

Ion Ratio Lower Upper

117 100

119 5.2 79.4 119.2#

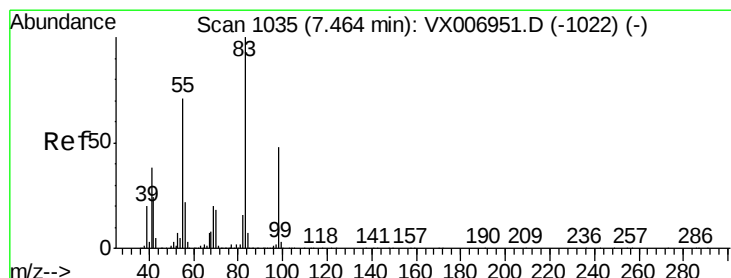
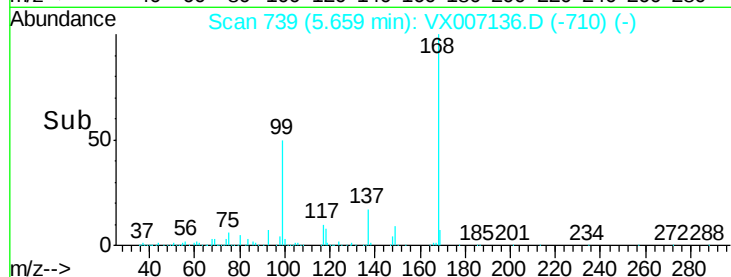
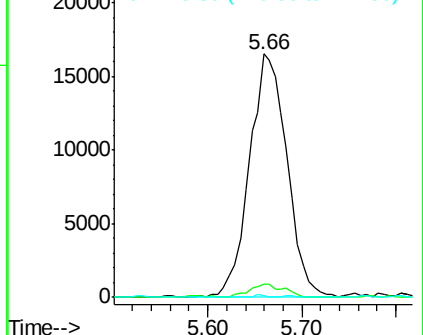
121 1.3 24.0 36.0#



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



#39

Methylcyclohexane

Concen: 0.594 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

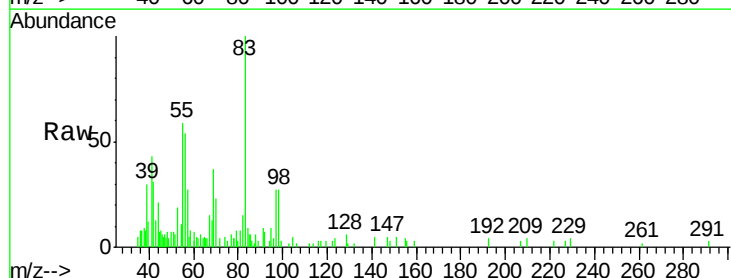
Tgt Ion: 83 Resp: 5180

Ion Ratio Lower Upper

83 100

55 47.2 54.9 82.3#

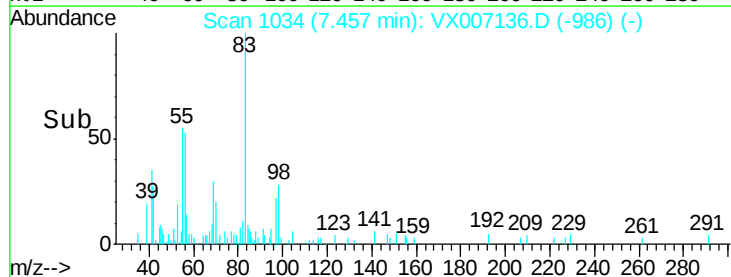
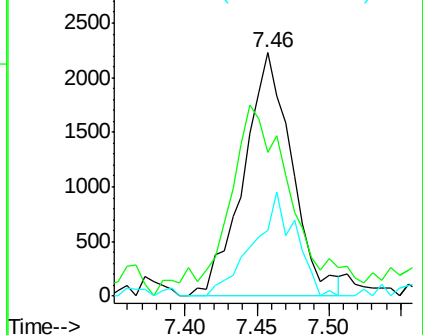
98 27.0 37.9 56.9#

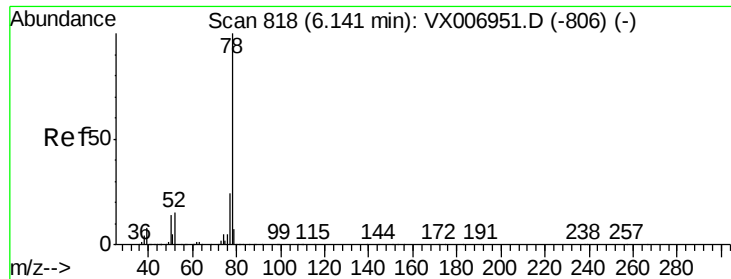


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.840 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

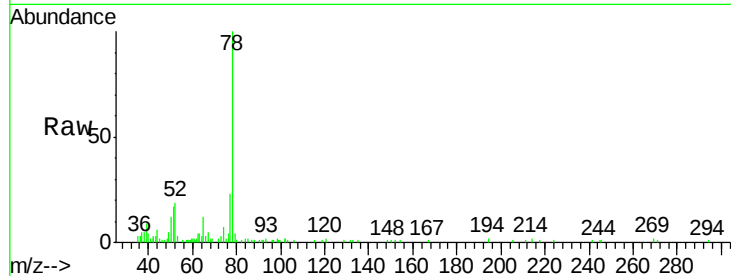
SS038RW082-160116

Tot Ion: 78 Resp: 17549

Ion Ratio Lower Upper

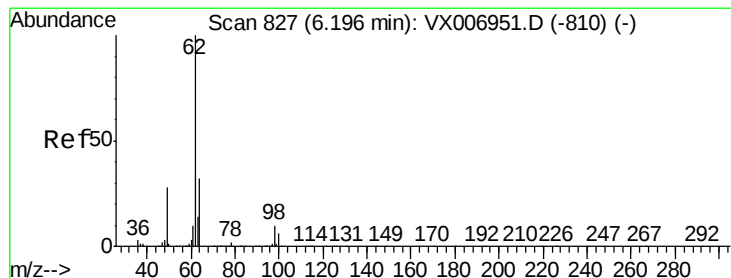
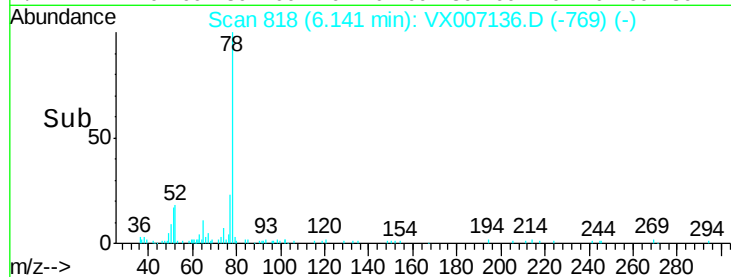
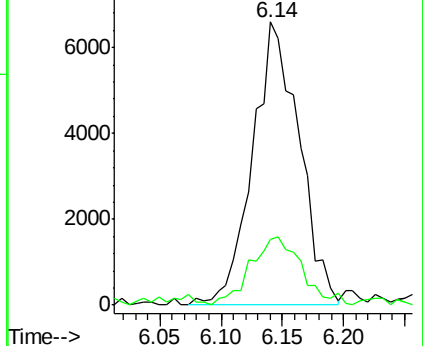
78 100

77 19.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.544 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007136.D

