

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070819\
 Data File : VX010725.D
 Acq On : 09 Jul 2019 03:30
 Operator : JC/SP
 Sample : K3690-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW103-190703

Quant Time: Jul 09 07:24:49 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	5.66	168	230618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	337733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167288	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	117018	54.12	ug/l	0.00
Spiked Amount			Recovery	=	108.24%	
35) Dibromofluoromethane	5.50	113	109449	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
50) Toluene-d8	8.71	98	438894	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.13	95	152946	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	639	0.342	ug/l #	87
4) Vinyl Chloride	1.41	62	1150	0.562	ug/l #	40
5) Bromomethane	1.65	94	546	0.548	ug/l	83
6) Chloroethane	1.90	64	637	0.528	ug/l #	73
11) Tert butyl alcohol	3.04	59	2277	4.024	ug/l	96
13) Acrolein	2.30	56	83	0.221	ug/l #	14
14) Allyl chloride	2.84	41	27130	9.560	ug/l #	61
16) Acetone	2.45	43	3540	3.267	ug/l #	78
17) Carbon Disulfide	2.57	76	1194	0.223	ug/l #	90
18) Methyl Acetate	2.84	43	65224	30.199	ug/l #	49
19) Methyl tert-butyl Ether	3.20	73	2186	0.348	ug/l #	1
20) Methylene Chloride	2.85	84	497	0.223	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	1334	0.537	ug/l	79
29) Tetrahydrofuran	5.11	42	224	0.228	ug/l #	41
31) Cyclohexane	5.58	56	1600	0.512	ug/l	86
36) 1,1-Dichloropropene	5.66	75	14788	5.133	ug/l #	48
38) Carbon Tetrachloride	5.66	117	20637	6.615	ug/l #	15
39) Methylcyclohexane	7.44	83	9196	2.428	ug/l #	38
40) Benzene	6.14	78	4115	0.458	ug/l	92
42) 1,2-Dichloroethane	6.20	62	609	0.223	ug/l	89
43) Isopropyl Acetate	6.35	43	31504	6.425	ug/l #	57
47) Bromodichloromethane	7.85	83	1277	0.428	ug/l #	79
48) Methyl methacrylate	7.85	41	6127	2.688	ug/l	96
49) 1,4-Dioxane	7.85	88	23	0.350	ug/l #	1
51) 4-Methyl-2-Pentanone	8.68	43	1987	0.634	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	6600	2.707	ug/l #	19
56) Ethyl methacrylate	9.16	69	1615	0.437	ug/l #	1
65) Chlorobenzene	10.14	112	534841	78.004	ug/l	98
69) o-Xylene	10.70	106	1479	0.335	ug/l	95
73) Isopropylbenzene	11.02	105	13956	1.231	ug/l	98
74) N-amyl acetate	10.93	43	2241	0.523	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.28	83	2466	0.657	ug/l #	40
76) 1,2,3-Trichloropropane	11.13	75	75871	24.889	ug/l #	33
78) n-propylbenzene	11.36	91	2519	0.202	ug/l	90

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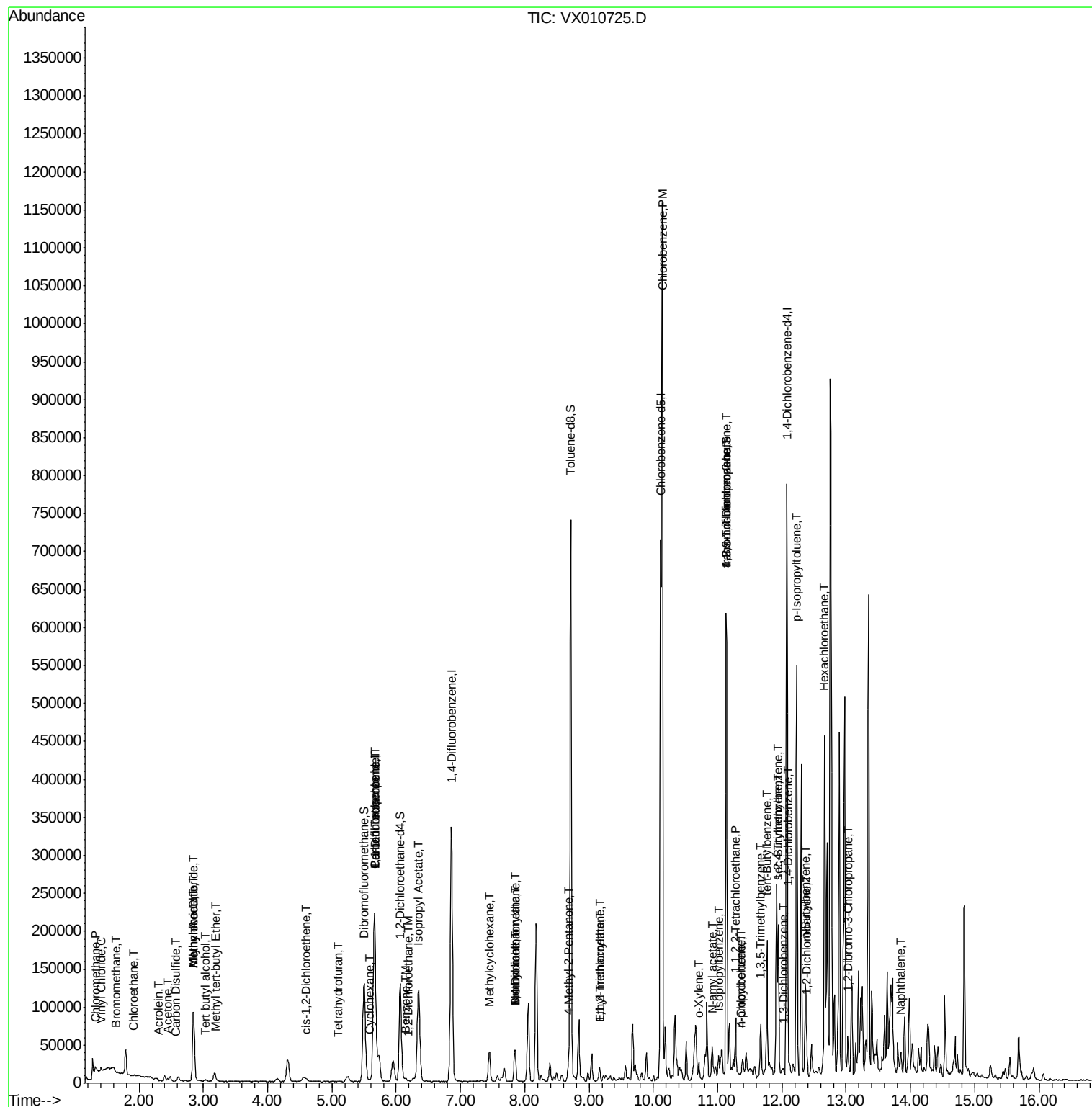
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.67	105	2957	0.316	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.13	75	75871	58.062	ug/l #	16
82) 4-Chlorotoluene	11.36	91	2519	0.298	ug/l #	42
83) tert-Butylbenzene	11.77	119	68409	7.291	ug/l	91
84) 1,2,4-Trimethylbenzene	11.94	105	100788	10.731	ug/l #	30
85) sec-Butylbenzene	11.94	105	100788	9.149	ug/l #	55
86) p-Isopropyltoluene	12.23	119	233583	22.922	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	1709	0.309	ug/l #	86
88) 1,4-Dichlorobenzene	12.10	146	9014	1.602	ug/l #	78
89) n-Butylbenzene	12.36	91	11198	1.293	ug/l #	13
90) Hexachloroethane	12.67	117	21278	12.076	ug/l #	5
91) 1,2-Dichlorobenzene	12.39	146	4268	0.777	ug/l #	79
92) 1,2-Dibromo-3-Chloropropan	13.02	75	275	0.340	ug/l #	1
95) Naphthalene	13.83	128	2692	0.230	ug/l #	28

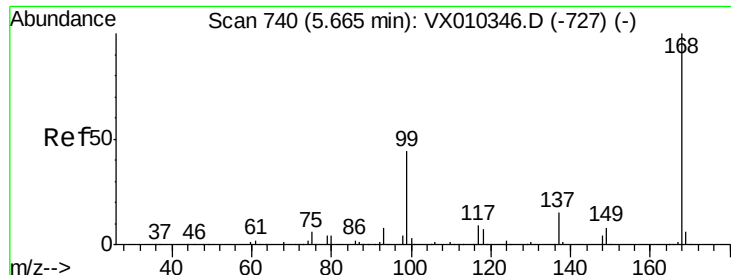
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

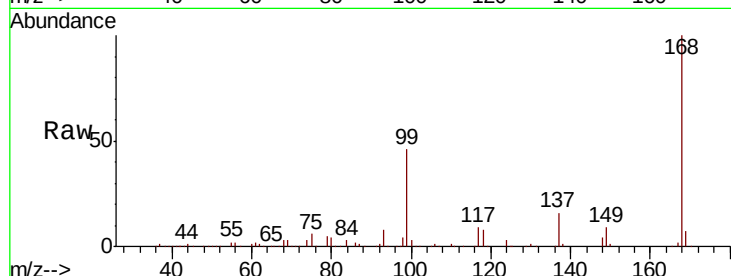
SS038MW103-190703

Tot Ion:168 Resp: 230618

Ion Ratio Lower Upper

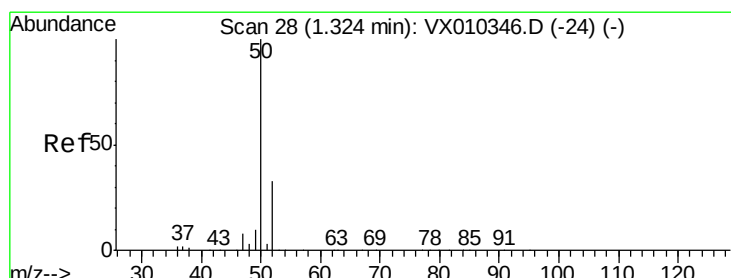
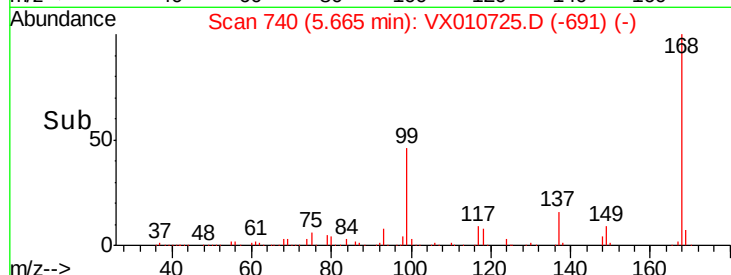
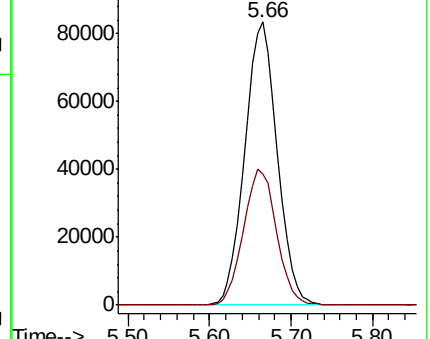
168 100

99 46.5 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: 0.342 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010725.D

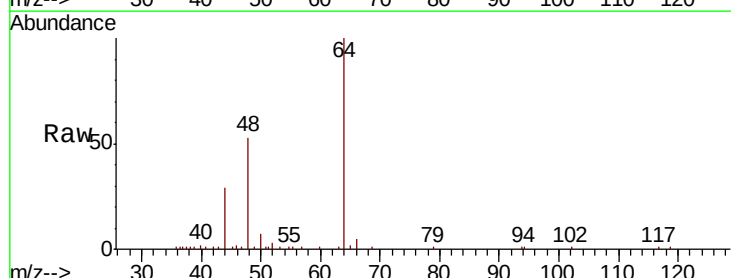
Acq: 09 Jul 2019 03:30

Tgt Ion: 50 Resp: 639

Ion Ratio Lower Upper

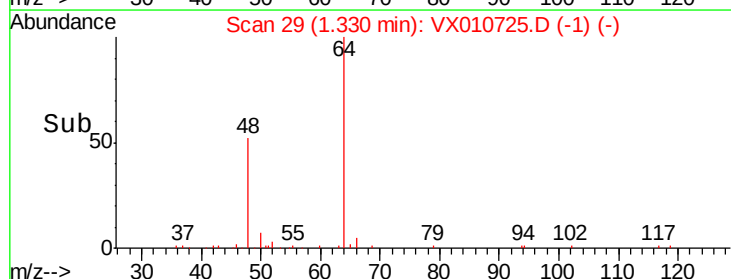
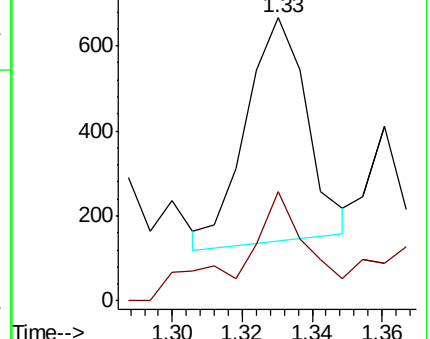
50 100

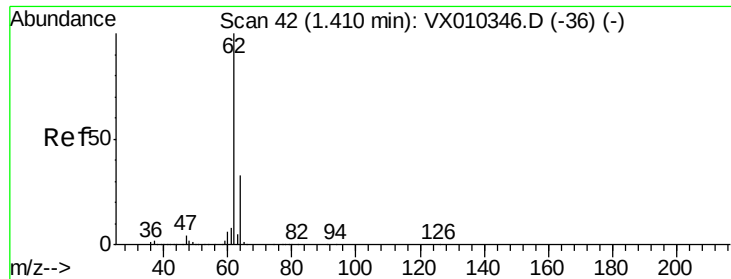
52 40.6 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 0.562 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

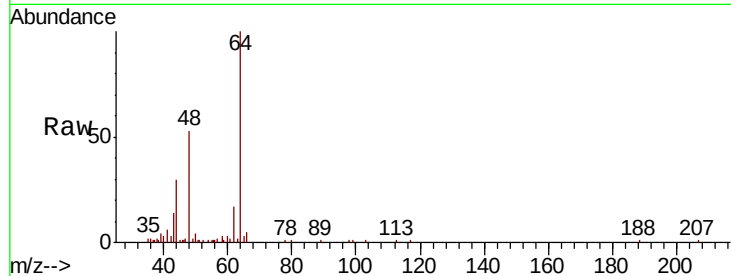
SS038MW103-190703

Tot Ion: 62 Resp: 1150

Ion Ratio Lower Upper

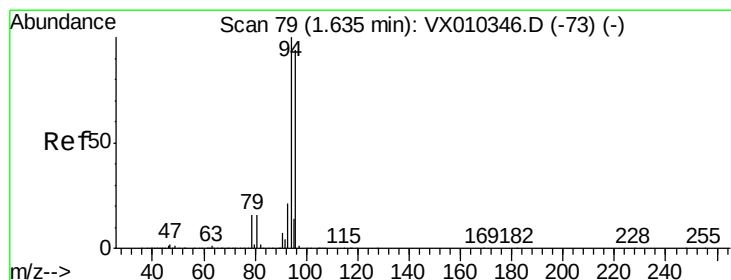
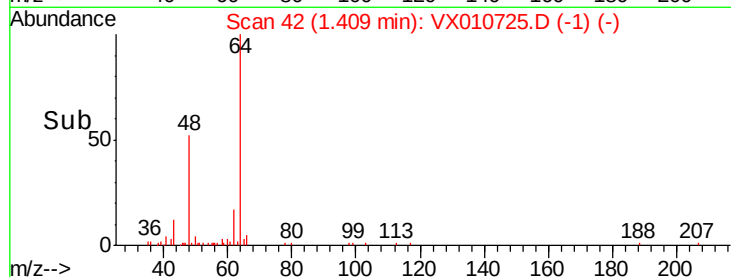
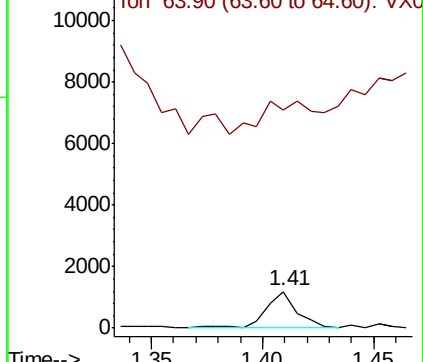
62 100

