

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007087.D
 Acq On : 17 Jan 2019 14:29
 Operator : JC/SP
 Sample : K1168-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW266-190114

Quant Time: Jan 18 04:58:59 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	613257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	944439	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	865936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	432715	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	322088	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
35) Dibromofluoromethane	5.51	113	284154	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
50) Toluene-d8	8.71	98	1119794	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.13	95	400029	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds

					Qvalue	
4) Vinyl Chloride	1.41	62	4576	0.726	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2919	0.478	ug/l #	81
11) Tert butyl alcohol	3.12	59	450	0.298	ug/l #	72
12) 1,1-Dichloroethene	2.39	96	1463	0.260	ug/l #	35
13) Acrolein	2.31	56	214	3.408	ug/l #	1
14) Allyl chloride	2.61	41	2410	0.249	ug/l #	52
15) Acrylonitrile	3.17	53	3528	1.017	ug/l #	20
16) Acetone	2.45	43	1862	0.588	ug/l	99
18) Methyl Acetate	2.78	43	2490	0.271	ug/l	92
20) Methylene Chloride	2.85	84	465	Below Cal	#	59
21) trans-1,2-Dichloroethene	3.17	96	1375	0.219	ug/l #	69
27) cis-1,2-Dichloroethene	4.60	96	80292	11.589	ug/l	92
31) Cyclohexane	5.58	56	73916	8.179	ug/l	92
36) 1,1-Dichloropropene	5.66	75	37730	4.595	ug/l #	49
38) Carbon Tetrachloride	5.66	117	54650	6.615	ug/l #	13
39) Methylcyclohexane	7.46	83	58219	5.562	ug/l #	88
40) Benzene	6.15	78	10992	0.439	ug/l #	84
44) Trichloroethene	7.21	130	86364	11.503	ug/l	99
48) Methyl methacrylate	7.73	41	3199	0.449	ug/l #	23
49) 1,4-Dioxane	7.74	88	166	Below Cal	#	27
56) Ethyl methacrylate	9.16	69	2057	0.219	ug/l #	17
60) Dibromochloromethane	9.34	129	103937	16.606	ug/l #	10
64) Tetrachloroethene	9.34	164	111612	14.887	ug/l	99
65) Chlorobenzene	10.14	112	318411	16.859	ug/l	99
73) Isopropylbenzene	11.02	105	42413	1.390	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	2732	0.282	ug/l #	34
76) 1,2,3-Trichloropropane	11.13	75	190967	21.778	ug/l #	40
78) n-propylbenzene	11.36	91	41488	1.239	ug/l	97
79) 2-Chlorotoluene	11.36	91	41488	2.058	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	190967	64.534	ug/l #	10
83) tert-Butylbenzene	11.77	119	28710	1.129	ug/l	93
85) sec-Butylbenzene	11.94	105	48055	1.582	ug/l	97
86) p-Isopropyltoluene	12.23	119	112931	4.156	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	5149	0.339	ug/l	93

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QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

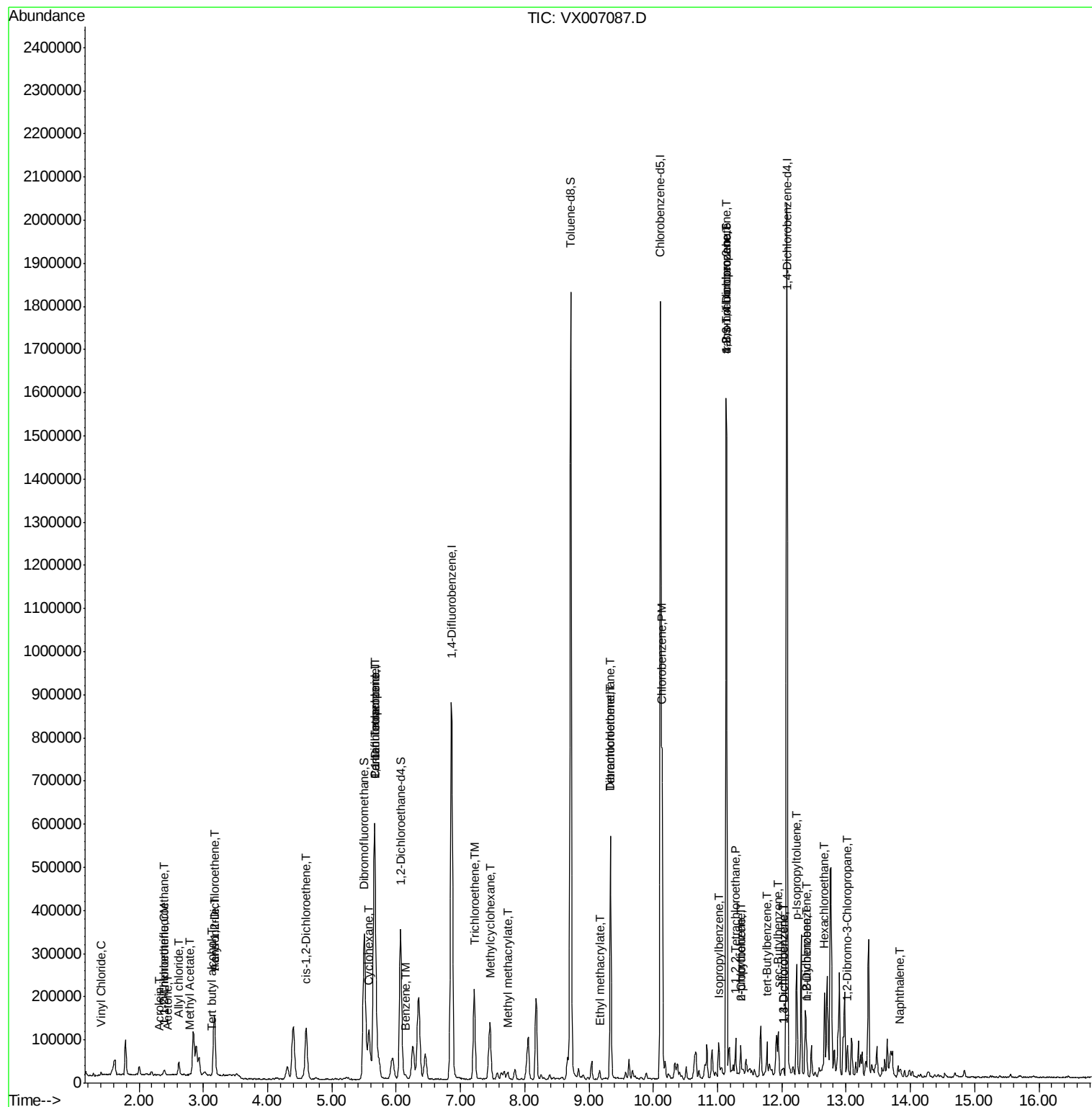
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.02	146	5149	0.502	uq/l	91
89) n-Butylbenzene	12.39	91	14508	0.626	uq/l #	67
90) Hexachloroethane	12.67	117	8181	4.684	uq/l #	7
91) 1,2-Dichlorobenzene	12.39	146	6602	0.440	uq/l	97
92) 1,2-Dibromo-3-Chloropropan	13.02	75	651	0.340	uq/l #	1
95) Naphthalene	13.83	128	9783	0.314	uq/l #	76

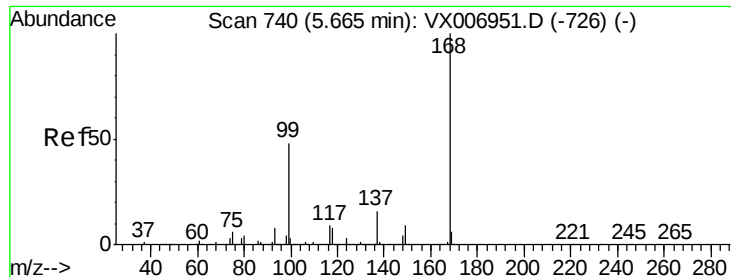
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

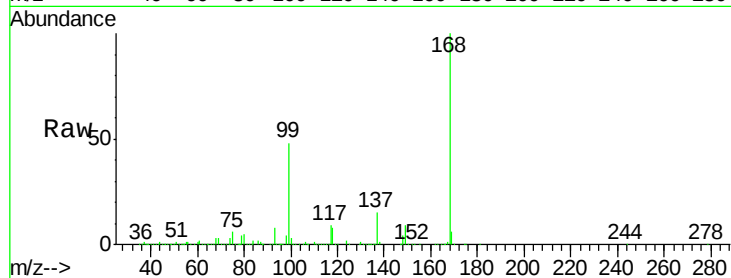
SS037MW266-190114

Tot Ion:168 Resp: 613257

Ion Ratio Lower Upper

168 100

99 48.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

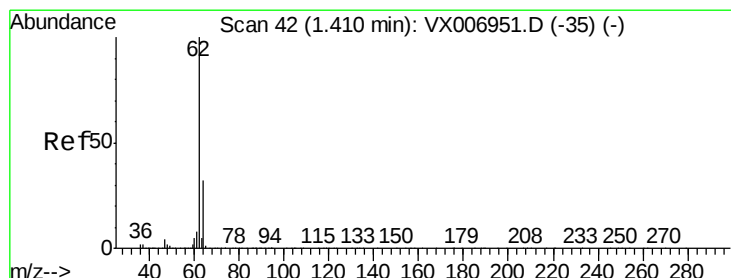
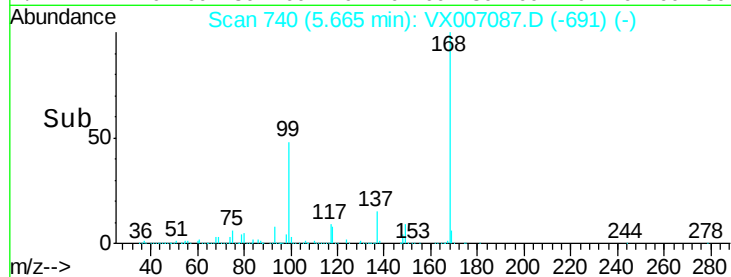
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 0.726 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007087.D

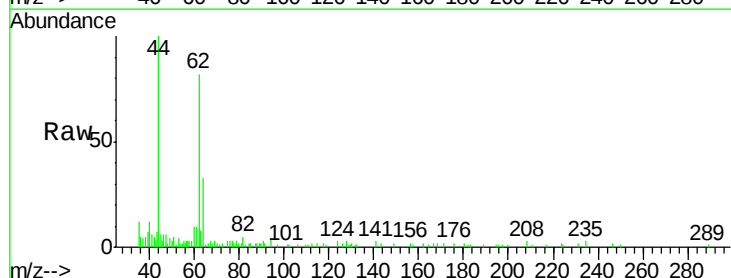
Acq: 17 Jan 2019 14:29

Tgt Ion: 62 Resp: 4576

Ion Ratio Lower Upper

62 100

64 33.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

5000

4000

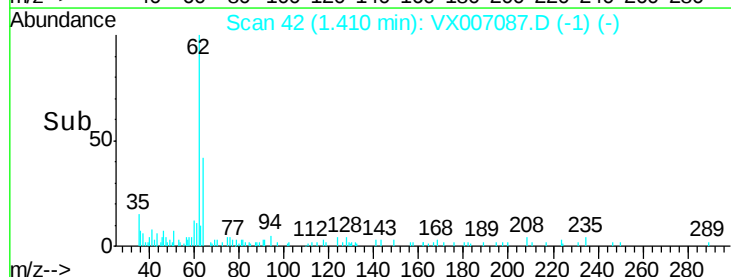
3000

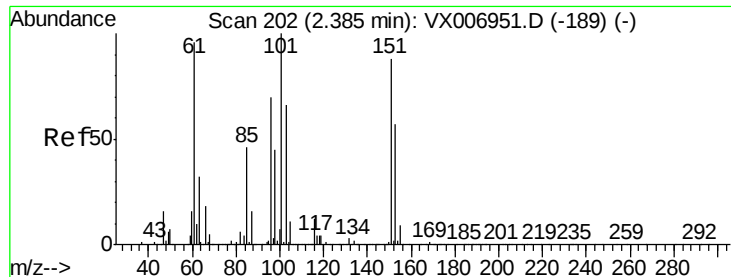
2000

1000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.478 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190114

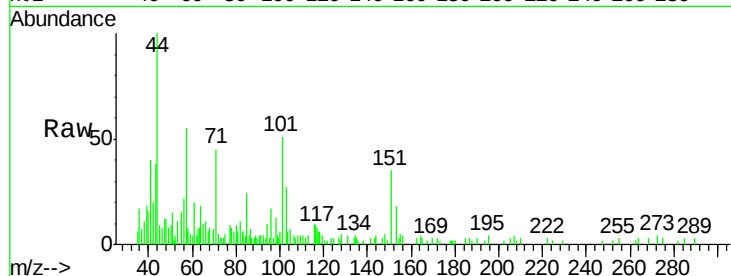
Tot Ion:101 Resp: 2919

Ion Ratio Lower Upper

101 100

85 46.7 35.1 52.7

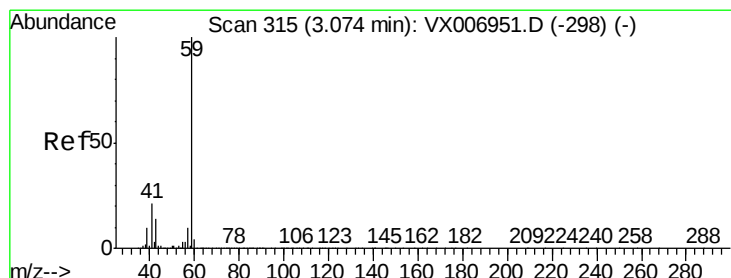
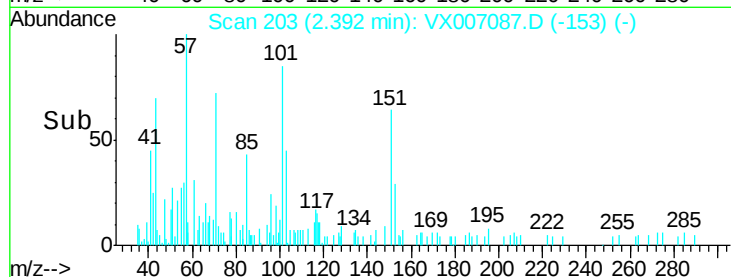
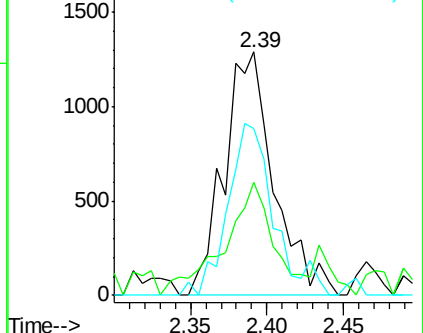
151 61.3 68.9 103.3#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 0.298 ug/l

RT: 3.12 min Scan# 323

Delta R.T. 0.05 min

Lab File: VX007087.D

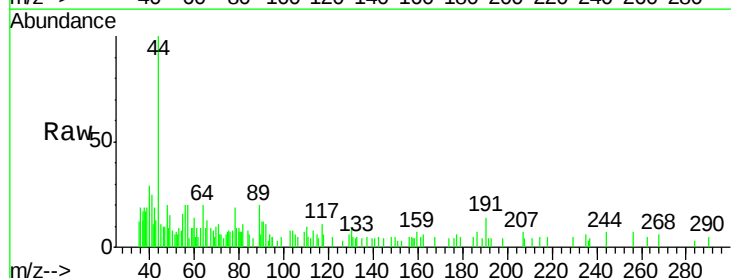
Acq: 17 Jan 2019 14:29

Tgt Ion: 59 Resp: 450

Ion Ratio Lower Upper

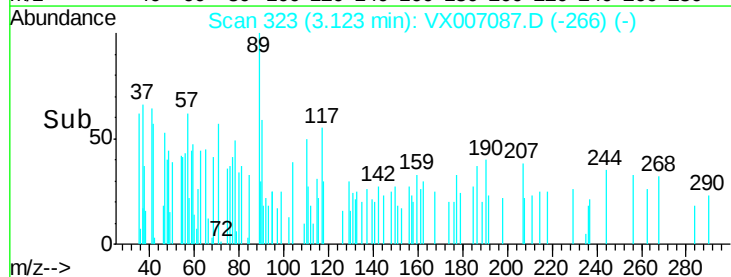
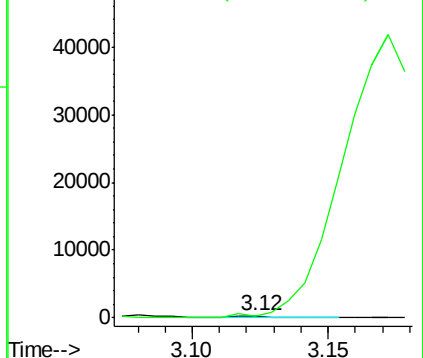
59 100