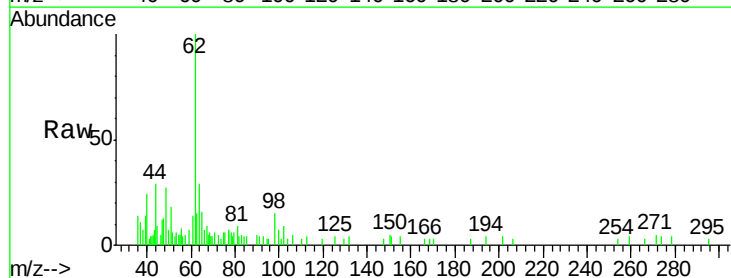
Acq: 18 Jan 2019 15:48

Tgt Ion: 62 Resp: 3926

Ion Ratio Lower Upper

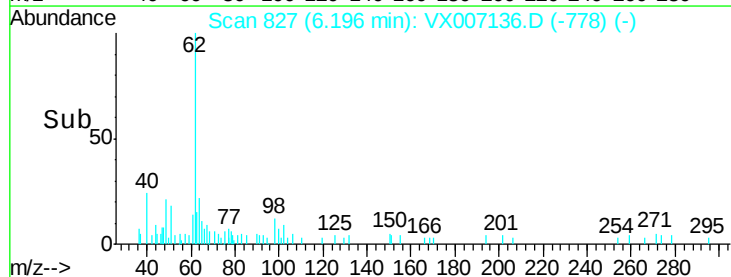
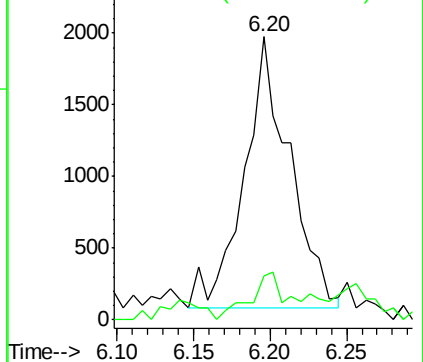
62 100

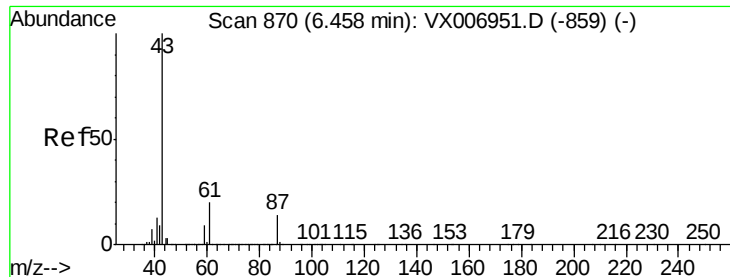
98 13.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 1.607 ug/l

RT: 6.34 min Scan# 851

Delta R.T. -0.12 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

SS038RW082-160116

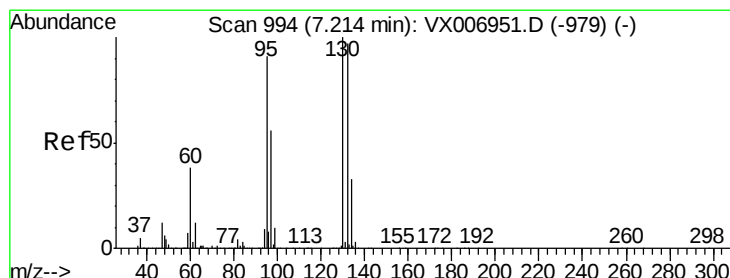
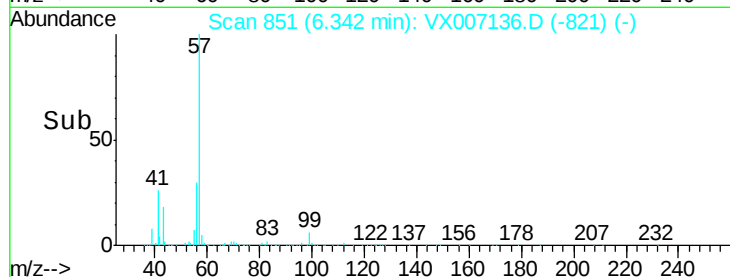
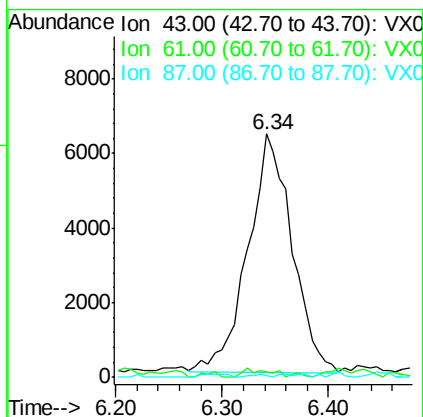
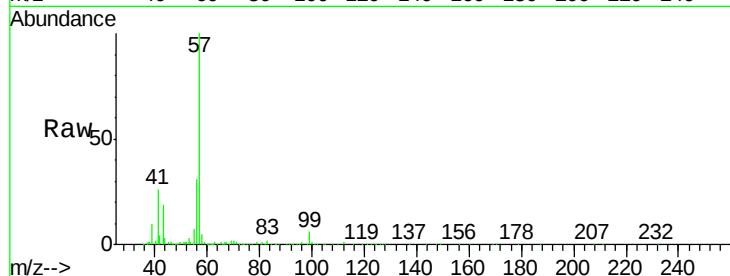
Tot Ion: 43 Resp: 18596

Ion Ratio Lower Upper

43 100

61 2.3 16.8 25.2#

87 0.5 12.4 18.6#



#44

Trichloroethene

Concen: 0.462 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007136.D

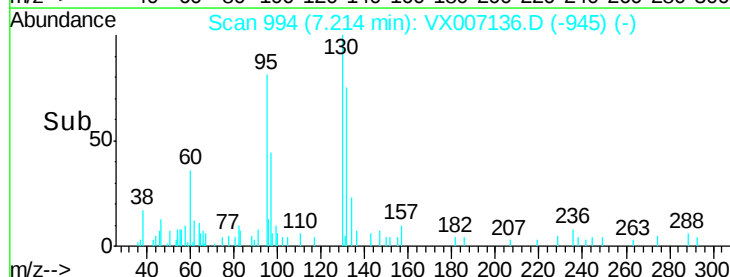
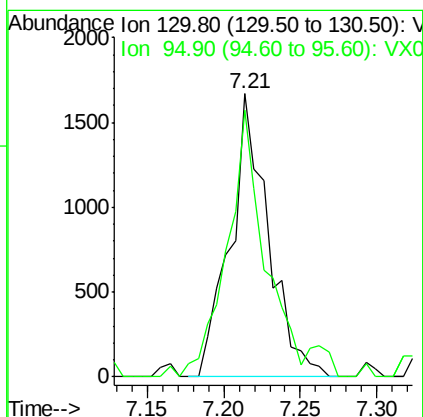
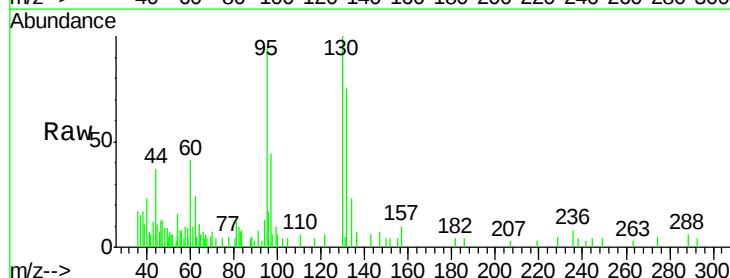
Acq: 18 Jan 2019 15:48

