

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010723.D
 Acq On : 09 Jul 2019 02:43
 Operator : JC/SP
 Sample : K3690-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW004-190703

Quant Time: Jul 09 07:24:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341624	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108965	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	5.50	113	103578	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
50) Toluene-d8	8.71	98	416723	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
62) 4-Bromofluorobenzene	11.13	95	147605	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	1102	0.622	ug/l 94
6) Chloroethane	1.73	64	335	0.293	ug/l # 55
11) Tert butyl alcohol	3.04	59	3011	5.610	ug/l # 89
13) Acrolein	2.29	56	155	0.435	ug/l # 14
16) Acetone	2.44	43	4314	4.197	ug/l 97
18) Methyl Acetate	2.85	43	15224	7.431	ug/l # 48
20) Methylene Chloride	2.85	84	461	0.218	ug/l # 25
25) 2-Butanone	4.66	43	373	0.247	ug/l # 46
31) Cyclohexane	5.58	56	2636	0.890	ug/l 95
36) 1,1-Dichloropropene	5.66	75	14136	5.207	ug/l # 48
38) Carbon Tetrachloride	5.67	117	20237	6.884	ug/l # 14
39) Methylcyclohexane	7.45	83	19884	5.572	ug/l # 37
40) Benzene	6.14	78	1929	0.228	ug/l 93
43) Isopropyl Acetate	6.35	43	40282	8.718	ug/l # 57
47) Bromodichloromethane	7.85	83	2358	0.840	ug/l # 30
48) Methyl methacrylate	7.85	41	13268	6.178	ug/l 90
49) 1,4-Dioxane	7.75	88	57	0.921	ug/l # 1
52) Toluene	8.79	92	1473	0.264	ug/l 88
55) 1,1,2-Trichloroethane	9.16	97	19812	8.625	ug/l # 20
56) Ethyl methacrylate	9.16	69	4057	1.166	ug/l # 1
59) 2-Hexanone	9.30	43	1684	0.724	ug/l 99
65) Chlorobenzene	10.13	112	187303	29.135	ug/l 100
73) Isopropylbenzene	11.02	105	30233	2.805	ug/l 97
75) 1,1,2,2-Tetrachloroethane	11.27	83	7296	2.044	ug/l # 39
76) 1,2,3-Trichloropropane	11.13	75	70245	24.247	ug/l # 33
78) n-propylbenzene	11.36	91	5710	0.482	ug/l 97
80) 1,3,5-Trimethylbenzene	11.67	105	1852	0.208	ug/l 80
81) trans-1,4-Dichloro-2-buten	11.13	75	70245	56.566	ug/l # 16
82) 4-Chlorotoluene	11.36	91	5710	0.711	ug/l # 49
83) tert-Butylbenzene	11.77	119	76294	8.556	ug/l 91
84) 1,2,4-Trimethylbenzene	11.94	105	238788	26.752	ug/l # 30
85) sec-Butylbenzene	11.94	105	238788	22.807	ug/l # 55
86) p-Isopropyltoluene	12.23	119	287013	29.637	ug/l 97
87) 1,3-Dichlorobenzene	12.02	146	3396	0.647	ug/l # 75

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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

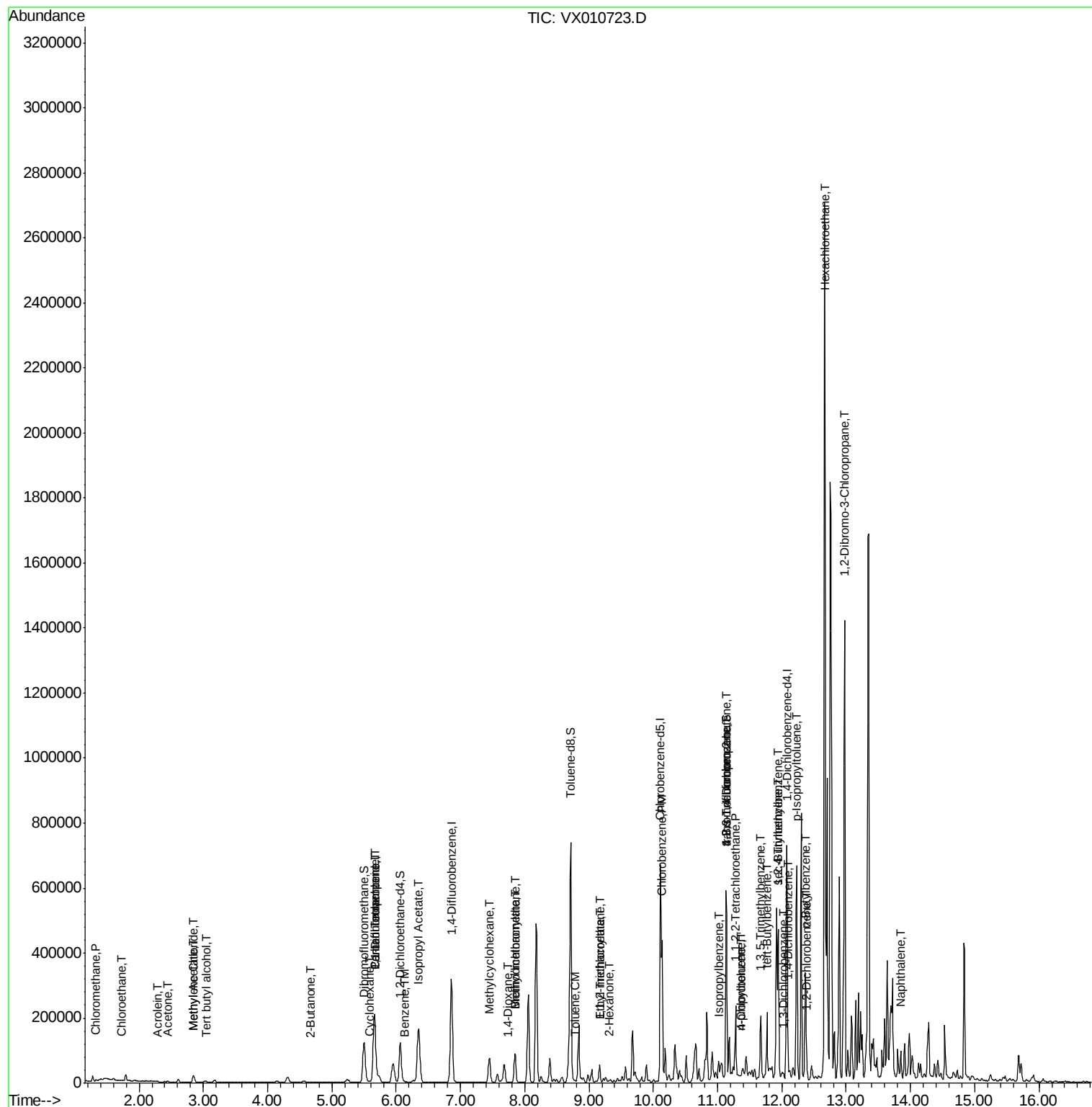
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.10	146	9302	1.739	ug/l #	82
89) n-Butylbenzene	12.37	91	17315	2.104	ug/l #	9
90) Hexachloroethane	12.67	117	120750	72.109	ug/l #	5
91) 1,2-Dichlorobenzene	12.39	146	2639	0.505	ug/l #	78
92) 1,2-Dibromo-3-Chloropropan	12.97	75	4843	6.294	ug/l #	1
95) Naphthalene	13.85	128	2707	0.243	ug/l #	8

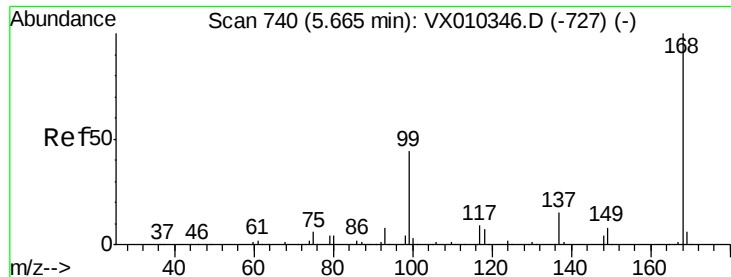
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010723.D

Acq: 09 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

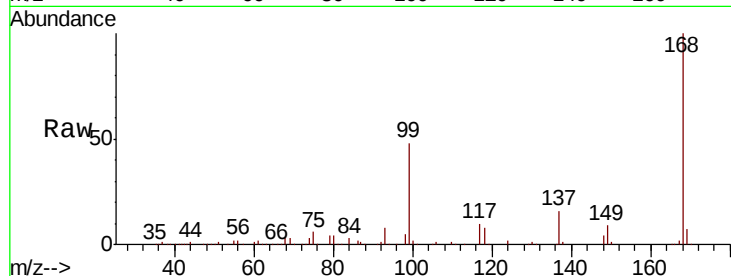
SS038MW004-190703

Tot Ion:168 Resp: 218767

Ion Ratio Lower Upper

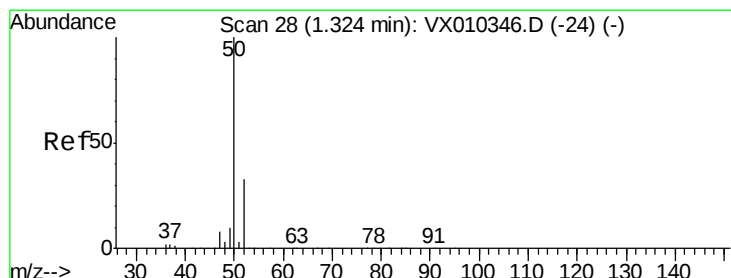
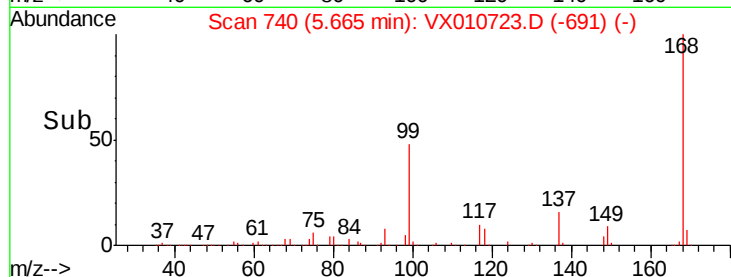
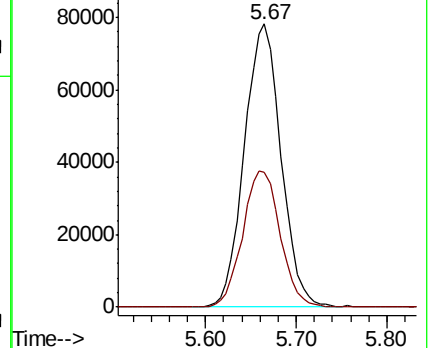
168 100

99 47.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.622 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010723.D

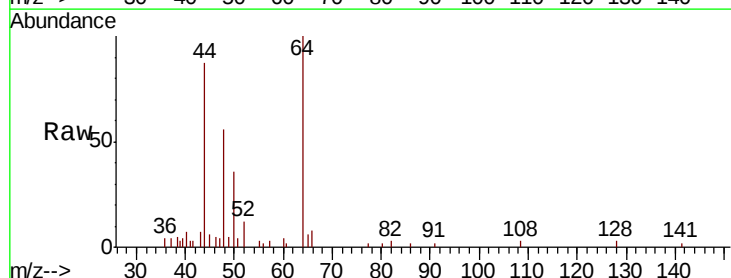
Acq: 09 Jul 2019 02:43

Tgt Ion: 50 Resp: 1102

Ion Ratio Lower Upper

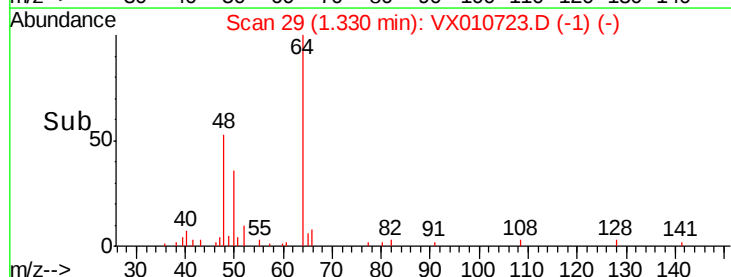
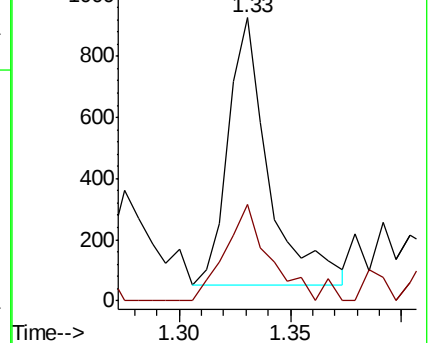
50 100

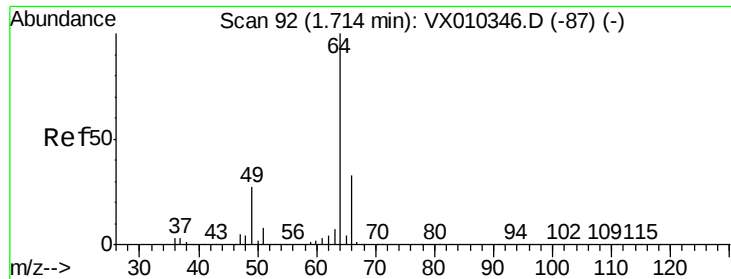
52 36.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: 0.293 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

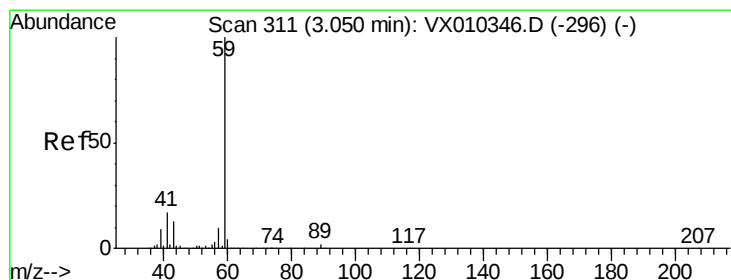
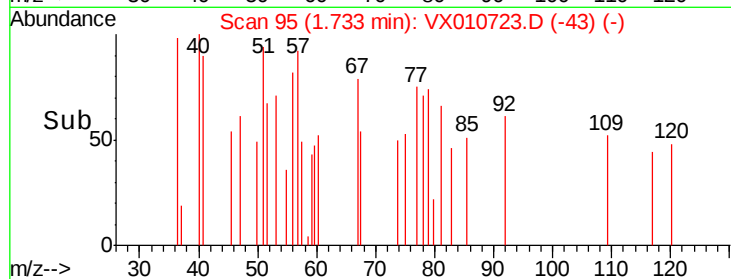
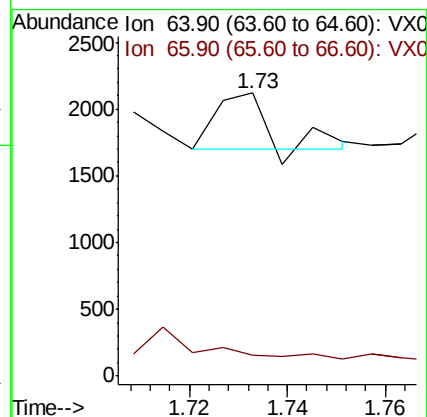
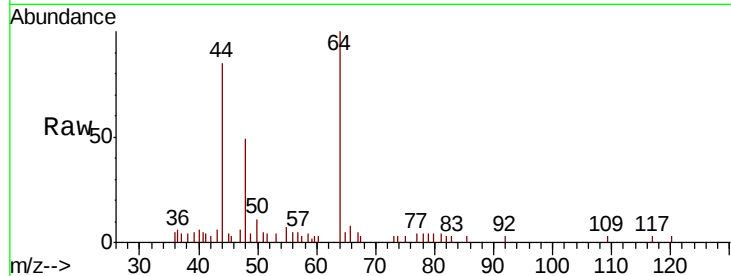
SS038MW004-190703