64 66.4 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.548 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010725.D

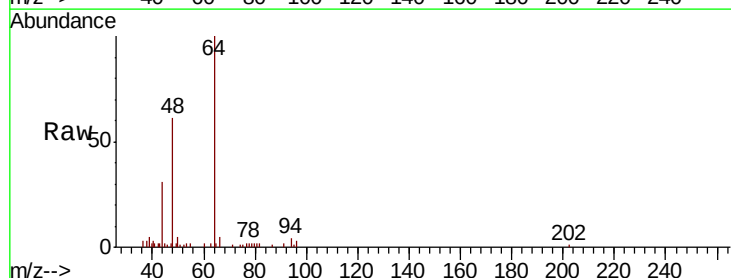
Acq: 09 Jul 2019 03:30

Tgt Ion: 94 Resp: 546

Ion Ratio Lower Upper

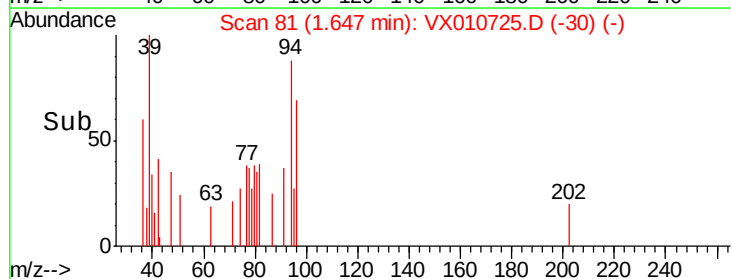
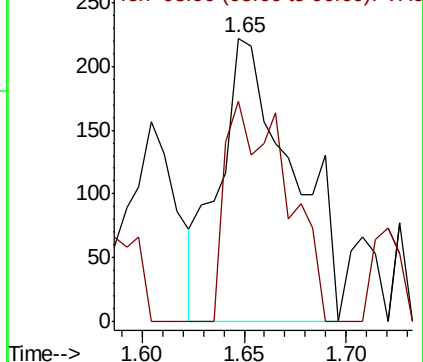
94 100

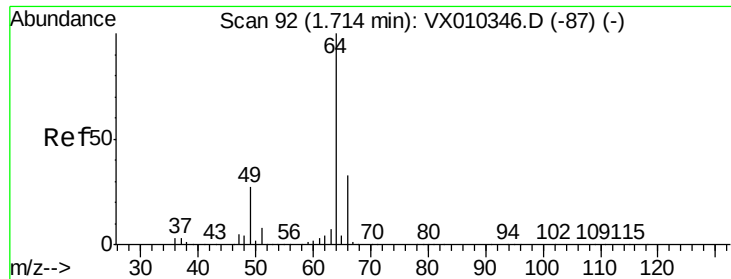
96 77.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.528 ug/l

RT: 1.90 min Scan# 123

Delta R.T. 0.19 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

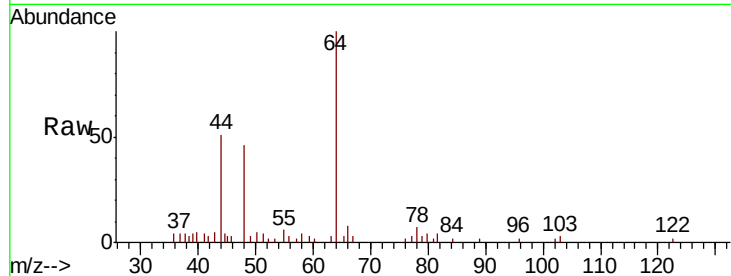
SS038MW103-190703

Tot Ion: 64 Resp: 637

Ion Ratio Lower Upper

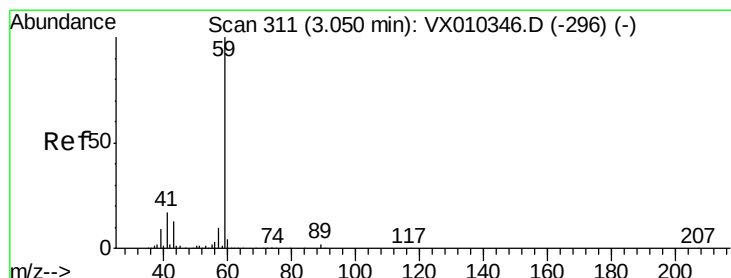
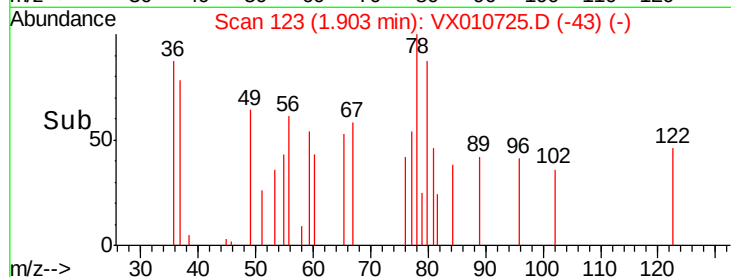
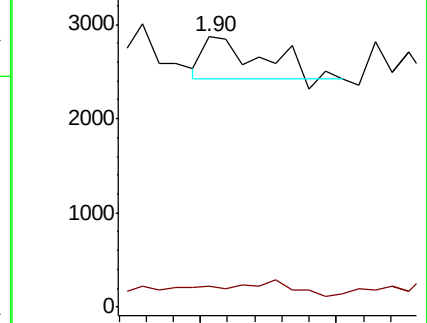
64 100

66 17.9 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 4.024 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010725.D

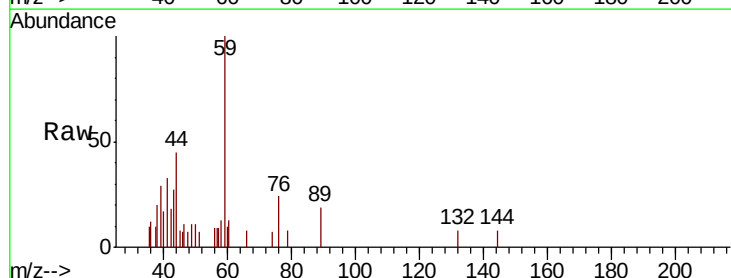
Acq: 09 Jul 2019 03:30

Tgt Ion: 59 Resp: 2277

Ion Ratio Lower Upper

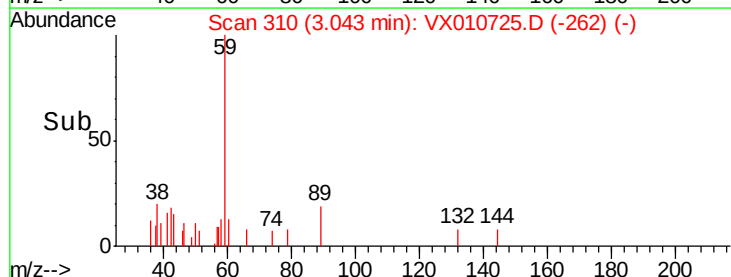
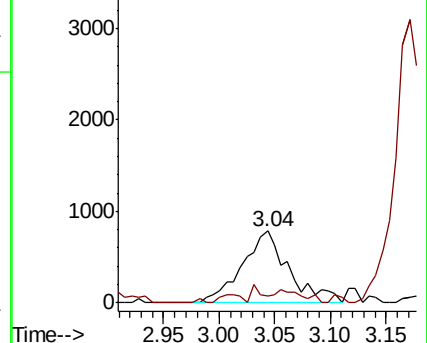
59 100

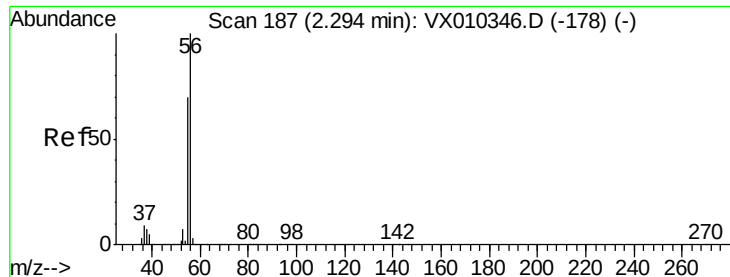
57 11.2 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.221 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

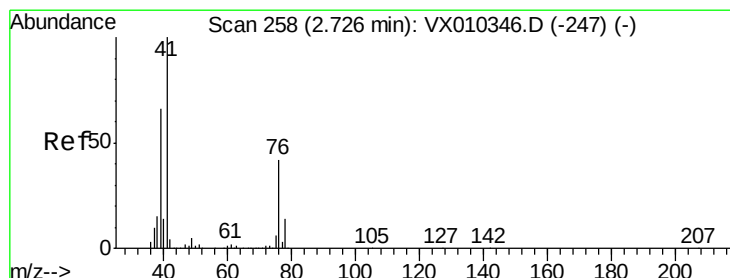
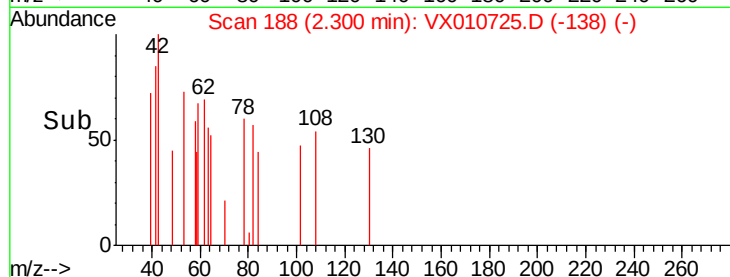
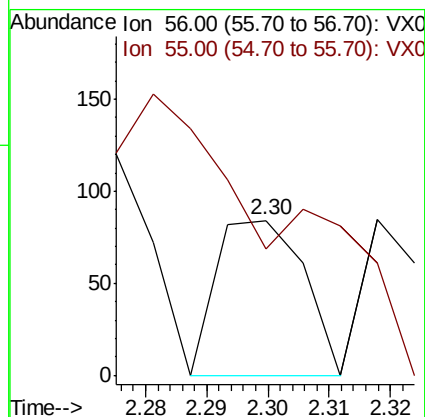
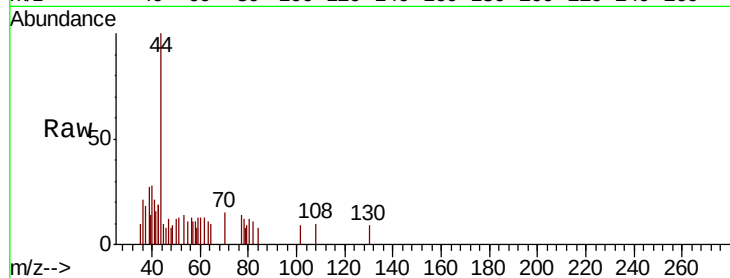
SS038MW103-190703

Tot Ion: 56 Resp: 83

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#14

Allyl chloride

Concen: 9.560 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

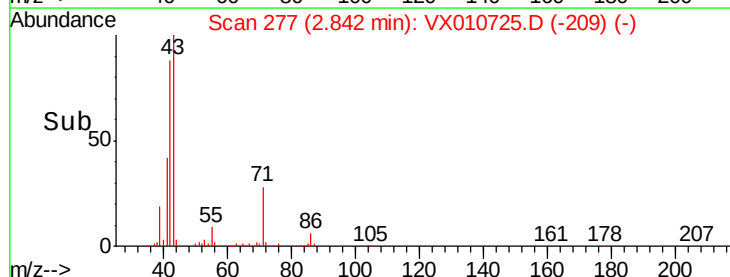
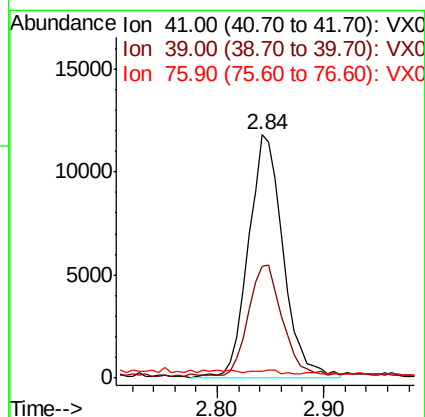
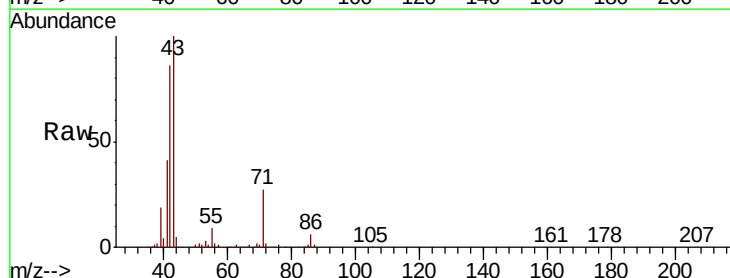
Tgt Ion: 41 Resp: 27130

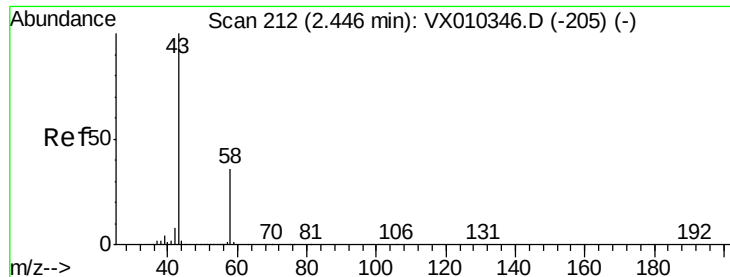
Ion Ratio Lower Upper

41 100

39 44.1 50.3 75.5#

76 0.0 31.3 46.9#





#16

Acetone

Concen: 3.267 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

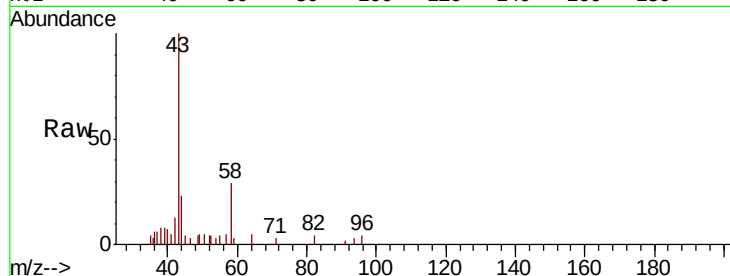
SS038MW103-190703

Tot Ion: 43 Resp: 3540

Ion Ratio Lower Upper

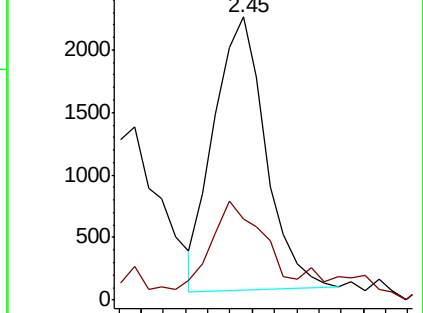
43 100

58 22.9 28.9 43.3#

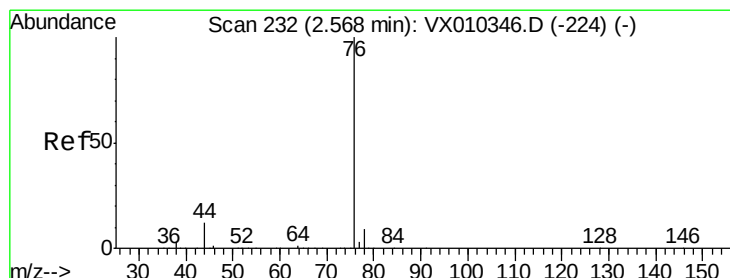
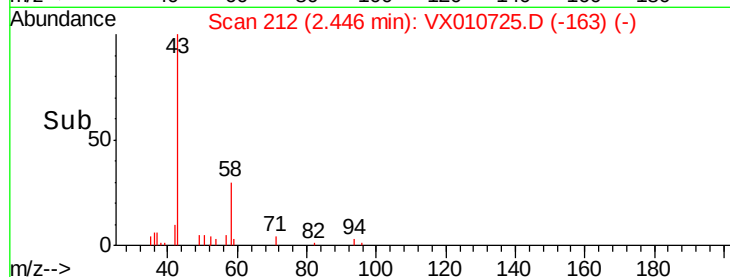


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 0.223 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010725.D