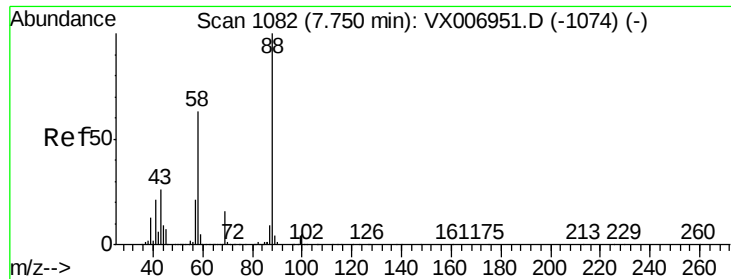
Tgt Ion: 130 Resp: 2890

Ion Ratio Lower Upper

130 100

95 94.3 0.0 187.0





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.77 min Scan# 1086

Delta R.T. 0.02 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

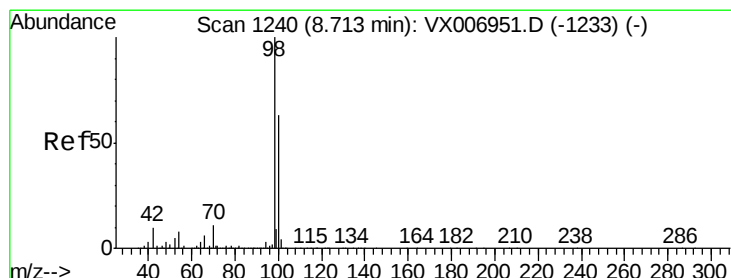
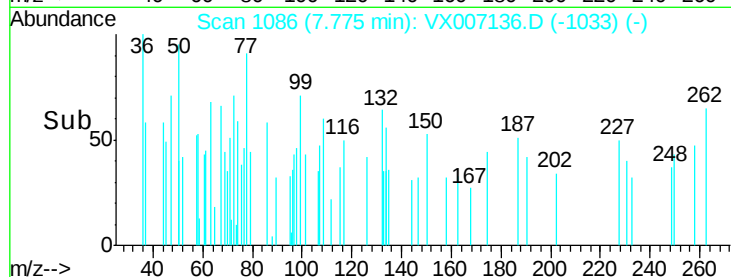
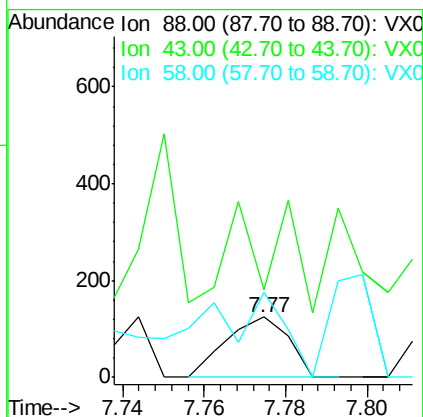
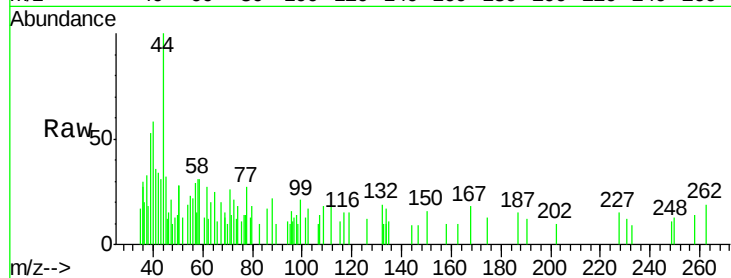
MSVOA_X

ClientSampleId :

SS038RW082-160116

Tot Ion: 88 Resp: 133

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	254.1	51.0	76.4#



#50

Toluene-d8

Concen: 51.331 ug/l

RT: 8.71 min Scan# 1240

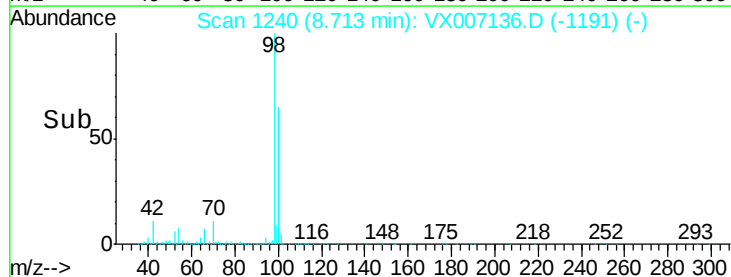
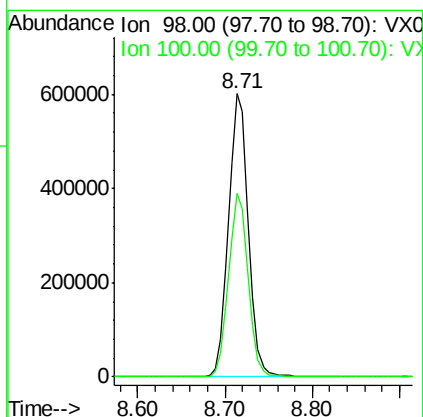
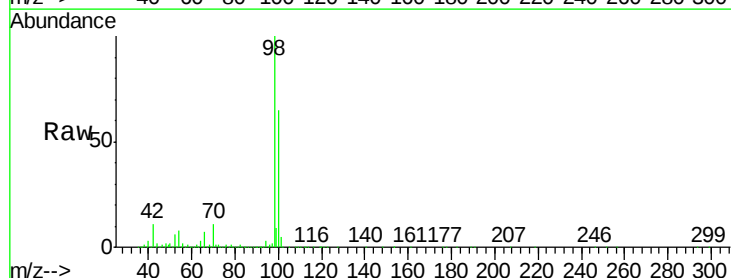
Delta R.T. -0.00 min

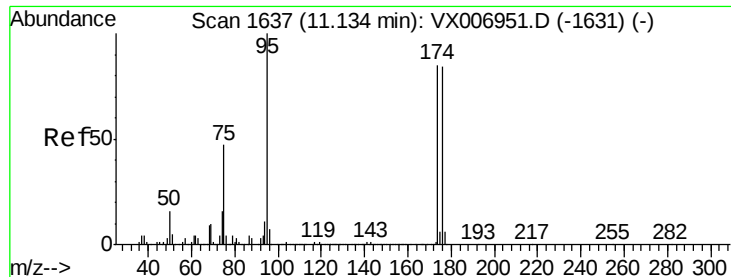
Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Tgt Ion: 98 Resp: 947299

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 53.139 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

SS038RW082-160116

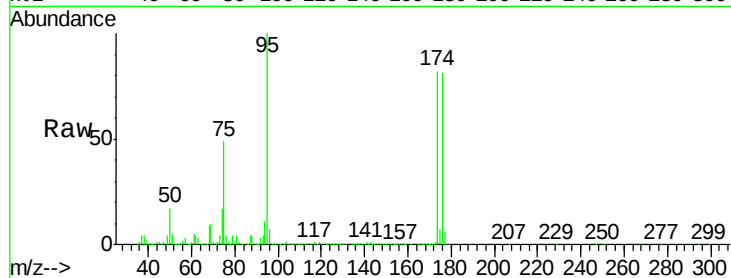
Tot Ion: 95 Resp: 341884

Ion Ratio Lower Upper

95 100

174 93.0 0.0 182.2

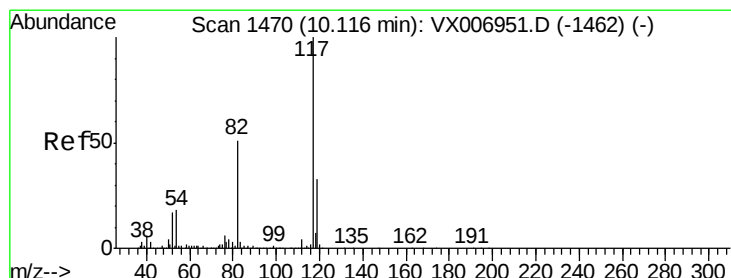
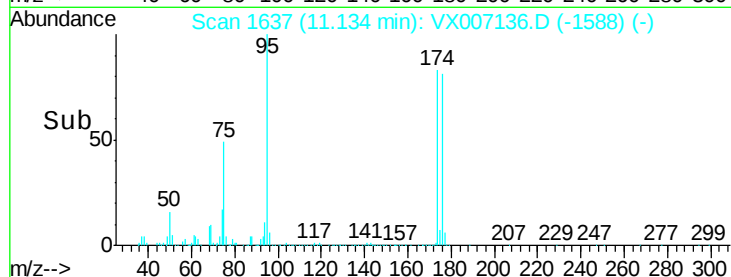
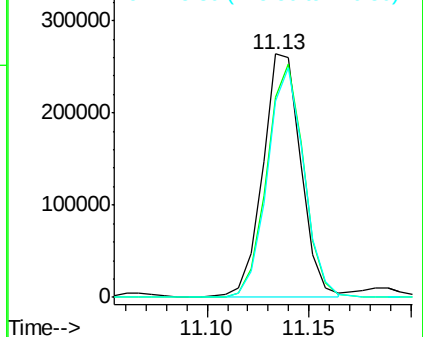
176 91.0 0.0 178.8