Tot Ion: 64 Resp: 335

Ion Ratio Lower Upper

64 100

66 8.0 26.6 40.0#



#11

Tert butyl alcohol

Concen: 5.610 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010723.D

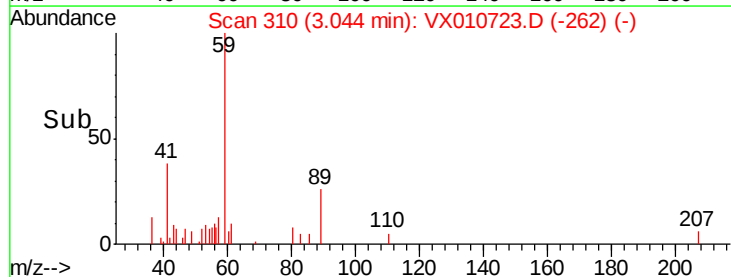
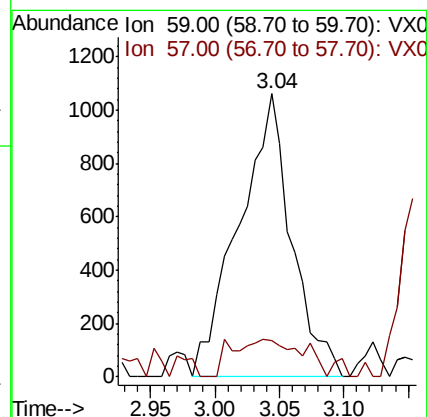
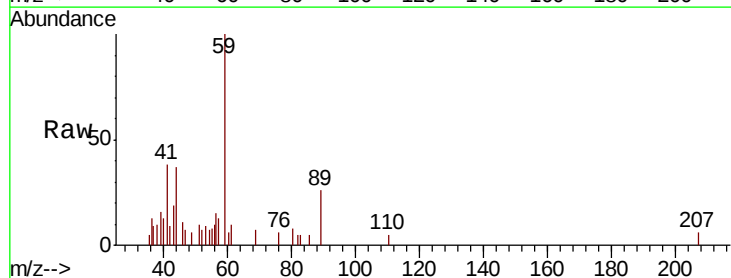
Acq: 09 Jul 2019 02:43

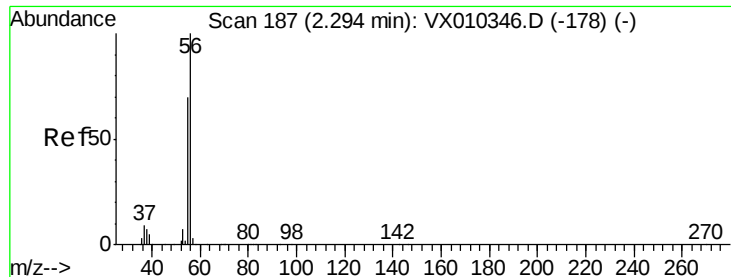
Tgt Ion: 59 Resp: 3011

Ion Ratio Lower Upper

59 100

57 13.6 7.7 11.5#





#13

Acrolein

Concen: 0.435 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

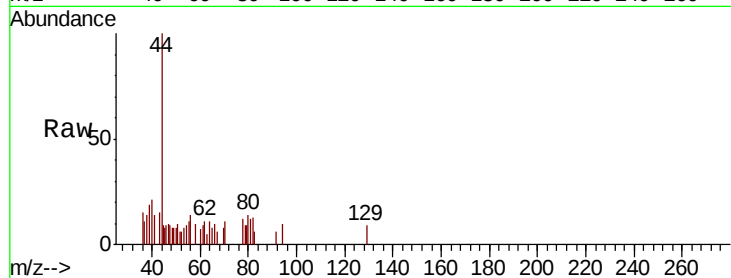
SS038MW004-190703

Tot Ion: 56 Resp: 155

Ion Ratio Lower Upper

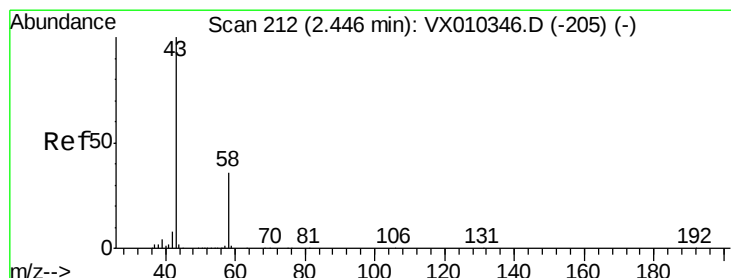
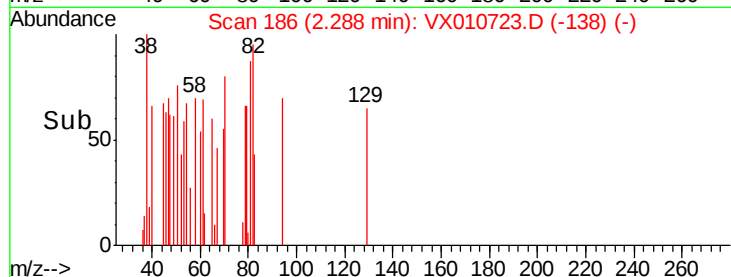
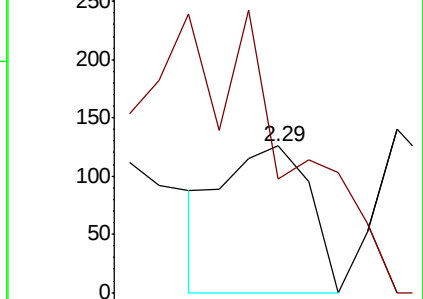
56 100

55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 4.197 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010723.D

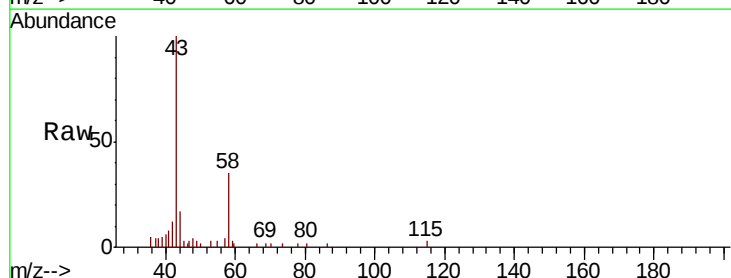
Acq: 09 Jul 2019 02:43

Tgt Ion: 43 Resp: 4314

Ion Ratio Lower Upper

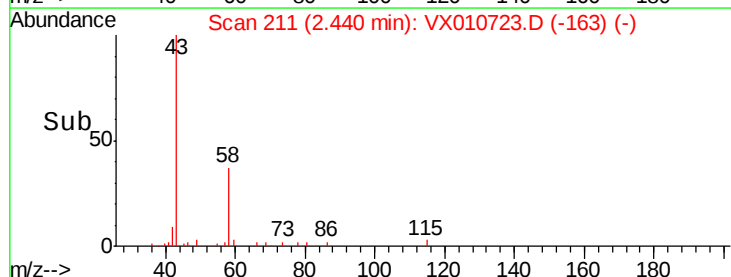
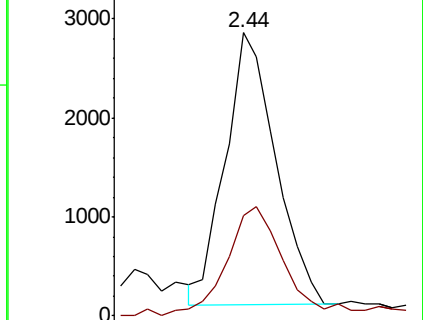
43 100

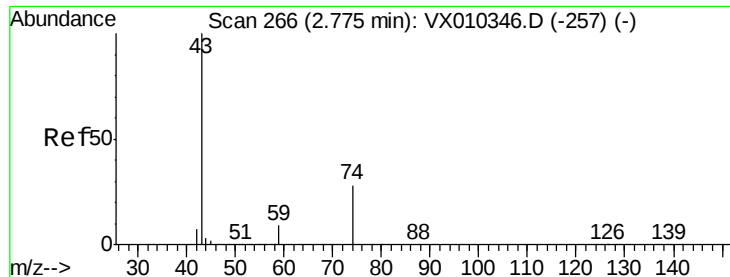
58 34.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

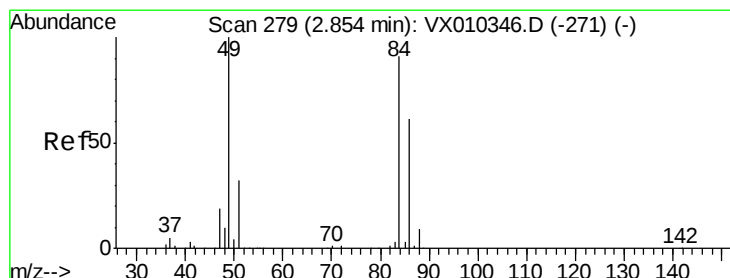
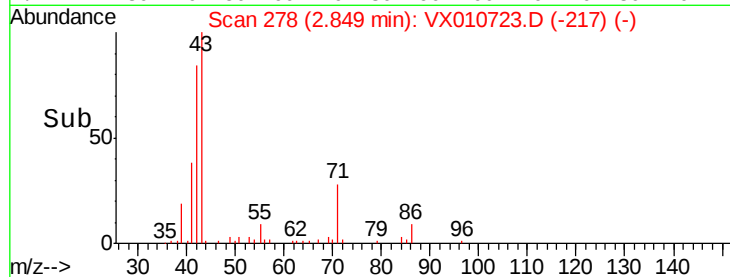
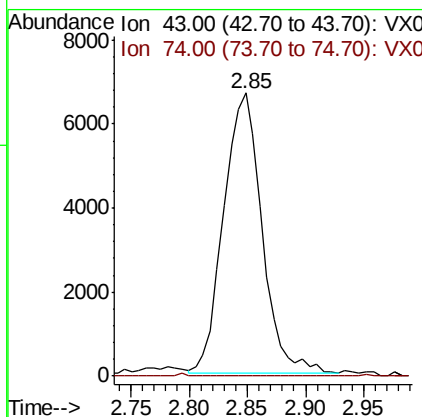
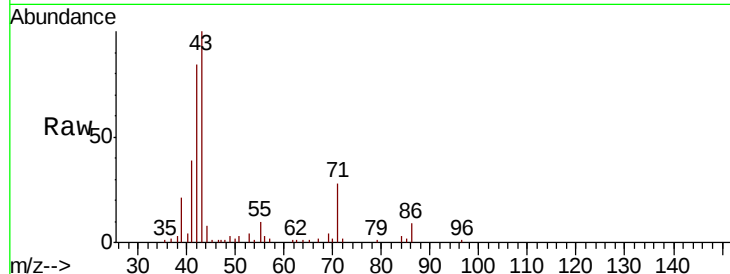




#18
Methvl Acetate
Concen: 7.431 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX010723.D
Acq: 09 Jul 2019 02:43

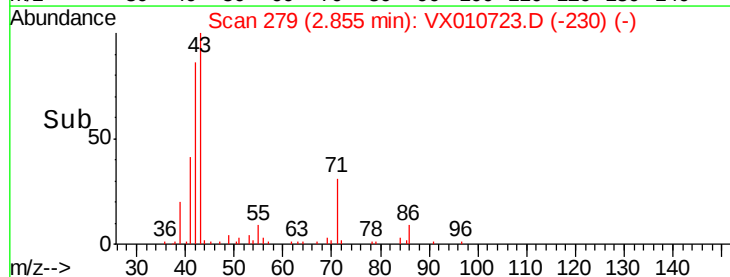
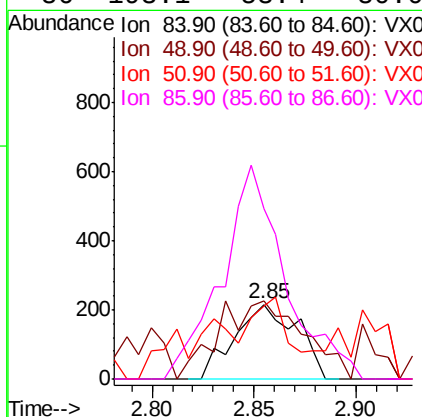
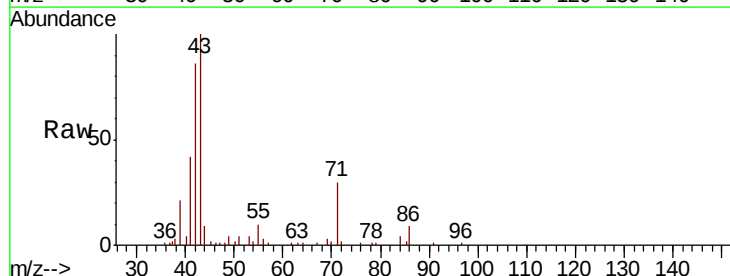
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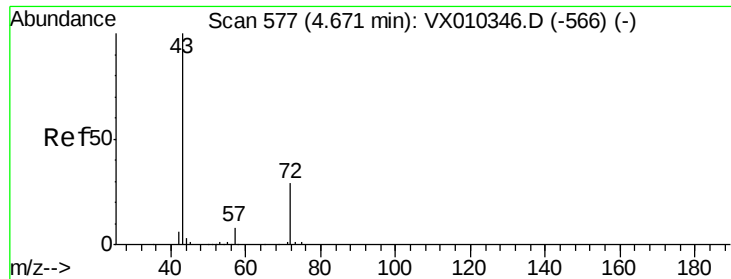
Tot Ion: 43 Resp: 15224
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#



#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010723.D
Acq: 09 Jul 2019 02:43

Tgt Ion: 84 Resp: 461
Ion Ratio Lower Upper
84 100
49 80.1 87.5 131.3#
51 70.4 27.7 41.5#
86 193.1 53.4 80.0#





#25

2-Butanone

Concen: 0.247 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

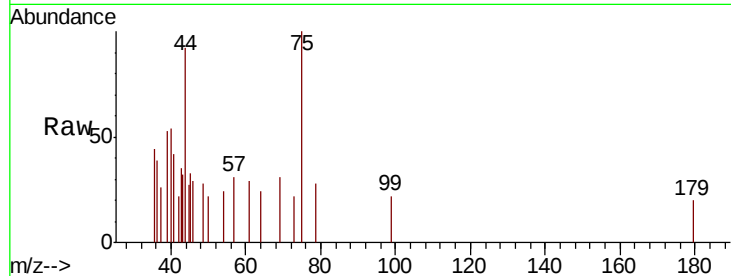
SS038MW004-190703

Tot Ion: 43 Resp: 373

Ion Ratio Lower Upper

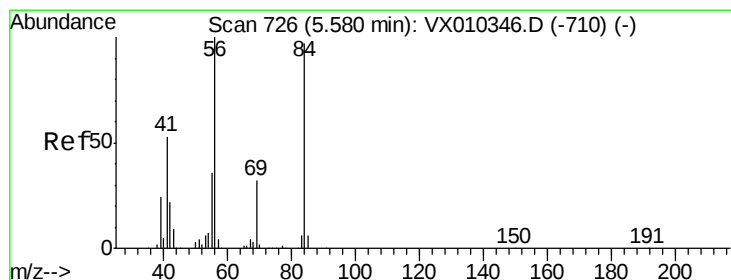
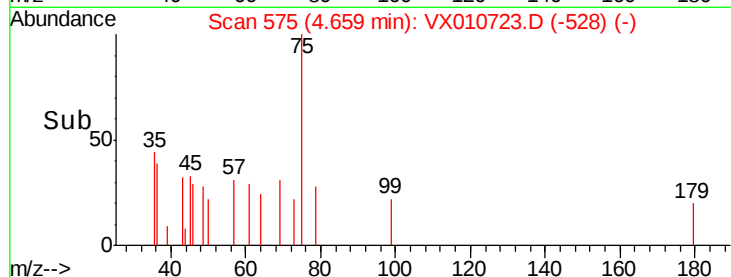
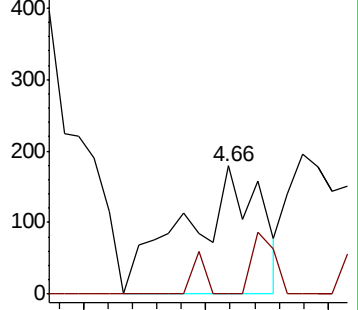
43 100

72 0.0 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 0.890 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

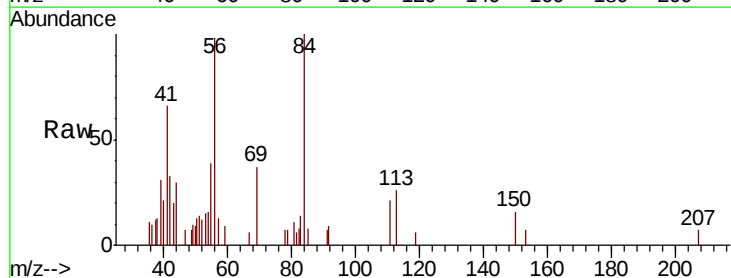
Tgt Ion: 56 Resp: 2636

Ion Ratio Lower Upper

56 100

69 37.5 25.9 38.9

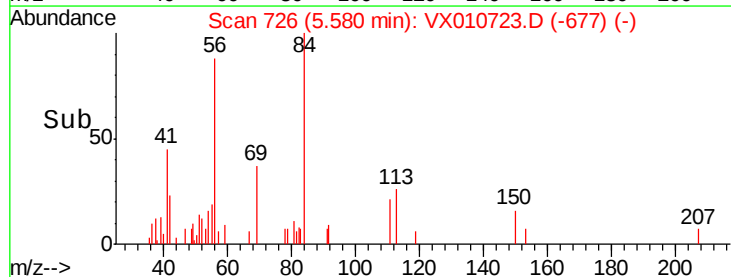
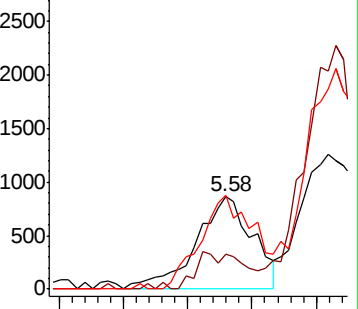
84 101.6 78.0 117.0