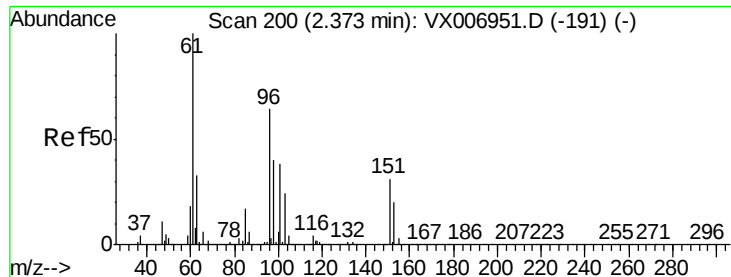
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.260 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

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ClientSampleId :

SS037MW266-190114

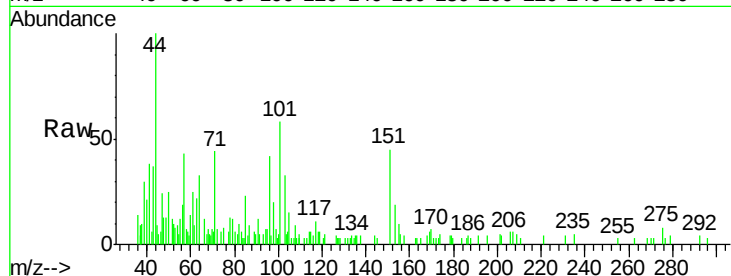
Tot Ion: 96 Resp: 1463

Ion Ratio Lower Upper

96 100

61 51.5 121.4 182.2#

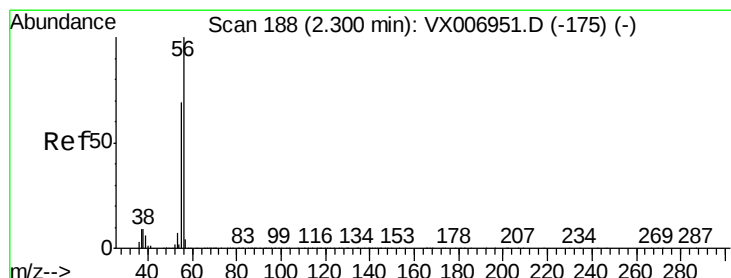
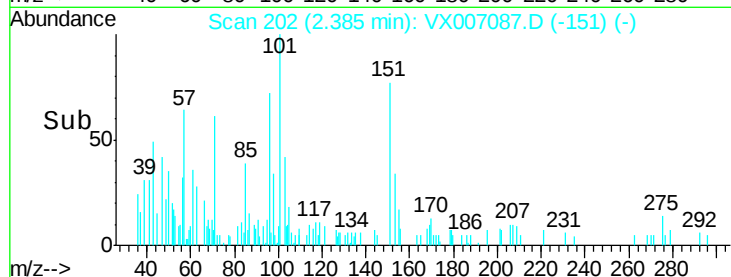
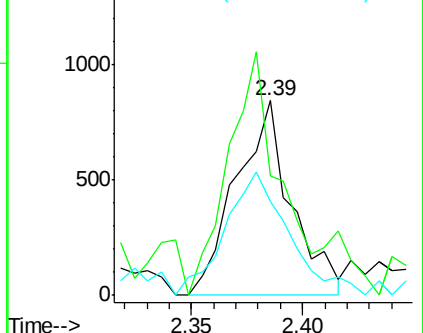
98 38.7 51.9 77.9#



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



#13

Acrolein

Concen: 3.408 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX007087.D

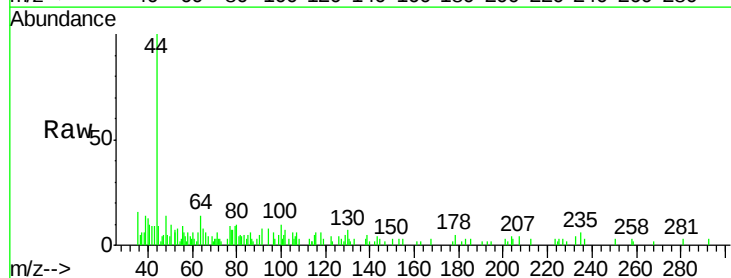
Acq: 17 Jan 2019 14:29

Tgt Ion: 56 Resp: 214

Ion Ratio Lower Upper

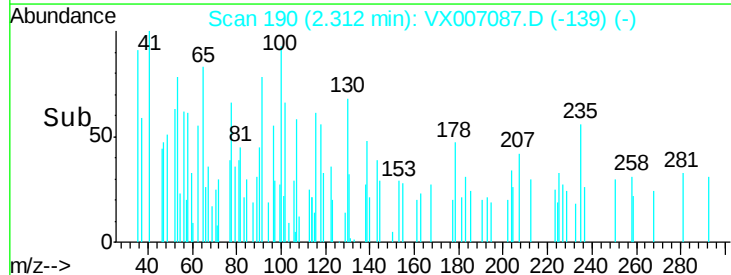
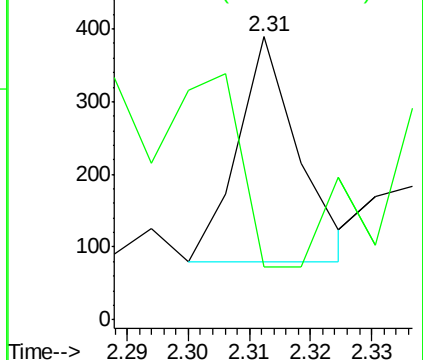
56 100

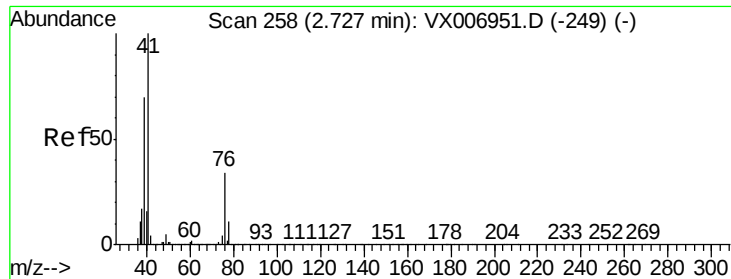
55 156.5 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#14

Allvl chloride

Concen: 0.249 ug/l

RT: 2.61 min Scan# 239

Delta R.T. -0.12 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

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ClientSampleId :

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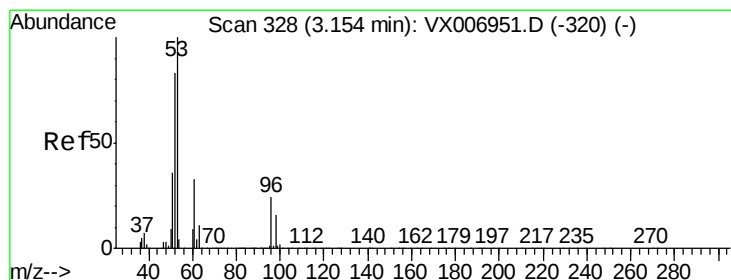
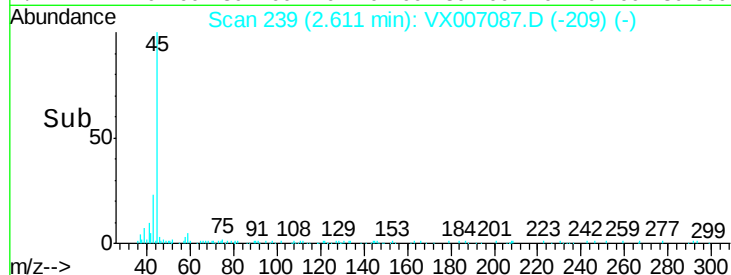
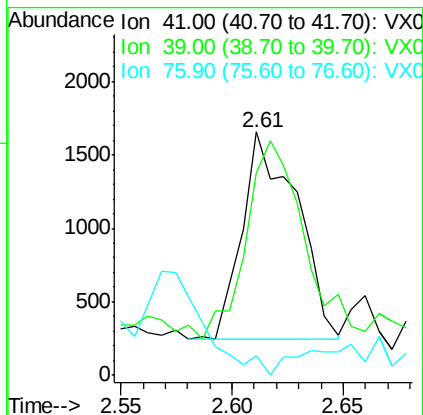
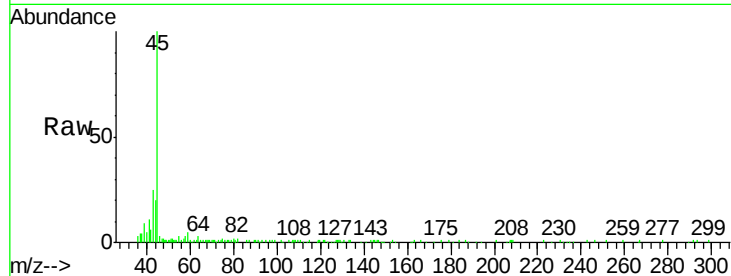
Tot Ion: 41 Resp: 2410

Ion Ratio Lower Upper

41 100

39 100.8 53.6 80.4#

76 0.0 27.4 41.2#



#15

Acrylonitrile

Concen: 1.017 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

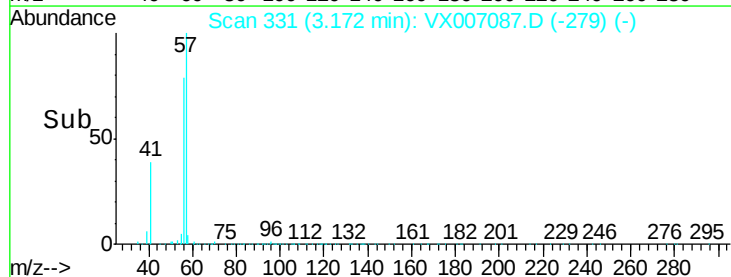
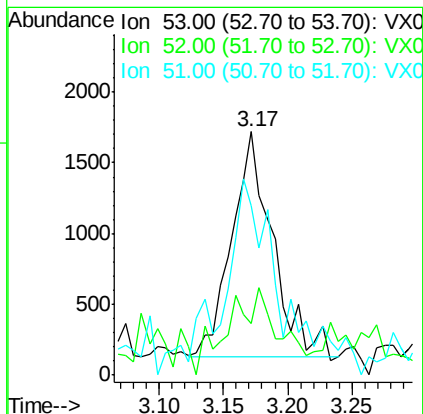
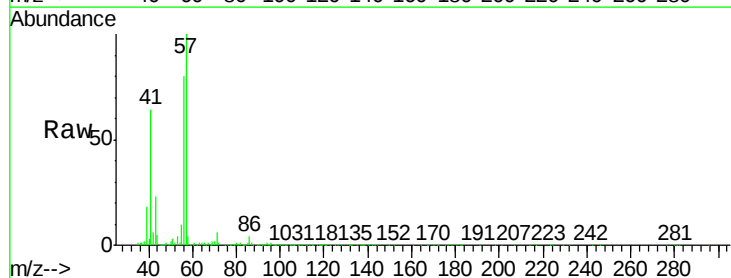
Tgt Ion: 53 Resp: 3528

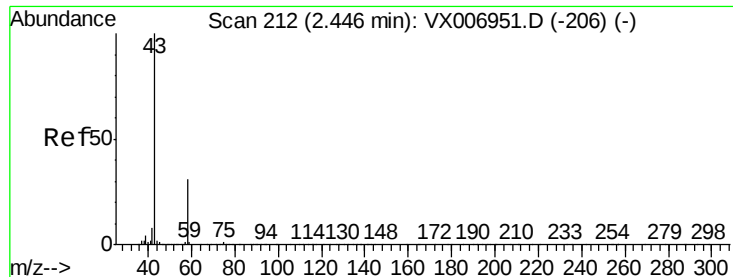
Ion Ratio Lower Upper

53 100

52 24.9 66.0 99.0#

51 104.6 28.6 42.8#

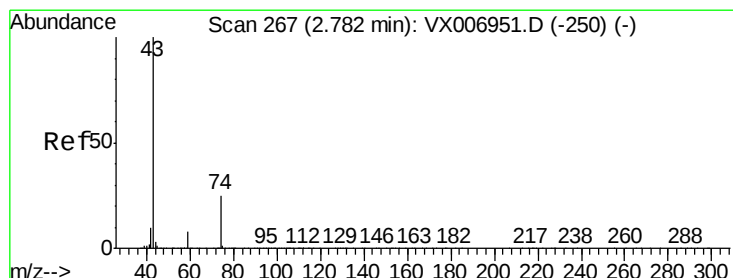
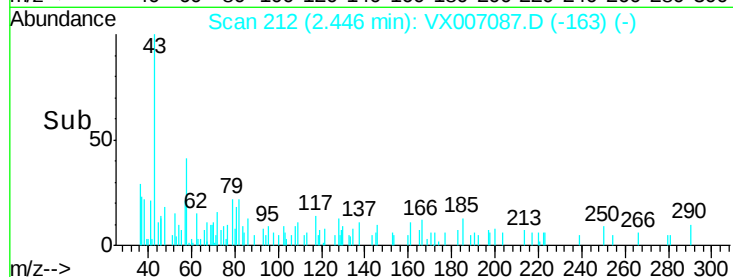
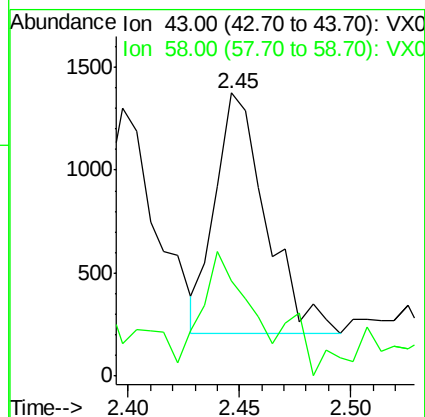
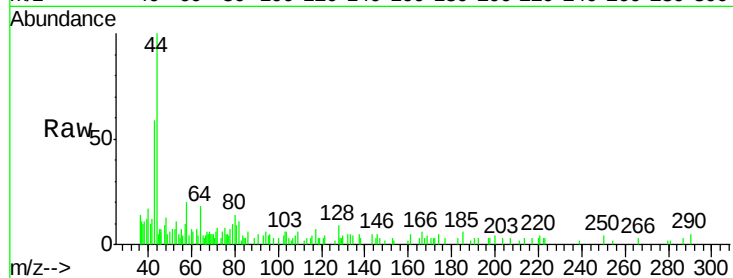




#16
Acetone
Concen: 0.588 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

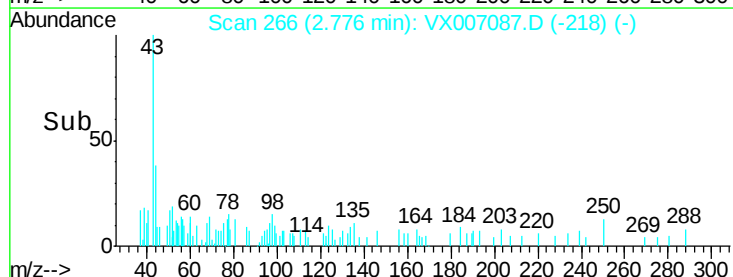
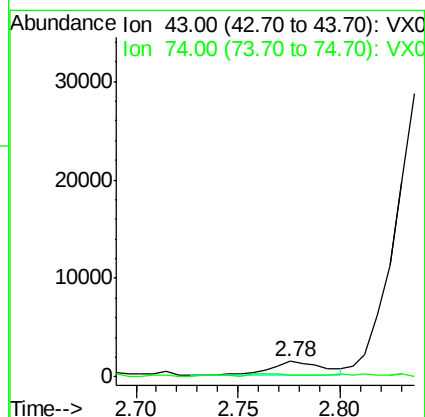
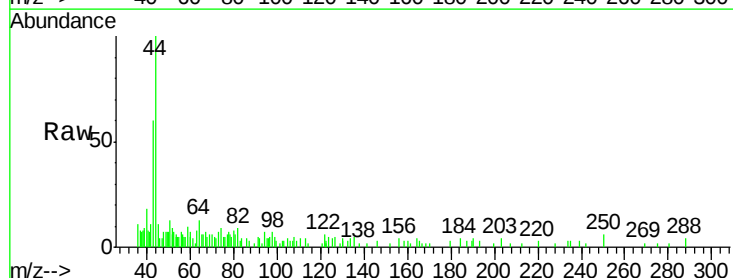
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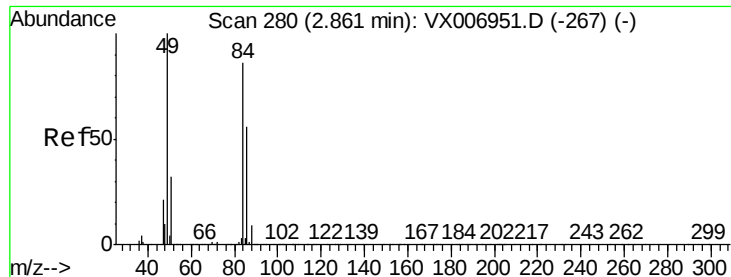
Tot Ion: 43 Resp: 1862
Ion Ratio Lower Upper
43 100
58 31.8 25.0 37.6