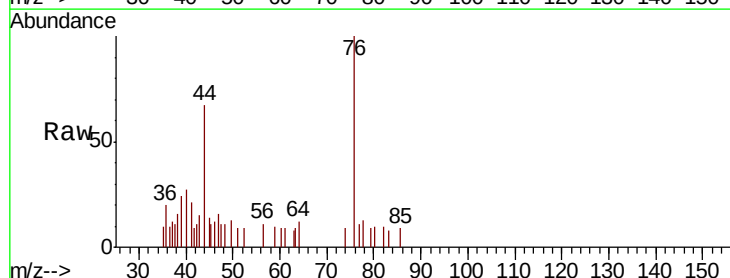
Acq: 09 Jul 2019 03:30

Tgt Ion: 76 Resp: 1194

Ion Ratio Lower Upper

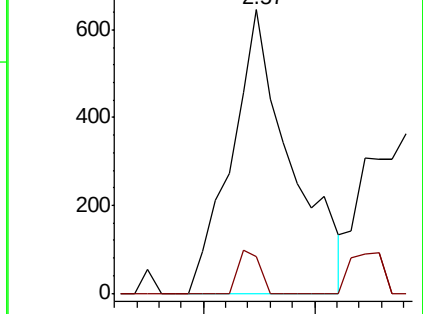
76 100

78 12.8 7.3 10.9#

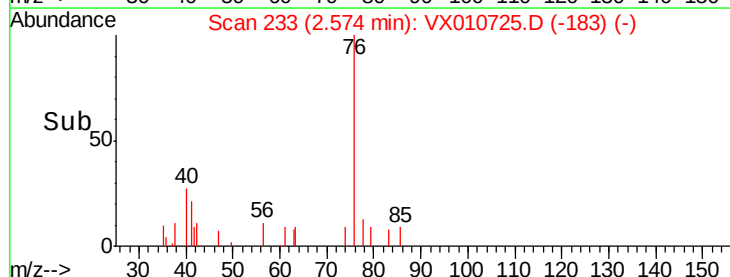


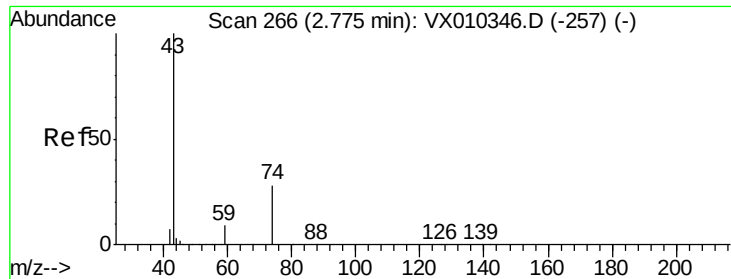
Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->

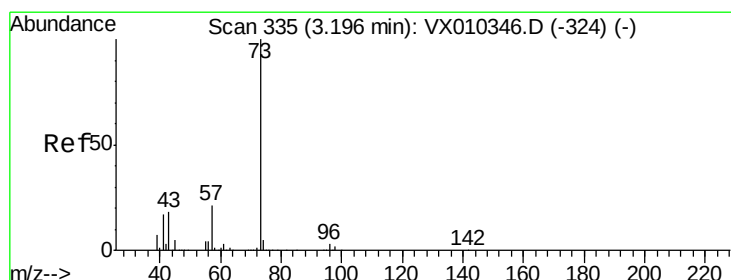
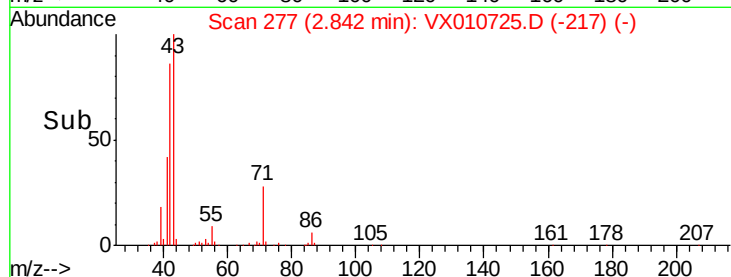
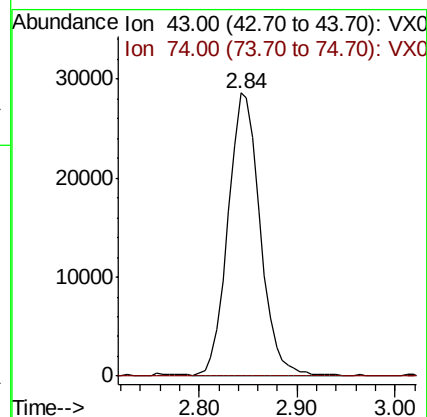
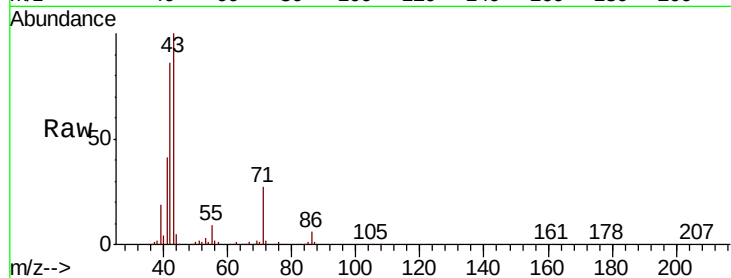




#18
Methyl Acetate
Concen: 30.199 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

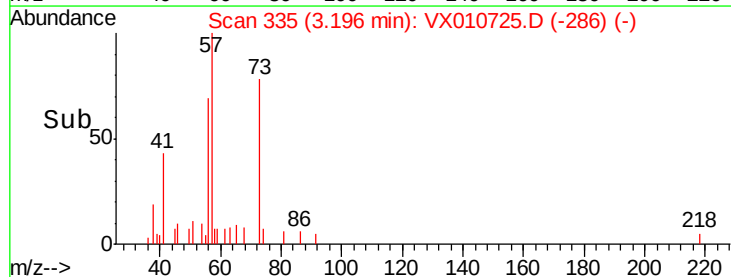
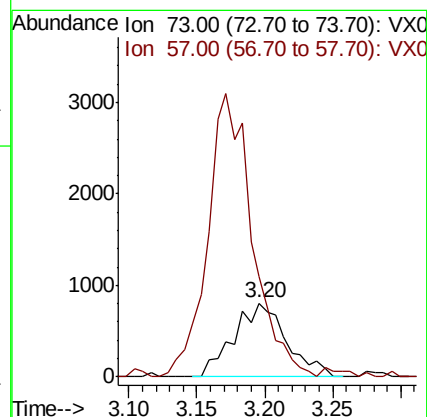
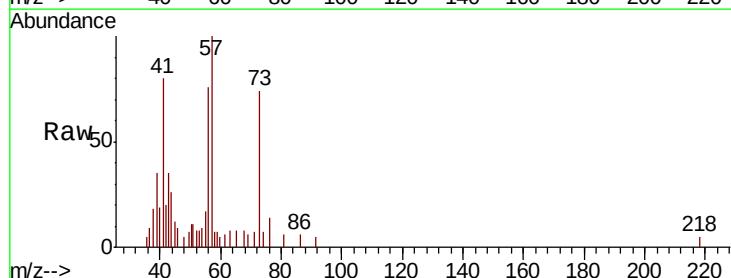
Instrument :
MSVOA_X
ClientSampleId :
SS038MW103-190703

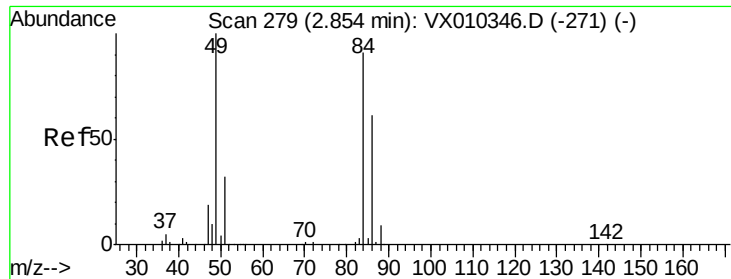
Tot Ion: 43 Resp: 65224
Ion Ratio Lower Upper
43 100
74 0.1 21.3 31.9#



#19
Methyl tert-butyl Ether
Concen: 0.348 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

Tgt Ion: 73 Resp: 2186
Ion Ratio Lower Upper
73 100
57 127.9 16.4 24.6#





#20

Methylene Chloride

Concen: 0.223 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

SS038MW103-190703

Tot Ion: 84 Resp: 497

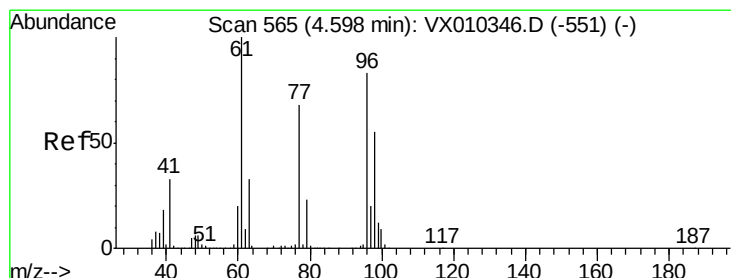
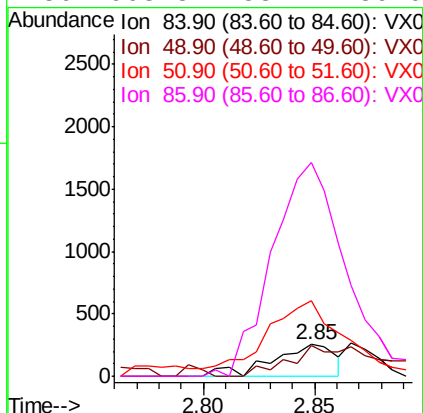
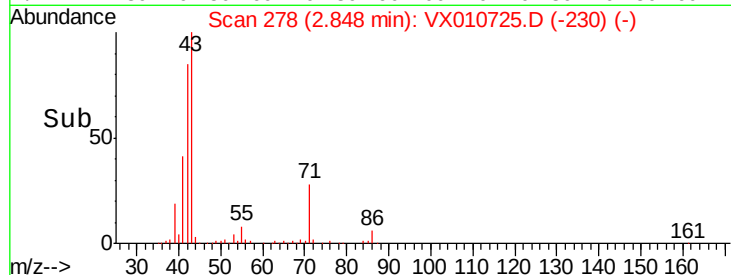
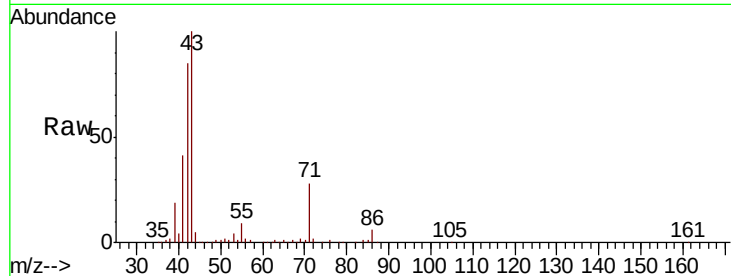
Ion Ratio Lower Upper

84 100

49 63.7 87.5 131.3#

51 180.1 27.7 41.5#

86 668.8 53.4 80.0#



#27

cis-1,2-Dichloroethene

Concen: 0.537 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

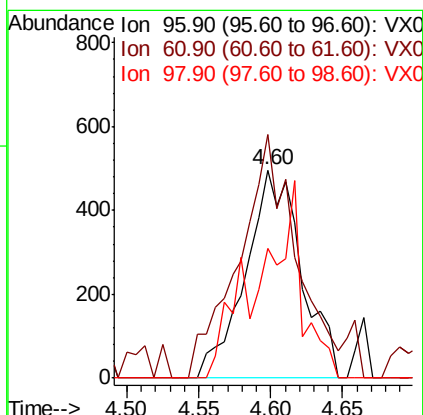
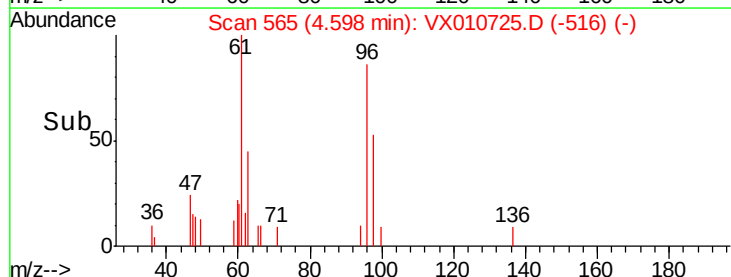
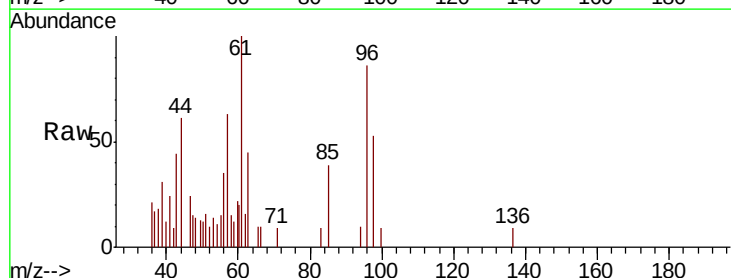
Tgt Ion: 96 Resp: 1334

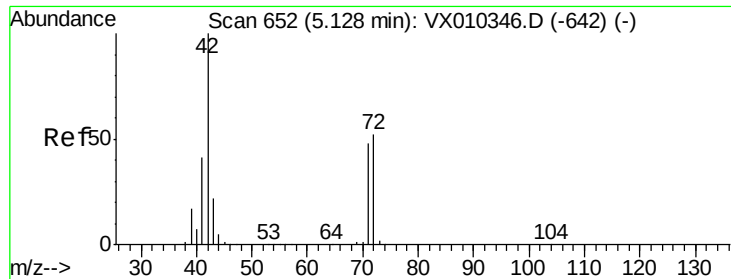
Ion Ratio Lower Upper

96 100

61 121.2 0.0 251.8

98 22.4 0.0 129.4

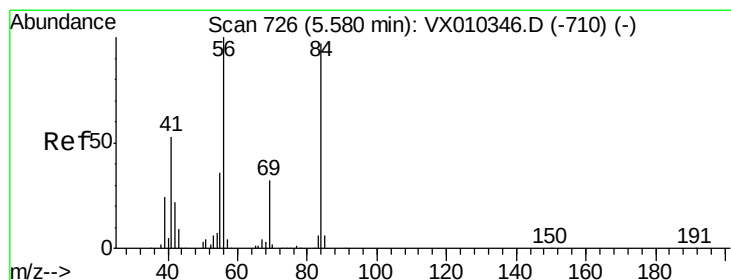
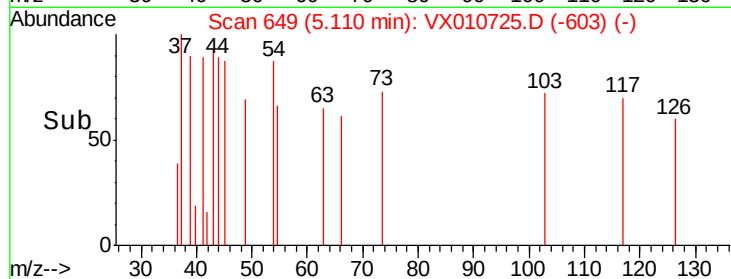
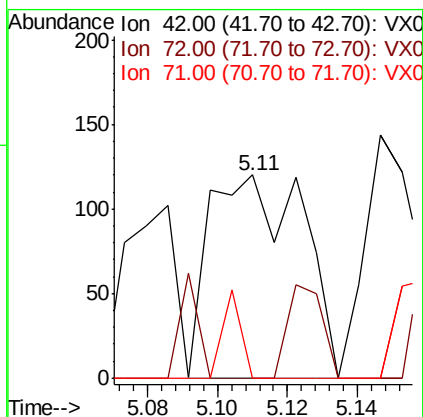
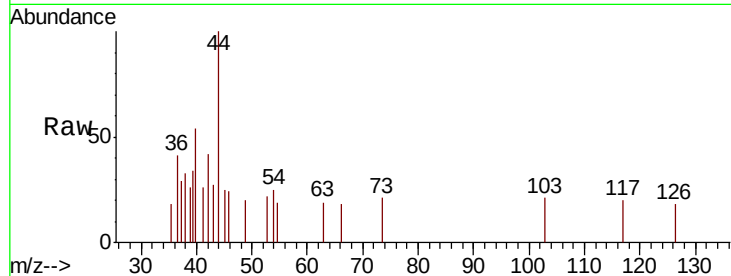




#29
Tetrahydrofuran
Concen: 0.228 ug/l
RT: 5.11 min Scan# 649
Delta R.T. -0.02 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