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: VX007136.D

Acq: 18 Jan 2019 15:48

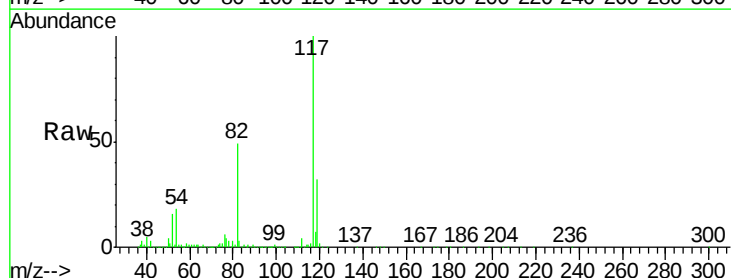
Tgt Ion: 117 Resp: 748020

Ion Ratio Lower Upper

117 100

82 49.0 41.0 61.6

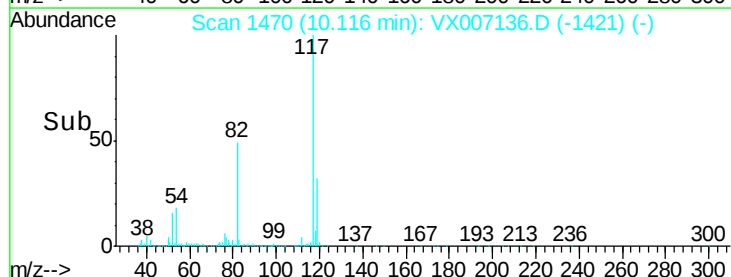
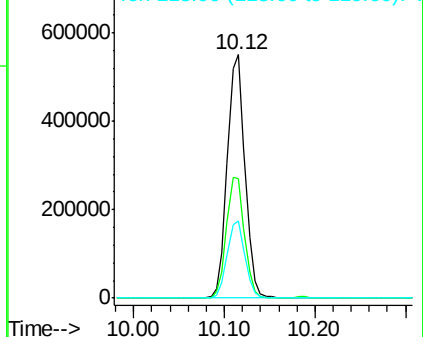
119 31.7 25.4 38.0

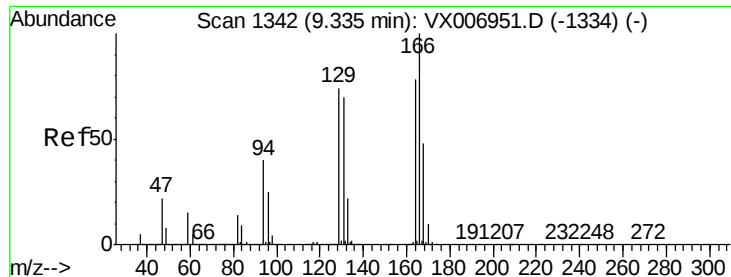


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

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

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





#64

Tetrachloroethene

Concen: 0.450 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

SS038RW082-160116

Tot Ion:164 Resp: 2914

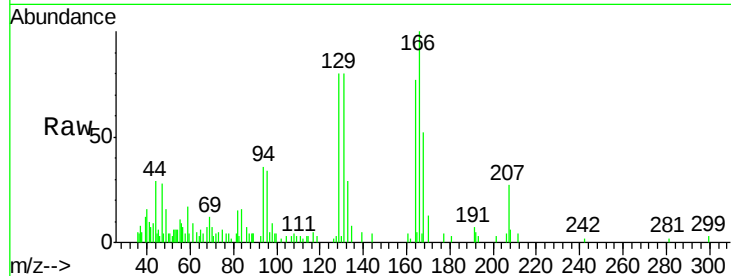
Ion Ratio Lower Upper

164 100

166 129.1 102.5 153.7

129 103.5 75.1 112.7

131 102.8 72.7 109.1

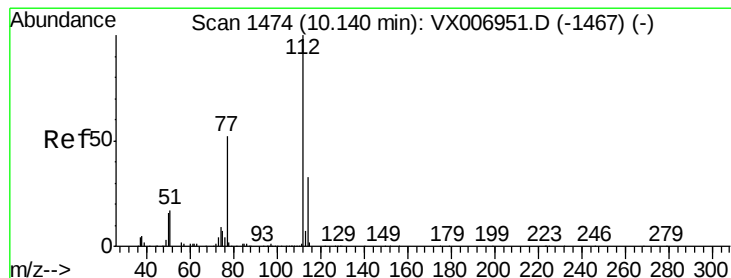
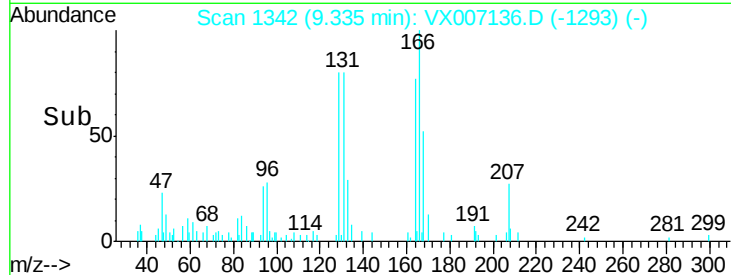
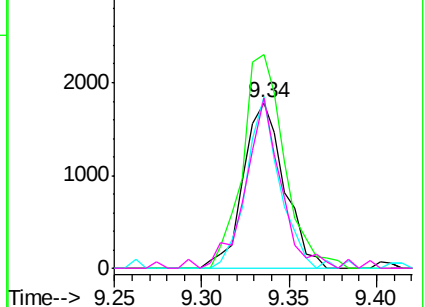


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.067 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007136.D

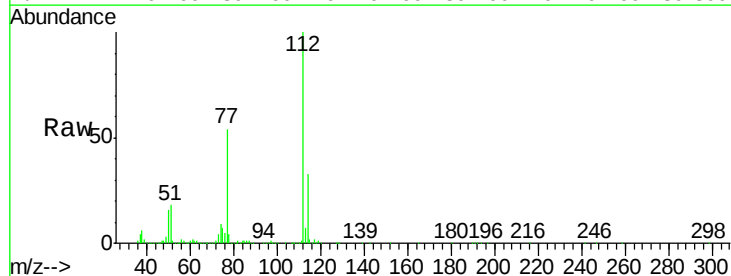
Acq: 18 Jan 2019 15:48

Tgt Ion:112 Resp: 800510

Ion Ratio Lower Upper

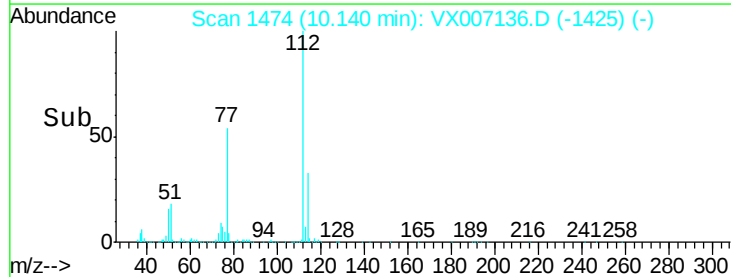
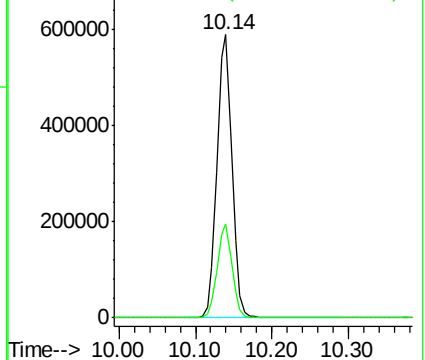
112 100