#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion: 43 Resp: 2490
Ion Ratio Lower Upper
43 100
74 19.2 18.6 28.0

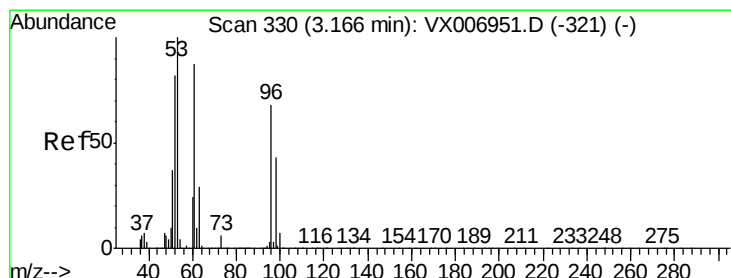
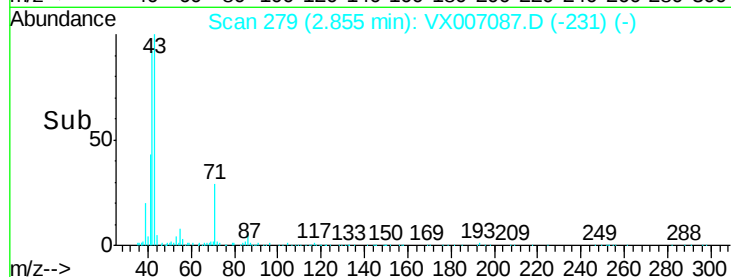
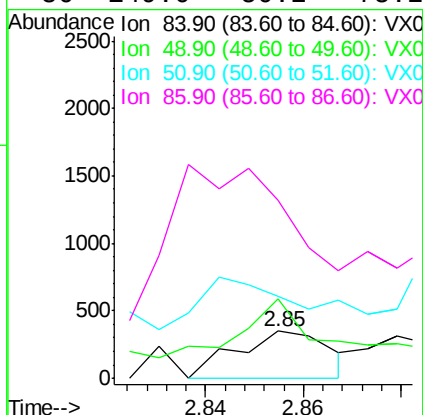
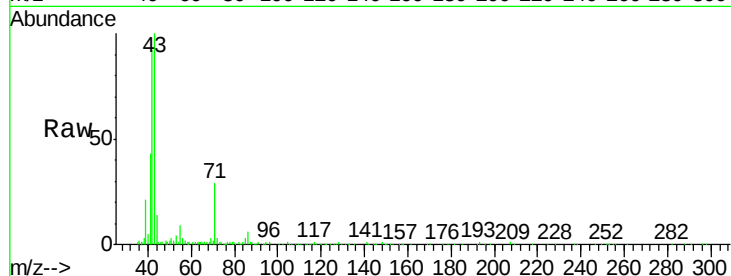




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

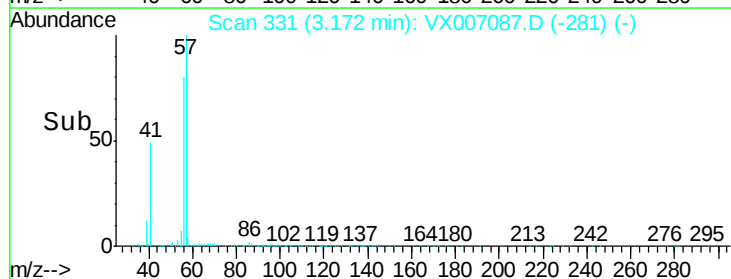
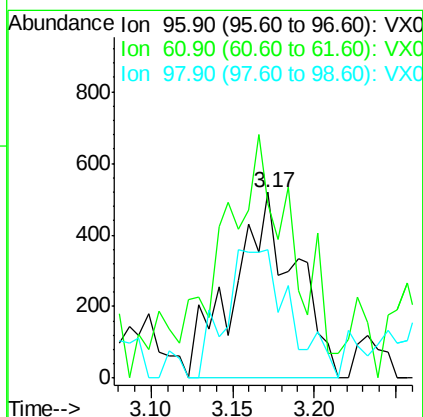
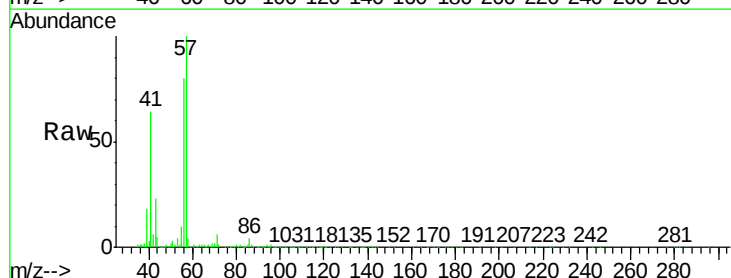
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190114

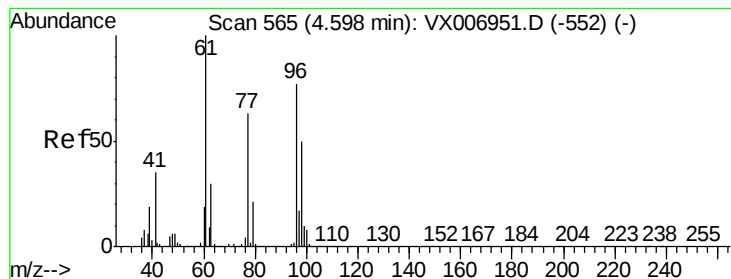
Tot Ion:	84	Resp:	465
Ion	Ratio	Lower	Upper
84	100		
49	100.3	91.8	137.6
51	33.8	28.5	42.7
86	149.0	50.2	75.2#



#21
trans-1,2-Dichloroethene
Concen: 0.219 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion:	96	Resp:	1375
Ion	Ratio	Lower	Upper
96	100		
61	80.1	103.7	155.5#
98	69.5	51.0	76.6



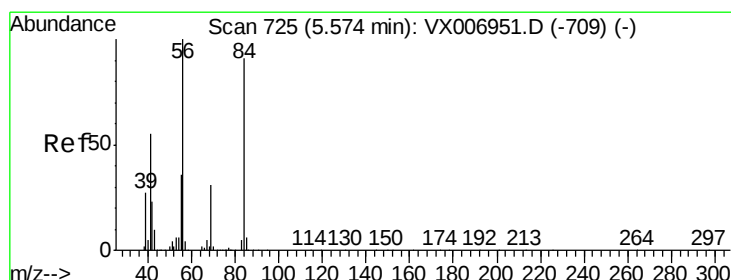
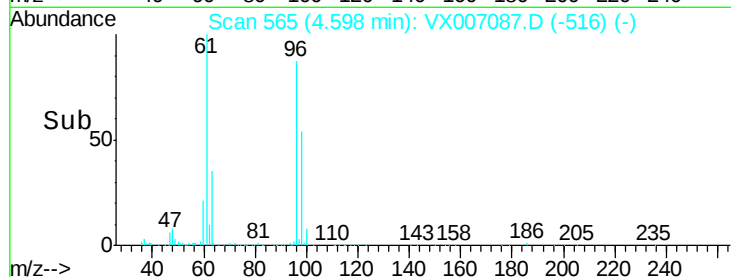
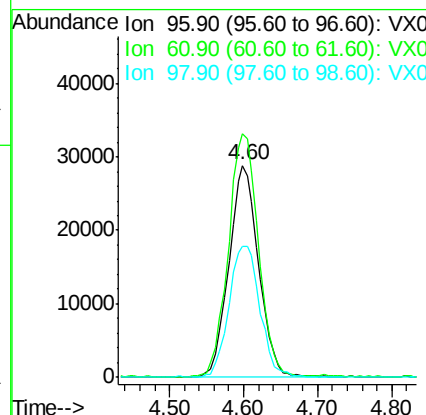
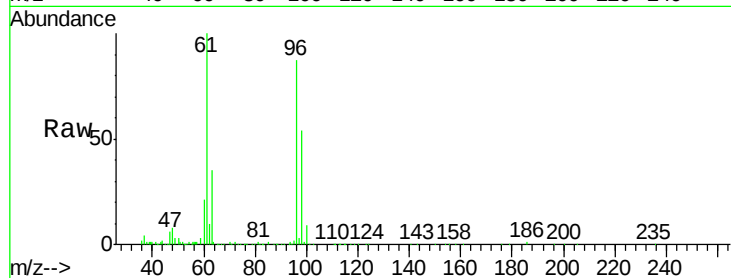


#27

cis-1,2-Dichloroethene
Concen: 11.589 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190114

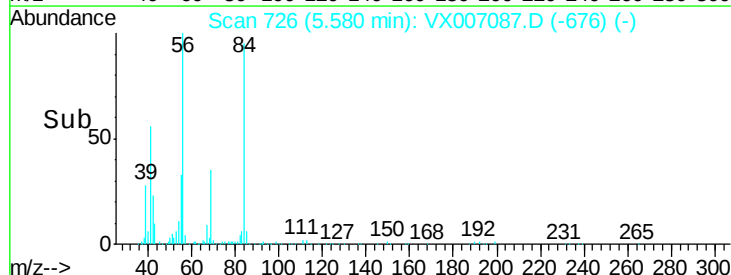
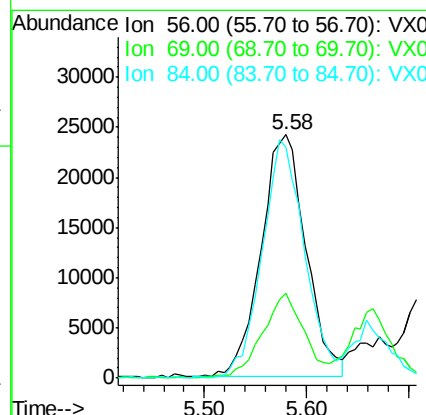
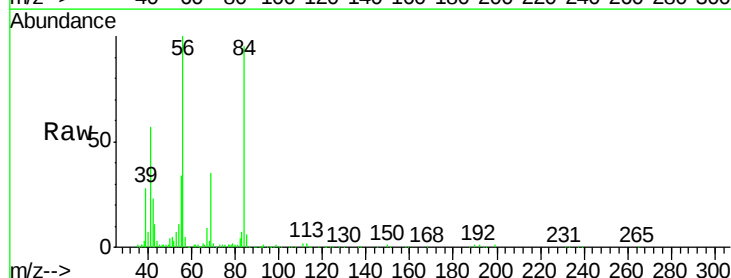
Tot Ion	Ratio	Lower	Upper
96	100		
61	116.9	0.0	258.6
98	64.7	0.0	132.0

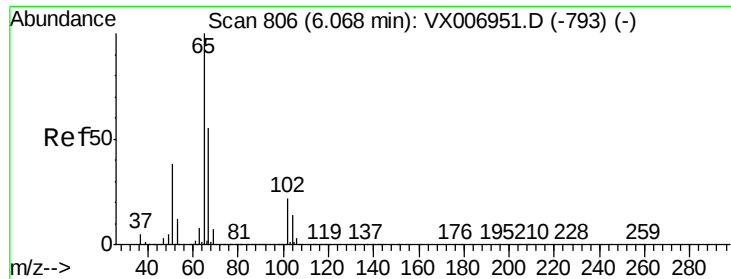


#31

Cyclohexane
Concen: 8.179 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.7	24.4	36.6
84	95.4	70.0	105.0





#33

1,2-Dichloroethane-d4

Concen: 50.255 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

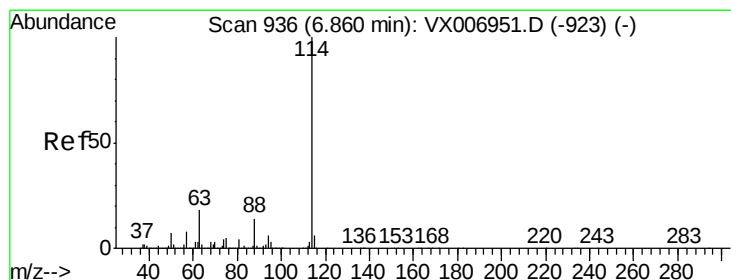
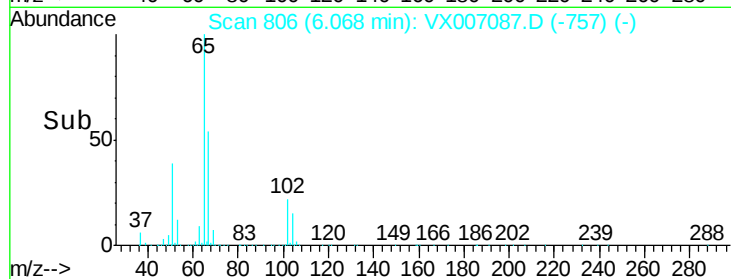
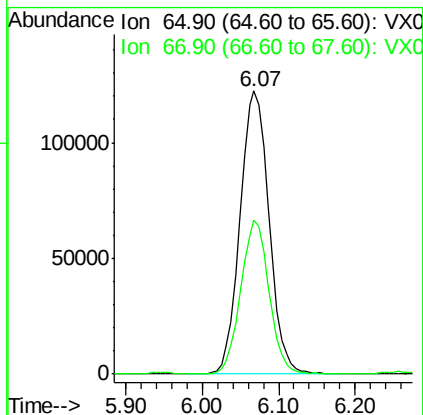
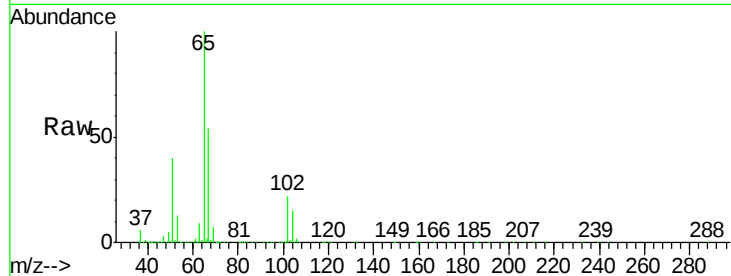
SS037MW266-190114

Tot Ion: 65 Resp: 322088

Ion Ratio Lower Upper

65 100

67 53.0 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: VX007087.D

Acq: 17 Jan 2019 14:29

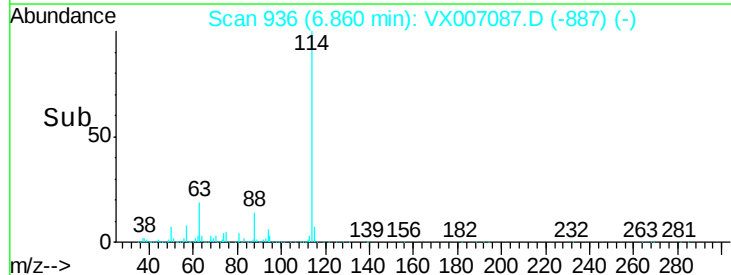
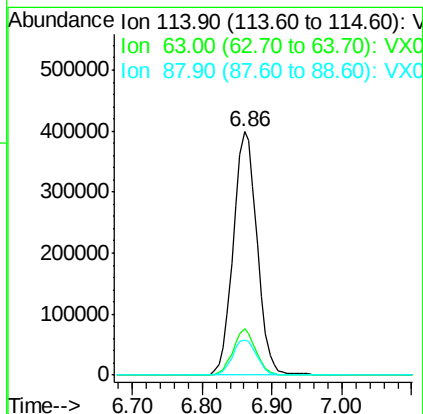
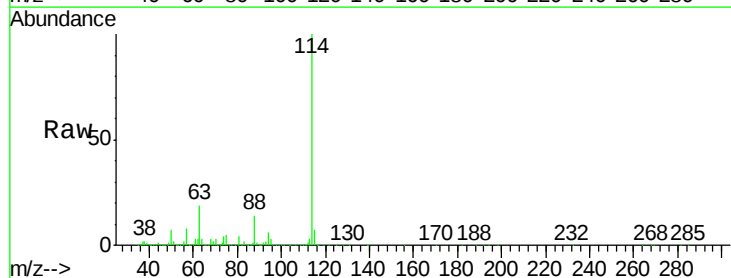
Tgt Ion: 114 Resp: 944439

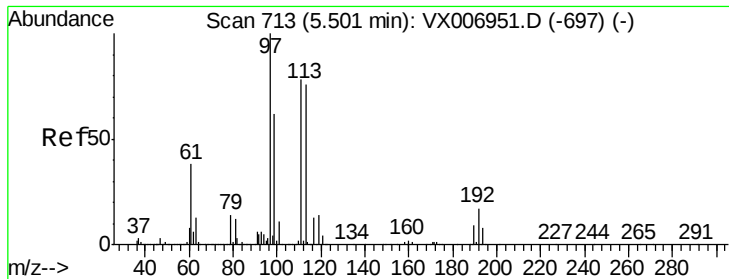
Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.8

88 14.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.982 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190114