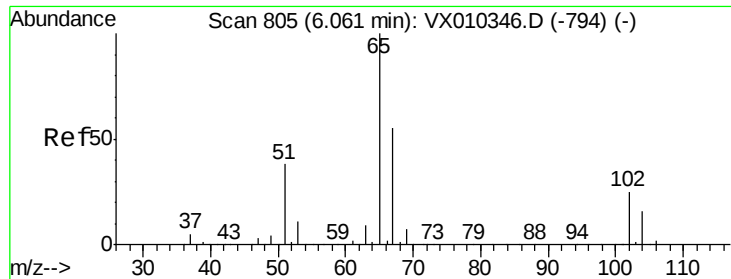


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

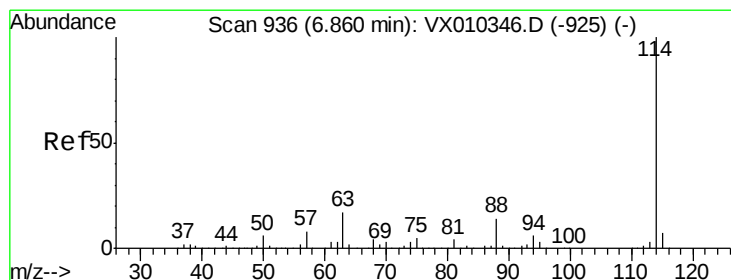
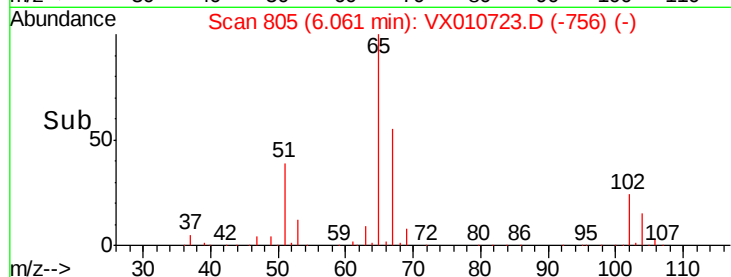
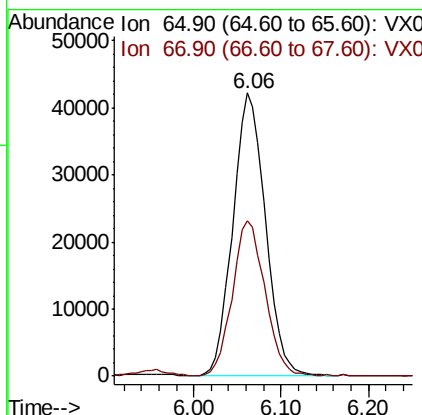
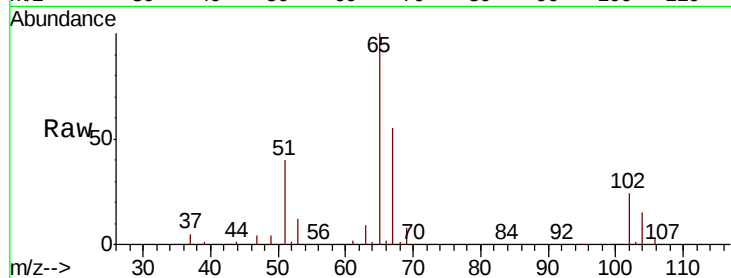




#33
 1,2-Dichloroethane-d4
 Concen: 53.124 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010723.D
 Acq: 09 Jul 2019 02:43

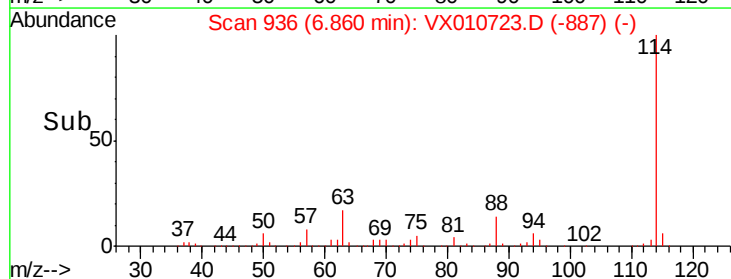
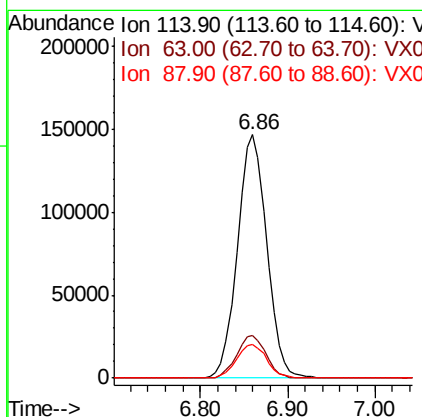
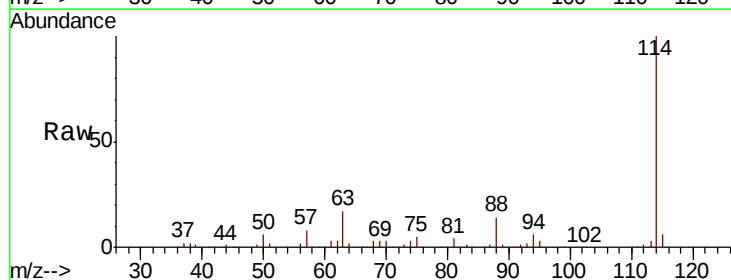
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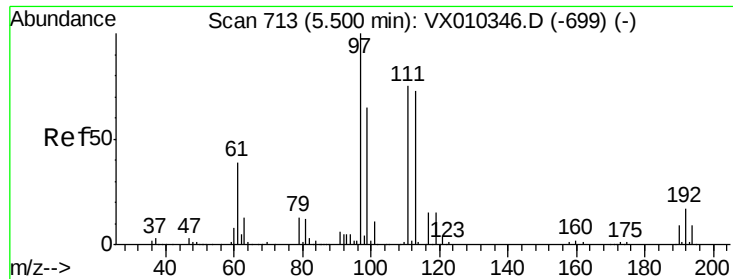
Tot Ion: 65 Resp: 108965
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010723.D
 Acq: 09 Jul 2019 02:43

Tgt Ion: 114 Resp: 341624
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.8
 88 13.8 0.0 27.6

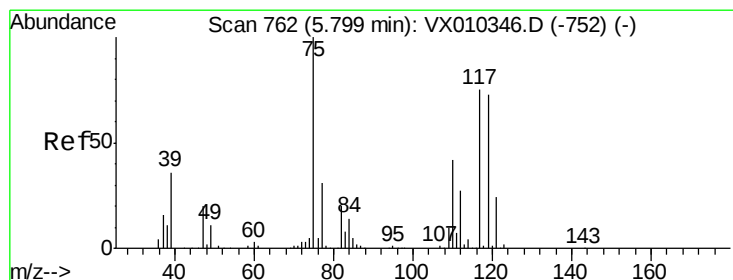
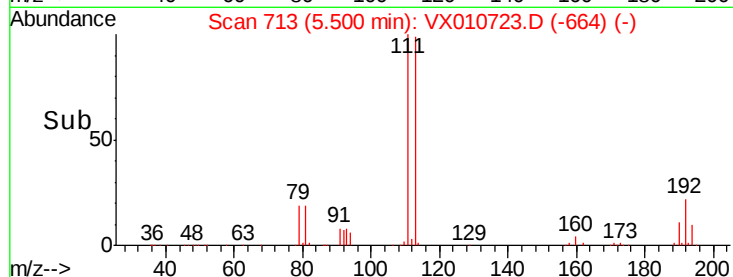
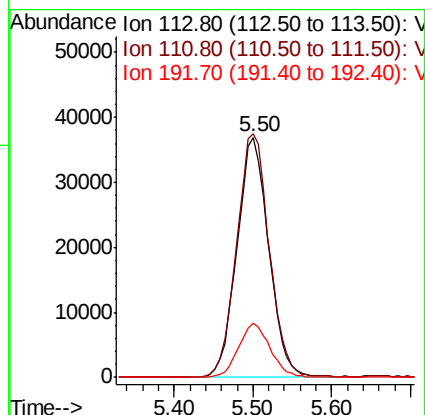
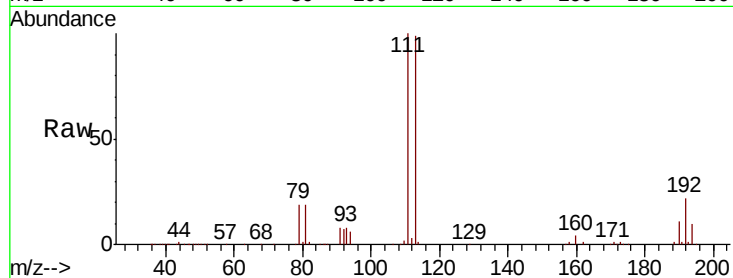




#35
 Dibromofluoromethane
 Concen: 49.555 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010723.D
 Acq: 09 Jul 2019 02:43

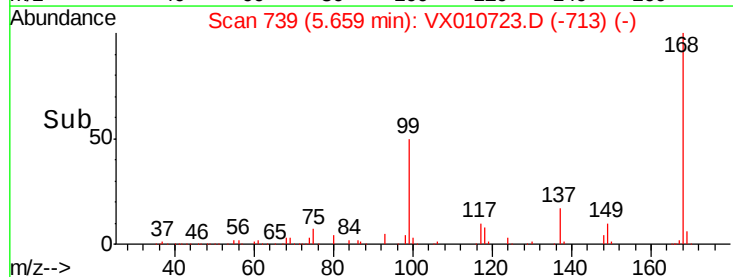
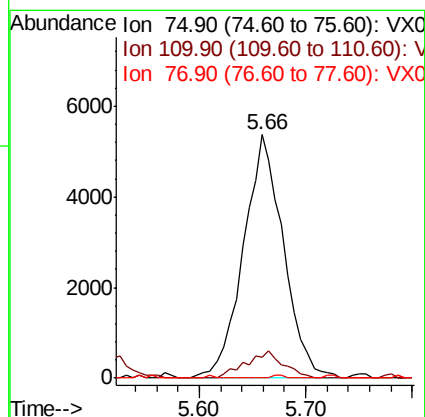
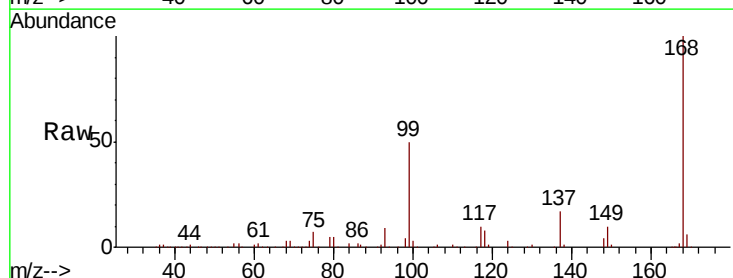
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW004-190703

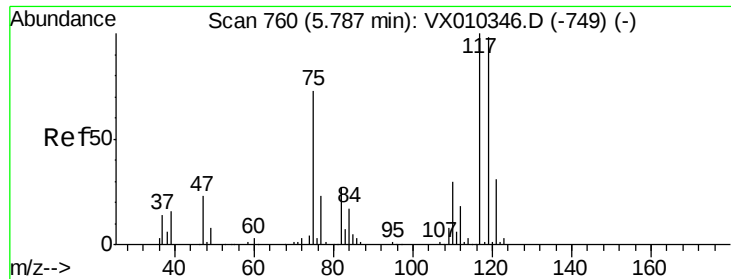
Tot Ion:113 Resp: 103578
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.2 121.8
 192 22.2 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.207 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010723.D
 Acq: 09 Jul 2019 02:43

Tgt Ion: 75 Resp: 14136
 Ion Ratio Lower Upper
 75 100
 110 10.5 20.8 62.2#
 77 0.4 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.884 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190703

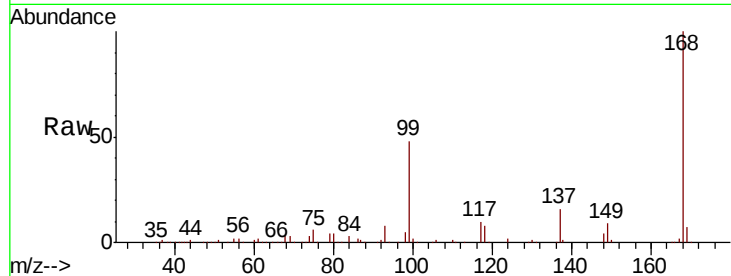
Tot Ion:117 Resp: 20237

Ion Ratio Lower Upper

117 100

119 3.8 78.2 117.4#

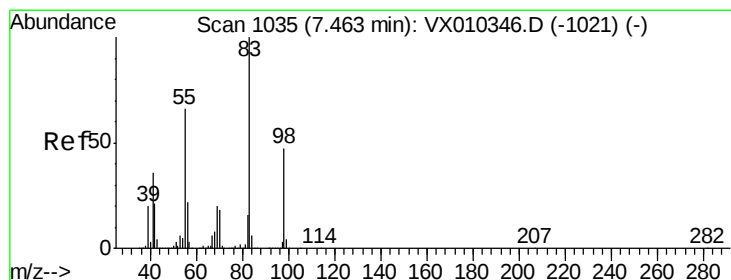
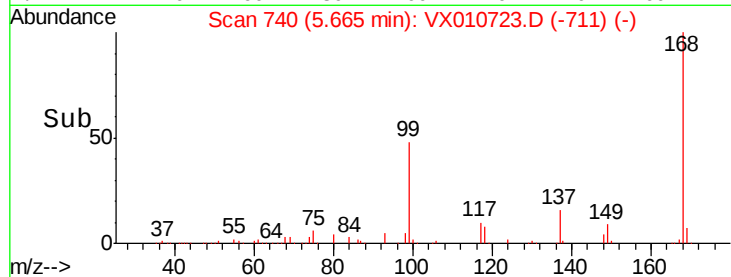
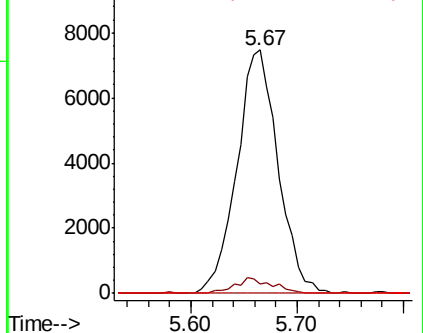
121 0.0 24.7 37.1#



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: 5.572 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

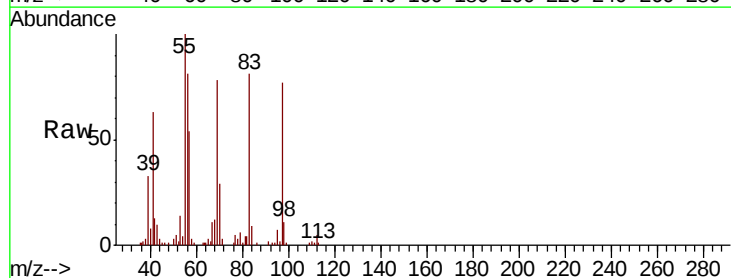
Tgt Ion: 83 Resp: 19884

Ion Ratio Lower Upper

83 100

55 123.3 53.0 79.6#

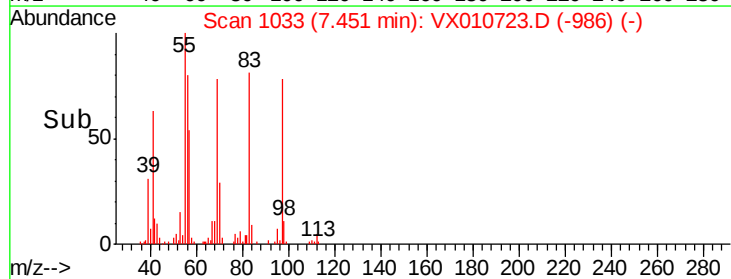
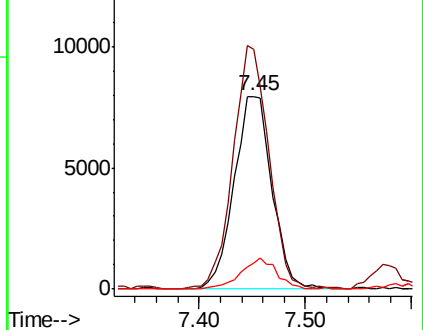
98 13.8 37.8 56.8#