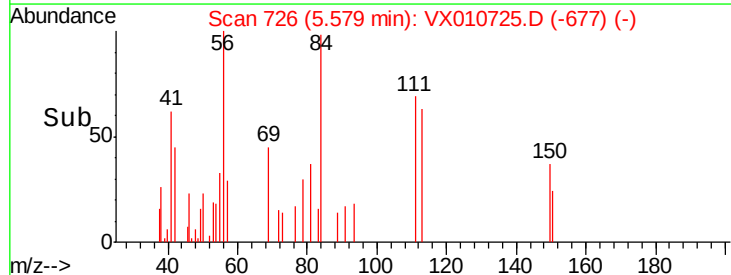
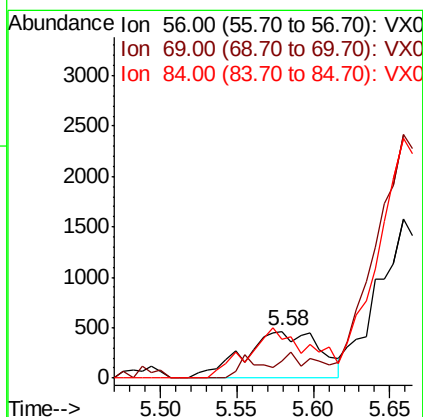
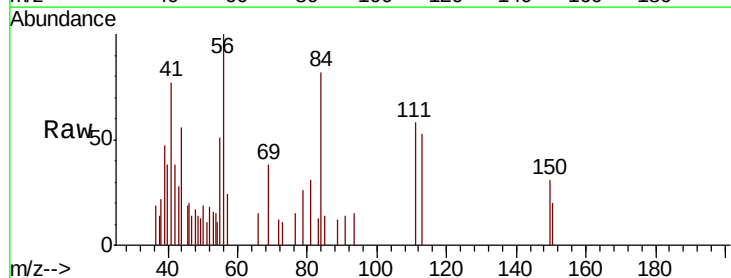
Instrument :
MSVOA_X
ClientSampleId :
SS038MW103-190703

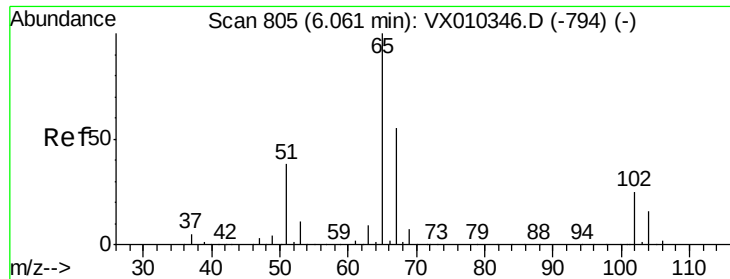
Tot Ion: 42 Resp: 224
Ion Ratio Lower Upper
42 100
72 17.0 40.6 60.8#
71 0.0 37.8 56.8#



#31
Cyclohexane
Concen: 0.512 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

Tgt Ion: 56 Resp: 1600
Ion Ratio Lower Upper
56 100
69 37.8 25.9 38.9
84 82.0 78.0 117.0

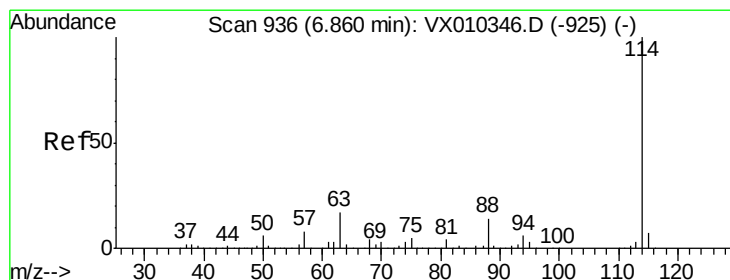
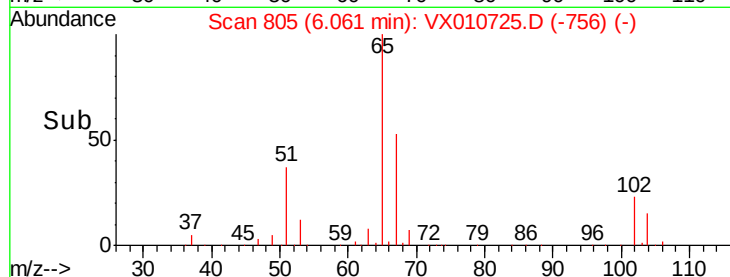
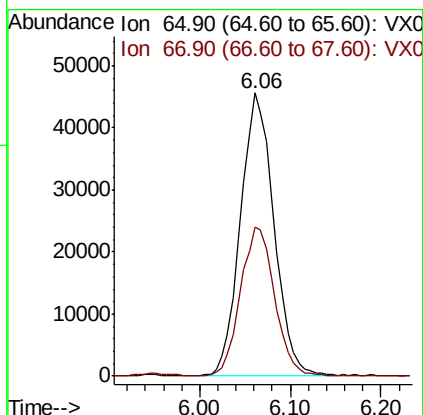
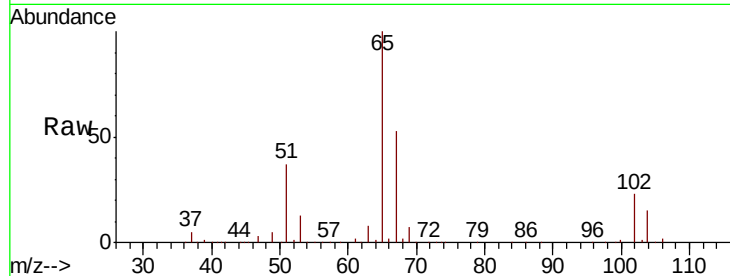




#33
 1,2-Dichloroethane-d4
 Concen: 54.118 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010725.D
 Acq: 09 Jul 2019 03:30

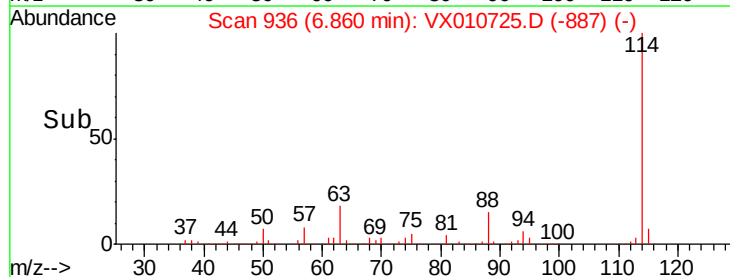
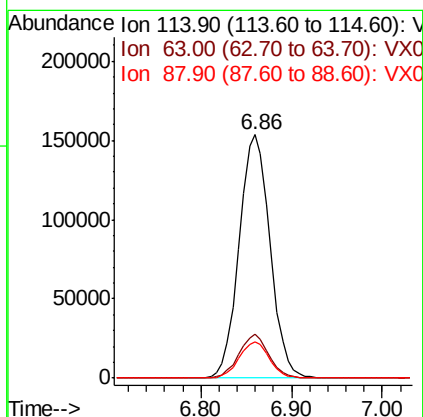
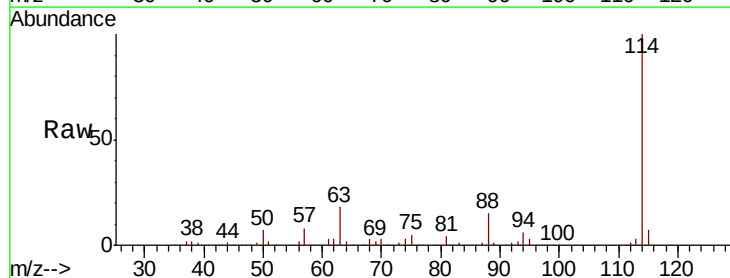
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW103-190703

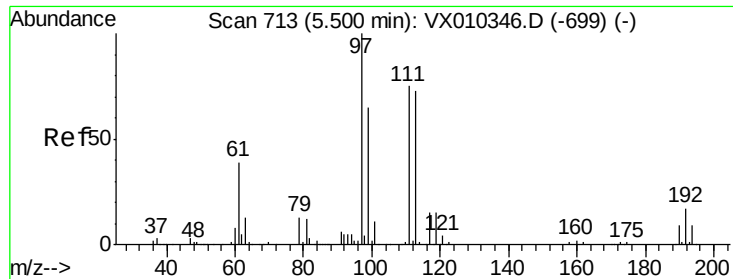
Tot Ion: 65 Resp: 117018
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010725.D
 Acq: 09 Jul 2019 03:30

Tgt Ion: 114 Resp: 362541
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 33.8
 88 14.9 0.0 27.6

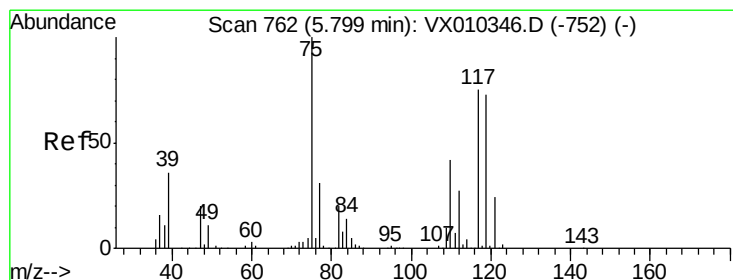
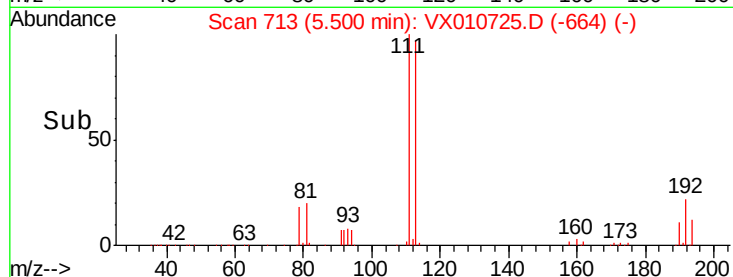
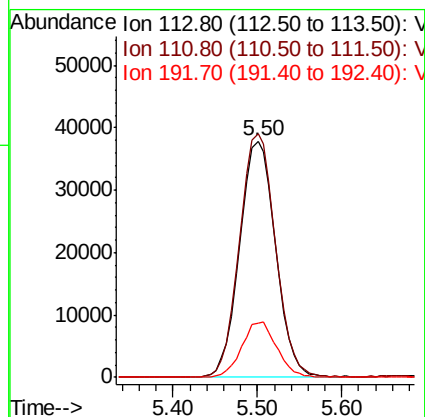
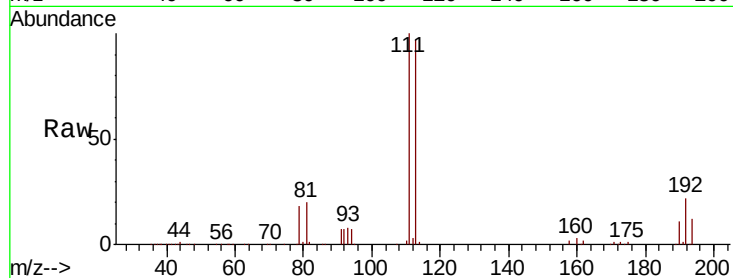




#35
 Dibromofluoromethane
 Concen: 49.342 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010725.D
 Acq: 09 Jul 2019 03:30

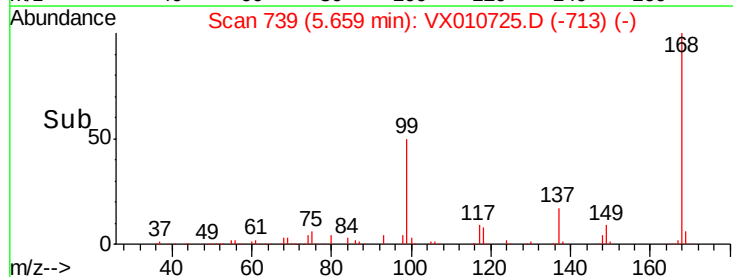
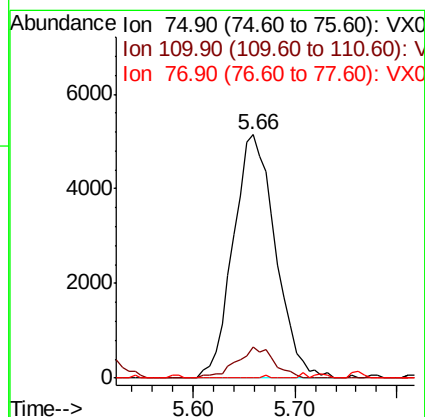
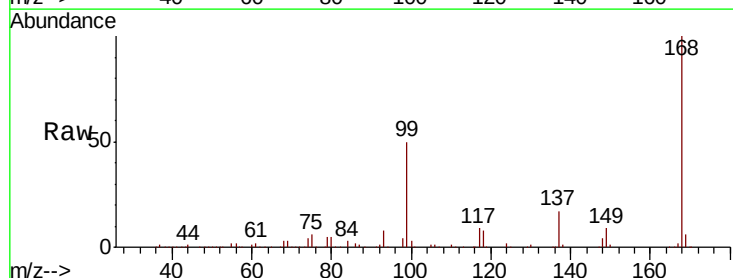
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW103-190703

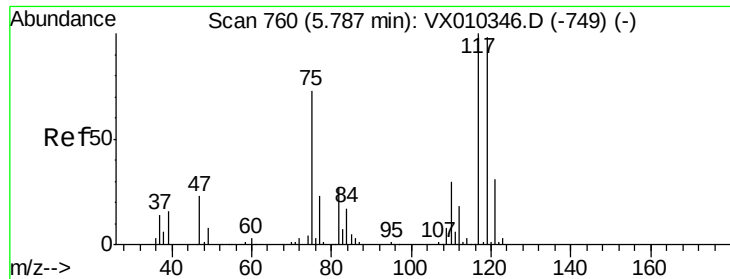
Tot Ion:113 Resp: 109449
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.2 121.8
 192 22.8 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.133 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010725.D
 Acq: 09 Jul 2019 03:30

Tgt Ion: 75 Resp: 14788
 Ion Ratio Lower Upper
 75 100
 110 11.4 20.8 62.2#
 77 0.2 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.615 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

SS038MW103-190703

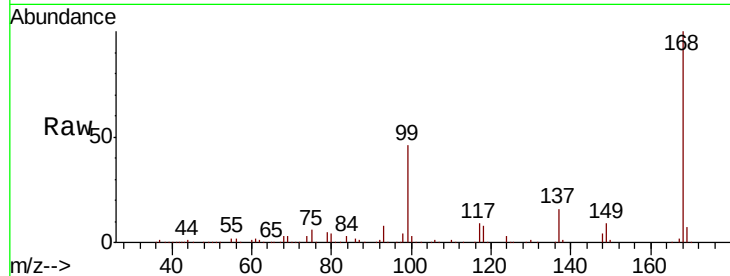
Tot Ion:117 Resp: 20637

Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.4#

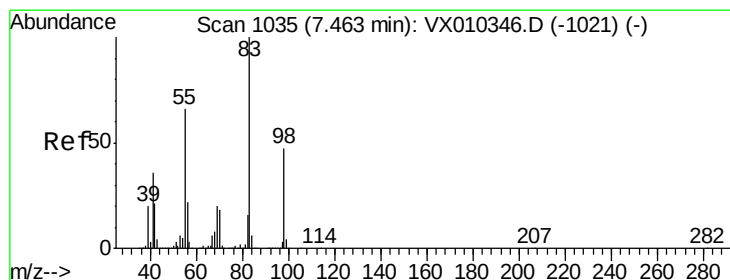
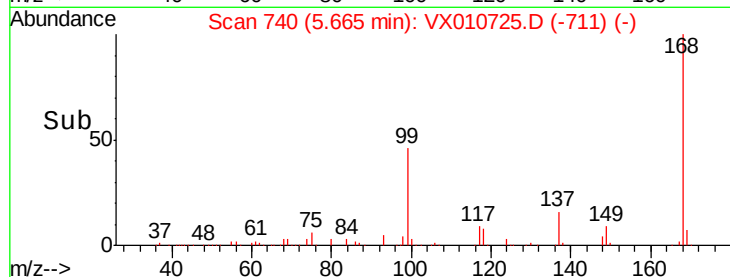
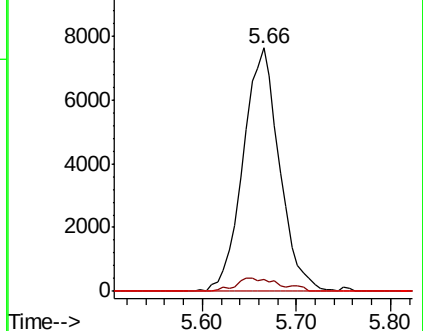
121 0.0 24.7 37.1#