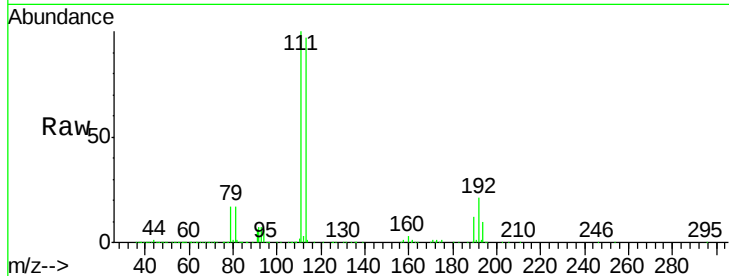
Tot Ion:113 Resp: 284154

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

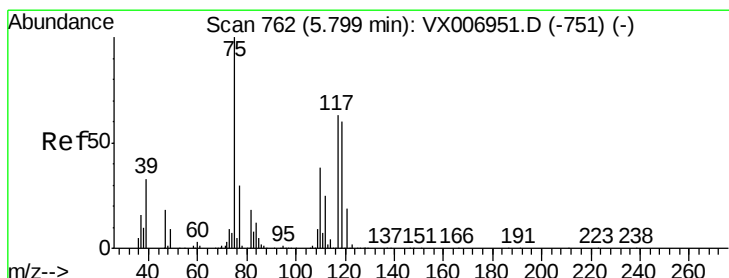
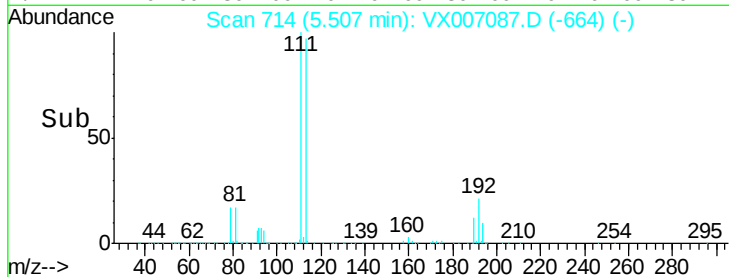
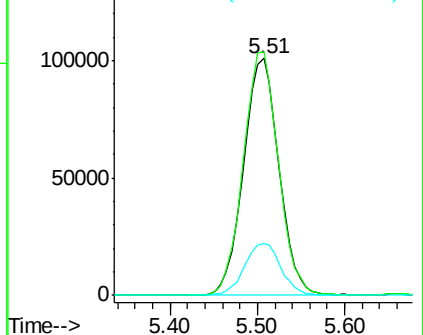
192 22.6 16.7 25.1



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: 4.595 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

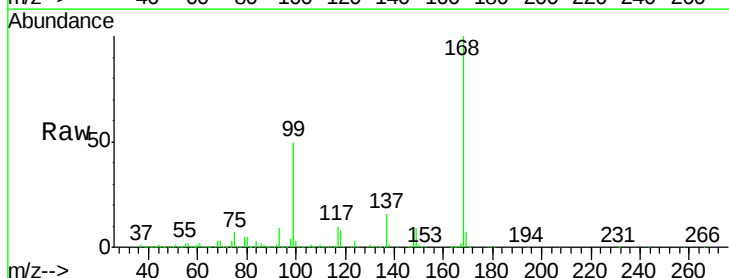
Tgt Ion: 75 Resp: 37730

Ion Ratio Lower Upper

75 100

110 11.1 20.2 60.5#

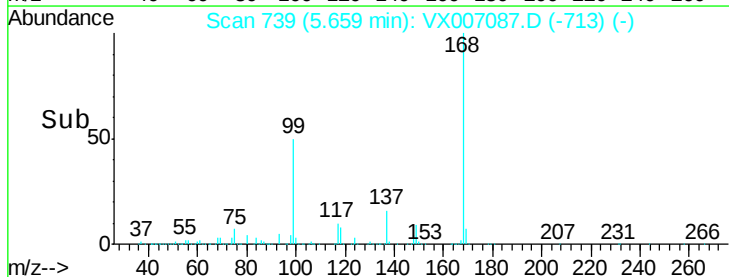
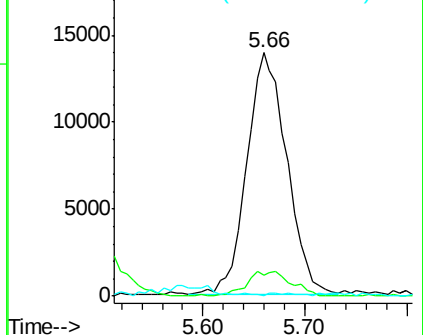
77 0.5 24.8 37.2#

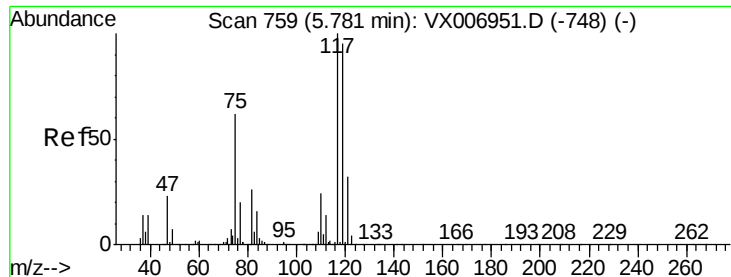


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.615 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190114

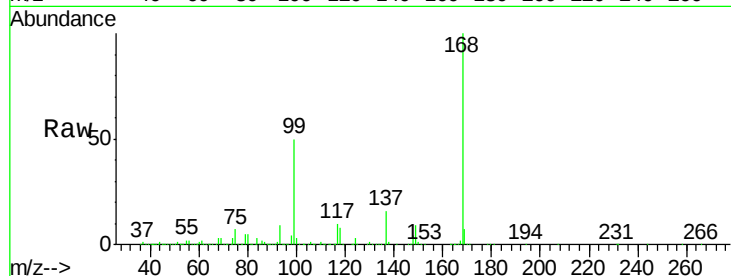
Tot Ion:117 Resp: 54650

Ion Ratio Lower Upper

117 100

119 3.7 79.4 119.2#

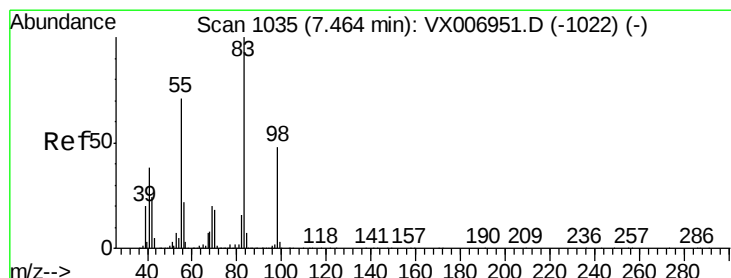
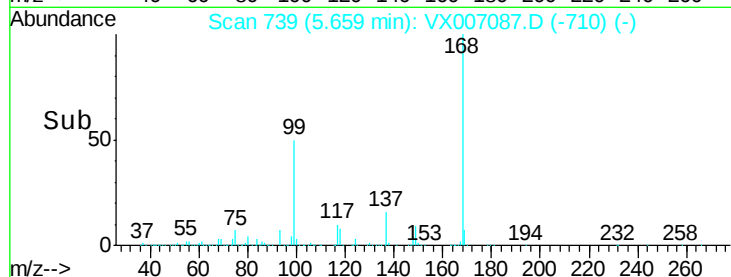
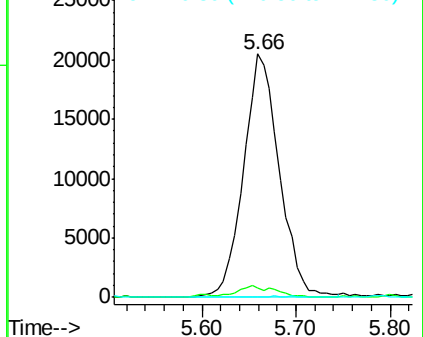
121 0.0 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 5.562 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

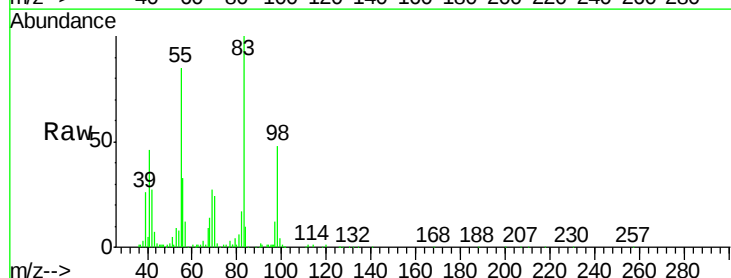
Tgt Ion: 83 Resp: 58219

Ion Ratio Lower Upper

83 100

55 84.9 54.9 82.3#

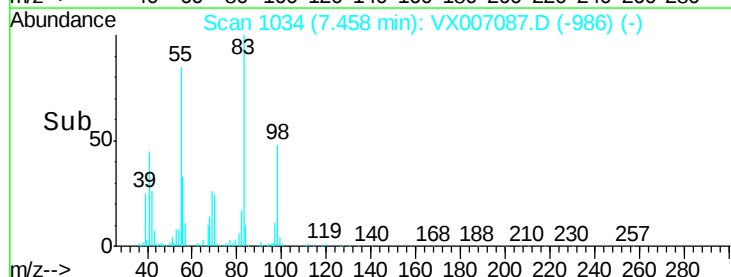
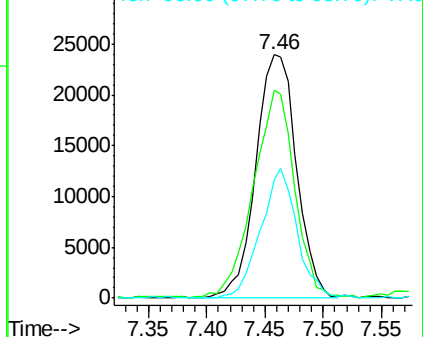
98 48.3 37.9 56.9

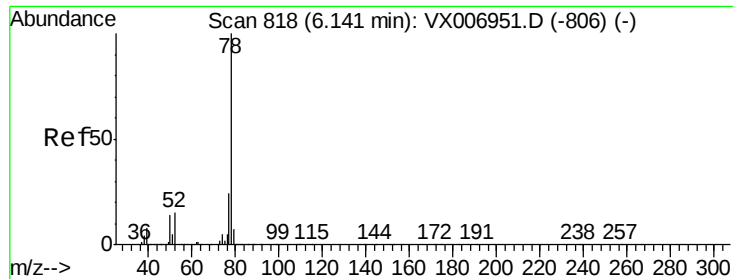


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.439 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

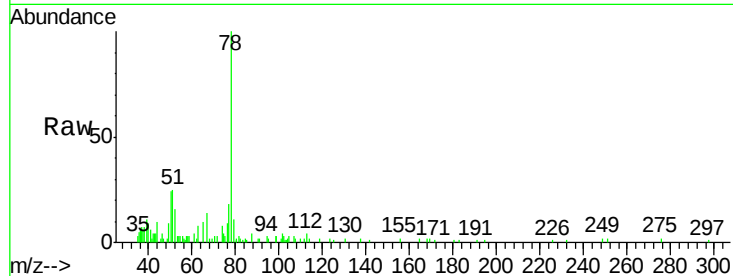
SS037MW266-190114

Tot Ion: 78 Resp: 10992

Ion Ratio Lower Upper

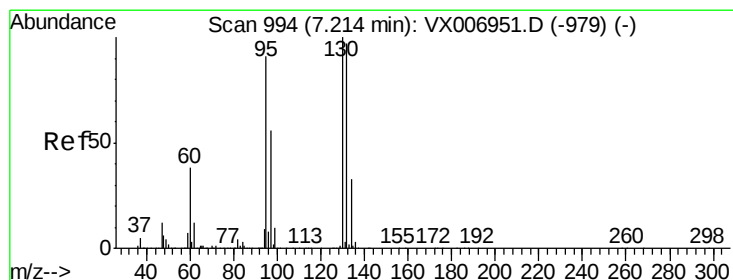
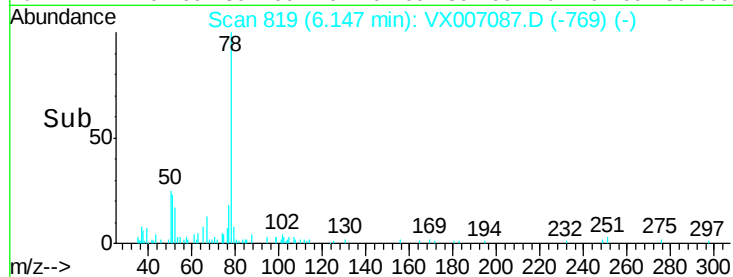
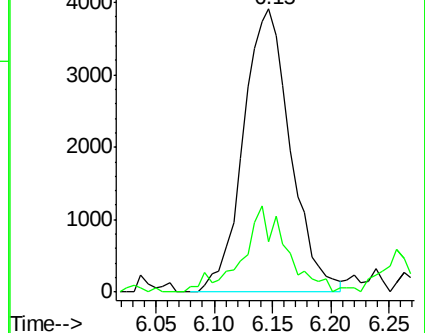
78 100

77 16.0 19.2 28.8#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#44

Trichloroethene

Concen: 11.503 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007087.D

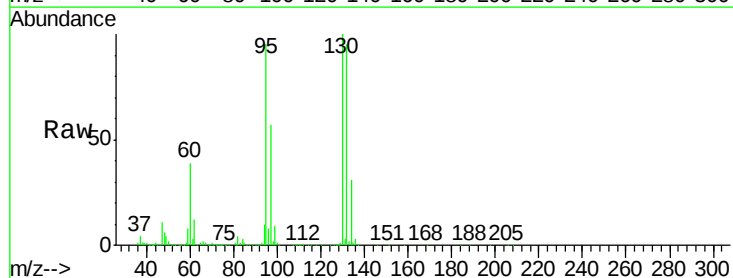
Acq: 17 Jan 2019 14:29

Tgt Ion:130 Resp: 86364

Ion Ratio Lower Upper

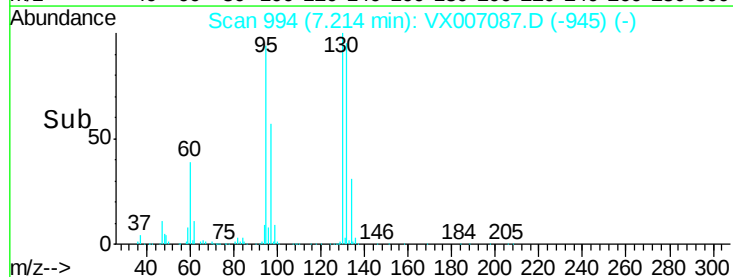
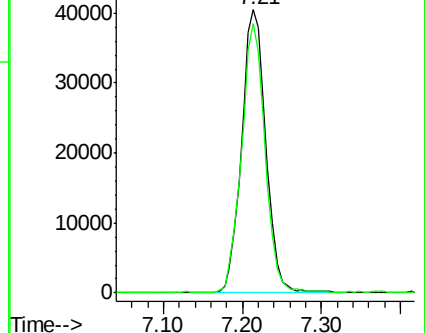
130 100

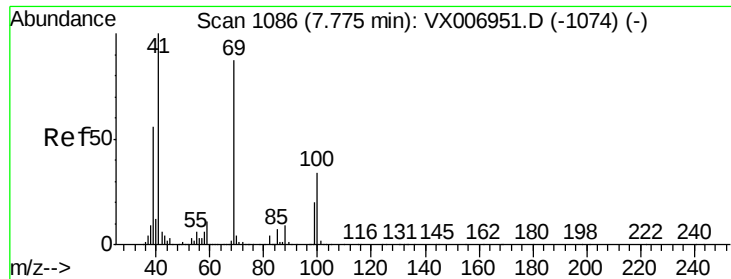
95 94.8 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