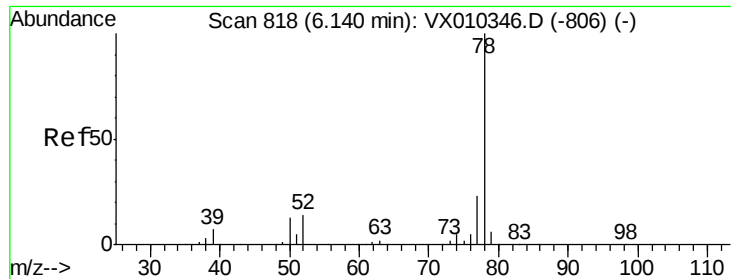


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.228 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

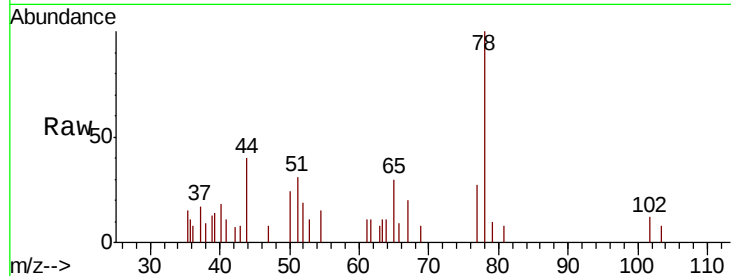
SS038MW004-190703

Tot Ion: 78 Resp: 1929

Ion Ratio Lower Upper

78 100

77 26.9 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

800

600

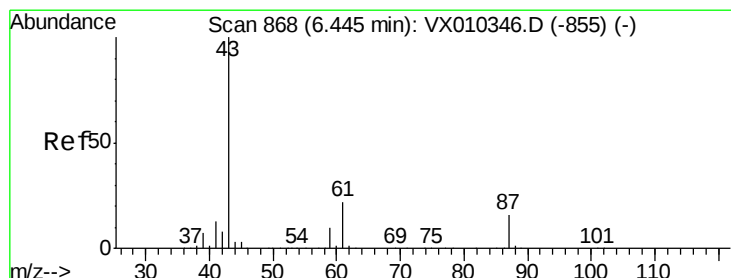
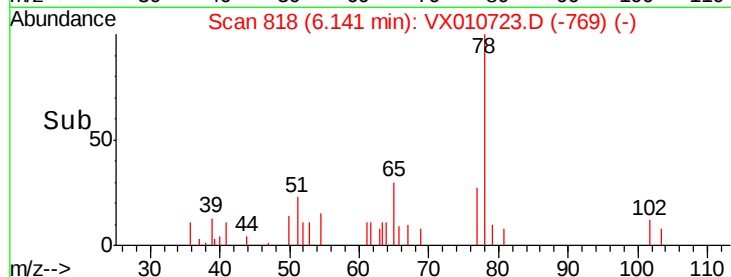
400

200

0

6.05 6.10 6.15 6.20

Time-->



#43

Isopropyl Acetate

Concen: 8.718 ug/l

RT: 6.35 min Scan# 853

Delta R.T. -0.09 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

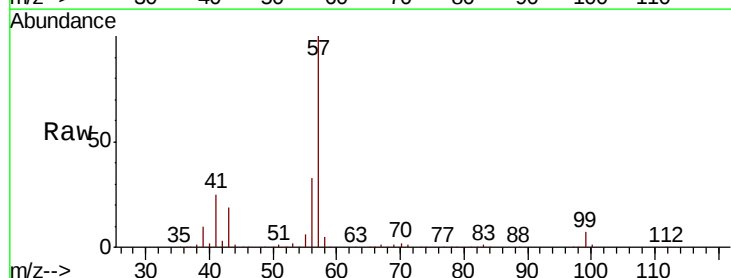
Tgt Ion: 43 Resp: 40282

Ion Ratio Lower Upper

43 100

61 0.2 17.8 26.6#

87 0.0 13.0 19.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

15000

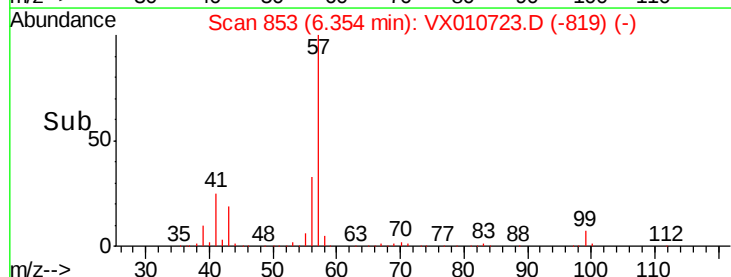
10000

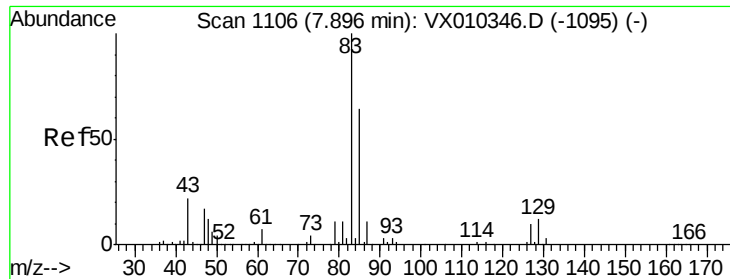
5000

0

6.20 6.30 6.40 6.50

Time-->





#47

Bromodichloromethane

Concen: 0.840 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190703

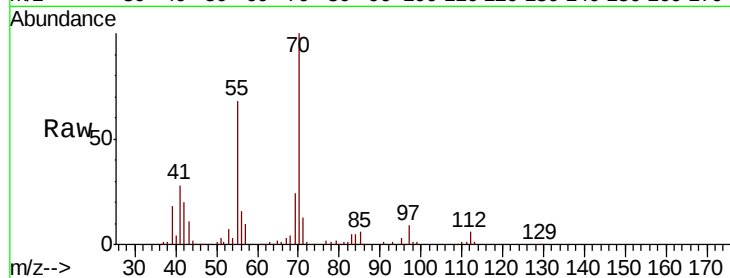
Tot Ion: 83 Resp: 2358

Ion Ratio Lower Upper

83 100

85 124.5 51.5 77.3#

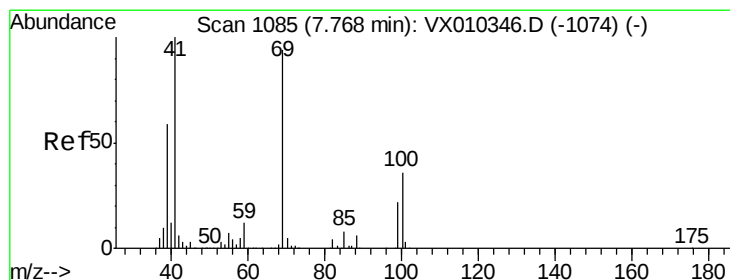
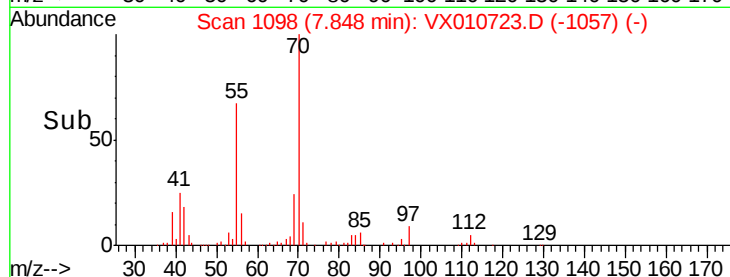
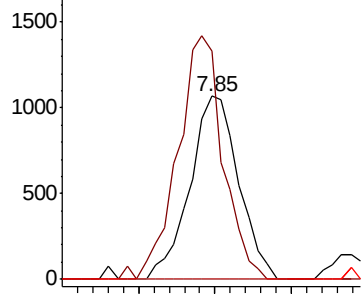
127 0.0 7.8 11.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 6.178 ug/l

RT: 7.85 min Scan# 1099

Delta R.T. 0.09 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

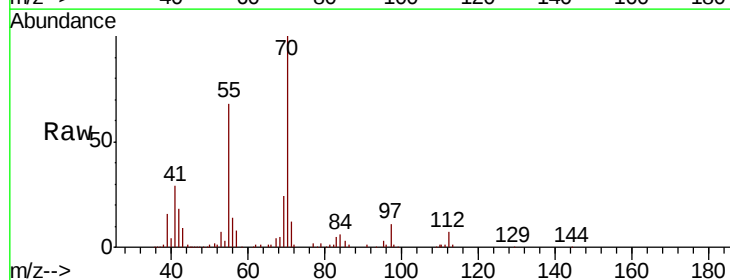
Tgt Ion: 41 Resp: 13268

Ion Ratio Lower Upper

41 100

69 82.7 76.1 114.1

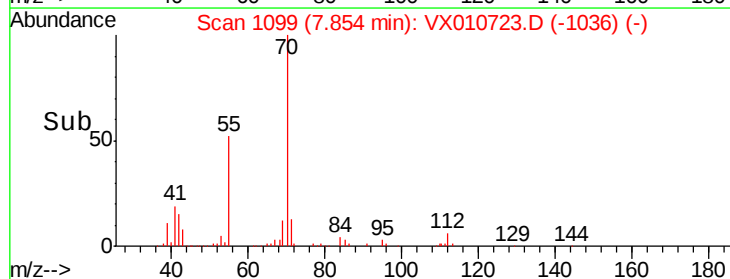
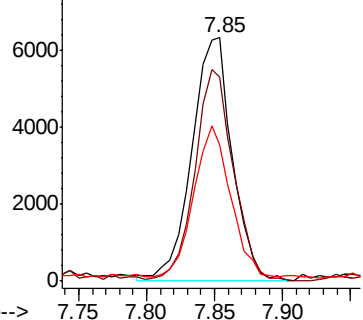
39 55.6 47.6 71.4

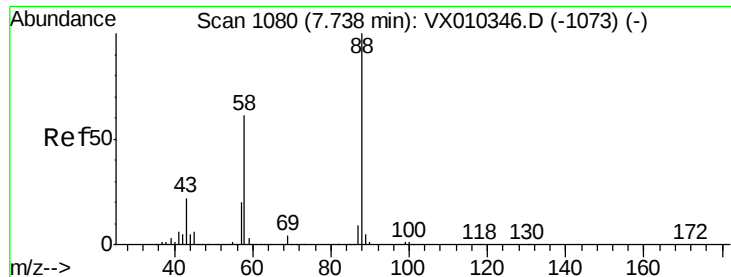


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

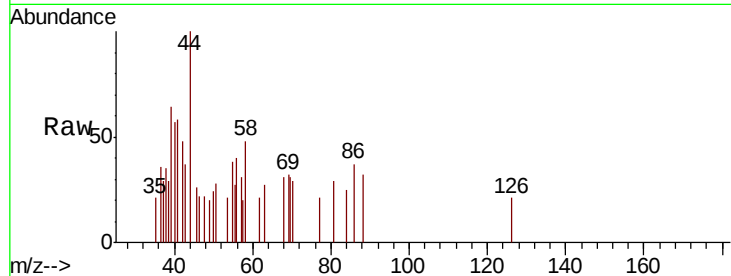




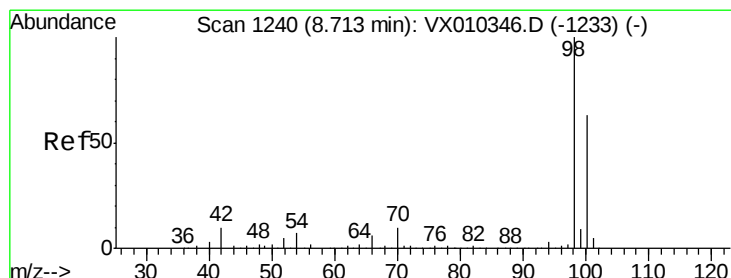
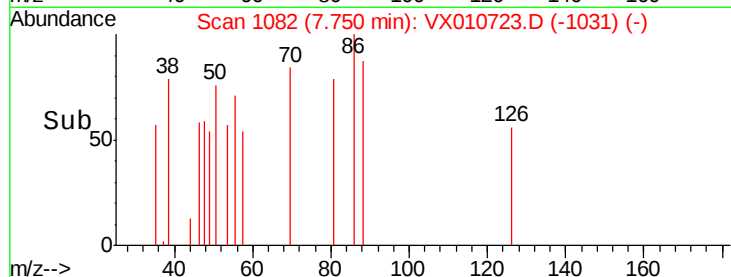
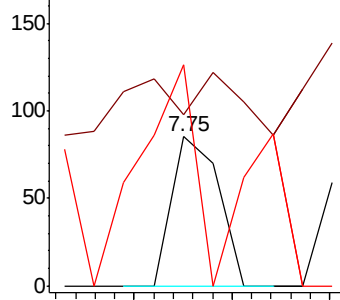
#49
1,4-Dioxane
Concen: 0.921 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX010723.D
Acq: 09 Jul 2019 02:43

Instrument :
MSVOA_X
ClientSampleId :
SS038MW004-190703

Tot Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 173.7 49.5 74.3#

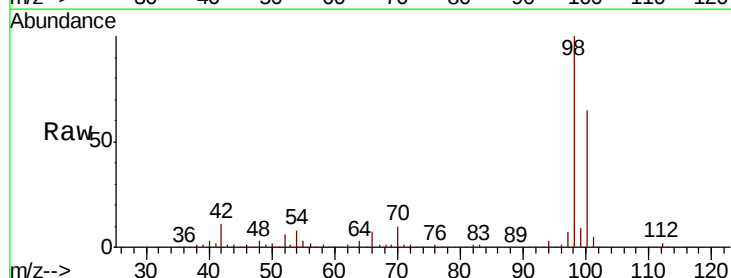


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

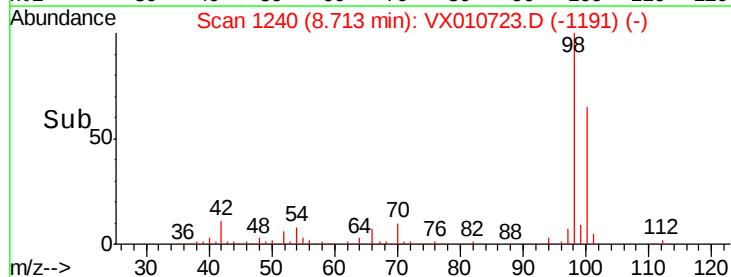
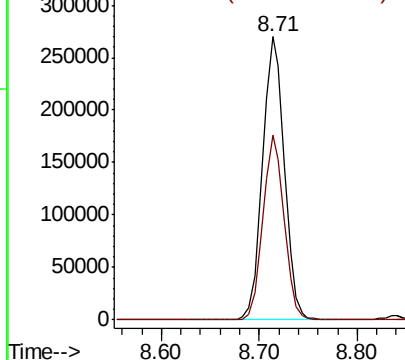


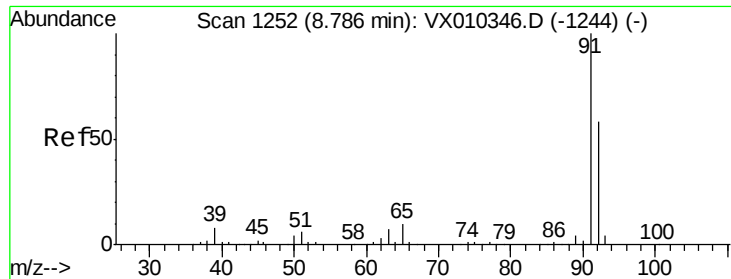
#50
Toluene-d8
Concen: 52.112 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010723.D
Acq: 09 Jul 2019 02:43

Tgt Ion: 98 Resp: 416723
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.264 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

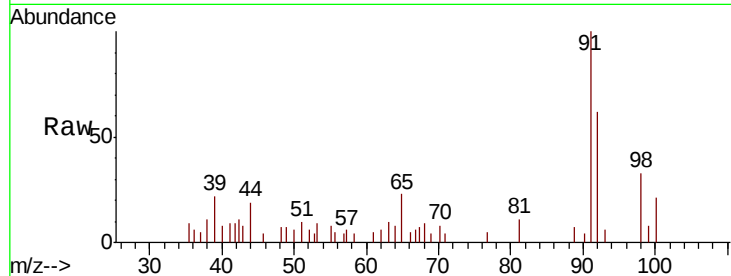
SS038MW004-190703

Tot Ion: 92 Resp: 1473

Ion Ratio Lower Upper

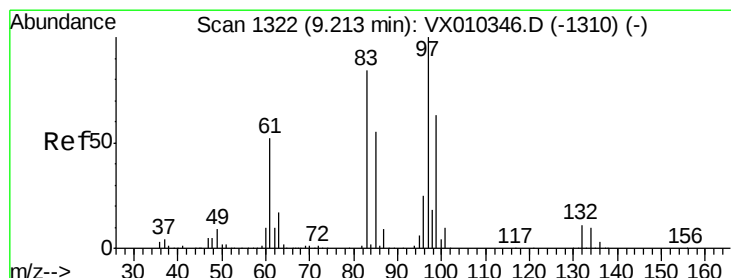
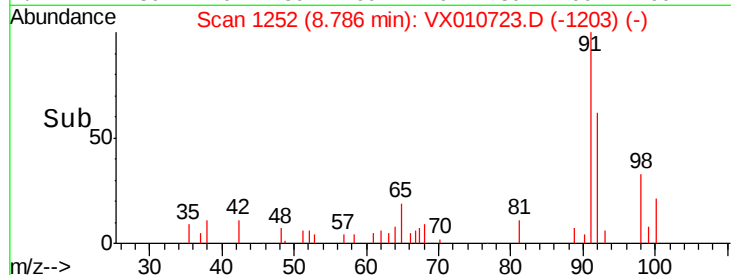
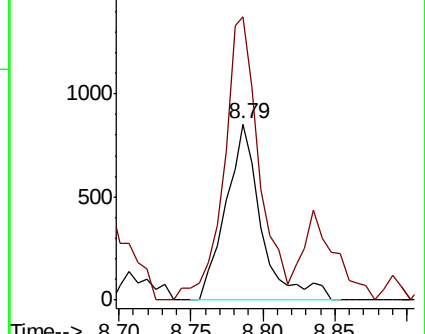
92 100