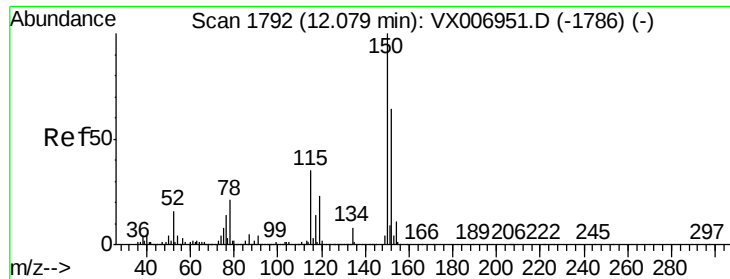
114 33.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



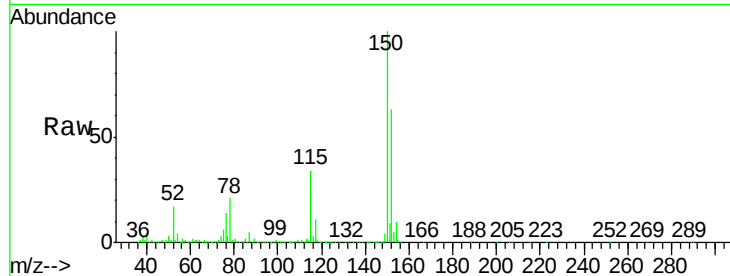


#72

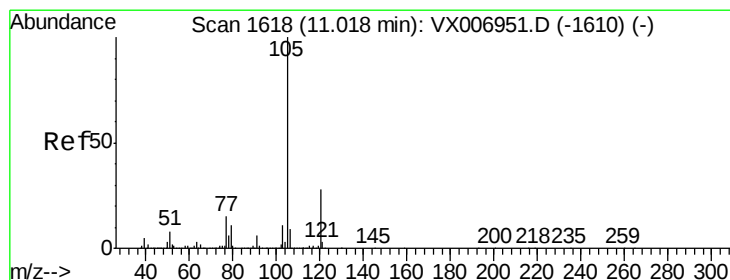
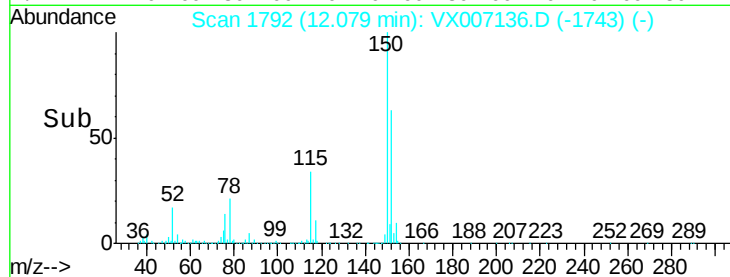
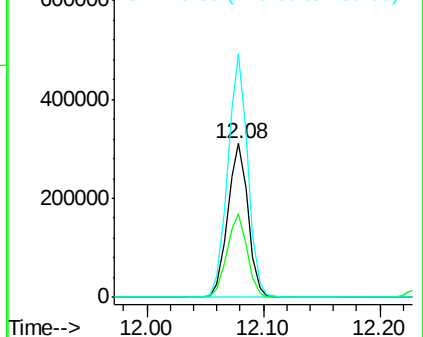
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007136.D
Acq: 18 Jan 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
SS038RW082-160116

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.2	39.1	117.2
150	155.5	0.0	344.8



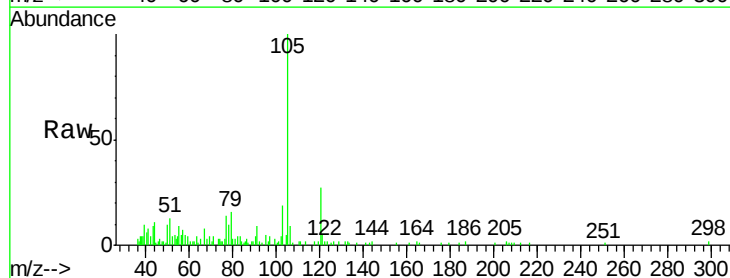
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



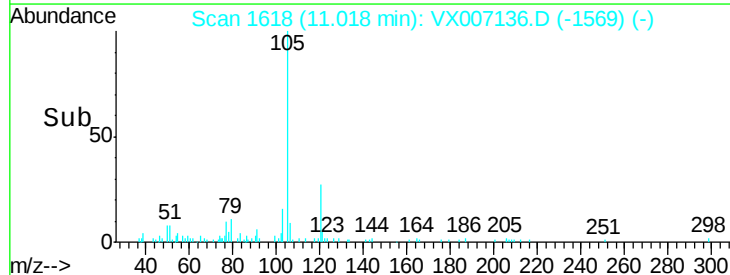
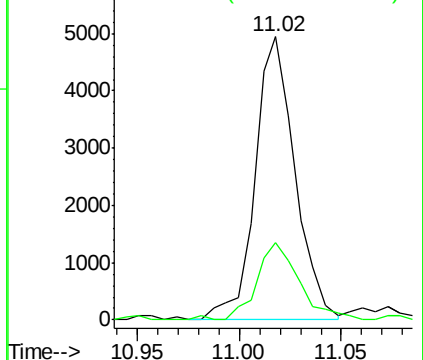
#73

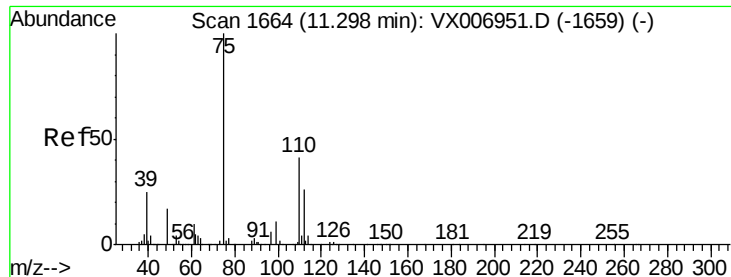
Isopropylbenzene
Concen: 0.256 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007136.D
Acq: 18 Jan 2019 15:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.0	14.1	42.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 22.106 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