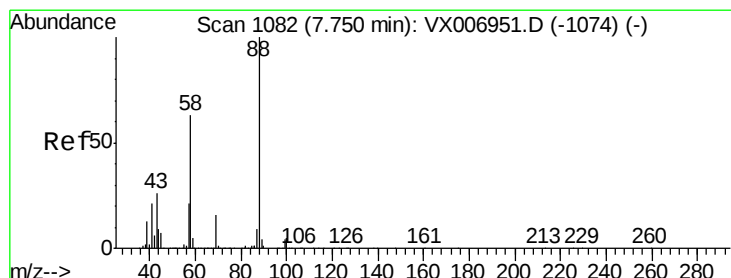
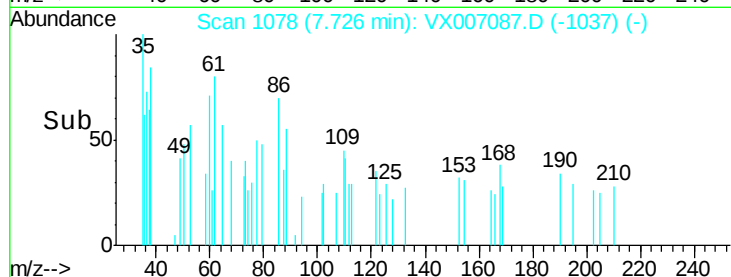
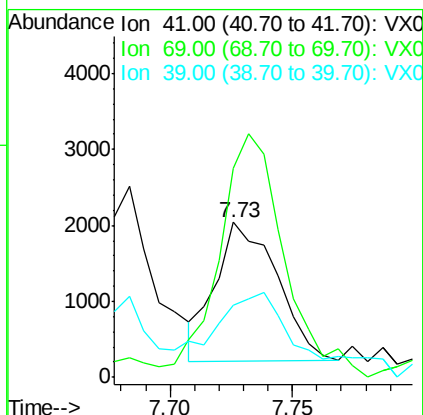
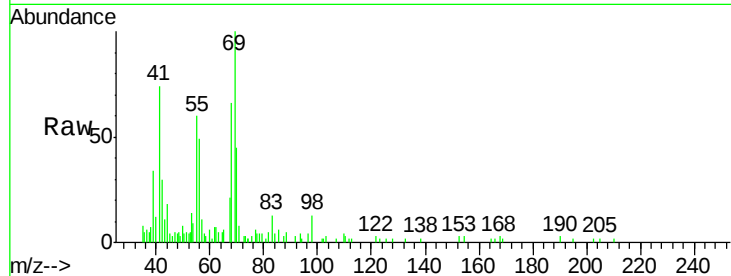




#48
Methyl methacrylate
Concen: 0.449 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.05 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

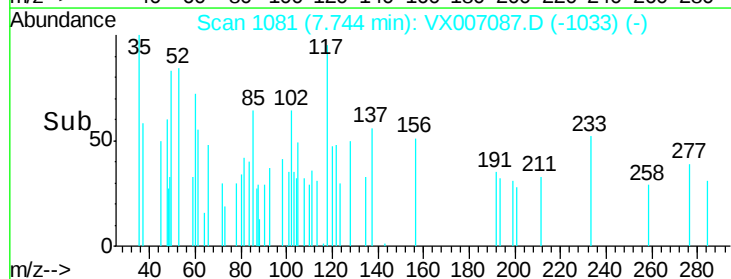
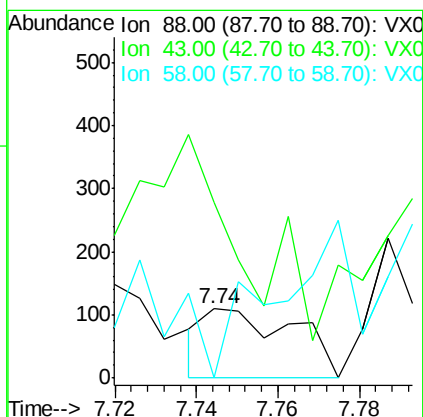
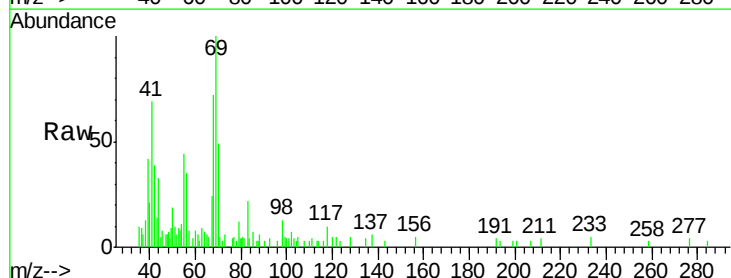
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190114

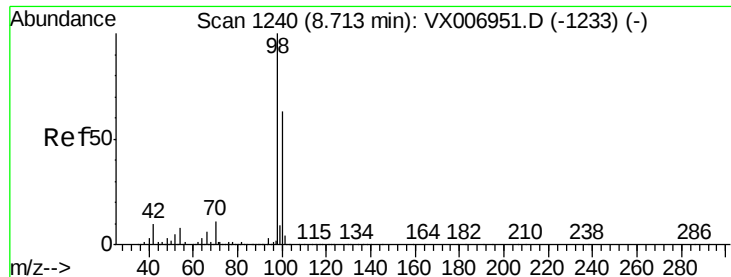
Tot Ion: 41 Resp: 3199
Ion Ratio Lower Upper
41 100
69 185.9 72.4 108.6#
39 86.9 45.8 68.8#



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007087.D
Acq: 17 Jan 2019 14:29

Tgt Ion: 88 Resp: 166
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.4#
58 0.0 51.0 76.4#





#50

Toluene-d8

Concen: 50.582 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

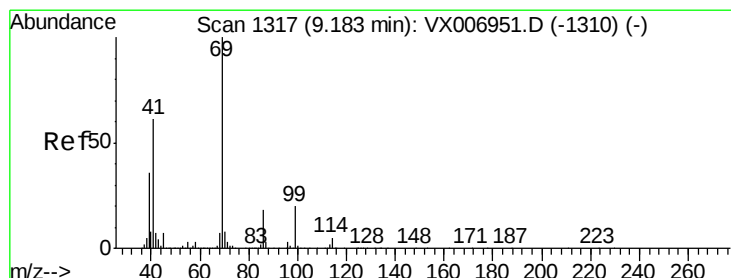
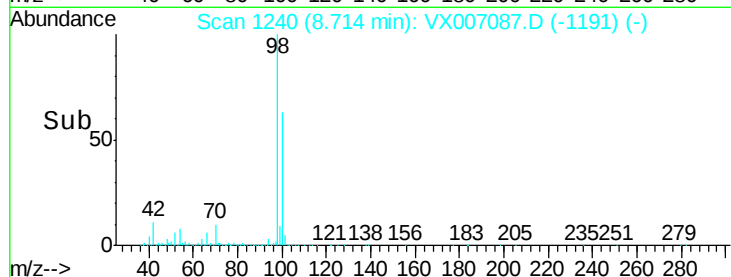
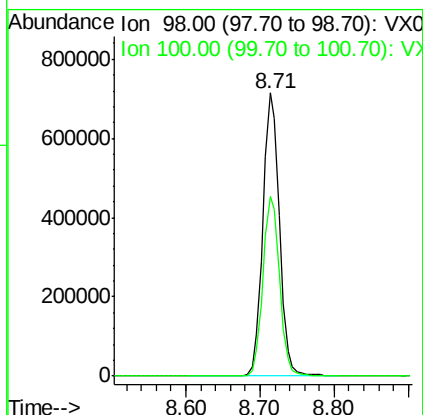
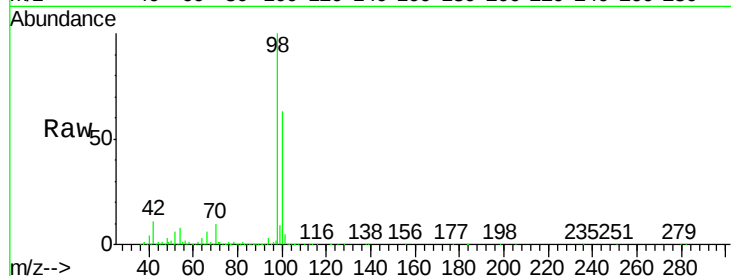
SS037MW266-190114

Tot Ion: 98 Resp: 1119794

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#56

Ethyl methacrylate

Concen: 0.219 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

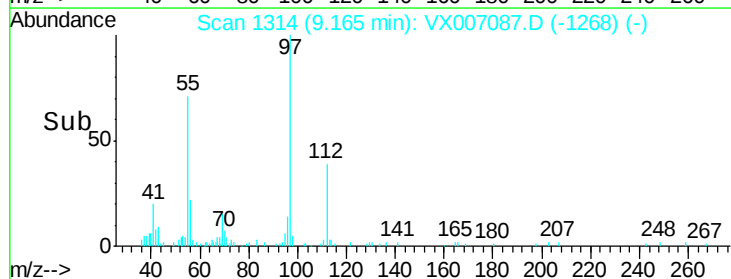
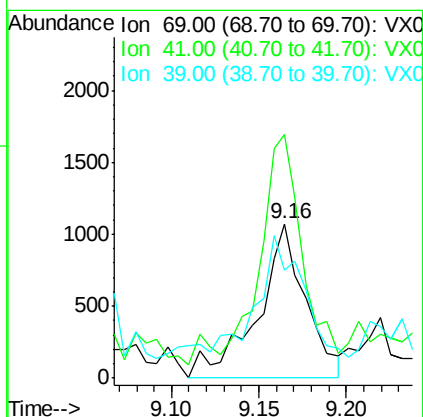
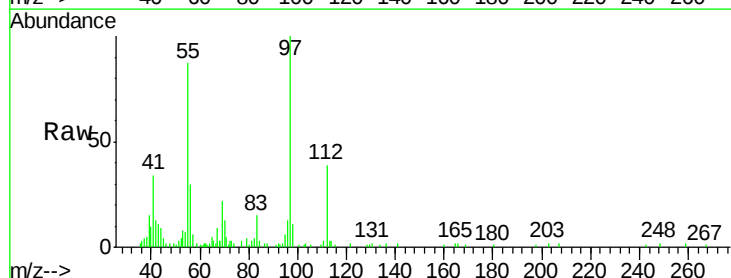
Tgt Ion: 69 Resp: 2057

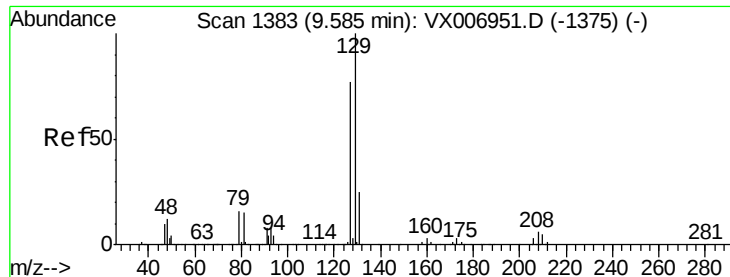
Ion Ratio Lower Upper

69 100

41 114.6 48.7 73.1#

39 94.5 27.0 40.6#





#60

Dibromochloromethane

Concen: 16.606 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

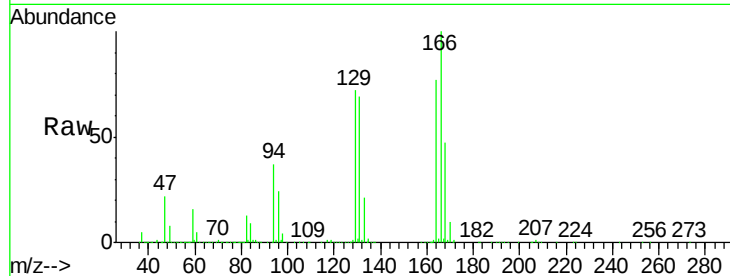
SS037MW266-190114

Tot Ion:129 Resp: 103937

Ion Ratio Lower Upper

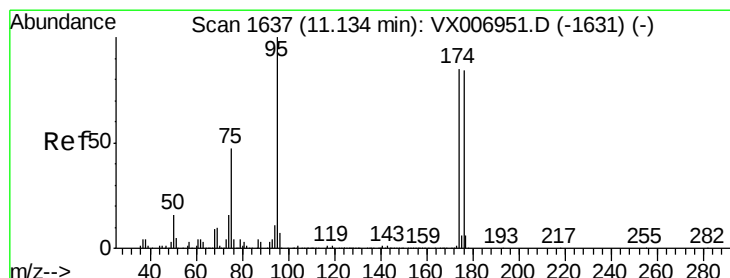
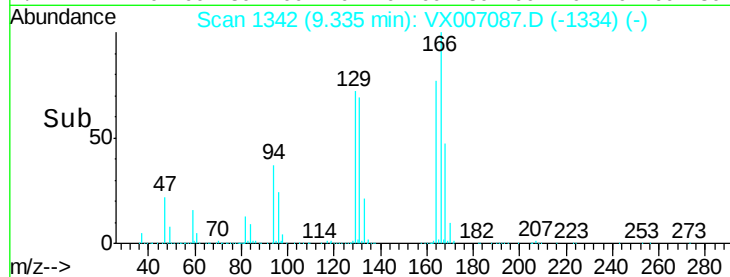
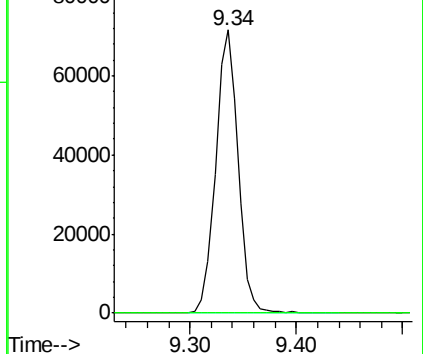
129 100

127 0.2 39.3 117.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 51.832 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

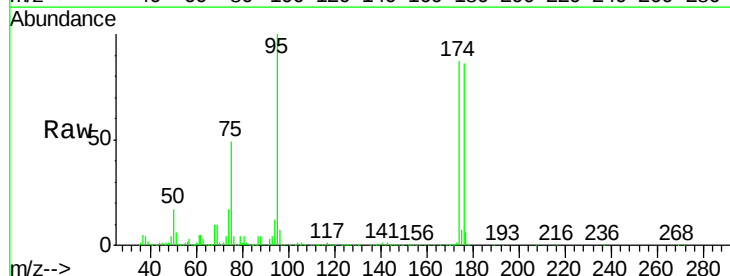
Tgt Ion: 95 Resp: 400029

Ion Ratio Lower Upper

95 100

174 93.5 0.0 182.2

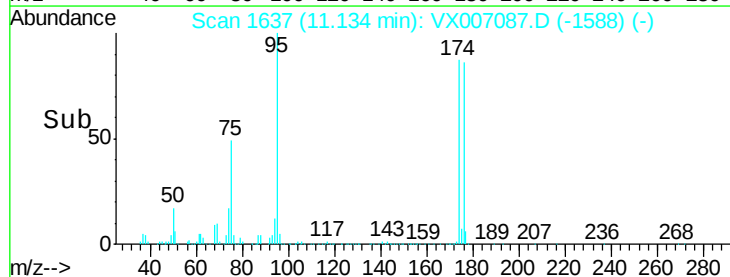
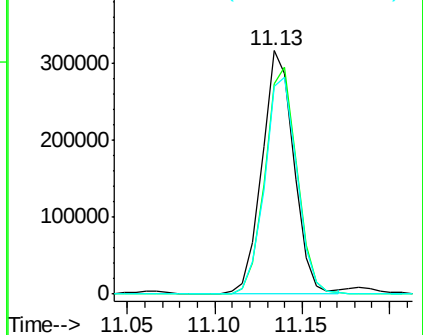
176 90.9 0.0 178.8

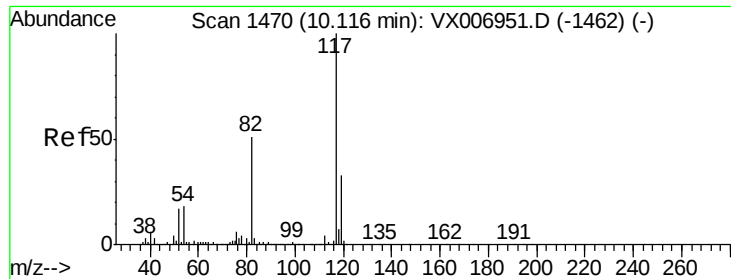


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190114

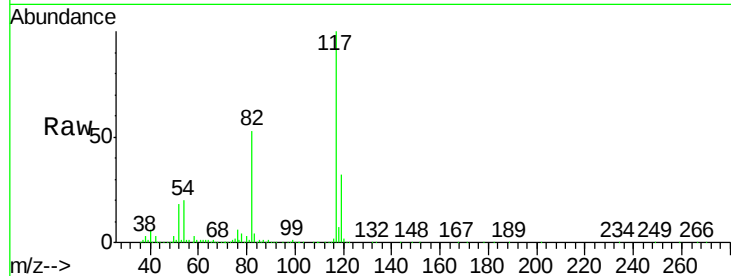
Tot Ion:117 Resp: 865936

Ion Ratio Lower Upper

117 100

82 53.4 41.0 61.6

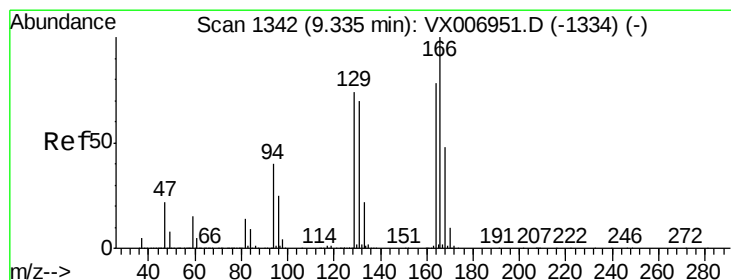
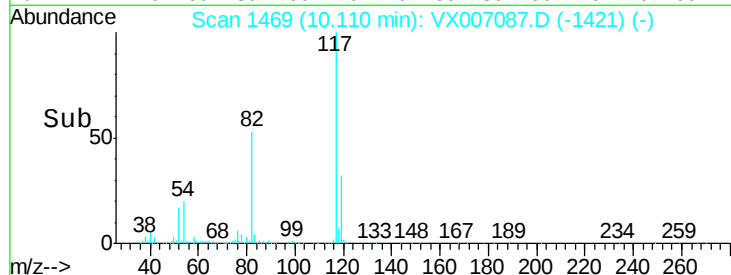
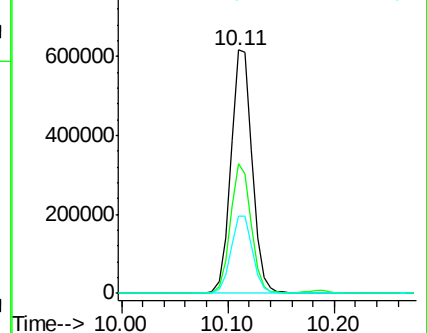
119 31.7 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 14.887 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Tgt Ion:164 Resp: 111612