91 158.2 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 8.625 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

Tgt Ion: 97 Resp: 19812

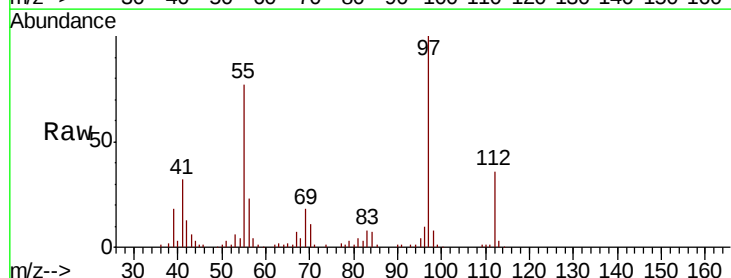
Ion Ratio Lower Upper

97 100

83 8.4 67.4 101.0#

85 0.6 43.8 65.8#

99 0.5 50.3 75.5#

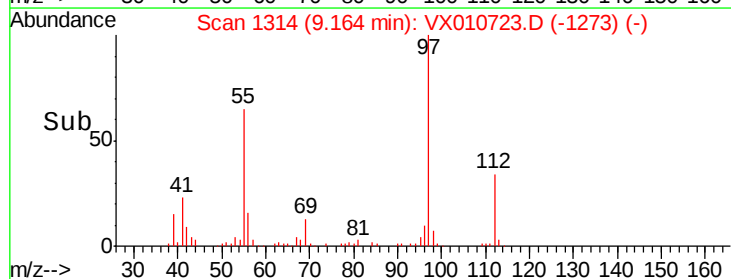
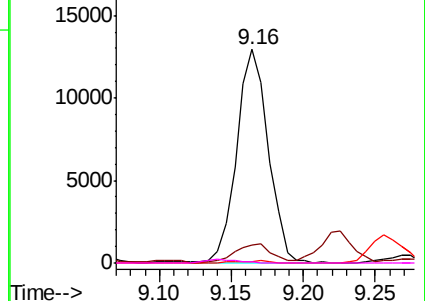


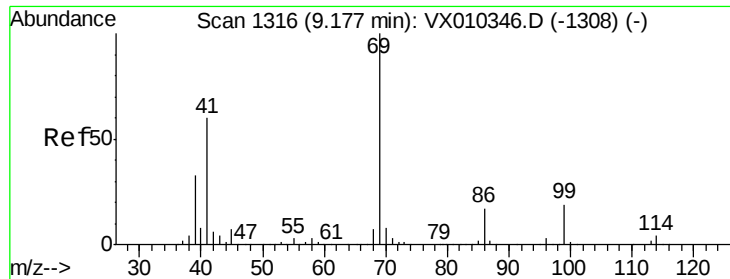
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

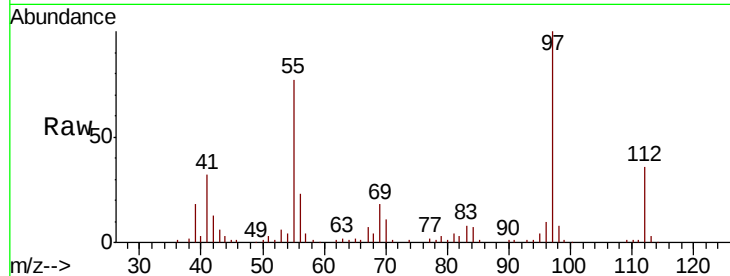




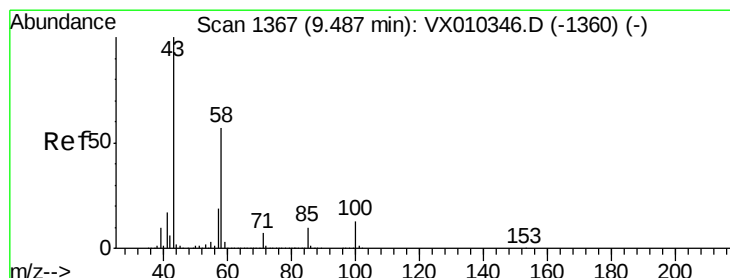
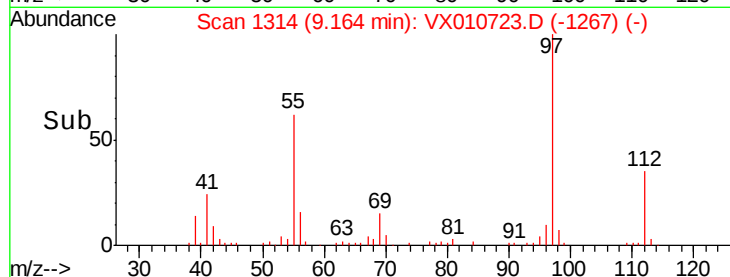
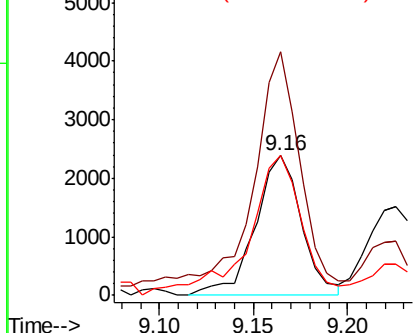
#56
Ethyl methacrylate
Concen: 1.166 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VX010723.D
Acq: 09 Jul 2019 02:43

Instrument :
MSVOA_X
ClientSampleId :
SS038MW004-190703

Tot Ion: 69.00 Resp: 4057
Ion Ratio Lower Upper
69 100
41 164.9 47.1 70.7#
39 115.1 26.6 40.0#

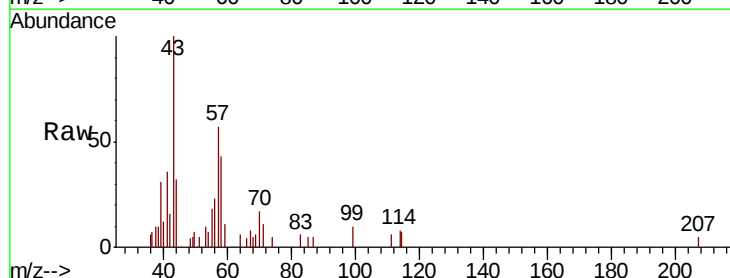


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

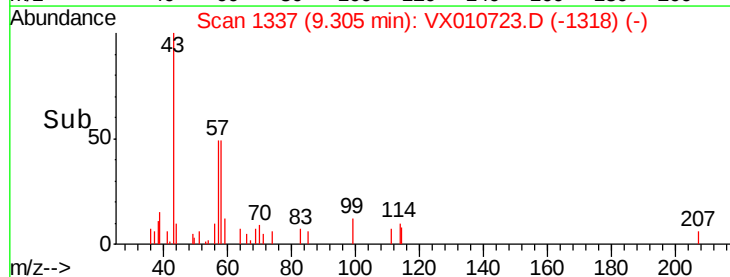
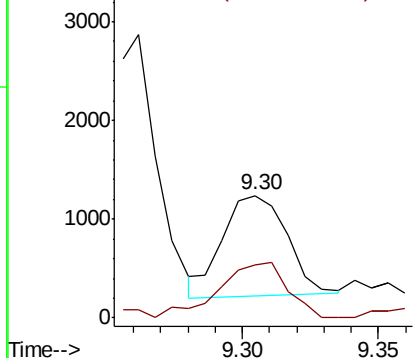


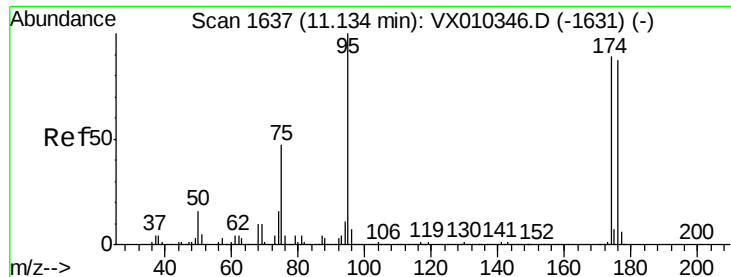
#59
2-Hexanone
Concen: 0.724 ug/l
RT: 9.30 min Scan# 1337
Delta R.T. -0.18 min
Lab File: VX010723.D
Acq: 09 Jul 2019 02:43

Tgt Ion: 43 Resp: 1684
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 51.127 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

SS038MW004-190703

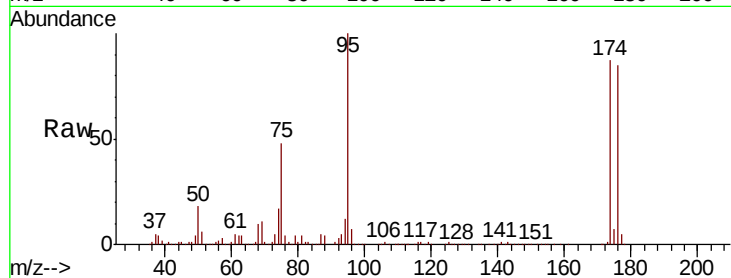
Tot Ion: 95 Resp: 147605

Ion Ratio Lower Upper

95 100

174 90.2 0.0 187.6

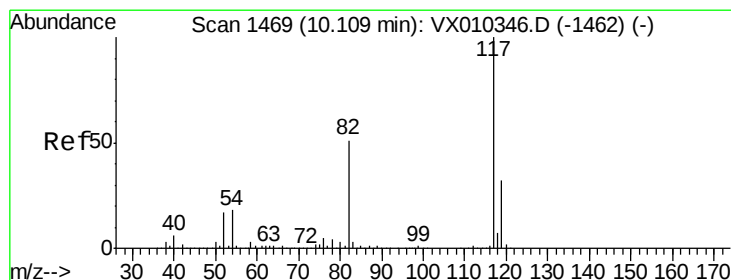
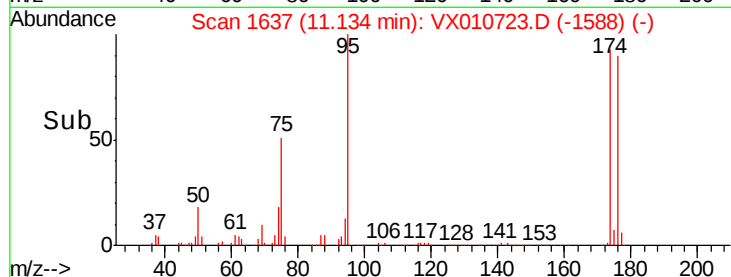
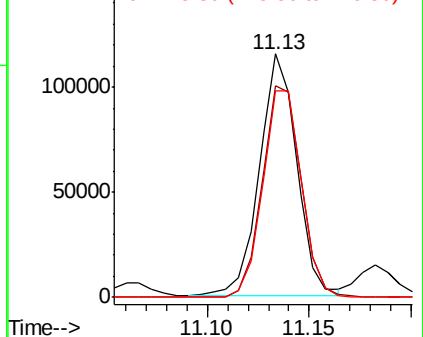
176 88.5 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010723.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010723.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010723.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

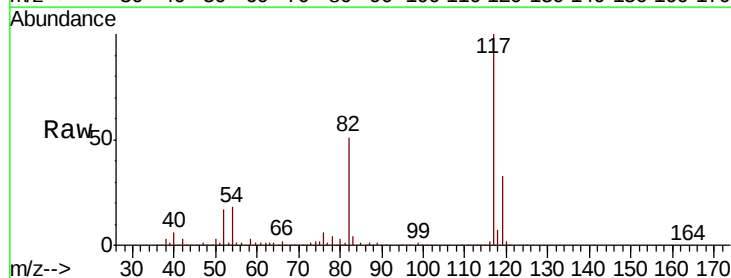
Tgt Ion: 117 Resp: 316664

Ion Ratio Lower Upper

117 100

82 50.8 41.2 61.8

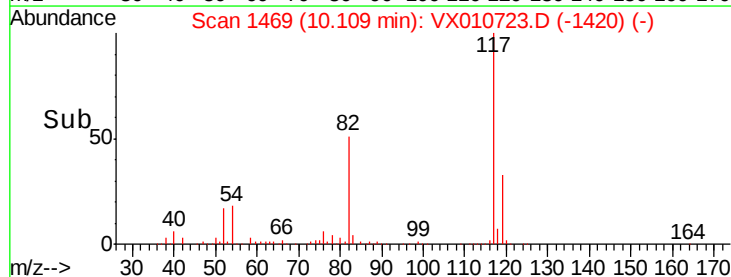
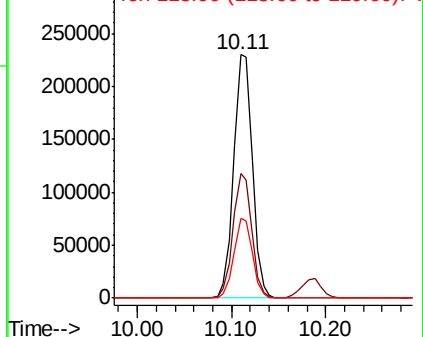
119 32.5 25.5 38.3

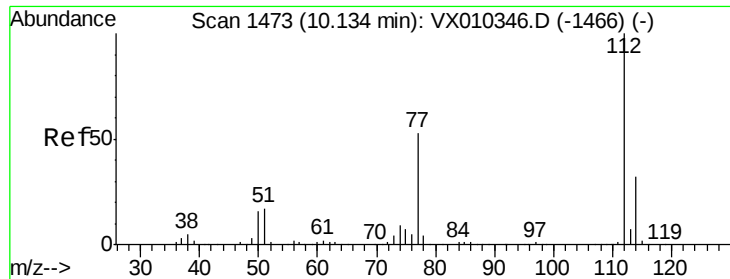


Abundance Ion 116.90 (116.60 to 117.60): VX010723.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010723.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010723.D (-1420) (-)





#65

Chlorobenzene

Concen: 29.135 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

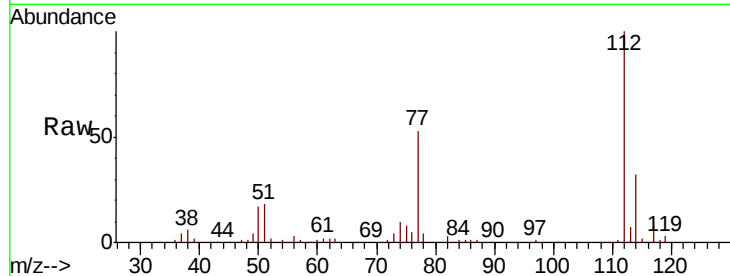
SS038MW004-190703

Tot Ion:112 Resp: 187303

Ion Ratio Lower Upper

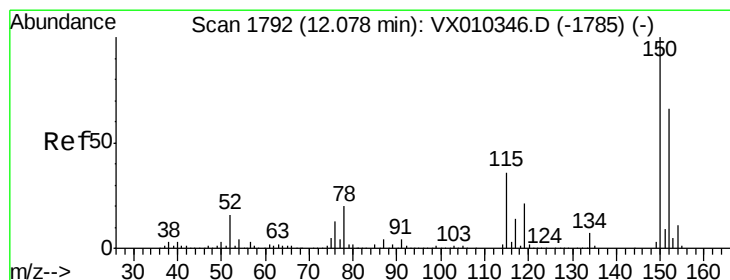
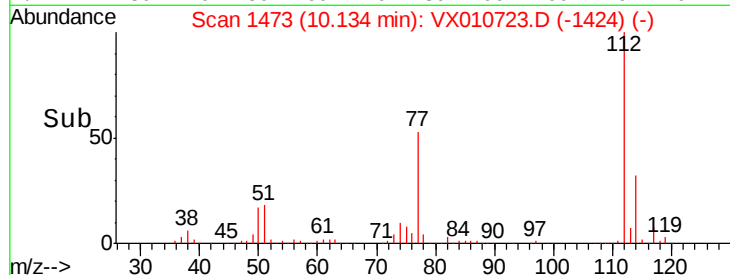
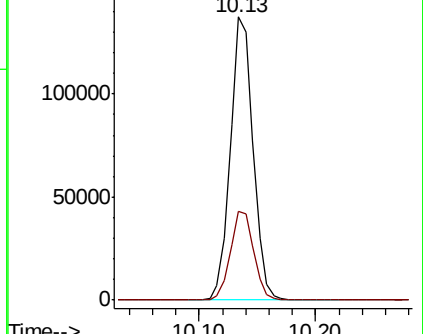
112 100