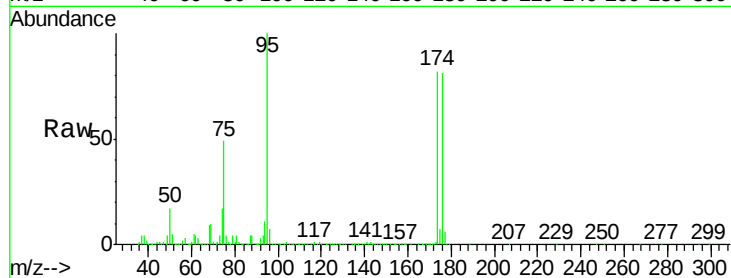
SS038RW082-160116

Tot Ion: 75 Resp: 167415

Ion Ratio Lower Upper

75 100

77 1.2 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

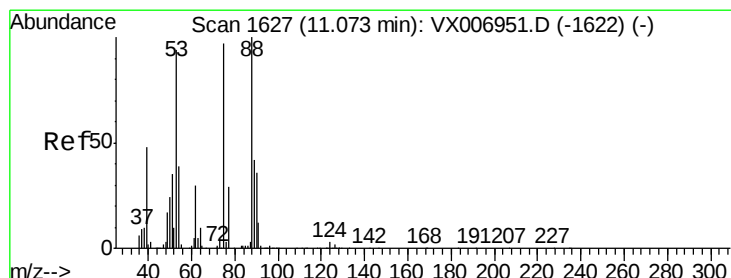
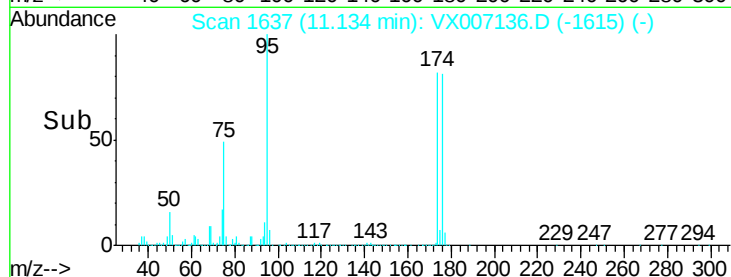
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 65.449 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

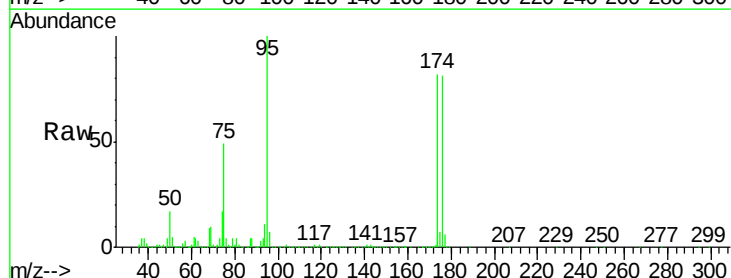
Tgt Ion: 75 Resp: 167415

Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

89 0.0 38.0 57.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

11.13

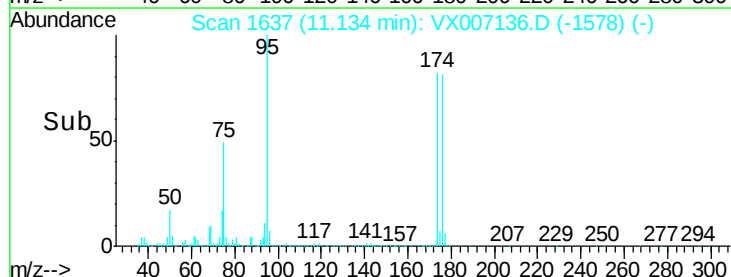
150000

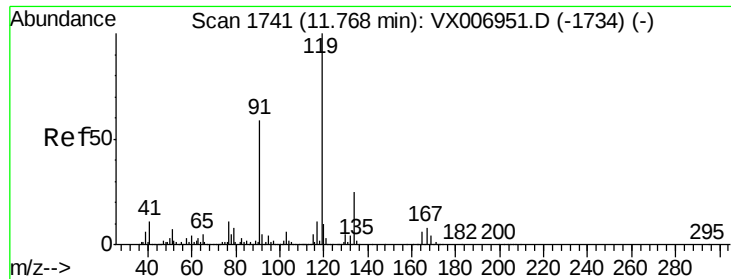
100000

50000

0

Time-->





#83

tert-Butylbenzene

Concen: 2.193 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

SS038RW082-160116

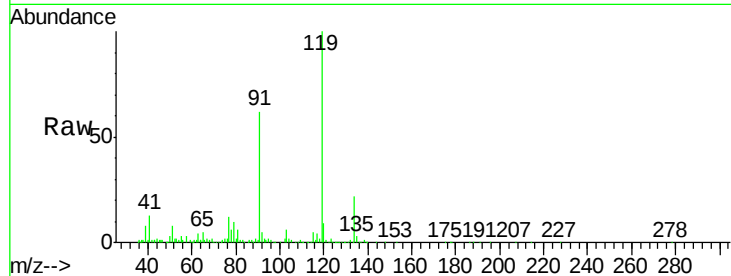
Tot Ion:119 Resp: 48177

Ion Ratio Lower Upper

119 100

91 63.6 27.7 83.1

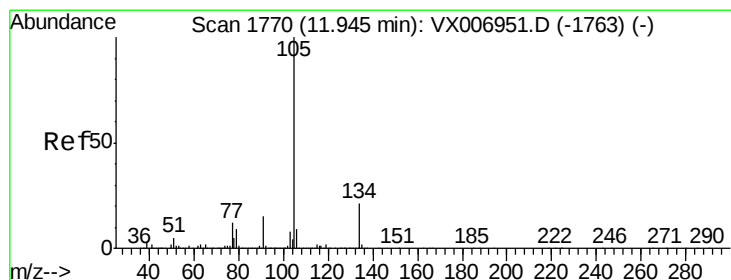
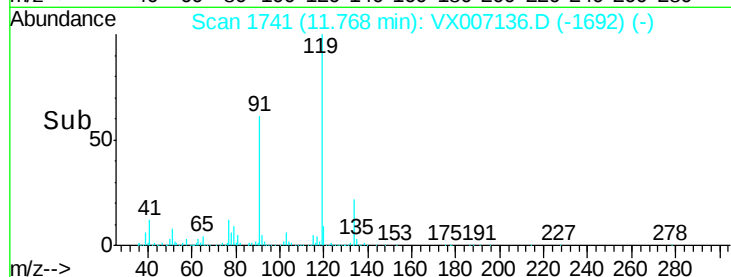
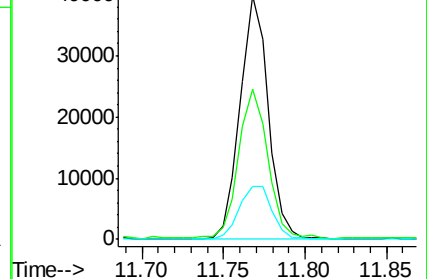
134 25.3 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#85

sec-Butylbenzene

Concen: 1.194 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007136.D

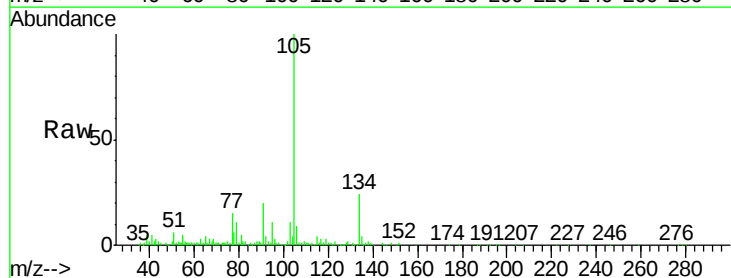
Acq: 18 Jan 2019 15:48

Tgt Ion:105 Resp: 31316

Ion Ratio Lower Upper

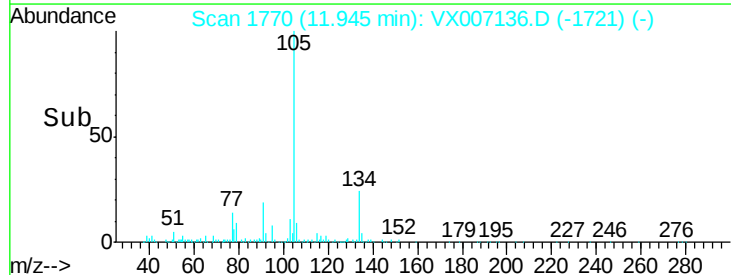
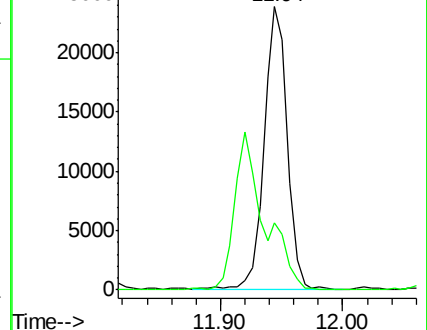
105 100