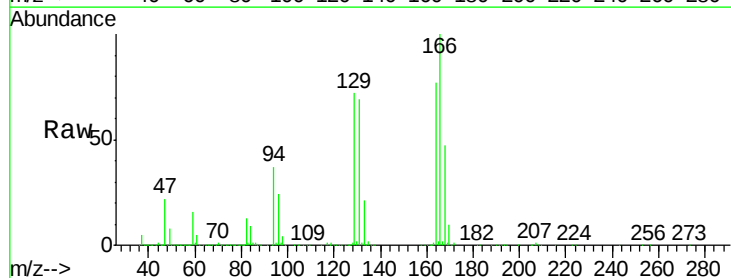
Ion Ratio Lower Upper

164 100

166 130.6 102.5 153.7

129 94.5 75.1 112.7

131 90.3 72.7 109.1

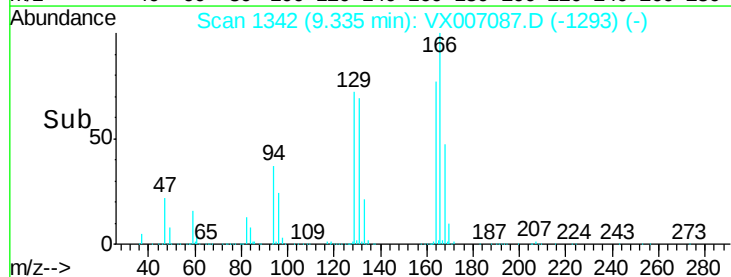
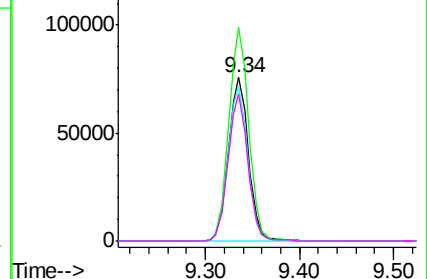


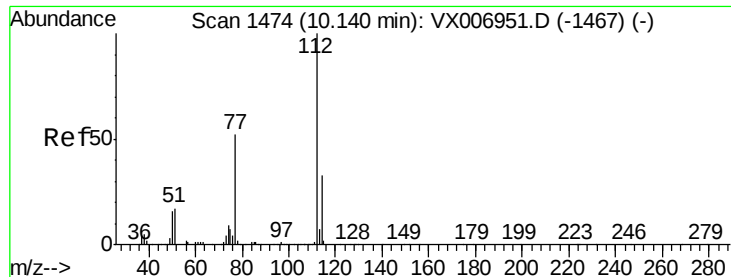
Abundance Ion 163.80 (163.50 to 164.50): V

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: 16.859 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

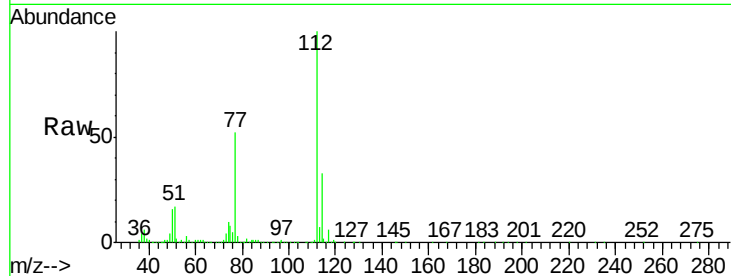
SS037MW266-190114

Tot Ion:112 Resp: 318411

Ion Ratio Lower Upper

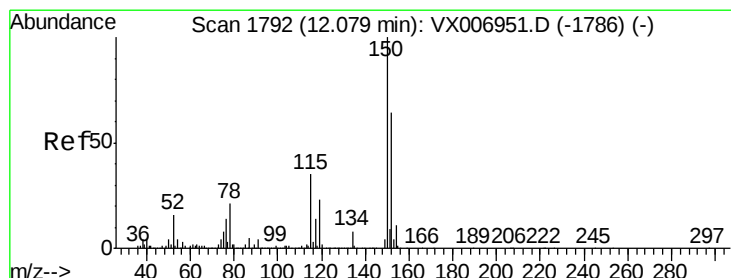
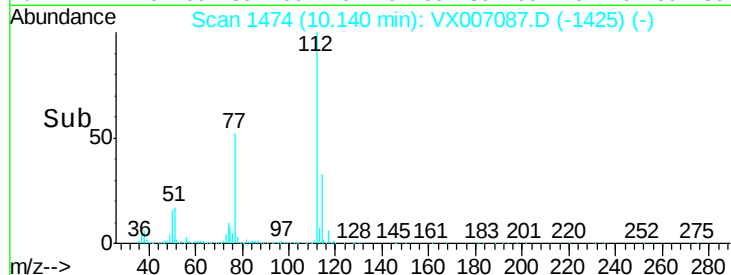
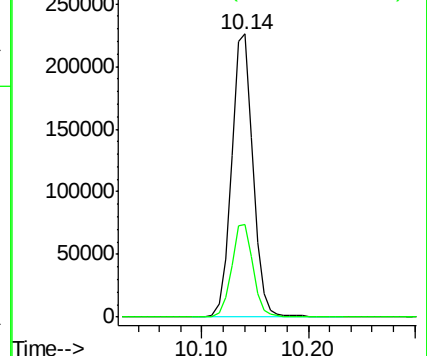
112 100

114 32.6 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: VX007087.D

Acq: 17 Jan 2019 14:29

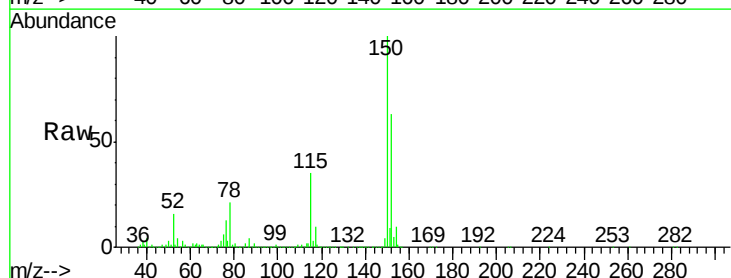
Tgt Ion:152 Resp: 432715

Ion Ratio Lower Upper

152 100

115 54.7 39.1 117.2

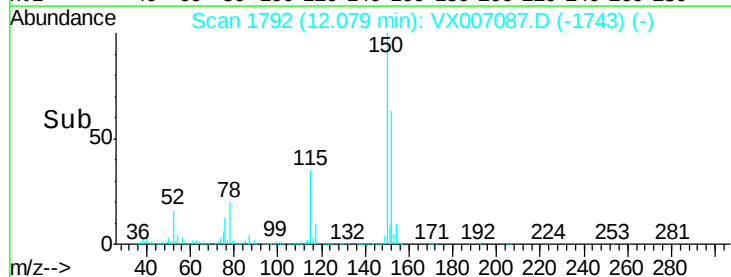
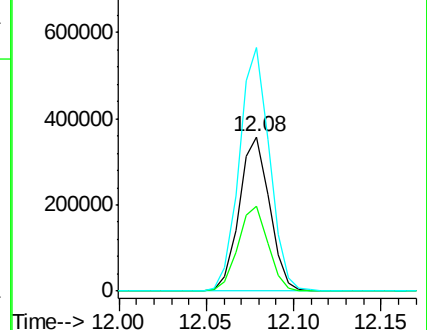
150 157.8 0.0 344.8

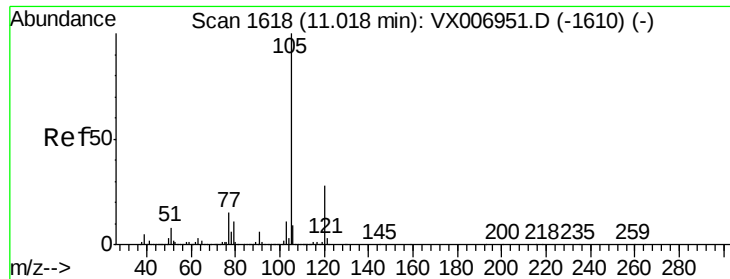


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.390 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

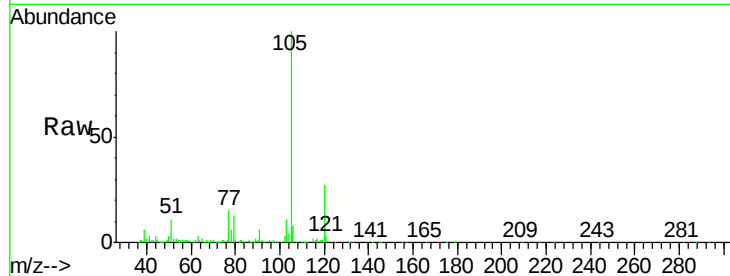
SS037MW266-190114

Tot Ion:105 Resp: 42413

Ion Ratio Lower Upper

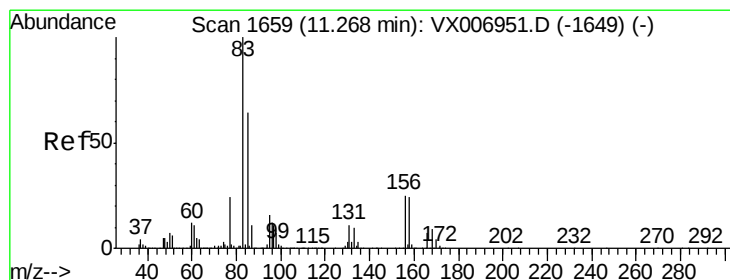
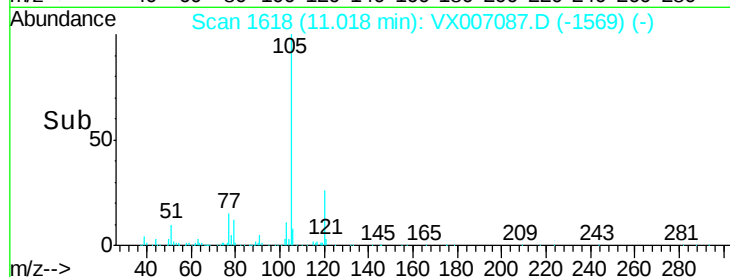
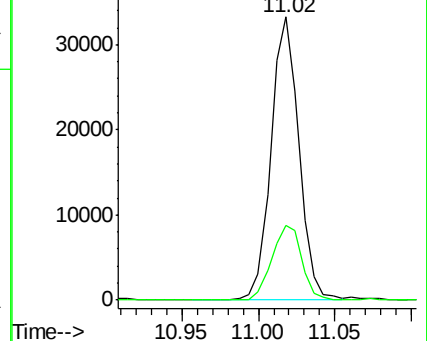
105 100

120 28.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 0.282 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

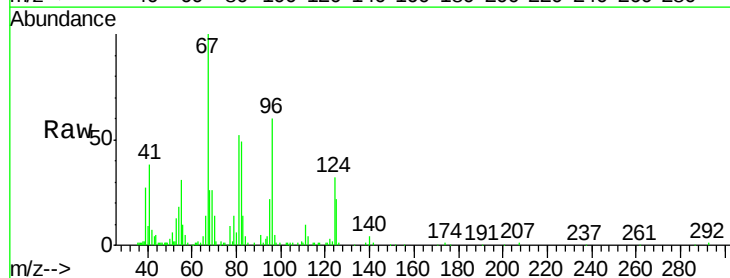
Tgt Ion: 83 Resp: 2732

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

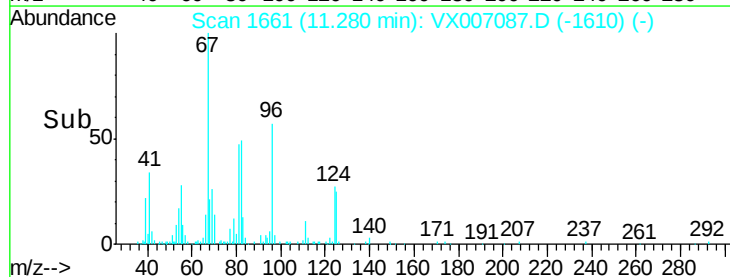
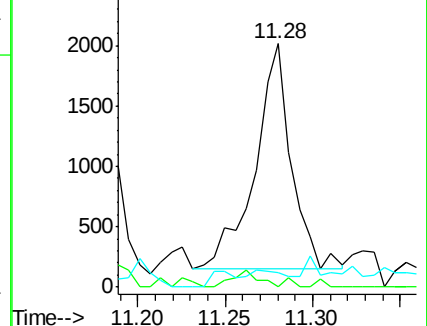
85 7.8 32.2 96.6#

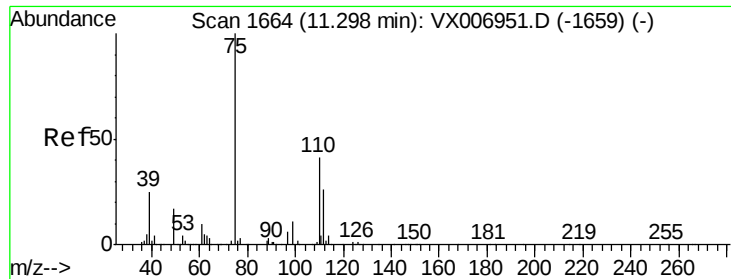


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

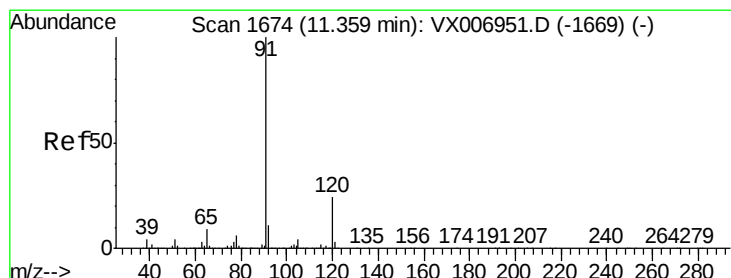
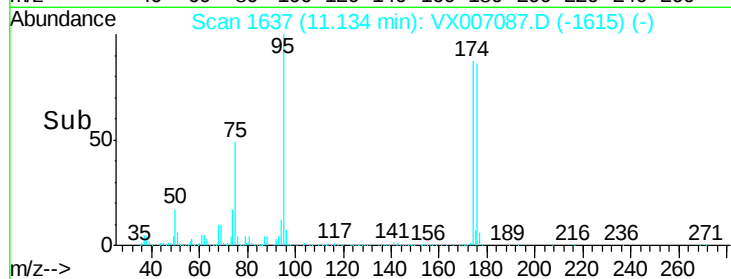
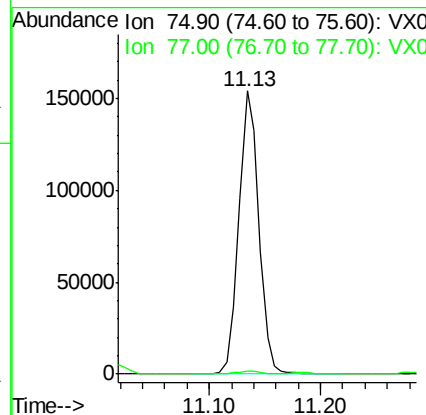
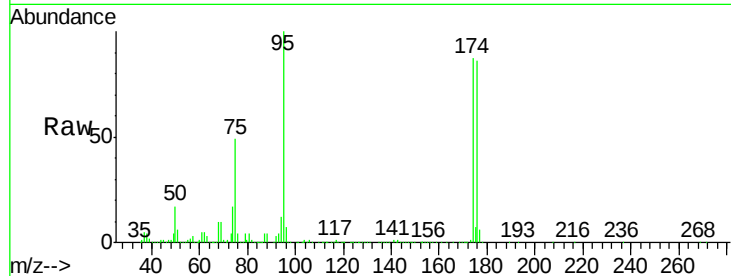




#76
 1,2,3-Trichloropropane
 Concen: 21.778 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007087.D
 Acq: 17 Jan 2019 14:29