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: 2.428 ug/l

RT: 7.44 min Scan# 1032

Delta R.T. -0.02 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

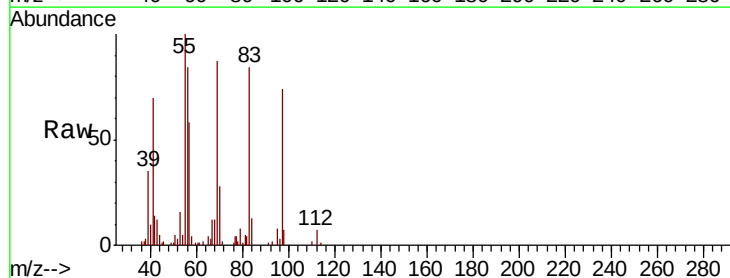
Tgt Ion: 83 Resp: 9196

Ion Ratio Lower Upper

83 100

55 117.5 53.0 79.6#

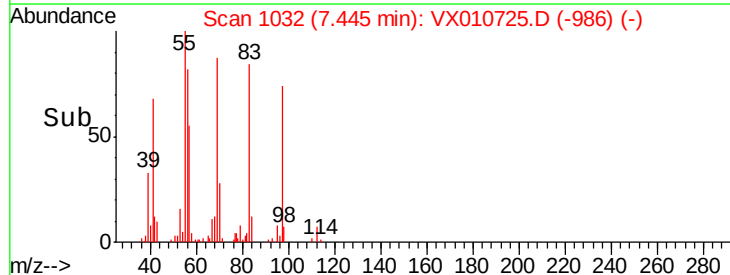
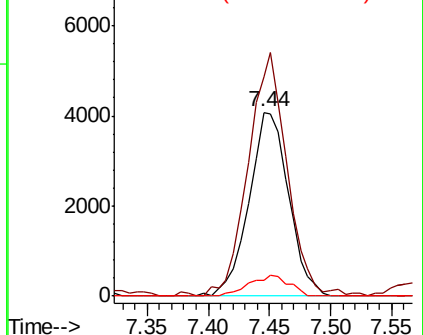
98 8.4 37.8 56.8#

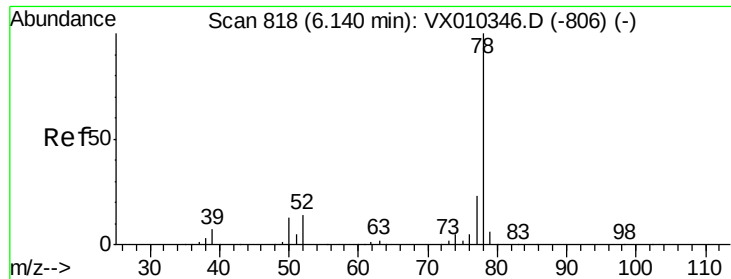


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.458 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

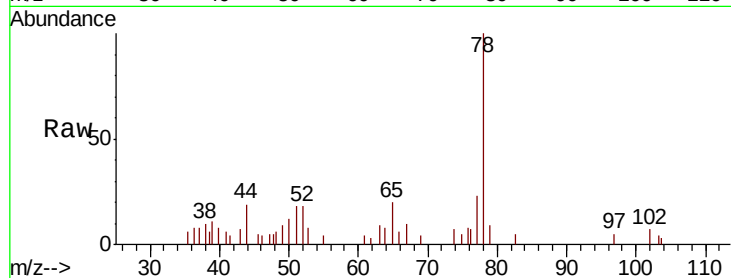
SS038MW103-190703

Tot Ion: 78 Resp: 4115

Ion Ratio Lower Upper

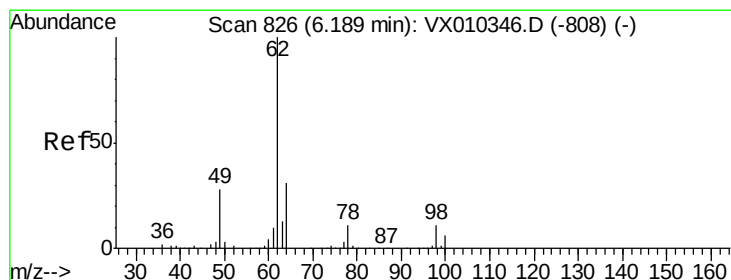
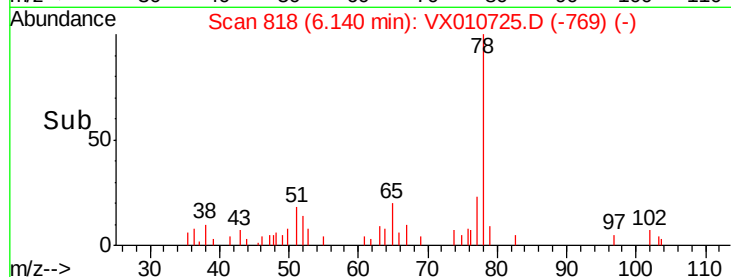
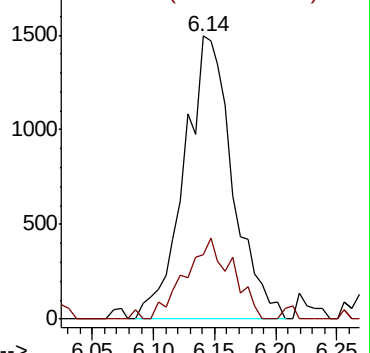
78 100

77 19.5 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.223 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010725.D

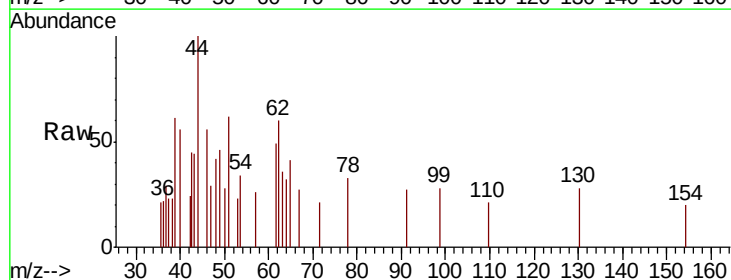
Acq: 09 Jul 2019 03:30

Tgt Ion: 62 Resp: 609

Ion Ratio Lower Upper

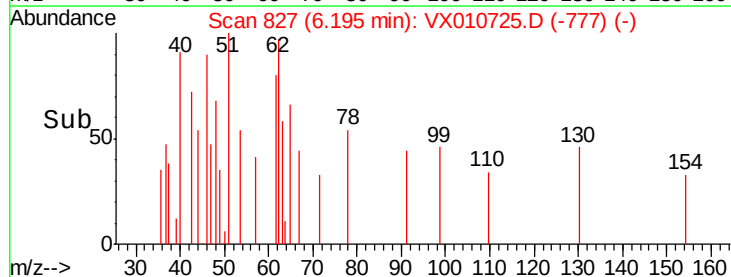
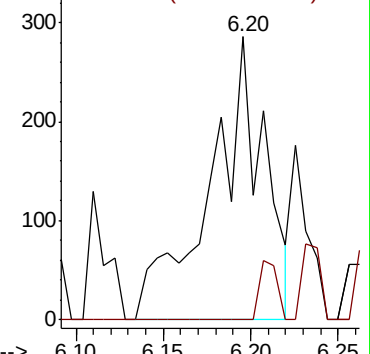
62 100

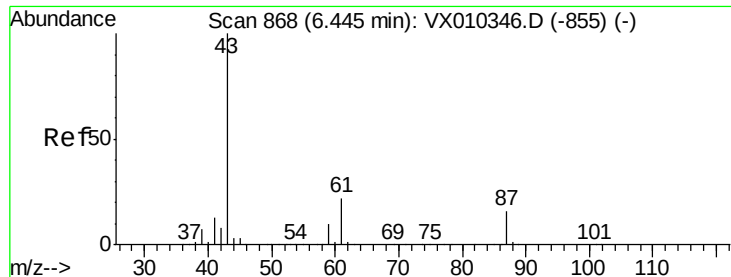
98 6.7 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 6.425 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.10 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

SS038MW103-190703

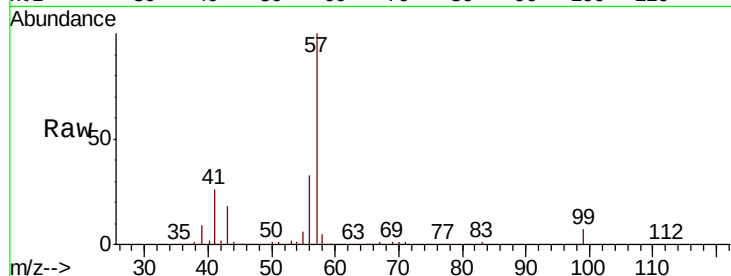
Tot Ion: 43 Resp: 31504

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

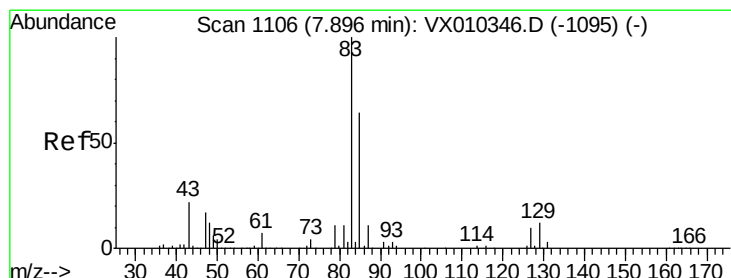
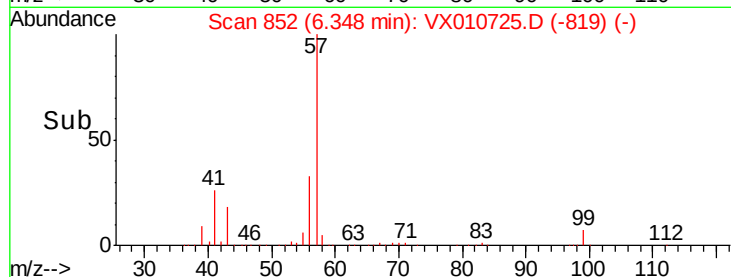
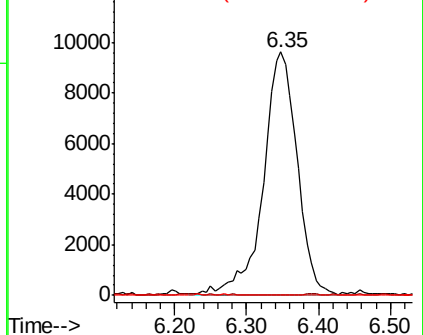
87 0.0 13.0 19.4#



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



#47

Bromodichloromethane

Concen: 0.428 ug/l

RT: 7.85 min Scan# 1099

Delta R.T. -0.04 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

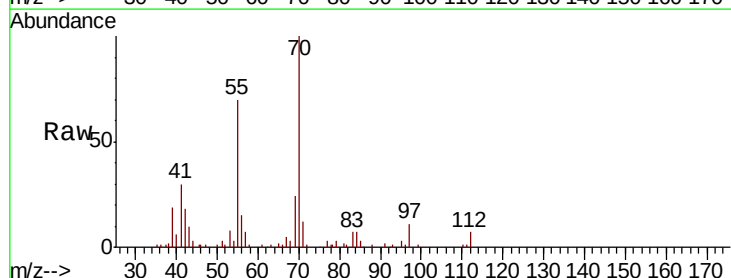
Tgt Ion: 83 Resp: 1277

Ion Ratio Lower Upper

83 100

85 49.0 51.5 77.3#

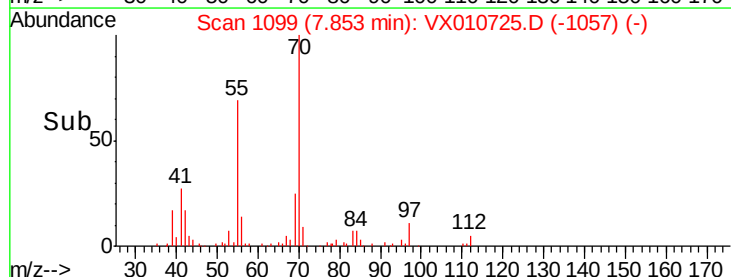
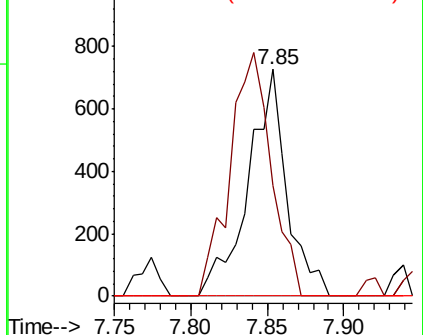
127 0.0 7.8 11.8#

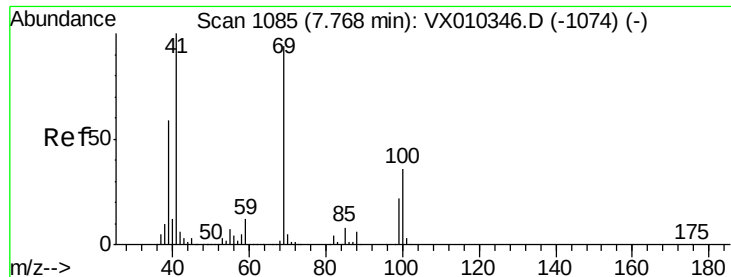


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

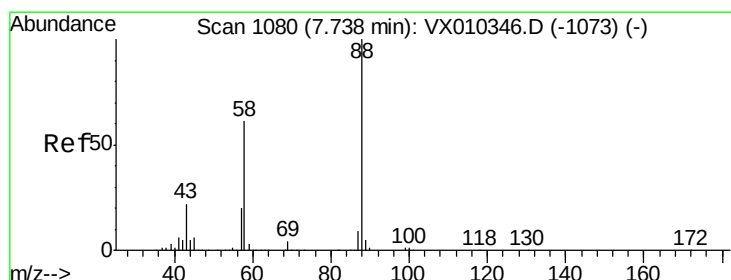
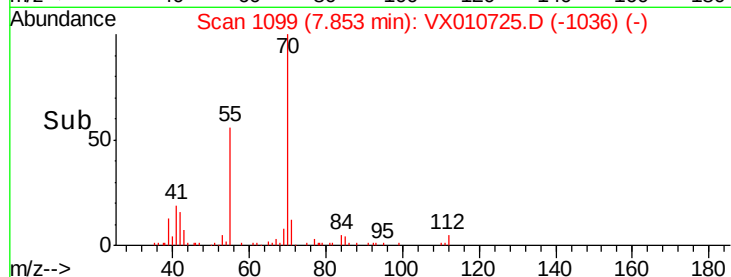
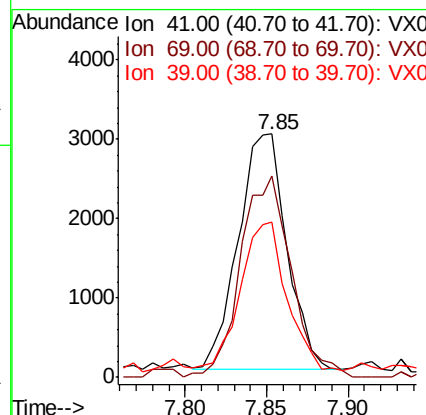
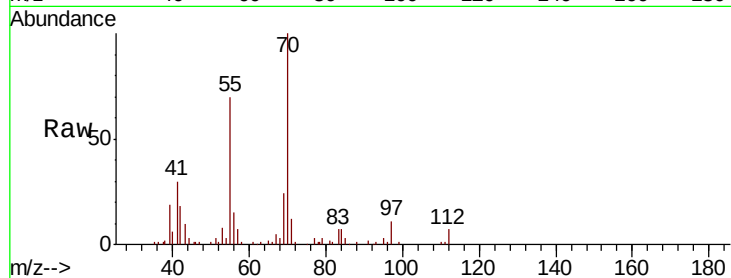




#48
Methvl methacrylate
Concen: 2.688 ug/l
RT: 7.85 min Scan# 1099
Delta R.T. 0.09 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