114 31.6 25.4 38.2



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: VX010723.D

Acq: 09 Jul 2019 02:43

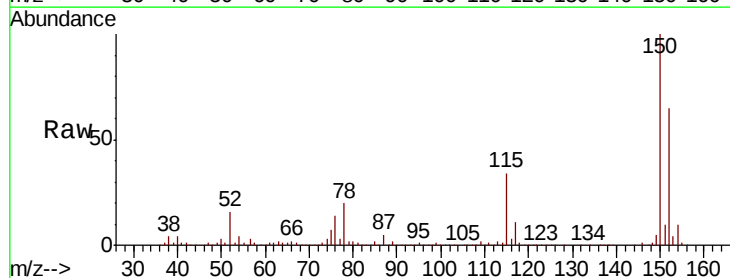
Tgt Ion:152 Resp: 158982

Ion Ratio Lower Upper

152 100

115 55.3 38.6 115.7

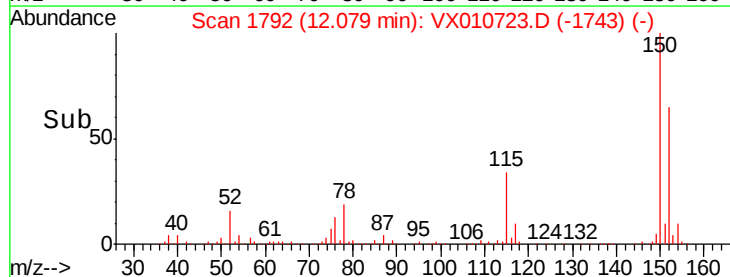
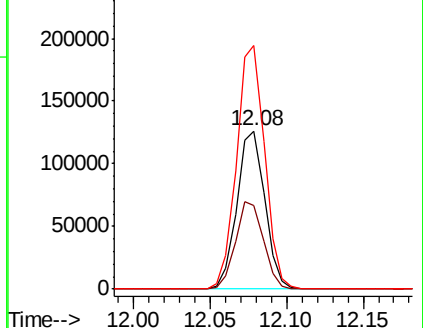
150 155.3 0.0 347.4

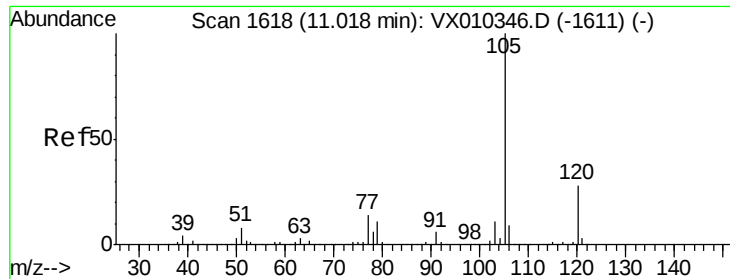


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.805 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

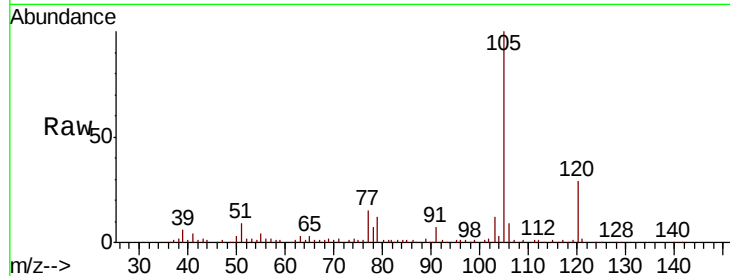
SS038MW004-190703

Tot Ion:105 Resp: 30233

Ion Ratio Lower Upper

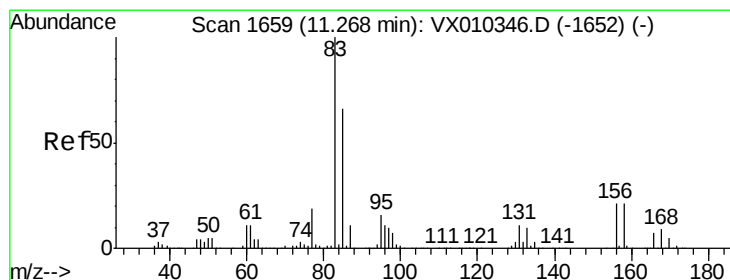
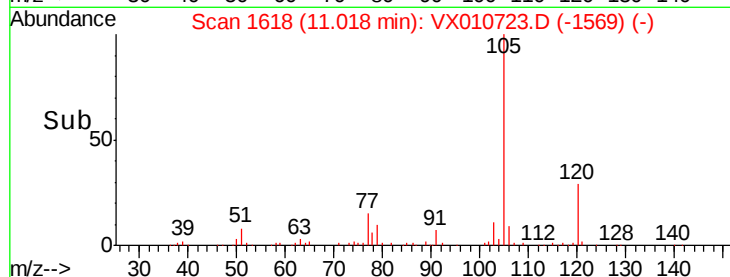
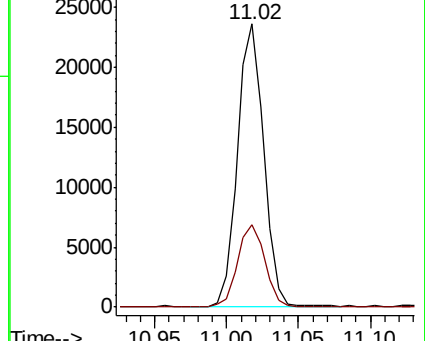
105 100

120 30.1 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: 2.044 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

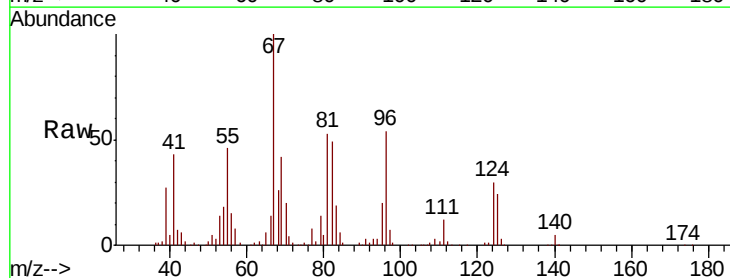
Tgt Ion: 83 Resp: 7296

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

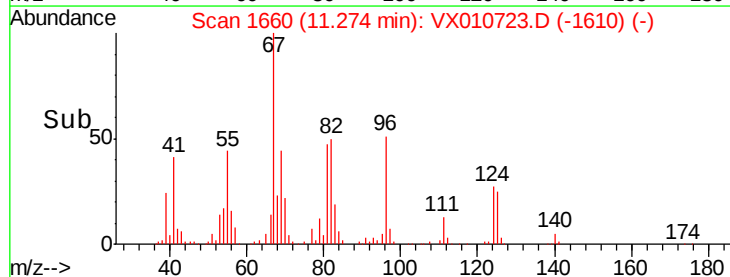
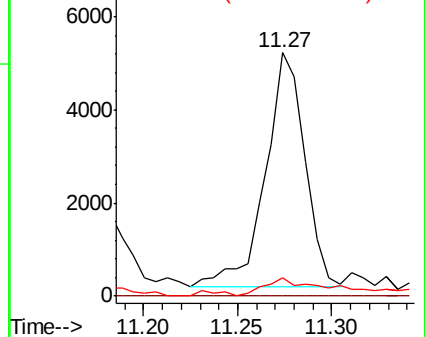
85 12.1 32.3 96.8#

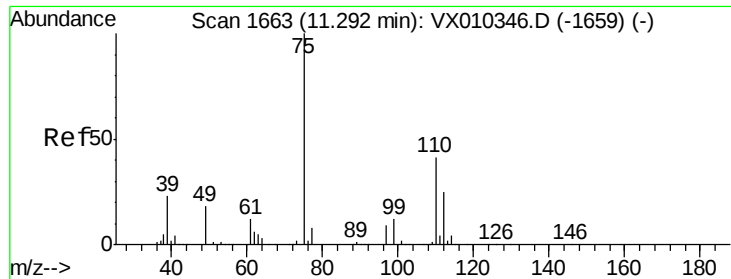


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

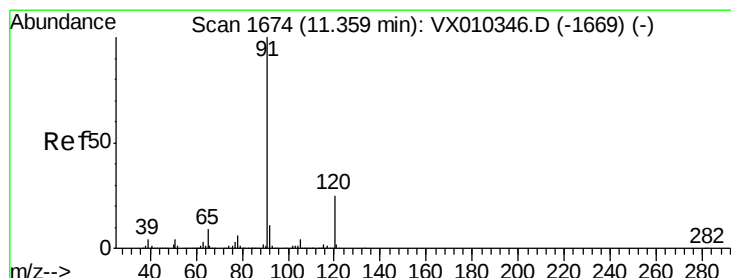
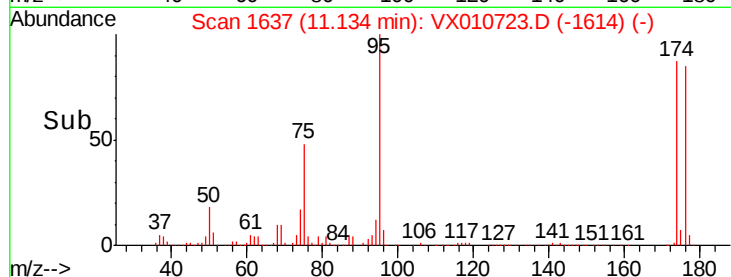
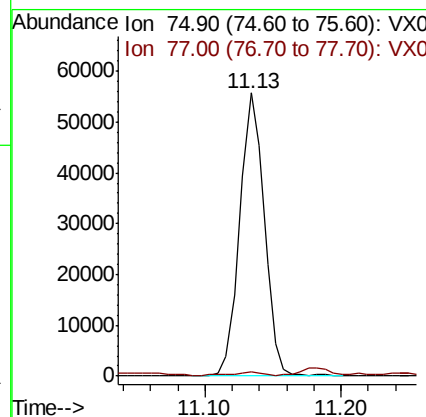
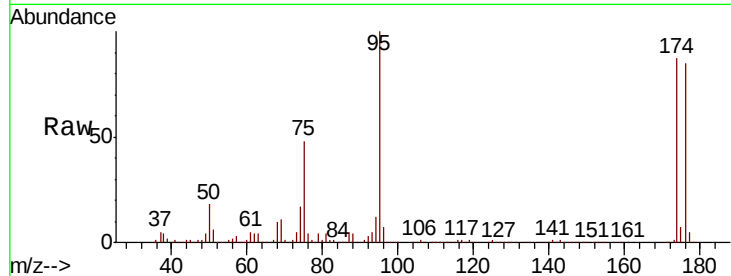




#76
1,2,3-Trichloropropane
Concen: 24.247 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010723.D
Acq: 09 Jul 2019 02:43

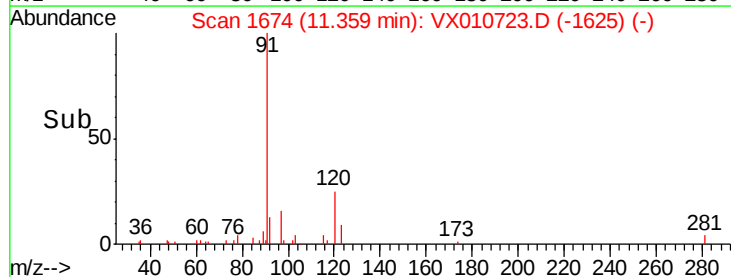
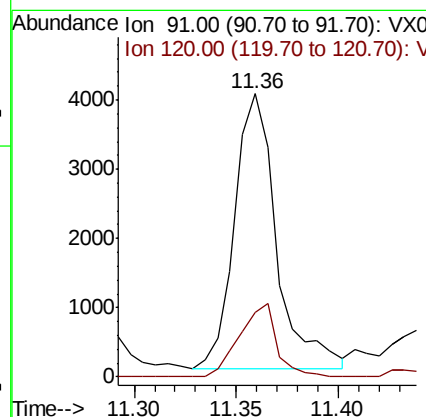
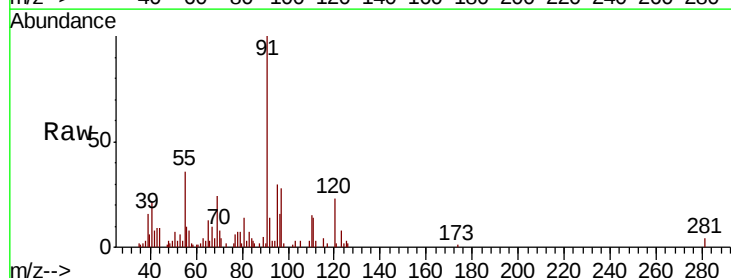
Instrument :
MSVOA_X
ClientSampleId :
SS038MW004-190703

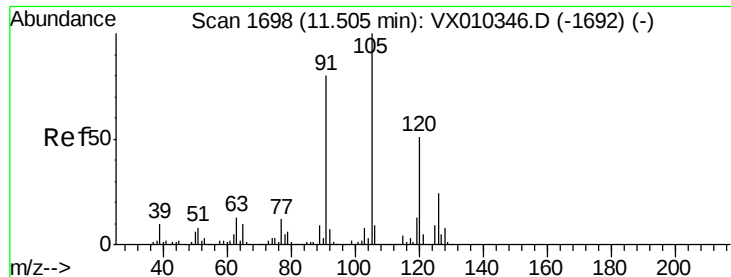
Tot Ion: 75 Resp: 70245
Ion Ratio Lower Upper
75 100
77 1.3 22.6 67.8#



#78
n-propylbenzene
Concen: 0.482 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010723.D
Acq: 09 Jul 2019 02:43

Tgt Ion: 91 Resp: 5710
Ion Ratio Lower Upper
91 100
120 23.5 12.4 37.4





#80

1,3,5-Trimethylbenzene

Concen: 0.208 ug/l

RT: 11.67 min Scan# 1725

Delta R.T. 0.16 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

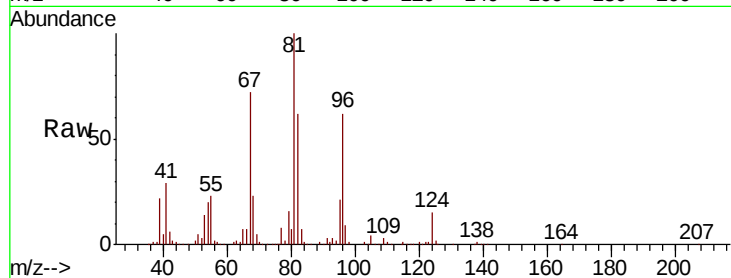
SS038MW004-190703

Tot Ion:105 Resp: 1852

Ion Ratio Lower Upper

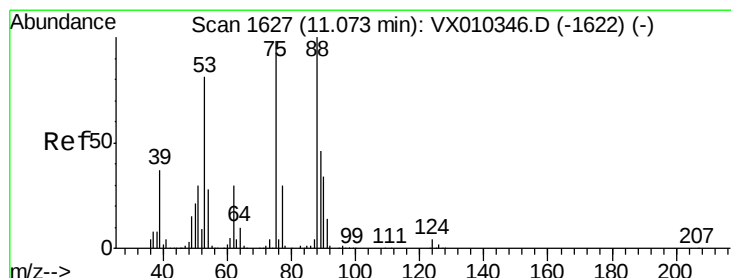
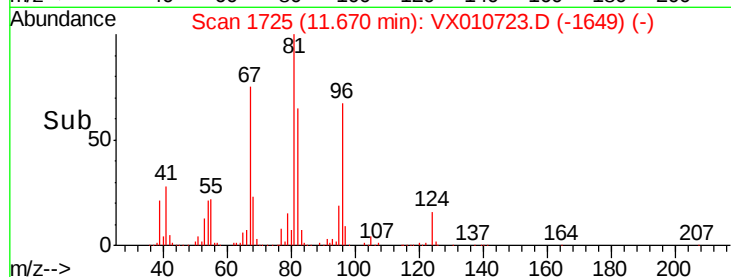
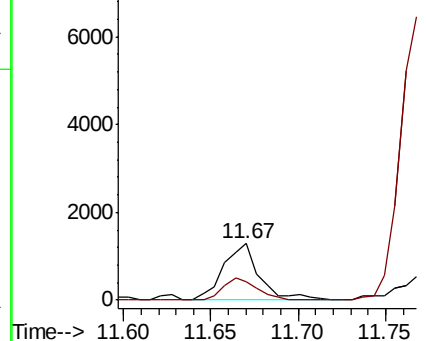
105 100

120 36.5 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 56.566 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