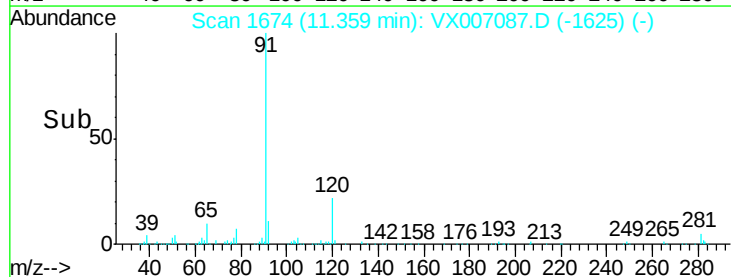
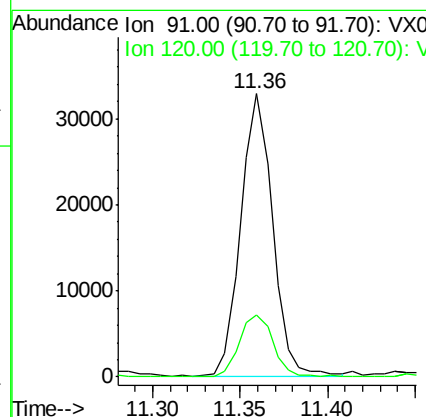
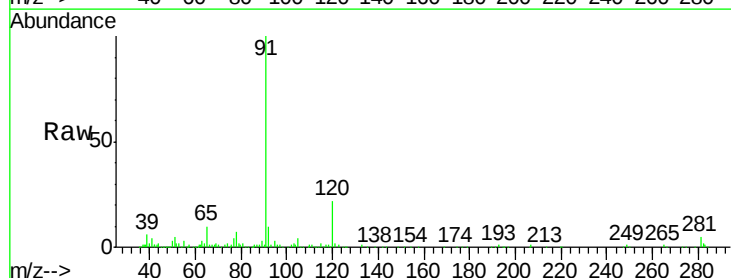
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW266-190114

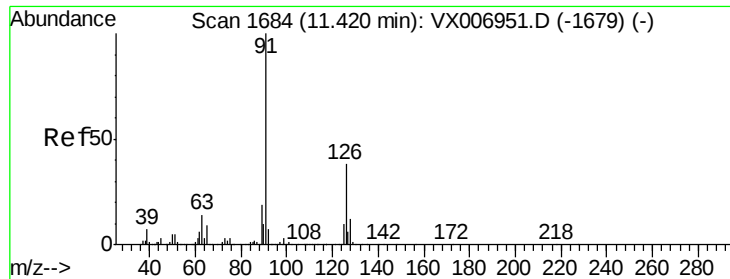
Tot Ion: 75 Resp: 190967
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.5 55.5#



#78
 n-propylbenzene
 Concen: 1.239 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX007087.D
 Acq: 17 Jan 2019 14:29

Tgt Ion: 91 Resp: 41488
 Ion Ratio Lower Upper
 91 100
 120 23.6 12.7 38.0





#79

2-Chlorotoluene

Concen: 2.058 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

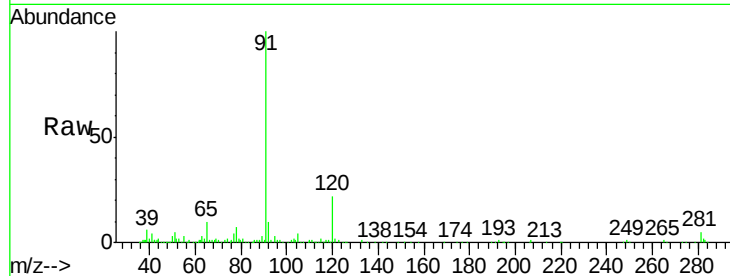
SS037MW266-190114

Tot Ion: 91 Resp: 41488

Ion Ratio Lower Upper

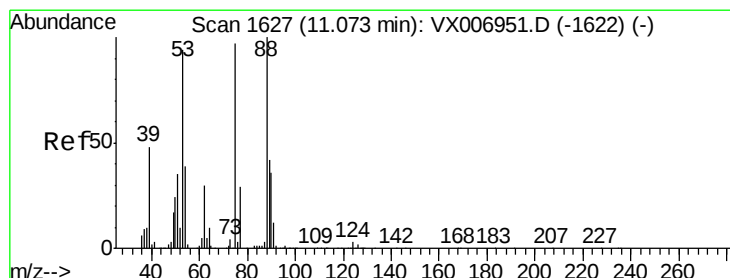
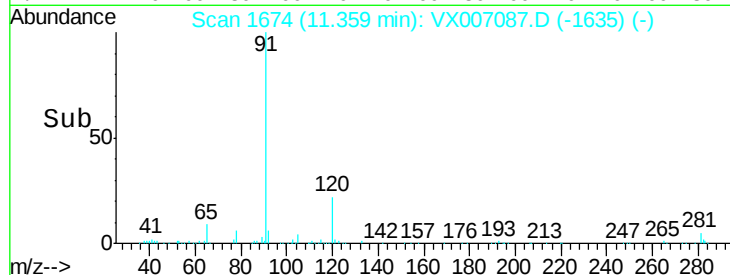
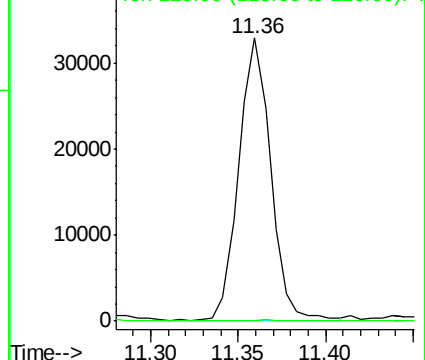
91 100

126 0.3 18.6 56.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 64.534 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

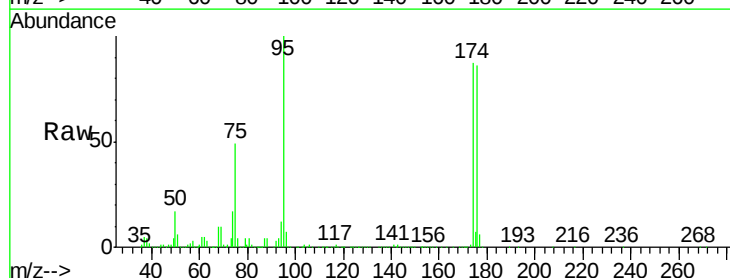
Tgt Ion: 75 Resp: 190967

Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

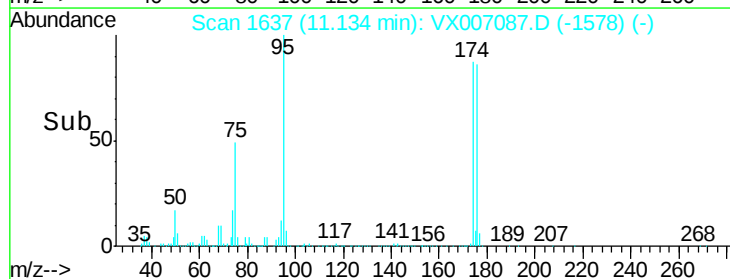
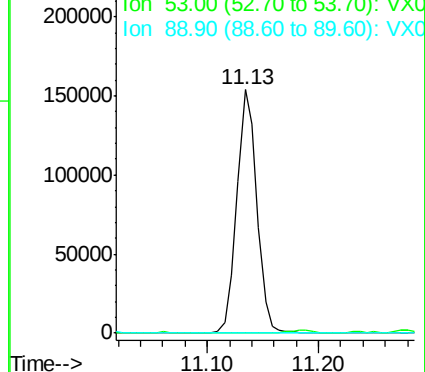
89 0.0 38.0 57.0#

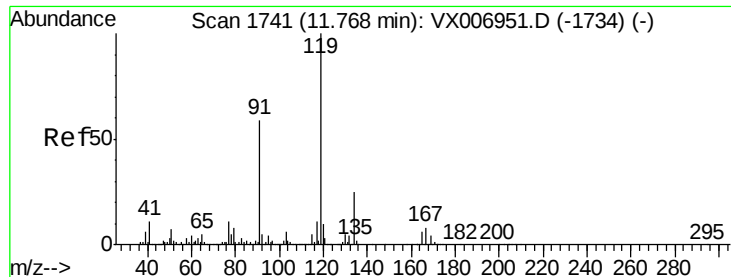


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#83

tert-Butylbenzene

Concen: 1.129 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190114

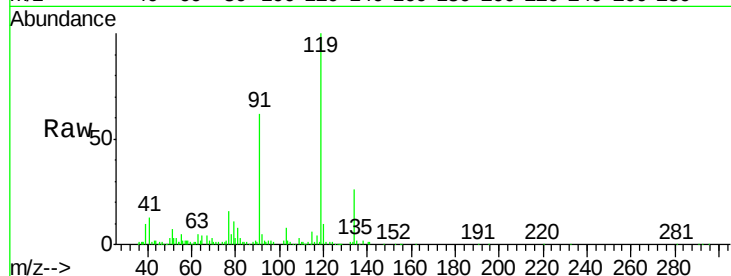
Tot Ion:119 Resp: 28710

Ion Ratio Lower Upper

119 100

91 61.6 27.7 83.1

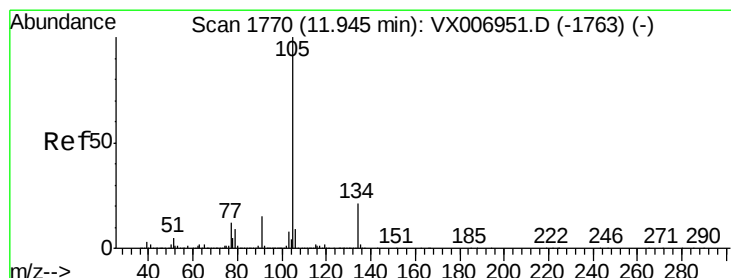
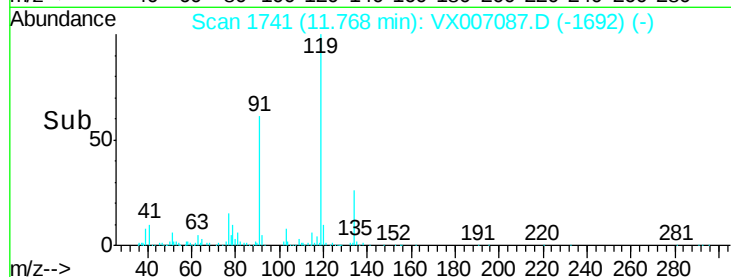
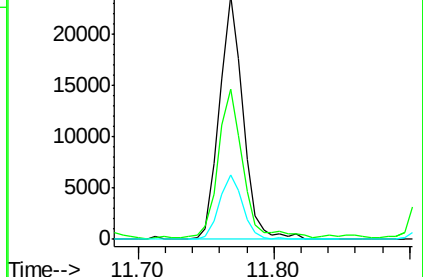
134 26.0 11.9 35.5



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: 1.582 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007087.D

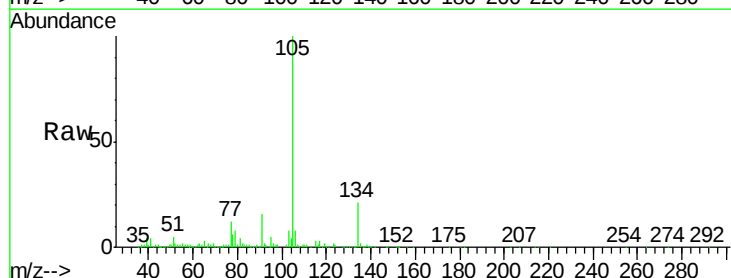
Acq: 17 Jan 2019 14:29

Tgt Ion:105 Resp: 48055

Ion Ratio Lower Upper

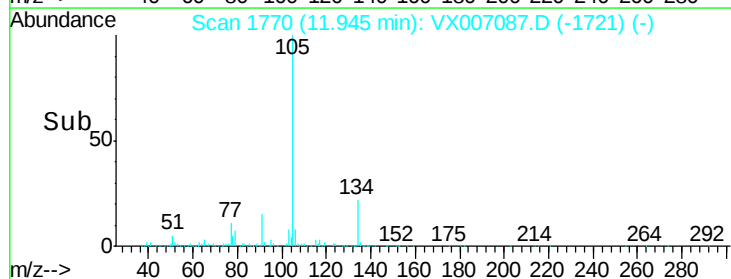
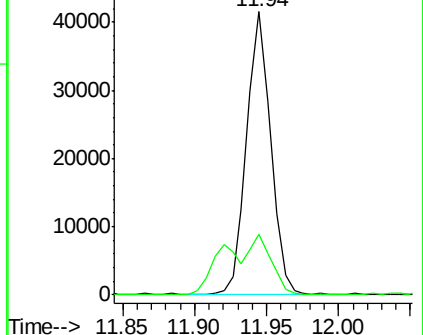
105 100

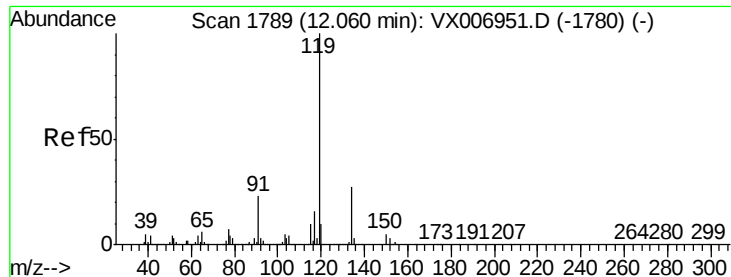
134 19.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

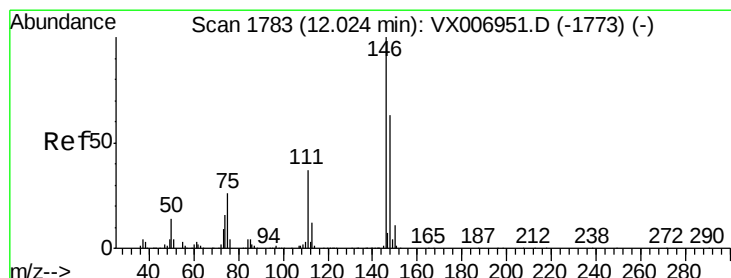
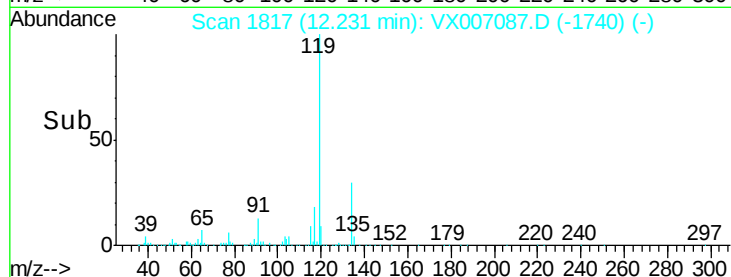
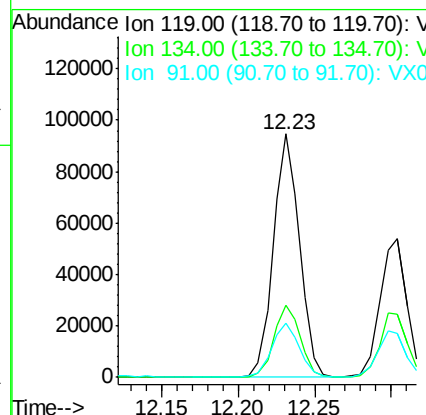
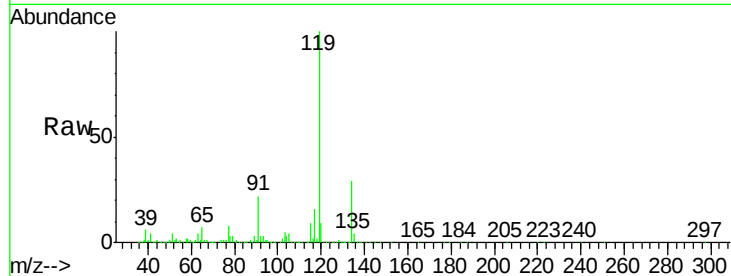




#86
 p-Isopropyltoluene
 Concen: 4.156 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX007087.D
 Acq: 17 Jan 2019 14:29