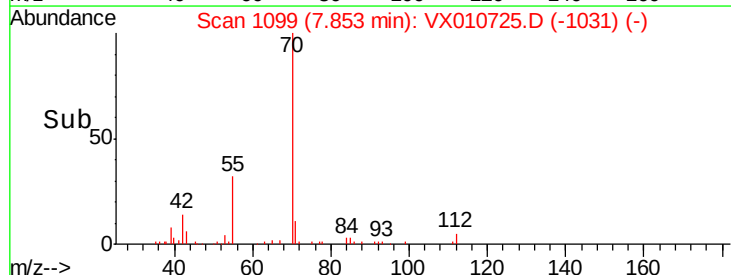
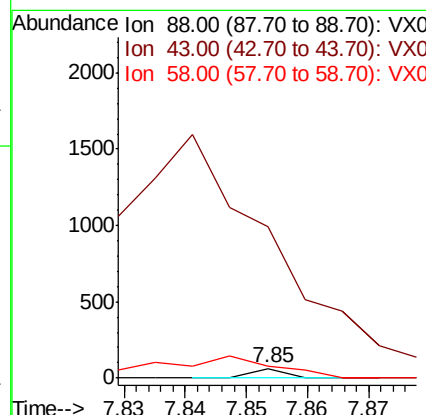
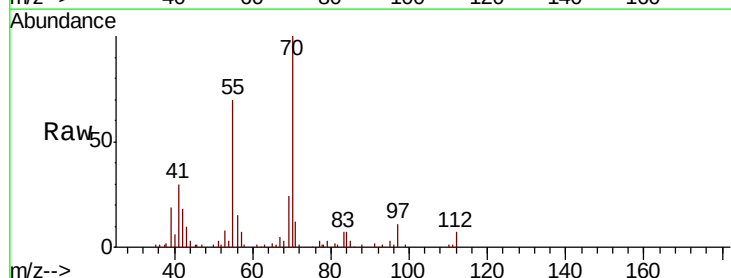
Instrument :
MSVOA_X
ClientSampleId :
SS038MW103-190703

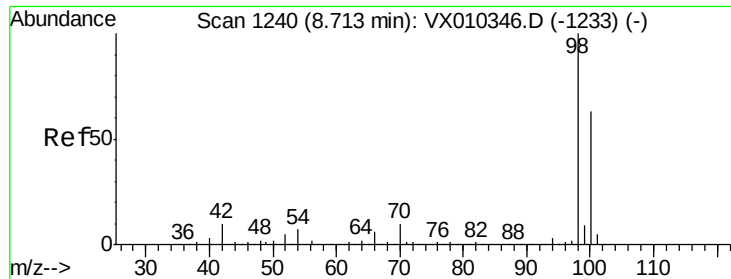
Tot Ion: 41 Resp: 6127
Ion Ratio Lower Upper
41 100
69 89.5 76.1 114.1
39 60.0 47.6 71.4



#49
1,4-Dioxane
Concen: 0.350 ug/l
RT: 7.85 min Scan# 1099
Delta R.T. 0.12 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 12926.1 20.2 30.2#
58 826.1 49.5 74.3#

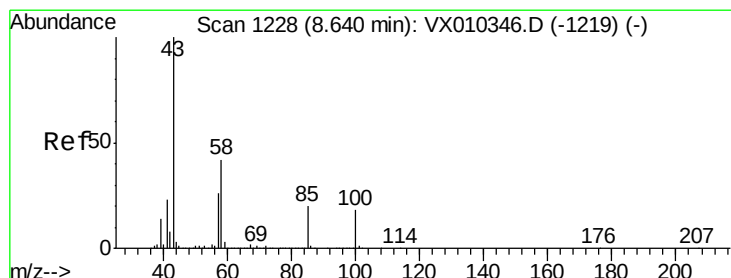
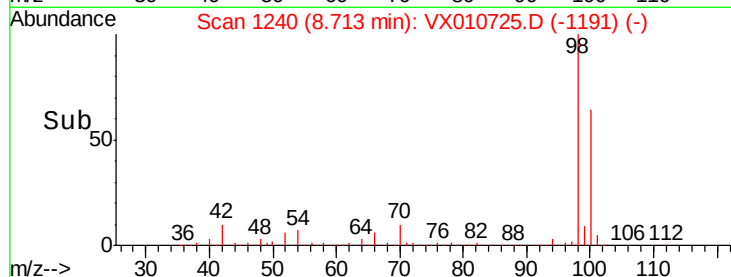
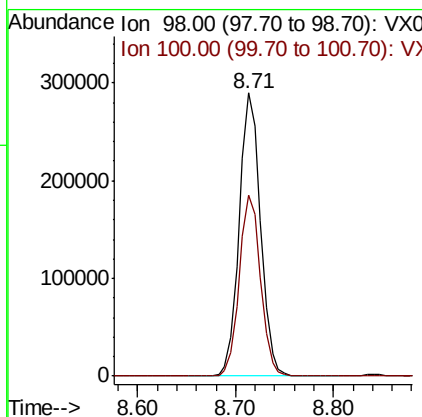
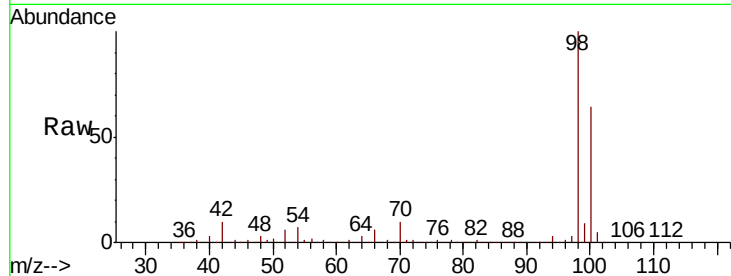




#50
Toluene-d8
Concen: 51.718 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

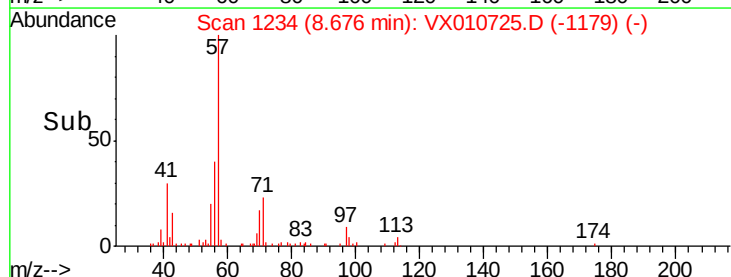
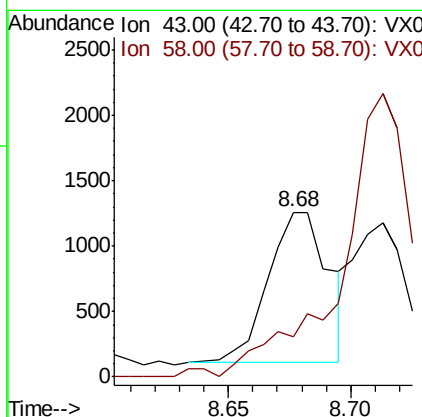
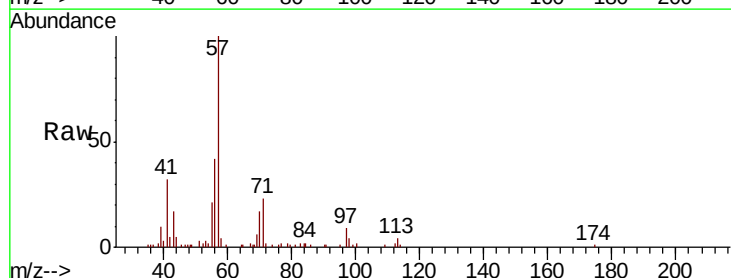
Instrument :
MSVOA_X
ClientSampleId :
SS038MW103-190703

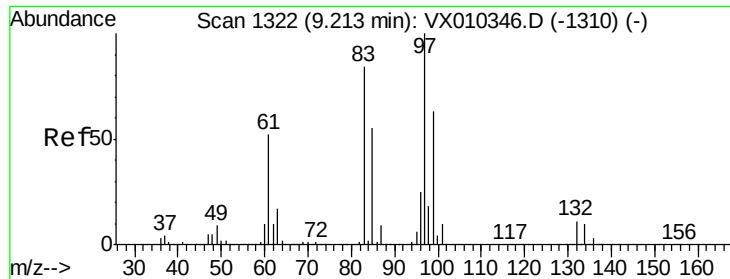
Tot Ion: 98 Resp: 438894
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.634 ug/l
RT: 8.68 min Scan# 1234
Delta R.T. 0.04 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

Tgt Ion: 43 Resp: 1987
Ion Ratio Lower Upper
43 100
58 0.0 33.5 50.3#

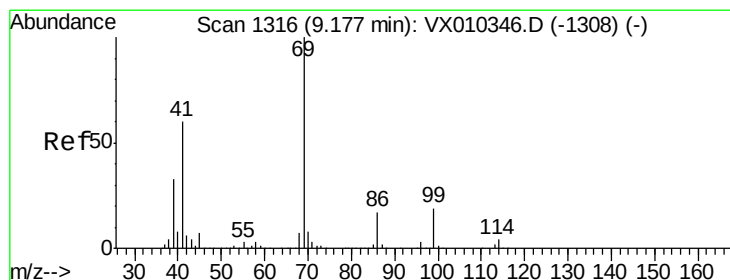
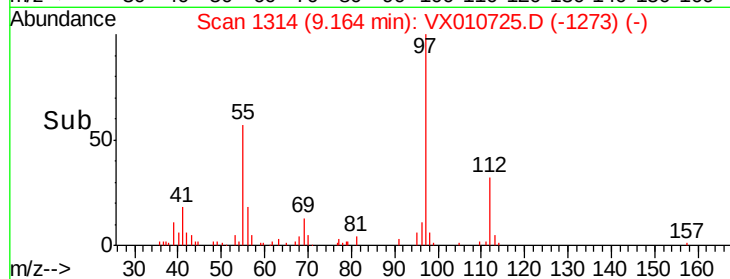
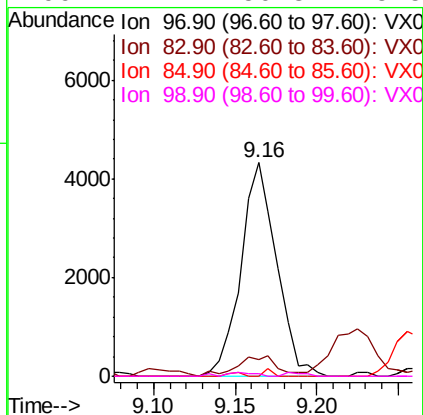
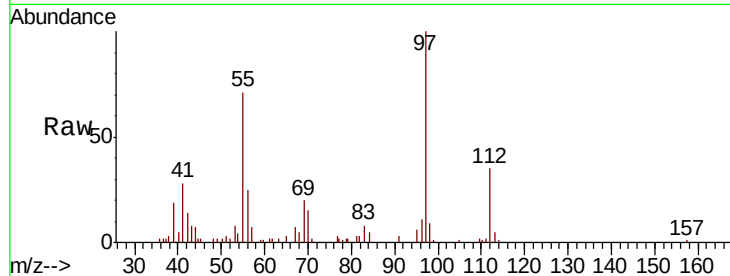




#55
 1,1,2-Trichloroethane
 Concen: 2.707 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010725.D
 Acq: 09 Jul 2019 03:30

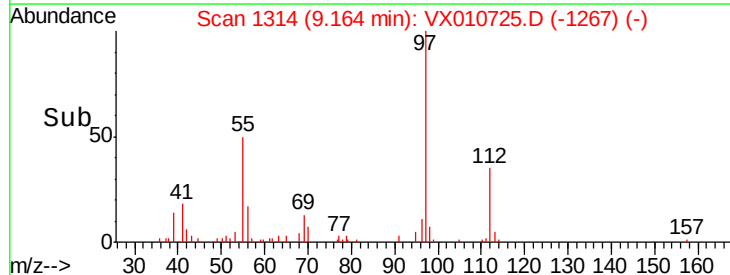
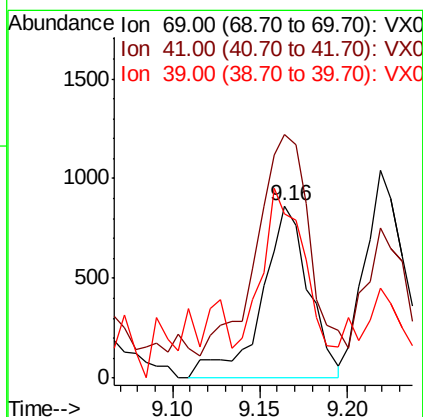
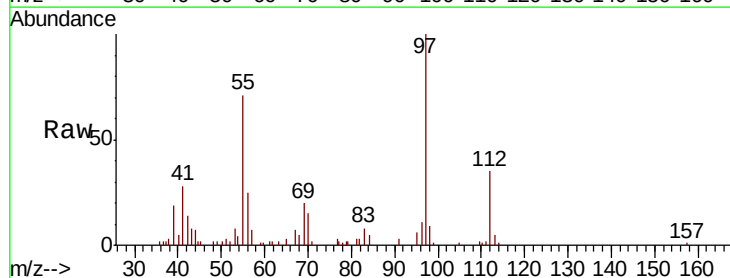
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW103-190703

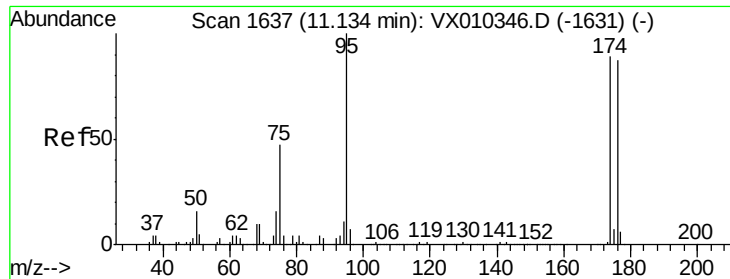
Tot Ion	Ratio	Lower	Upper
97	100		
83	6.6	67.4	101.0#
85	0.0	43.8	65.8#
99	1.4	50.3	75.5#



#56
 Ethyl methacrylate
 Concen: 0.437 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX010725.D
 Acq: 09 Jul 2019 03:30

Tgt Ion	Ratio	Lower	Upper
69	100		
41	147.7	47.1	70.7#
39	77.5	26.6	40.0#





#62

4-Bromofluorobenzene

Concen: 49.921 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

SS038MW103-190703

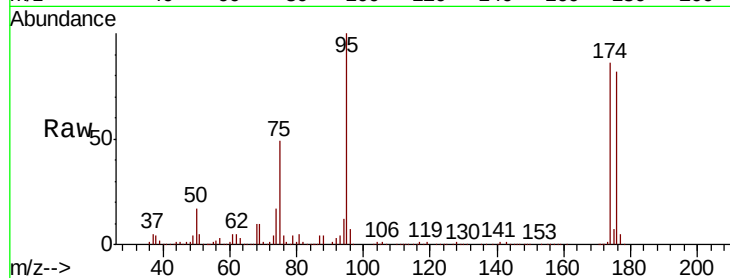
Tot Ion: 95 Resp: 152946

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.6

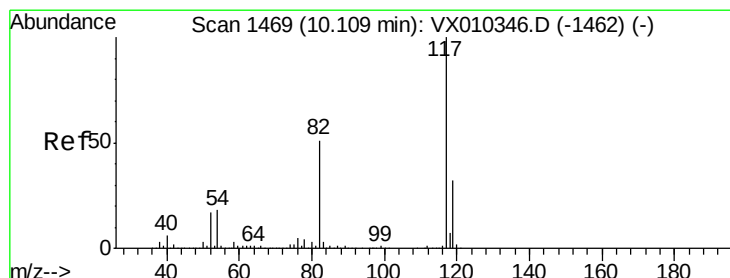
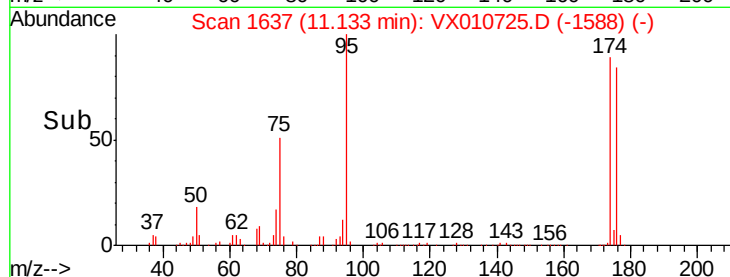
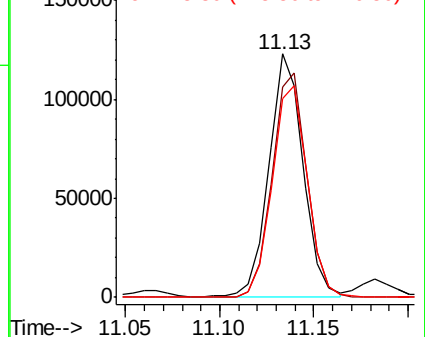
176 90.7 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