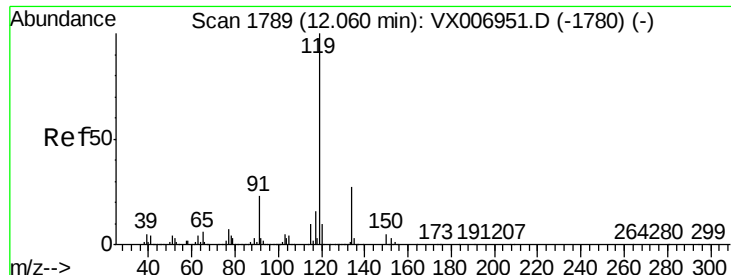
134 0.0 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

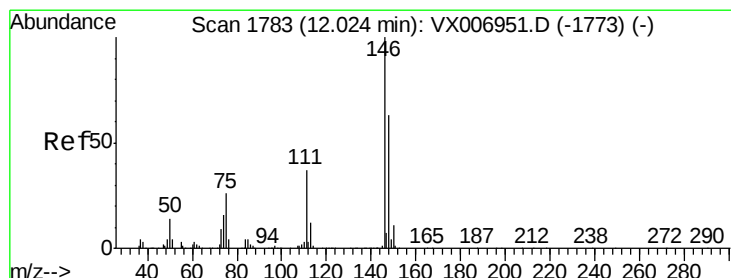
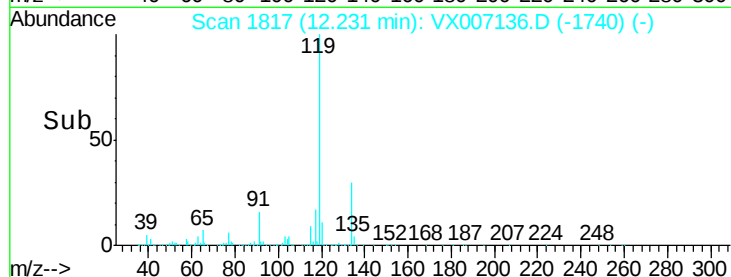
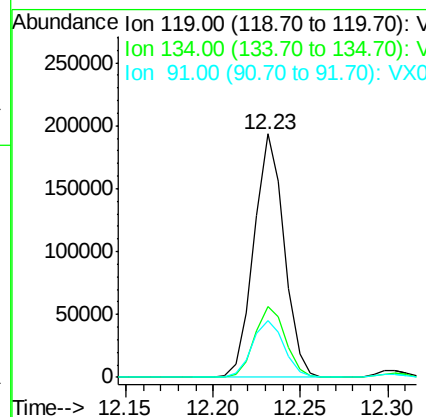
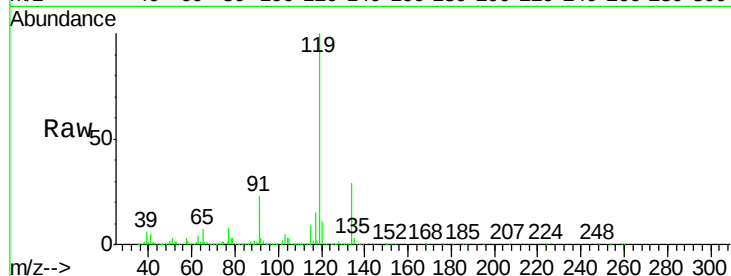




#86
 p-Isopropyltoluene
 Concen: 9.886 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX007136.D
 Acq: 18 Jan 2019 15:48

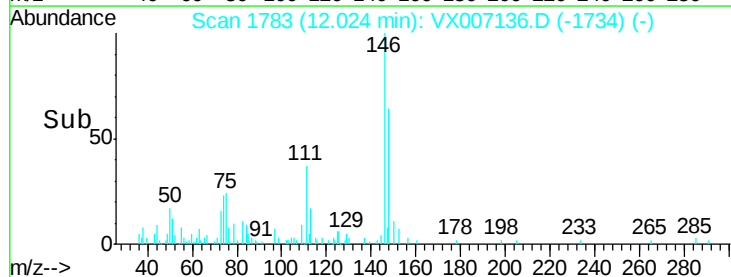
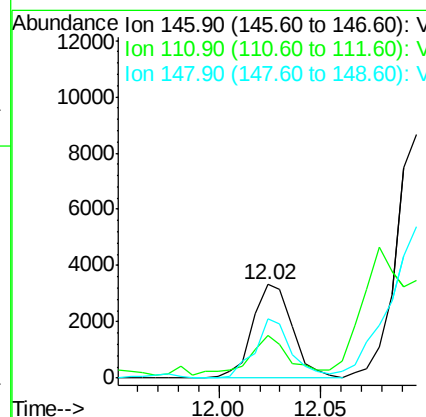
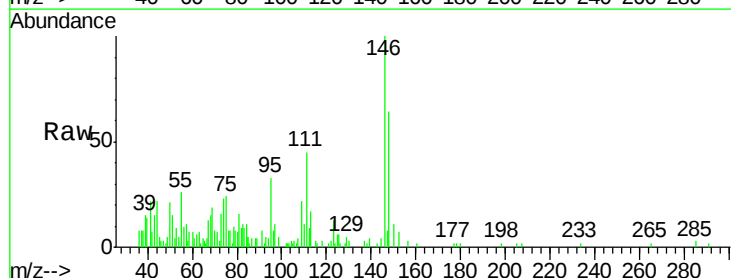
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW082-160116

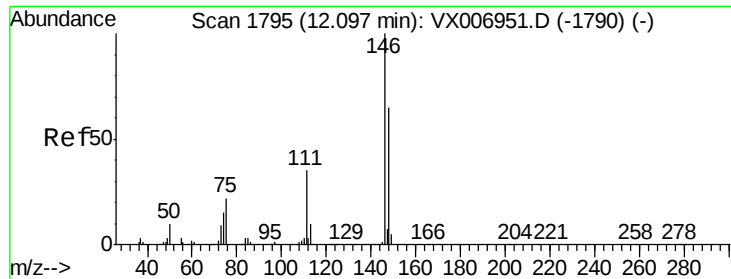
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.6	14.0	41.9
91	24.4	11.3	33.9



#87
 1,3-Dichlorobenzene
 Concen: 0.344 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007136.D
 Acq: 18 Jan 2019 15:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.6	55.8
148	58.4	31.8	95.3