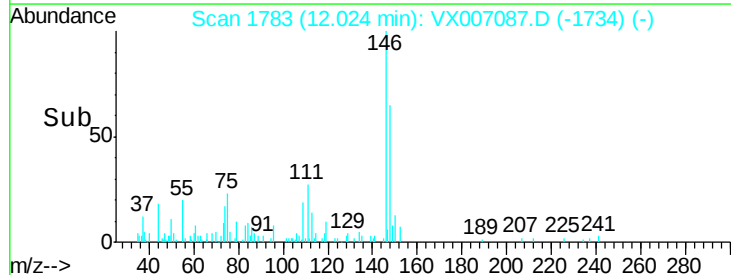
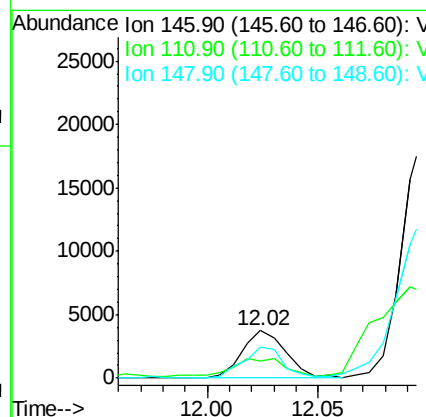
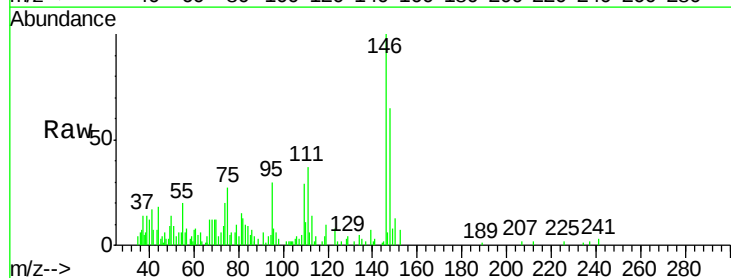
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW266-190114

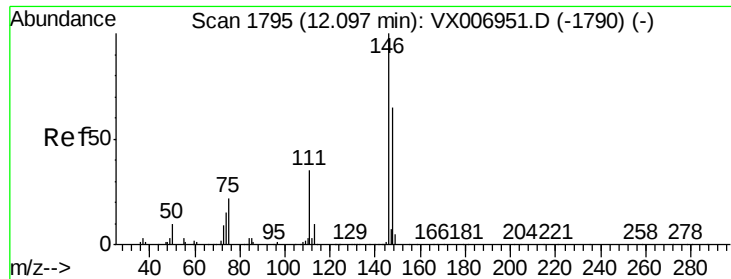
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.7	14.0	41.9
91	23.0	11.3	33.9



#87
 1,3-Dichlorobenzene
 Concen: 0.339 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007087.D
 Acq: 17 Jan 2019 14:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.4	18.6	55.8
148	62.1	31.8	95.3





#88

1,4-Dichlorobenzene

Concen: 0.502 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

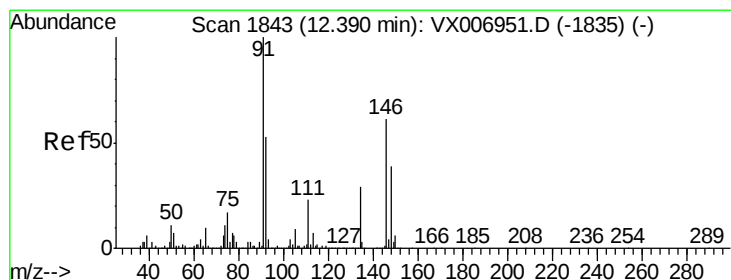
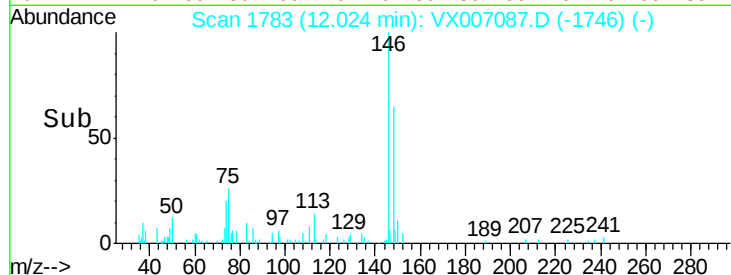
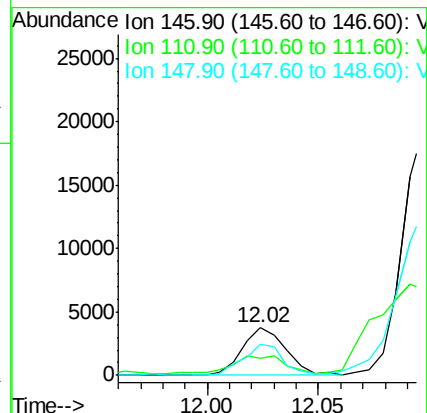
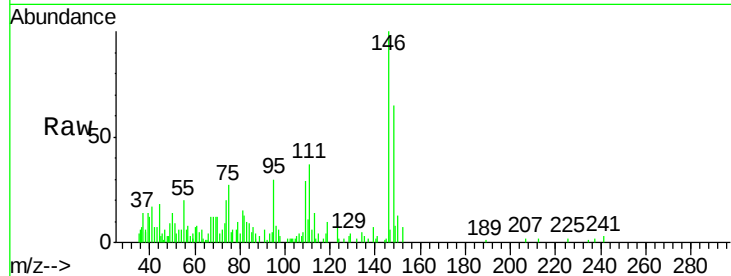
Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190114

Tot Ion:	146	Resp:	5149
Ion	Ratio	Lower	Upper
146	100		
111	49.1	18.1	54.1
148	62.1	31.9	95.9



#89

n-Butylbenzene

Concen: 0.626 ug/l

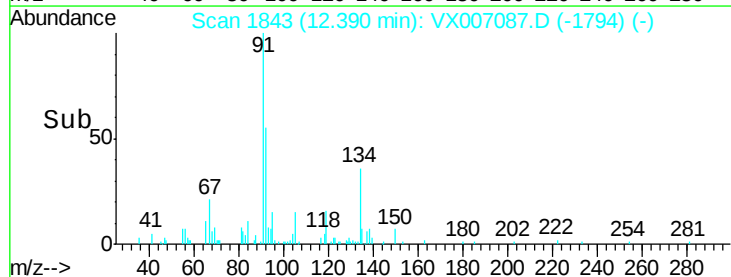
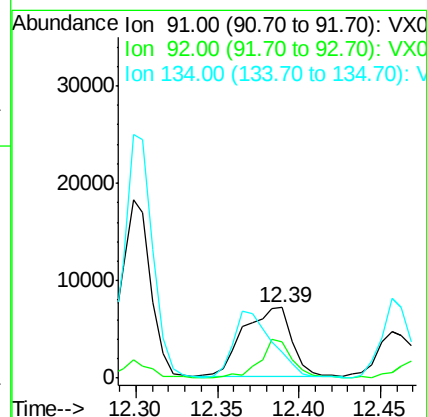
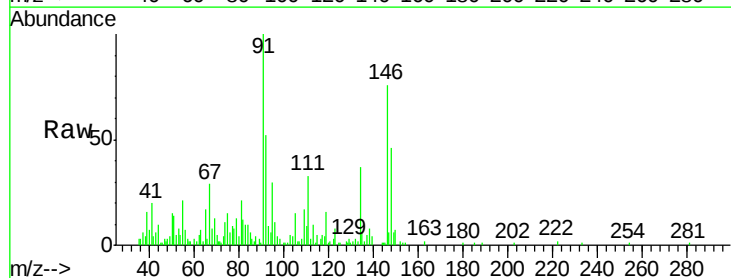
RT: 12.39 min Scan# 1843

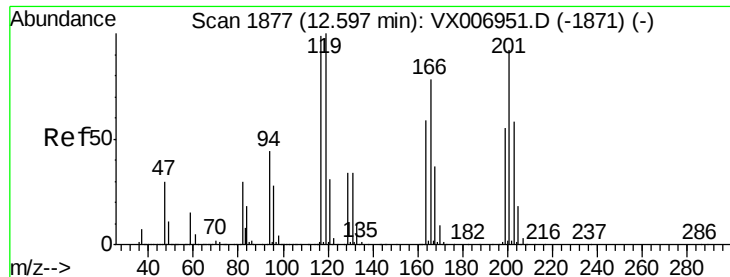
Delta R.T. 0.00 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Tgt Ion:	91	Resp:	14508
Ion	Ratio	Lower	Upper
91	100		
92	38.4	26.8	80.4
134	0.0	14.4	43.2#





#90

Hexachloroethane

Concen: 4.684 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

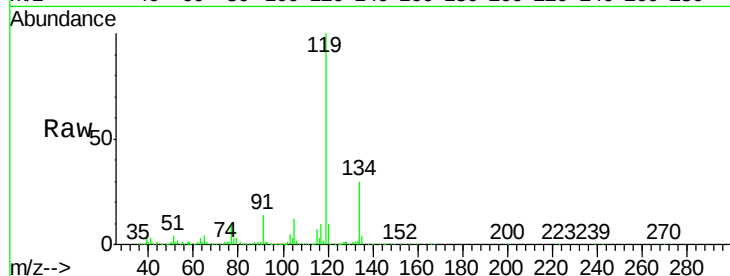
SS037MW266-190114

Tot Ion:117 Resp: 8181

Ion Ratio Lower Upper

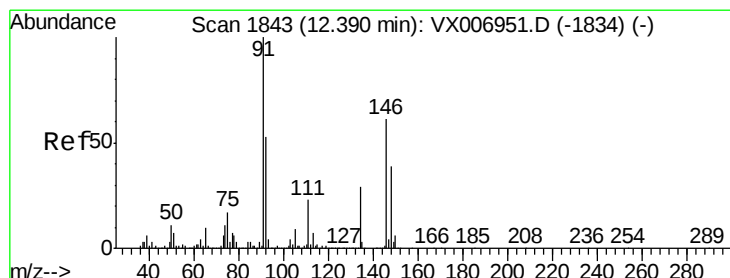
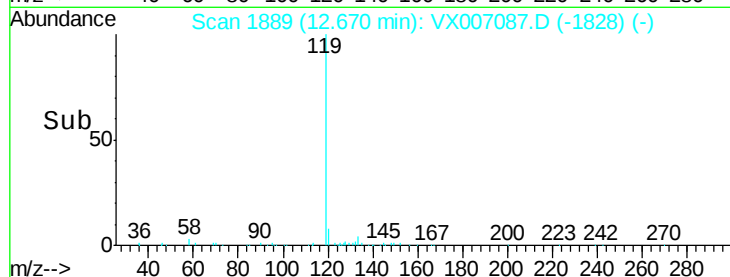
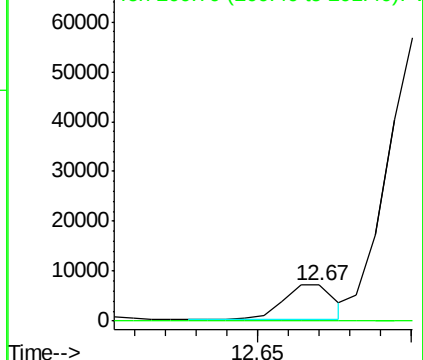
117 100

201 0.5 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: 0.440 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

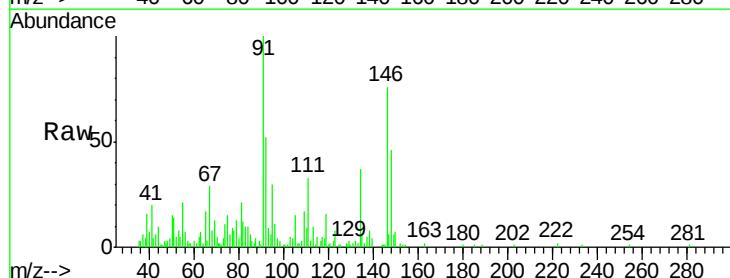
Tgt Ion:146 Resp: 6602

Ion Ratio Lower Upper

146 100

111 40.8 19.4 58.2

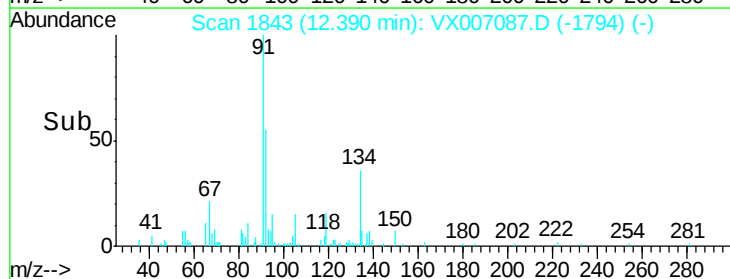
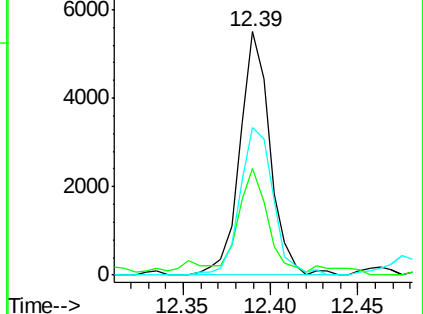
148 66.8 32.3 96.9

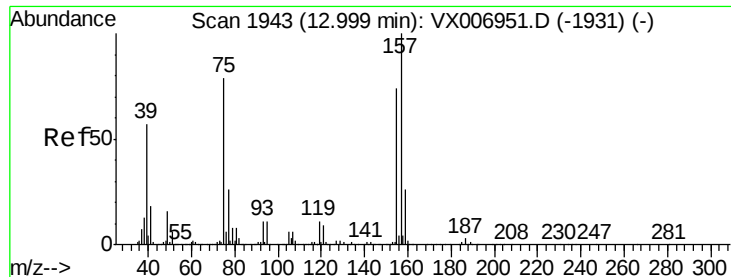


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.340 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Instrument :

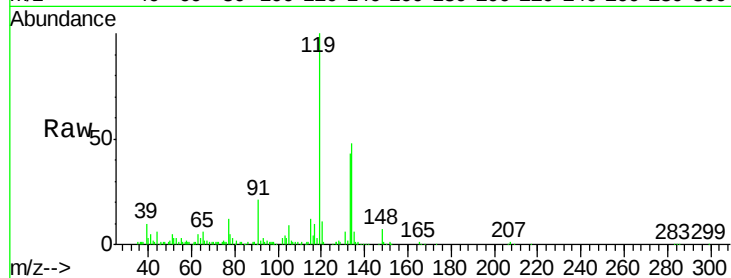
MSVOA_X

ClientSampleId :

SS037MW266-190114

Tot Ion: 75 Resp: 651

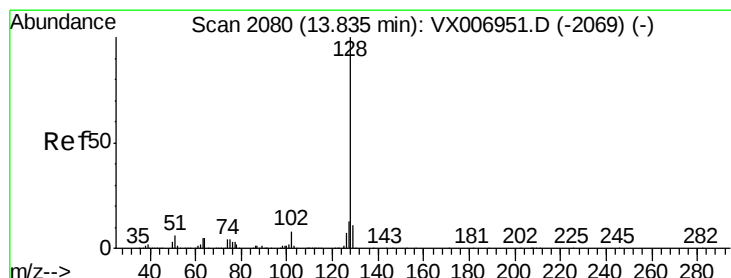
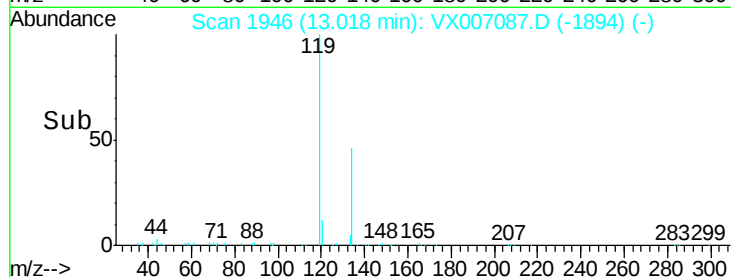
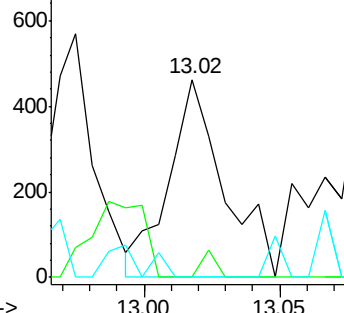
Ion	Ratio	Lower	Upper
75	100		
155	3.5	50.6	151.8#
157	0.0	64.6	193.8#



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: 0.314 ug/l

RT: 13.83 min Scan# 2080

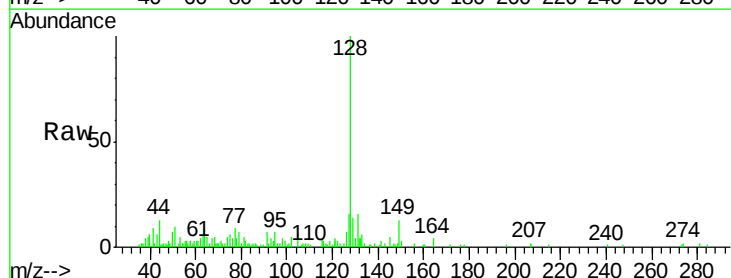
Delta R.T. 0.00 min

Lab File: VX007087.D

Acq: 17 Jan 2019 14:29

Tgt Ion: 128 Resp: 9783

Ion	Ratio	Lower	Upper
128	100		
127	20.7	10.1	15.1#
129	0.0	8.6	13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