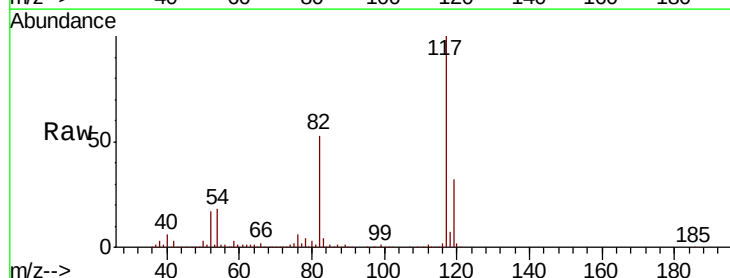
Tgt Ion: 117 Resp: 337733

Ion Ratio Lower Upper

117 100

82 52.6 41.2 61.8

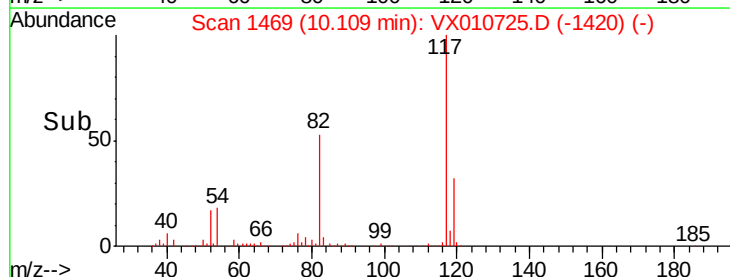
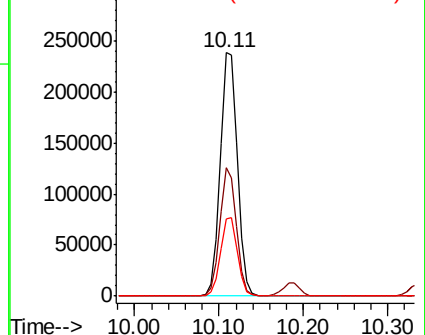
119 31.9 25.5 38.3

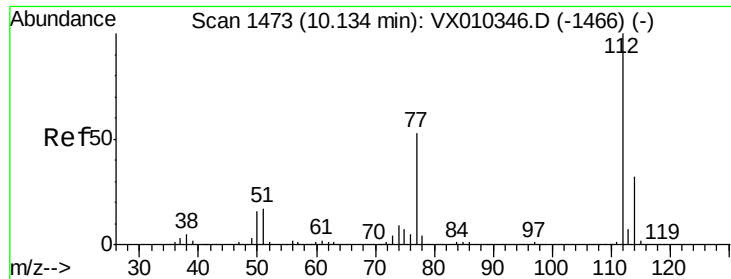


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#65

Chlorobenzene

Concen: 78.004 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

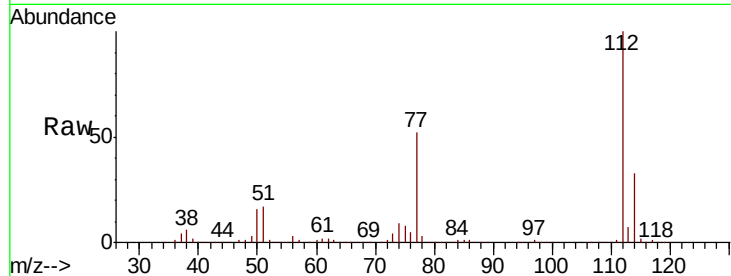
SS038MW103-190703

Tot Ion:112 Resp: 534841

Ion Ratio Lower Upper

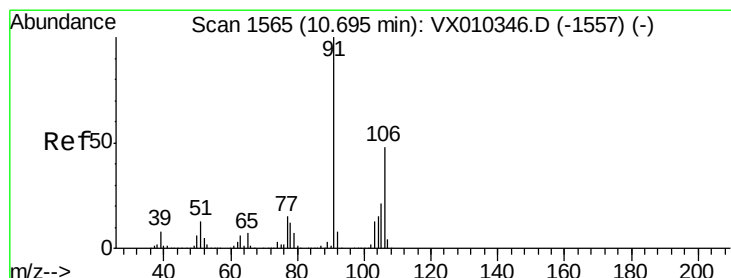
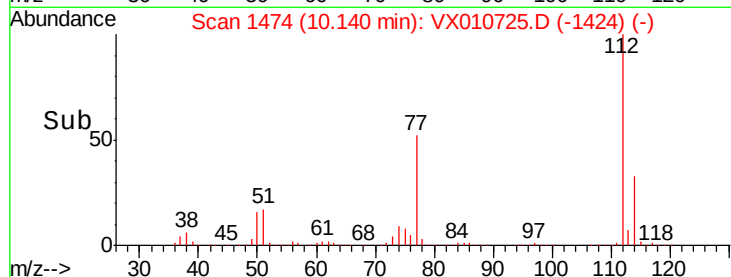
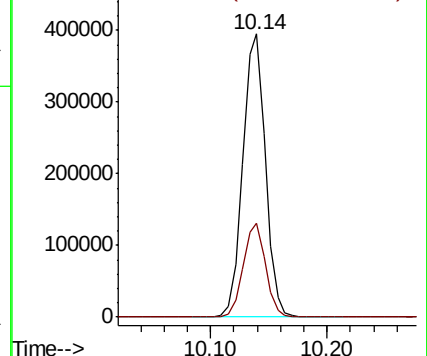
112 100

114 33.1 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#69

o-Xylene

Concen: 0.335 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX010725.D

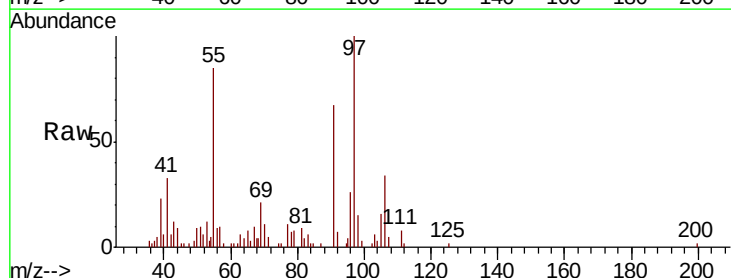
Acq: 09 Jul 2019 03:30

Tgt Ion:106 Resp: 1479

Ion Ratio Lower Upper

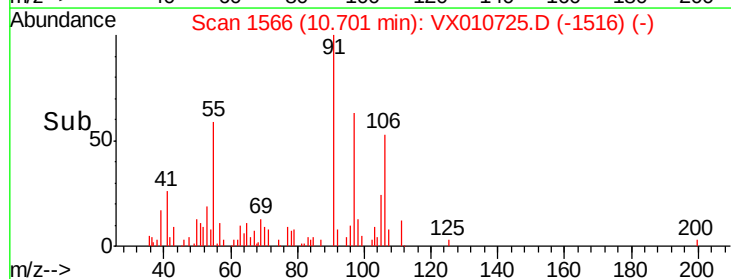
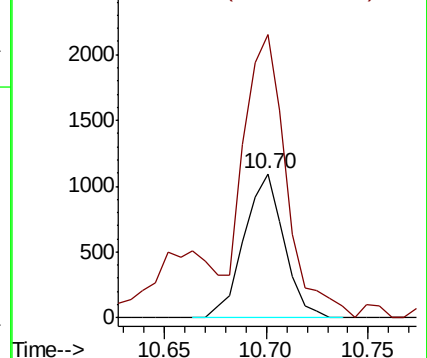
106 100

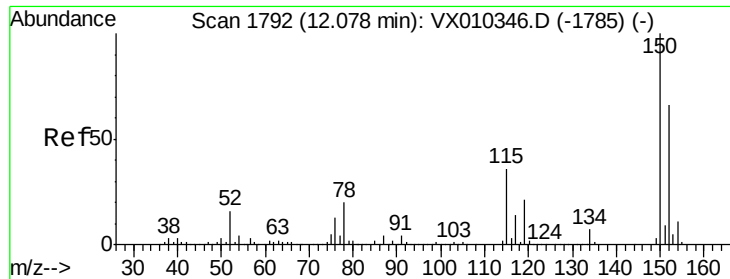
91 213.3 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



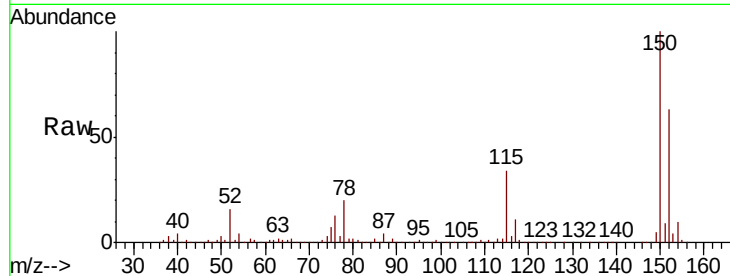


#72

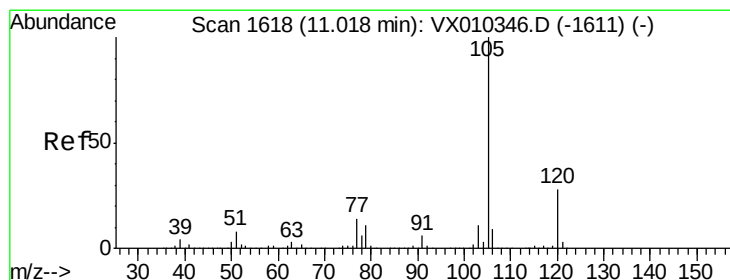
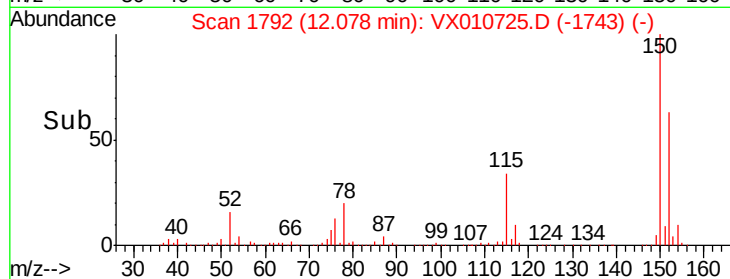
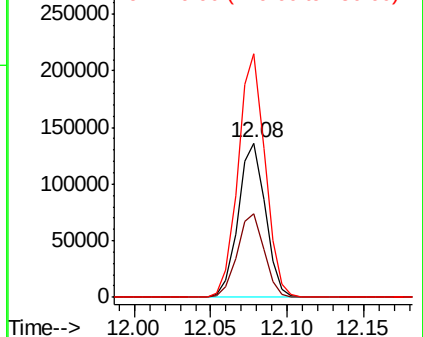
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

Instrument :
MSVOA_X
ClientSampleId :
SS038MW103-190703

Tot Ion:152 Resp: 167288
Ion Ratio Lower Upper
152 100
115 54.6 38.6 115.7
150 156.8 0.0 347.4



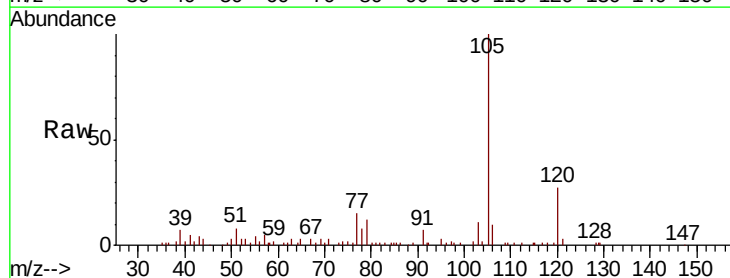
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



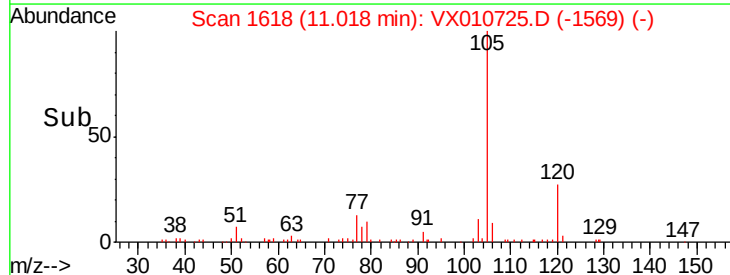
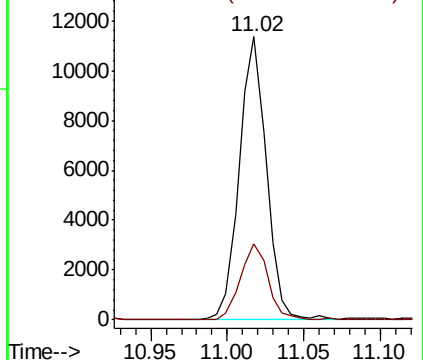
#73

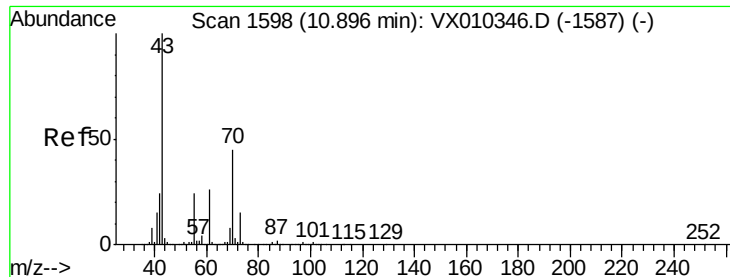
Isopropylbenzene
Concen: 1.231 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

Tgt Ion:105 Resp: 13956
Ion Ratio Lower Upper
105 100
120 27.5 14.1 42.4



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





#74

N-amvl acetate

Concen: 0.523 ug/l

RT: 10.93 min Scan# 1604

Delta R.T. 0.04 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

SS038MW103-190703

Tot Ion: 43 Resp: 2241

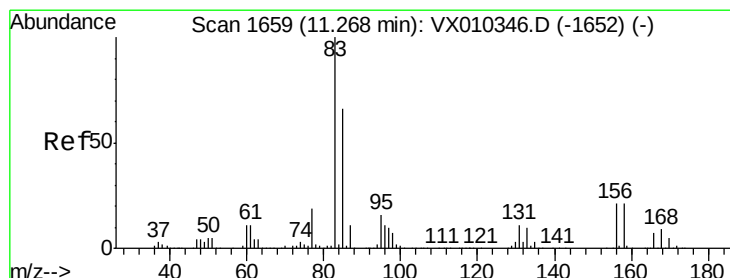
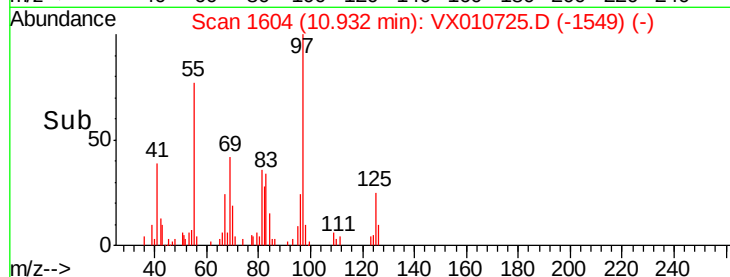
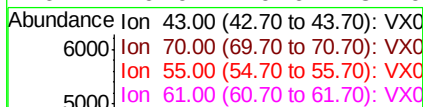
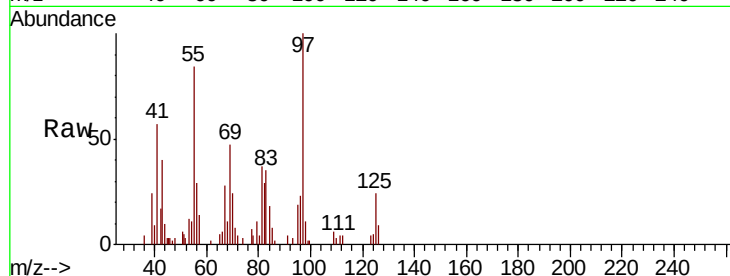
Ion Ratio Lower Upper