#88

1,4-Dichlorobenzene

Concen: 0.507 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

SS038RW082-160116

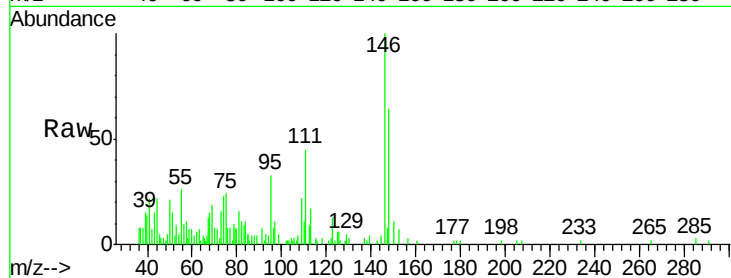
Tot Ion:146 Resp: 4520

Ion Ratio Lower Upper

146 100

111 39.6 18.1 54.1

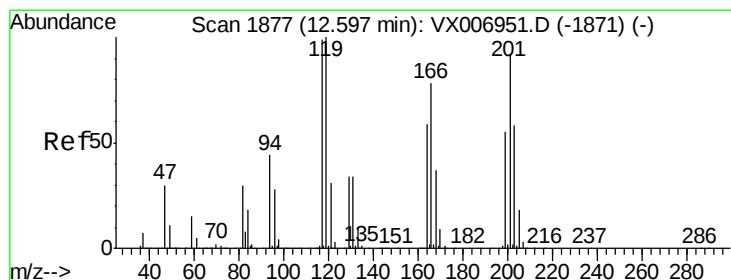
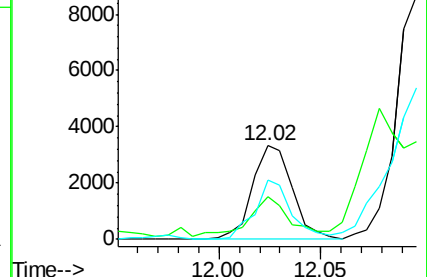
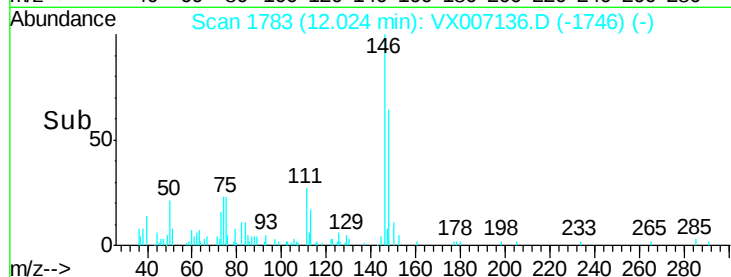
148 58.4 31.9 95.9



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



#90

Hexachloroethane

Concen: 3.227 ug/l

RT: 12.66 min Scan# 1887

Delta R.T. 0.06 min

Lab File: VX007136.D

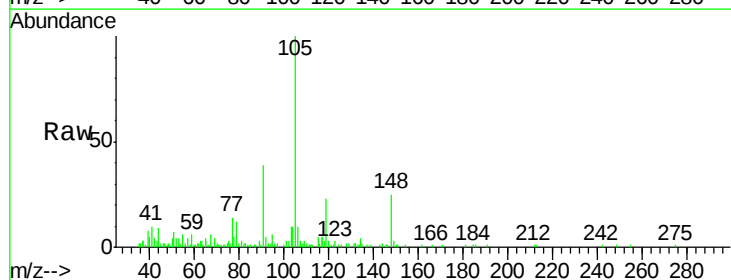
Acq: 18 Jan 2019 15:48

Tgt Ion:117 Resp: 1269

Ion Ratio Lower Upper

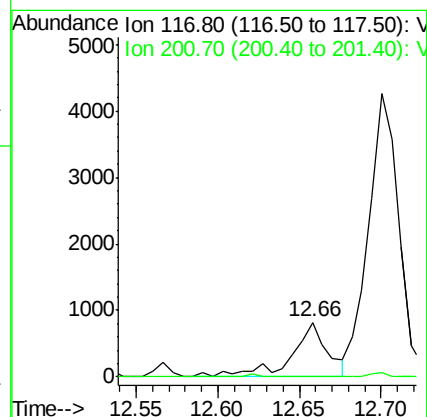
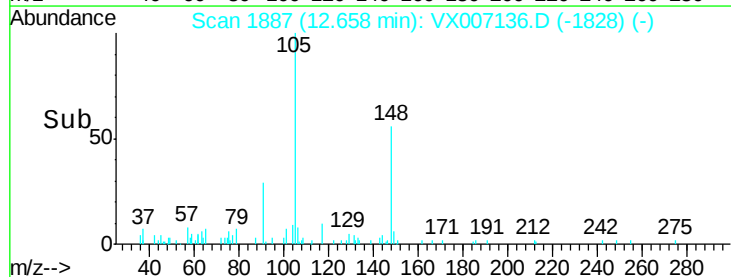
117 100

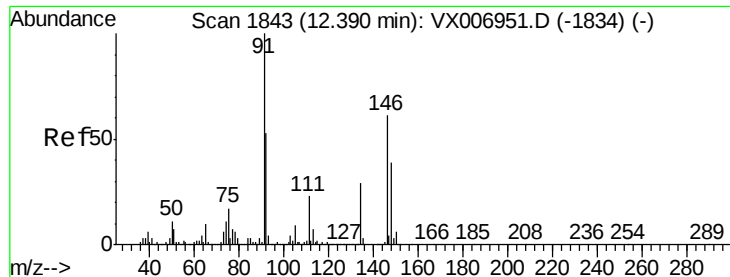
201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 0.534 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

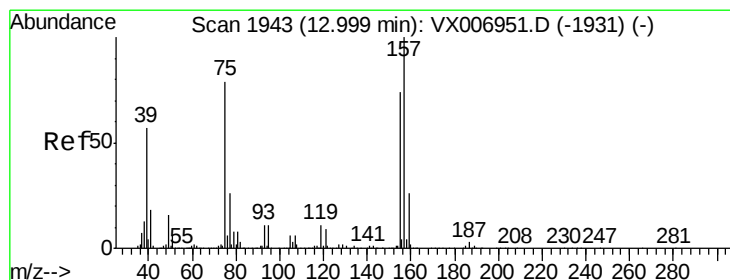
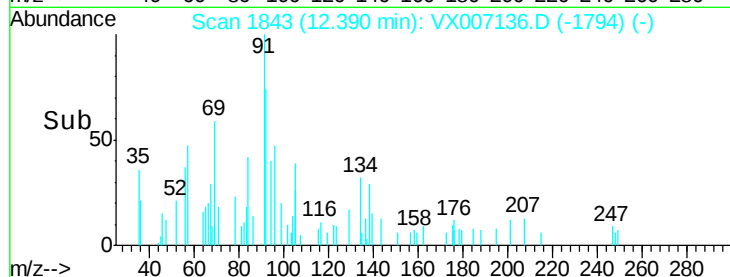
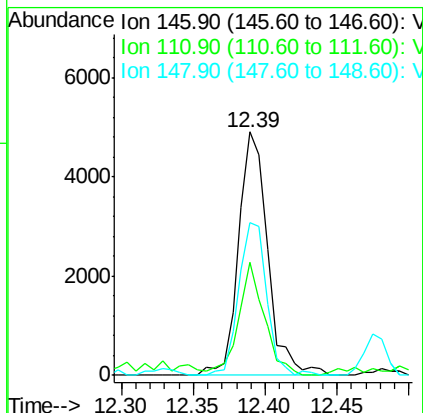
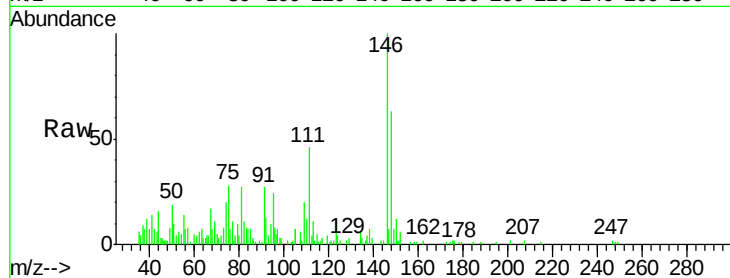
Instrument :

MSVOA_X

ClientSampleId :

SS038RW082-160116

Tot Ion:	146	Resp:	6915
Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.4	58.2
148	60.2	32.3	96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.225 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX007136.D

Acq: 18 Jan 2019 15:48

Tgt Ion:	75	Resp:	372
Ion	Ratio	Lower	Upper
75	100		
155	16.1	50.6	151.8#
157	0.0	64.6	193.8#