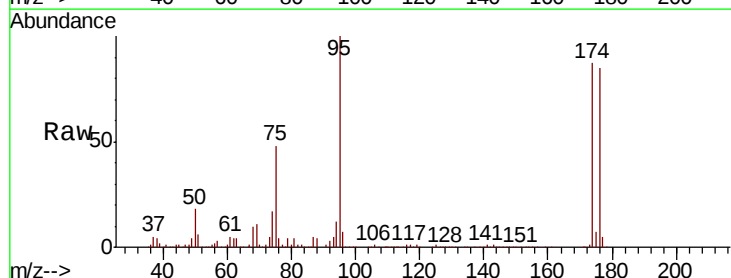
Tgt Ion: 75 Resp: 70245

Ion Ratio Lower Upper

75 100

53 0.0 66.1 99.1#

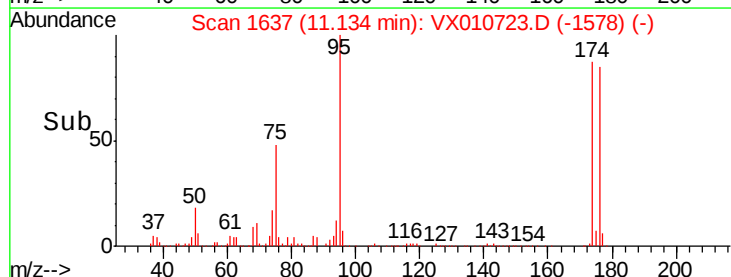
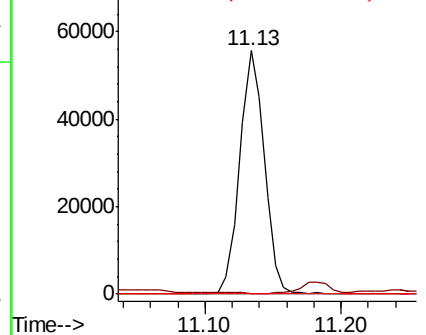
89 0.2 37.8 56.6#

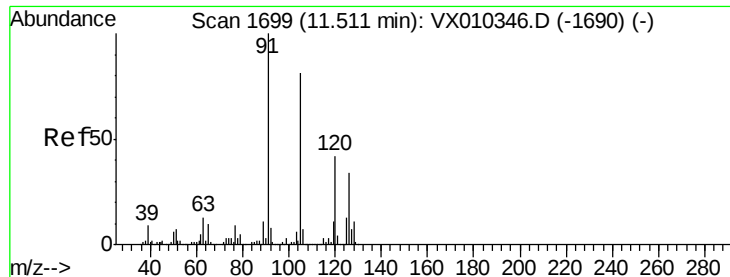


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.711 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

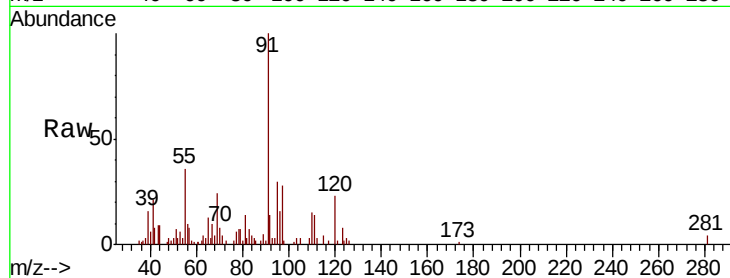
SS038MW004-190703

Tot Ion: 91 Resp: 5710

Ion Ratio Lower Upper

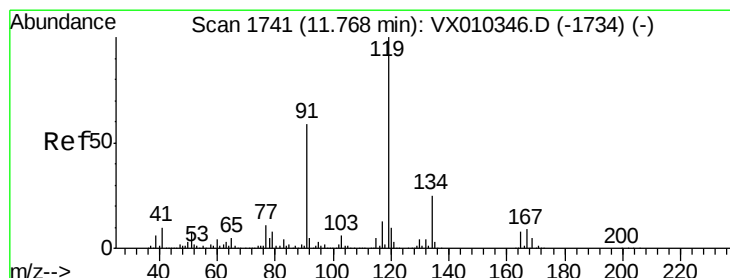
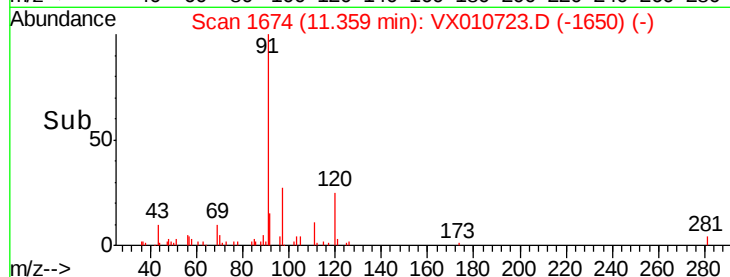
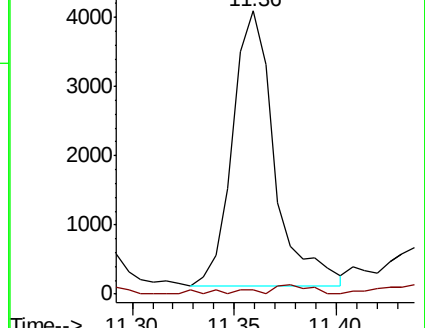
91 100

126 4.1 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1690) (-)

Ion 125.90 (125.60 to 126.60): VX010346.D (-1690) (-)



#83

tert-Butylbenzene

Concen: 8.556 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

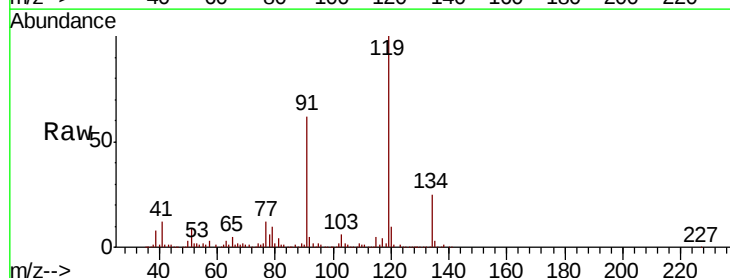
Tgt Ion: 119 Resp: 76294

Ion Ratio Lower Upper

119 100

91 63.3 27.6 82.7

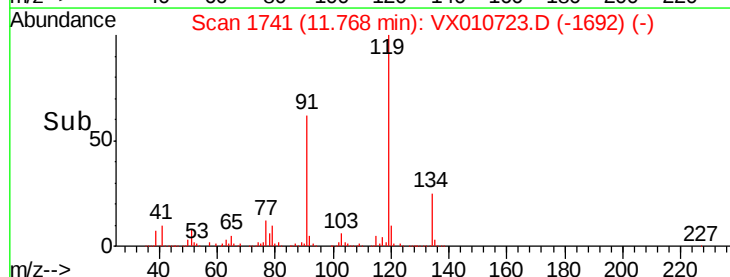
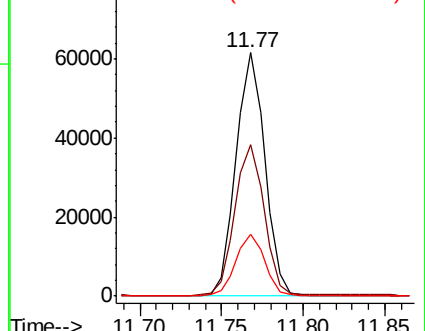
134 25.4 11.8 35.4

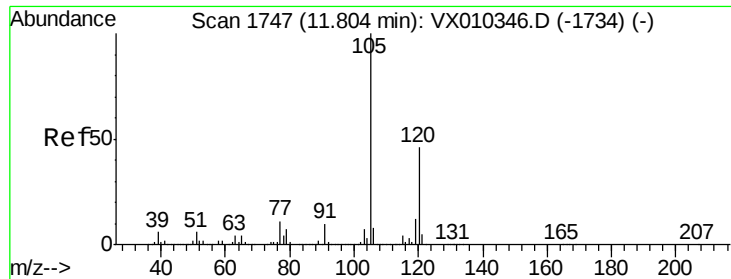


Abundance Ion 119.00 (118.70 to 119.70): VX010346.D (-1734) (-)

Ion 91.00 (90.70 to 91.70): VX010346.D (-1734) (-)

Ion 134.00 (133.70 to 134.70): VX010346.D (-1734) (-)

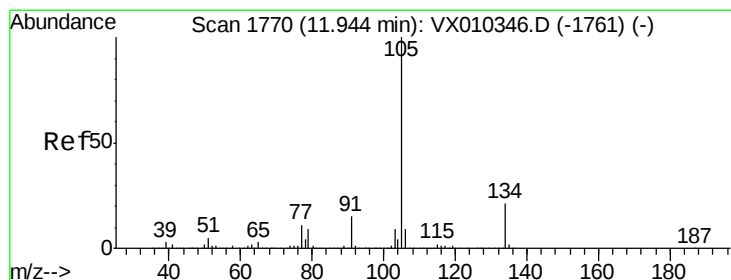
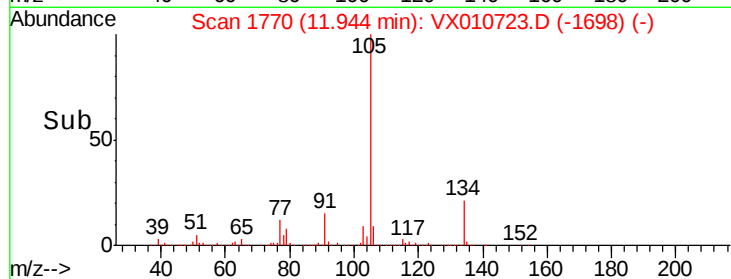
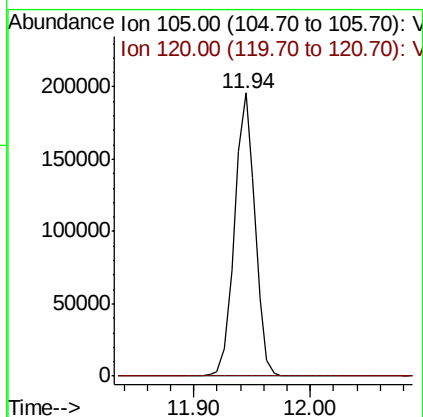
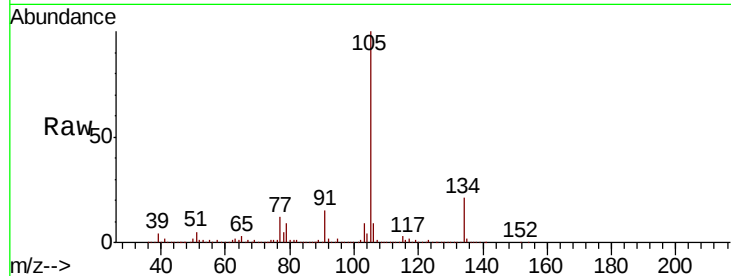




#84
 1,2,4-Trimethylbenzene
 Concen: 26.752 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.14 min
 Lab File: VX010723.D
 Acq: 09 Jul 2019 02:43

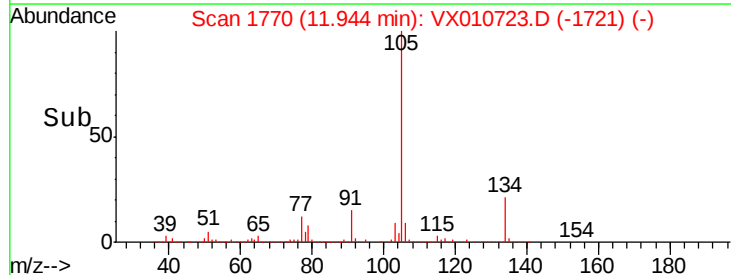
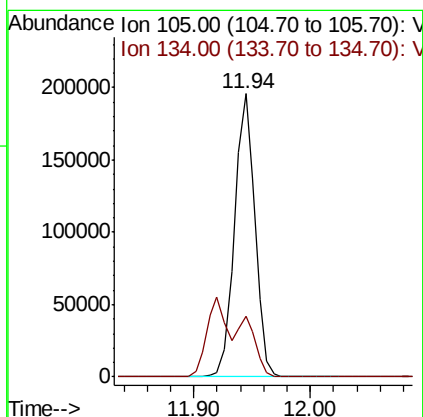
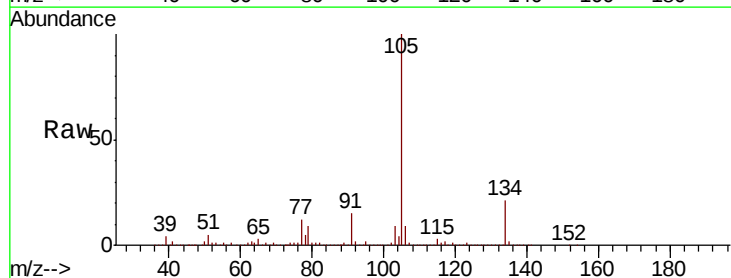
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW004-190703

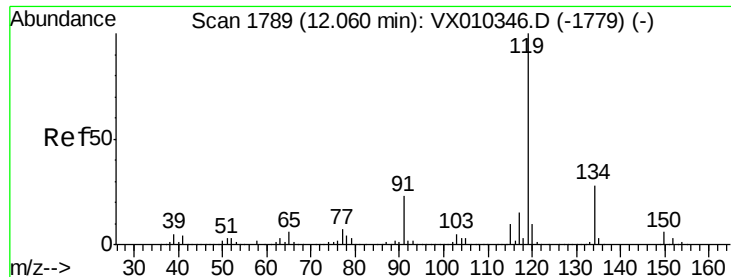
Tot Ion:105 Resp: 238788
 Ion Ratio Lower Upper
 105 100
 120 0.1 23.1 69.2#



#85
 sec-Butylbenzene
 Concen: 22.807 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010723.D
 Acq: 09 Jul 2019 02:43

Tgt Ion:105 Resp: 238788
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#

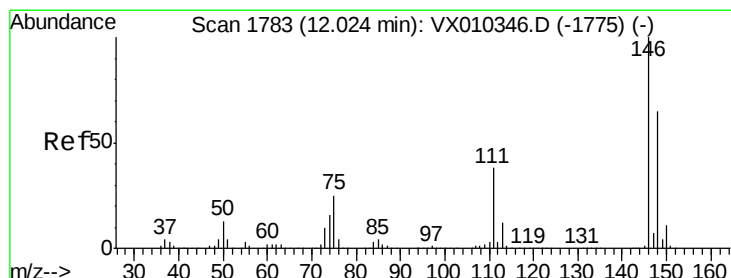
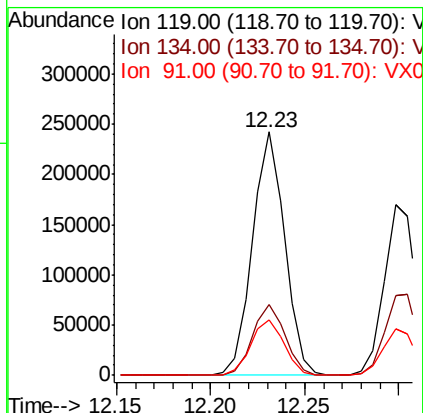
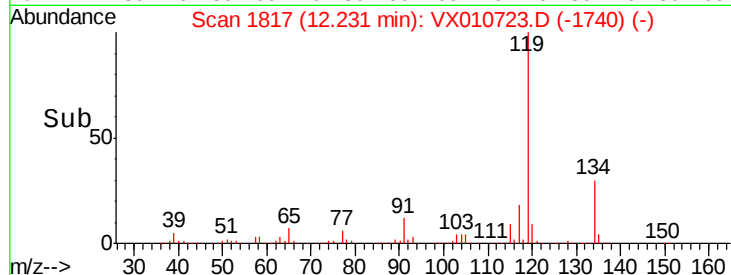
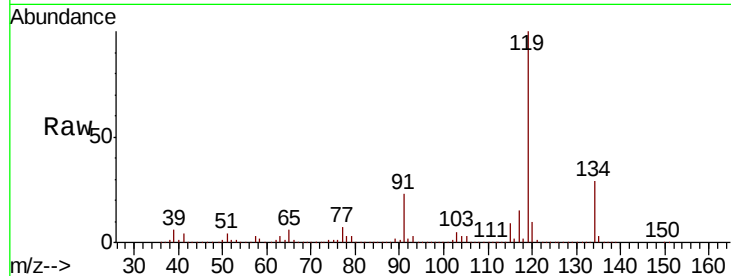




#86
p-Isopropyltoluene
Concen: 29.637 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX010723.D
Acq: 09 Jul 2019 02:43

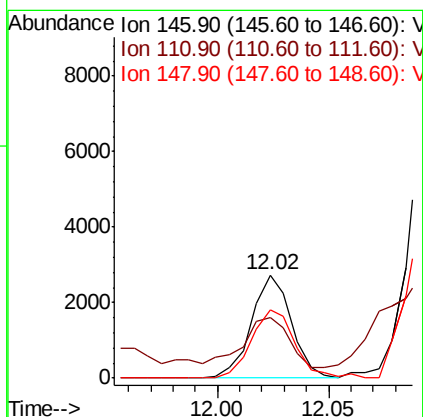
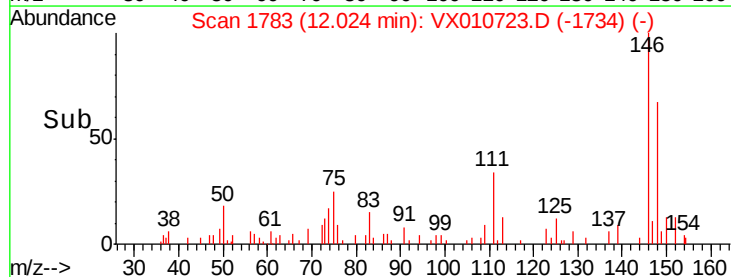
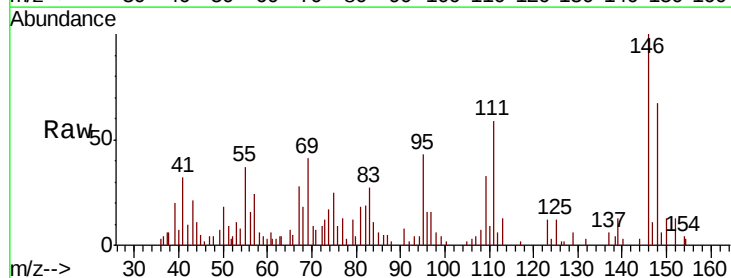
Instrument :
MSVOA_X
ClientSampleId :
SS038MW004-190703

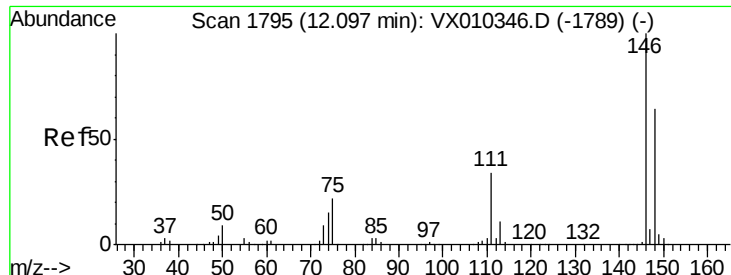
Tot Ion:119 Resp: 287013
Ion Ratio Lower Upper
119 100
134 29.1 13.7 41.1
91 23.5 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 0.647 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010723.D
Acq: 09 Jul 2019 02:43

Tgt Ion:146 Resp: 3396
Ion Ratio Lower Upper
146 100
111 69.2 19.1 57.1#
148 72.7 32.5 97.4

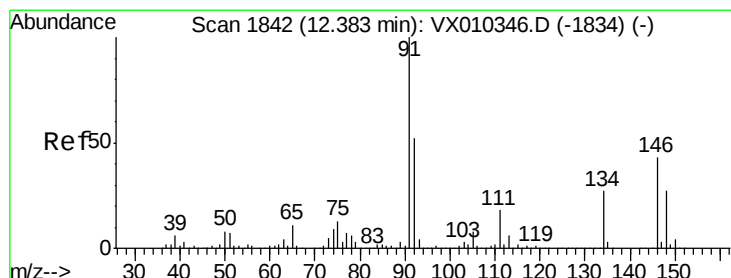
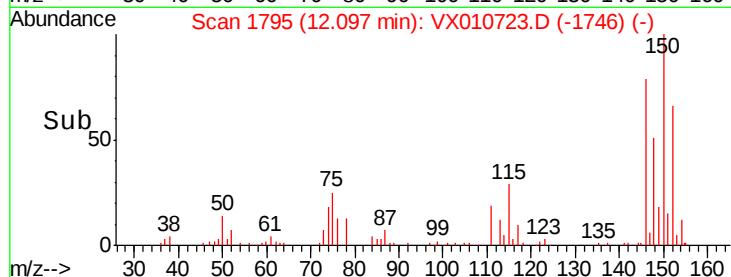
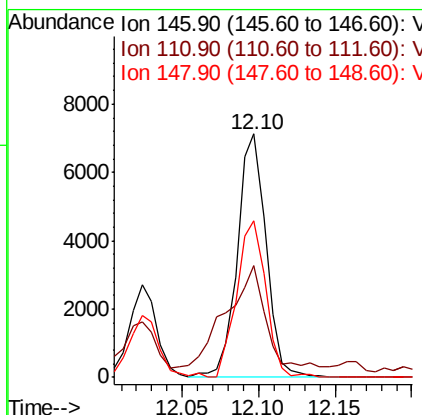
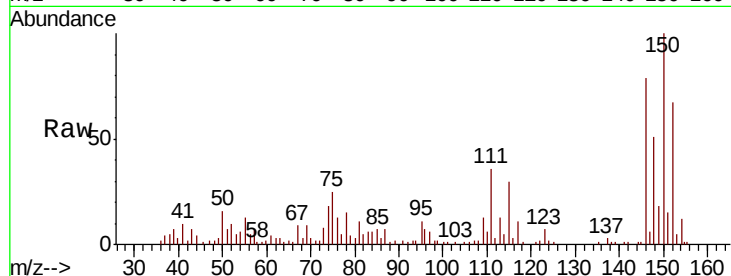




#88
 1,4-Dichlorobenzene
 Concen: 1.739 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010723.D
 Acq: 09 Jul 2019 02:43

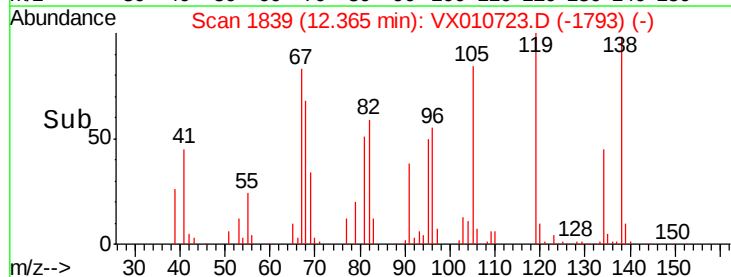
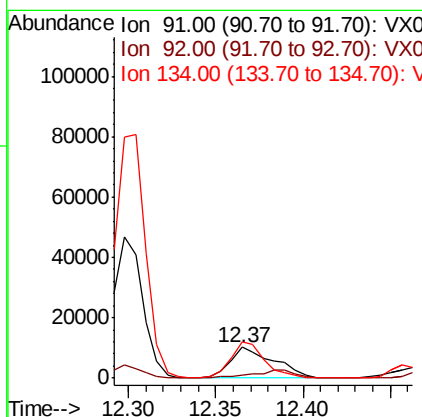
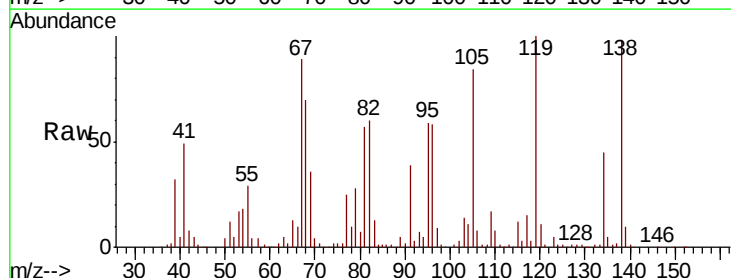
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW004-190703

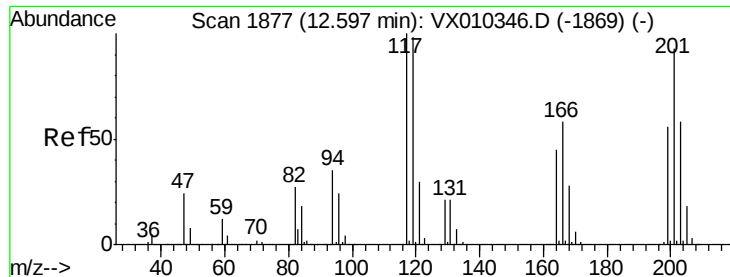
Tot Ion:146 Resp: 9302
 Ion Ratio Lower Upper
 146 100
 111 64.4 18.1 54.3#
 148 65.1 32.1 96.3



#89
 n-Butylbenzene
 Concen: 2.104 ug/l
 RT: 12.37 min Scan# 1839
 Delta R.T. -0.02 min
 Lab File: VX010723.D
 Acq: 09 Jul 2019 02:43

Tgt Ion: 91 Resp: 17315
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.2 78.5#
 134 93.4 14.1 42.4#





#90

Hexachloroethane

Concen: 72.109 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

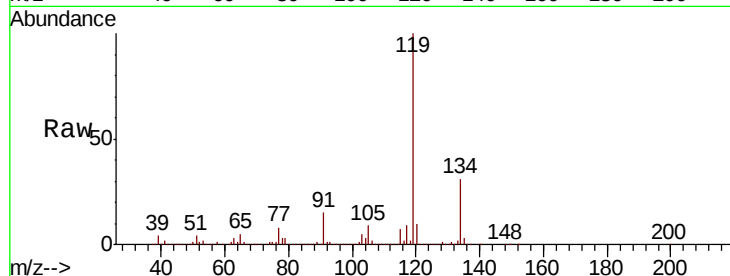
SS038MW004-190703

Tot Ion:117 Resp: 120750

Ion Ratio Lower Upper

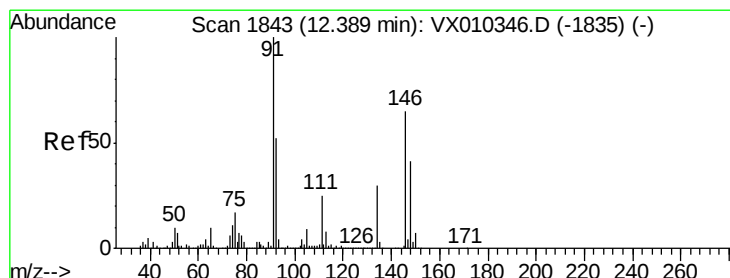
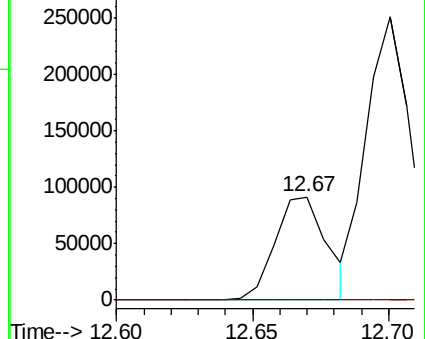
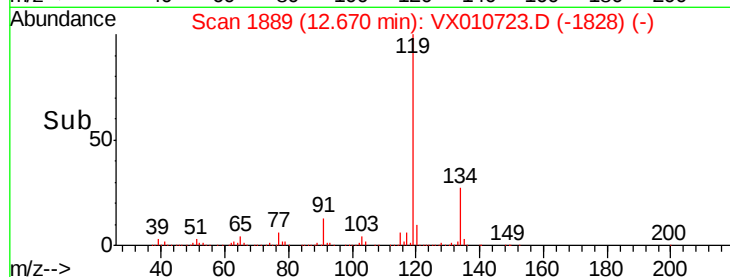
117 100

201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.505 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010723.D

Acq: 09 Jul 2019 02:43

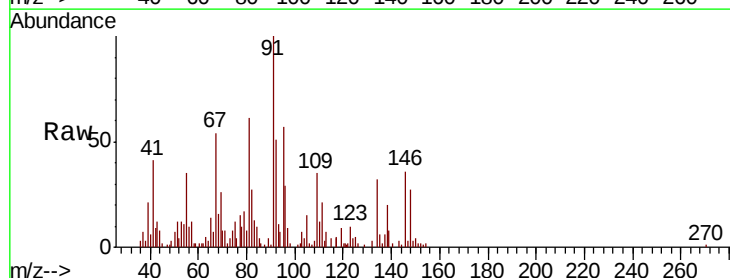
Tgt Ion:146 Resp: 2639

Ion Ratio Lower Upper

146 100

111 65.8 19.2 57.6#

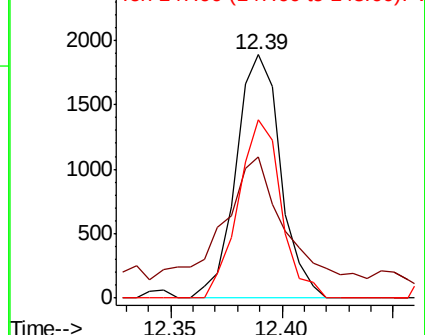
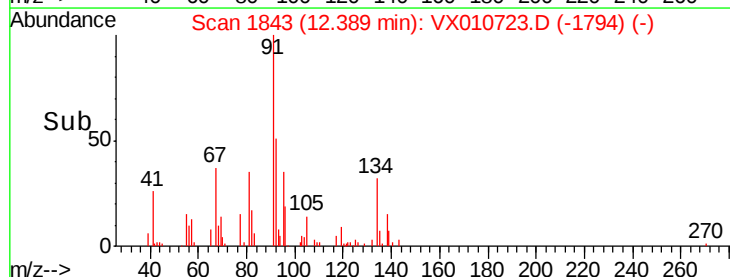
148 70.8 32.0 96.0

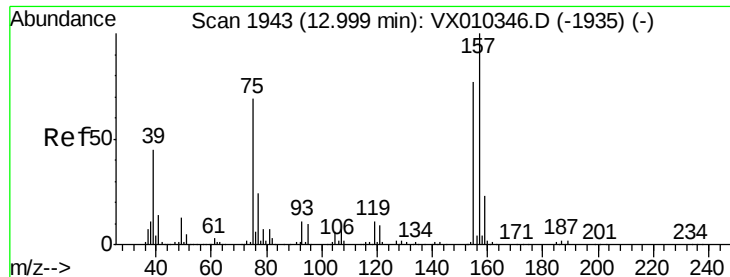


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

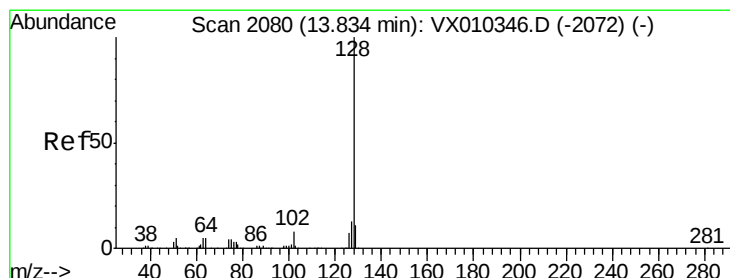
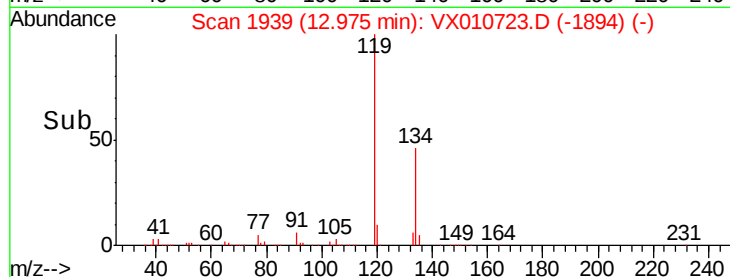
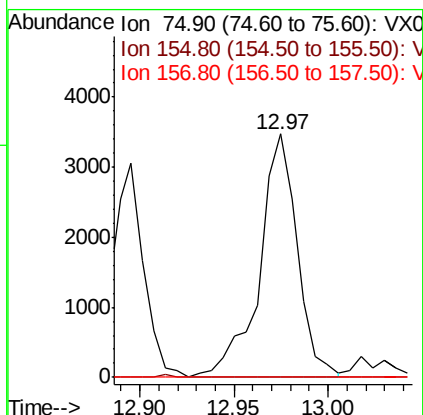
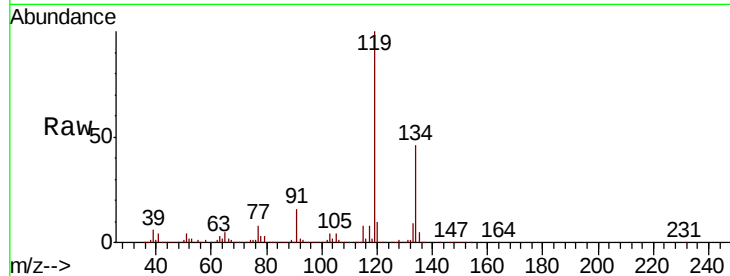




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.294 ug/l
 RT: 12.97 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: VX010723.D
 Acq: 09 Jul 2019 02:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW004-190703

Tot Ion: 75 Resp: 4843
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.4 163.1#
 157 0.0 69.5 208.3#



#95
 Naphthalene
 Concen: 0.243 ug/l
 RT: 13.85 min Scan# 2083
 Delta R.T. 0.02 min
 Lab File: VX010723.D
 Acq: 09 Jul 2019 02:43

Tgt Ion:128 Resp: 2707
 Ion Ratio Lower Upper
 128 100
 127 36.8 10.2 15.4#
 129 59.6 8.9 13.3#