43 100

70 70.2 36.6 54.8#

55 0.0 18.7 28.1#

61 0.0 20.6 31.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.657 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

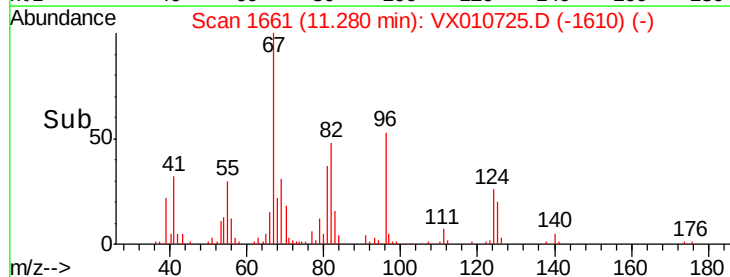
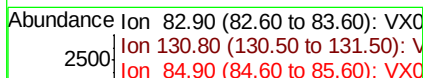
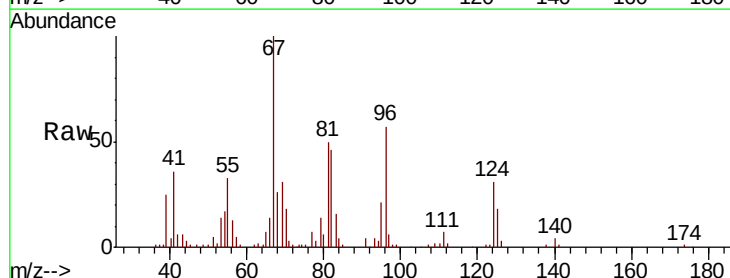
Tgt Ion: 83 Resp: 2466

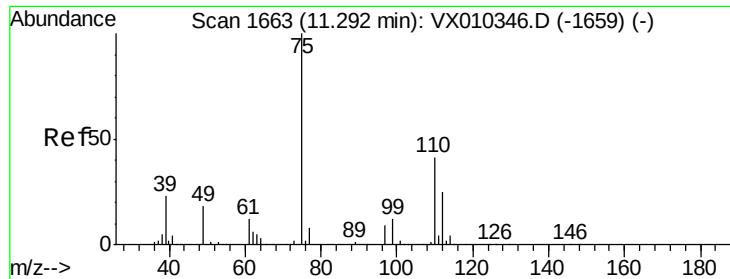
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 12.9 32.3 96.8#

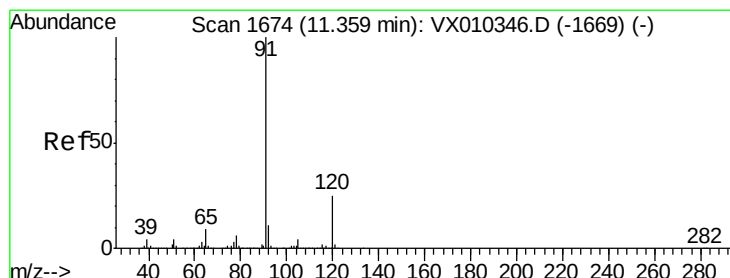
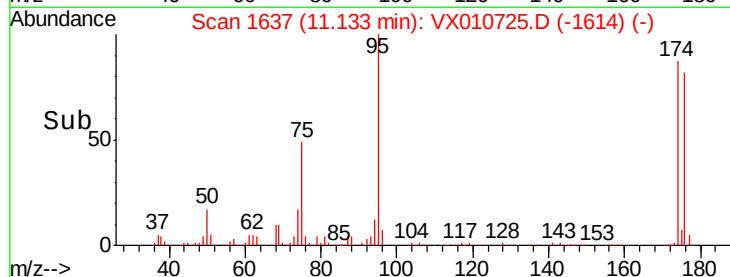
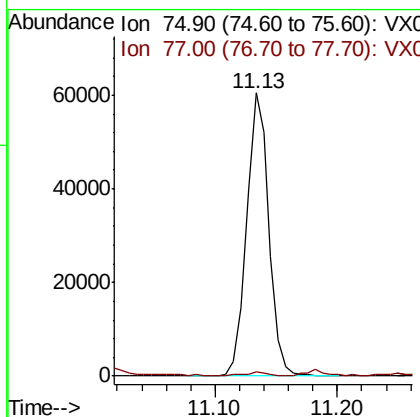
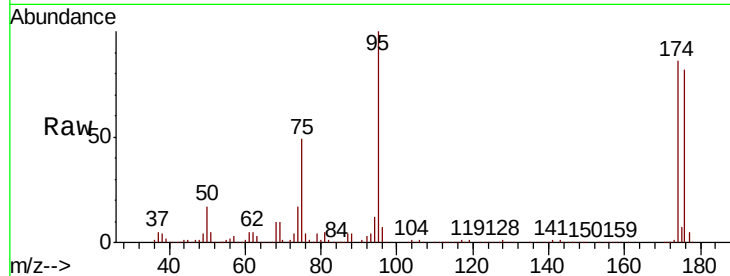




#76
1,2,3-Trichloropropane
Concen: 24.889 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

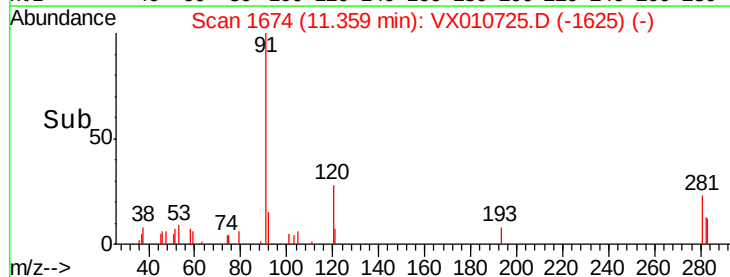
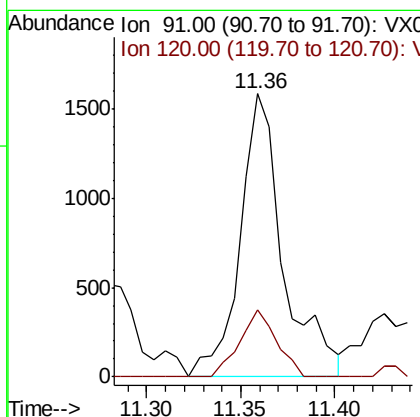
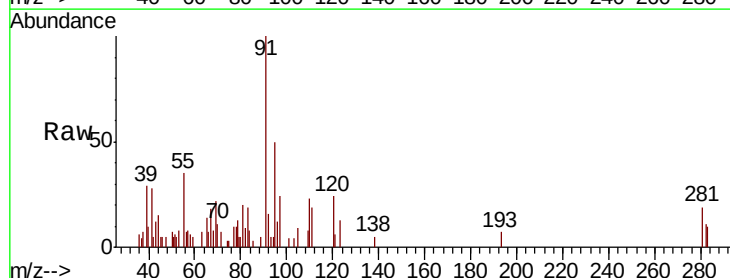
Instrument :
MSVOA_X
ClientSampleId :
SS038MW103-190703

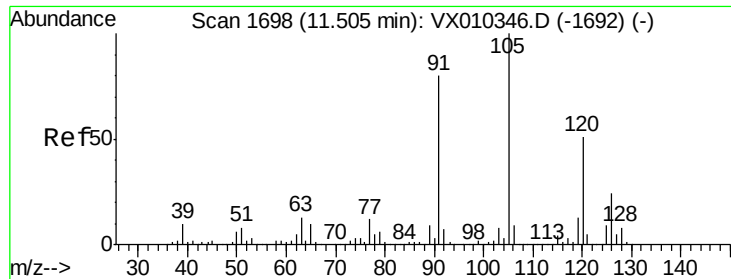
Tot Ion: 75 Resp: 75871
Ion Ratio Lower Upper
75 100
77 1.3 22.6 67.8#



#78
n-propylbenzene
Concen: 0.202 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

Tgt Ion: 91 Resp: 2519
Ion Ratio Lower Upper
91 100
120 20.1 12.4 37.4

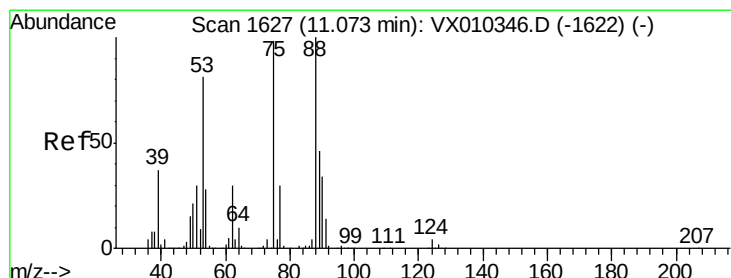
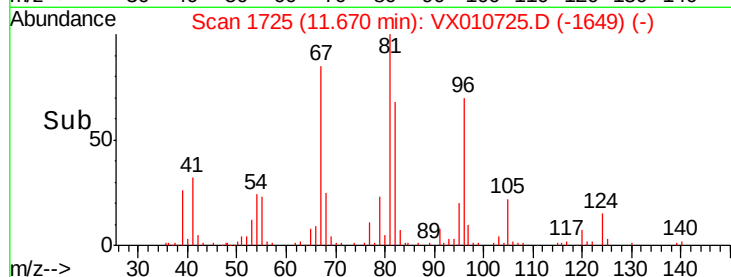
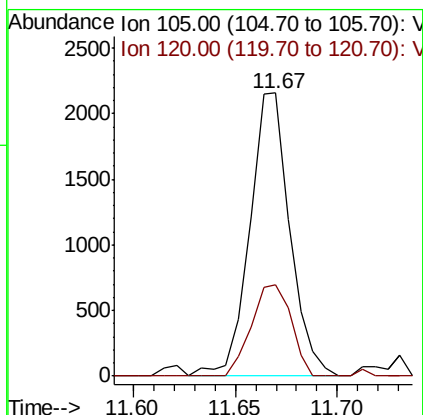
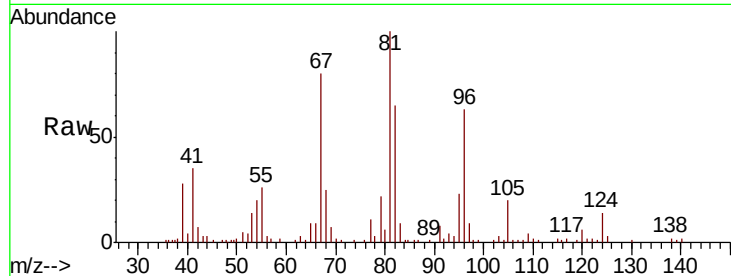




#80
 1,3,5-Trimethylbenzene
 Concen: 0.316 ug/l
 RT: 11.67 min Scan# 1725
 Delta R.T. 0.16 min
 Lab File: VX010725.D
 Acq: 09 Jul 2019 03:30

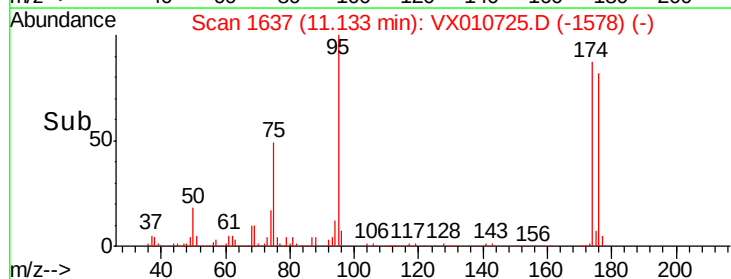
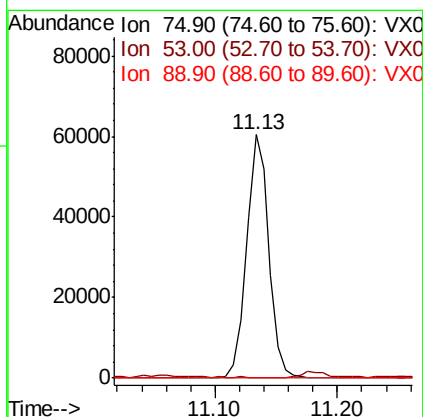
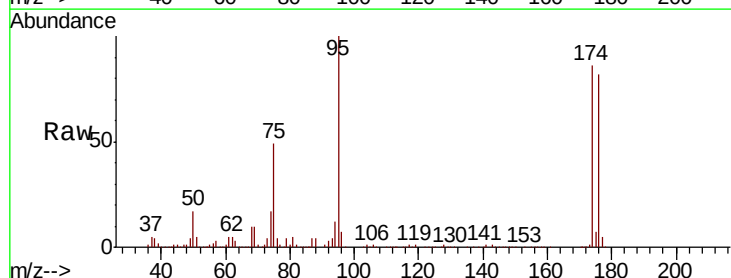
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW103-190703

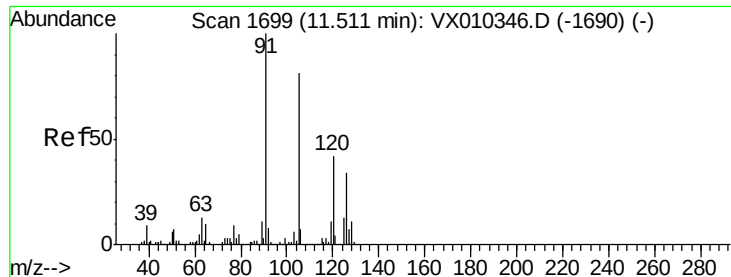
Tot Ion:105 Resp: 2957
 Ion Ratio Lower Upper
 105 100
 120 31.9 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.062 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010725.D
 Acq: 09 Jul 2019 03:30

Tgt Ion: 75 Resp: 75871
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.1 99.1#
 89 0.0 37.8 56.6#





#82

4-Chlorotoluene

Concen: 0.298 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

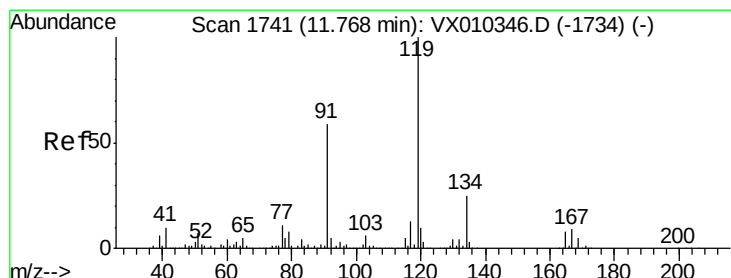
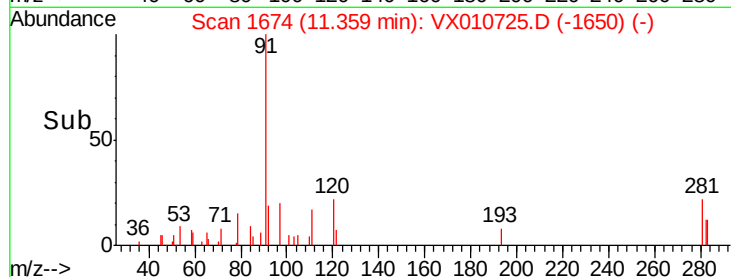
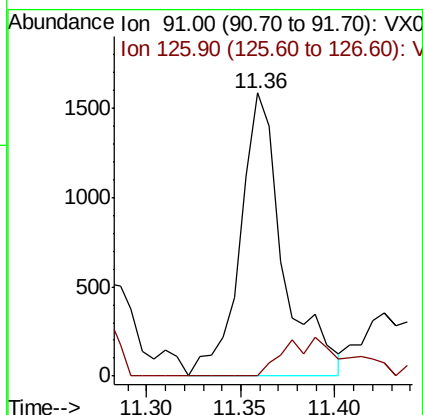
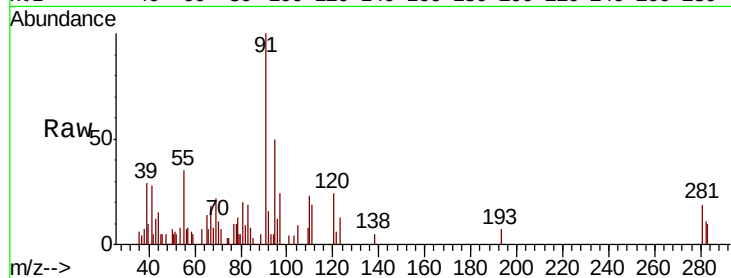
SS038MW103-190703

Tot Ion: 91 Resp: 2519

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#83

tert-Butylbenzene

Concen: 7.291 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

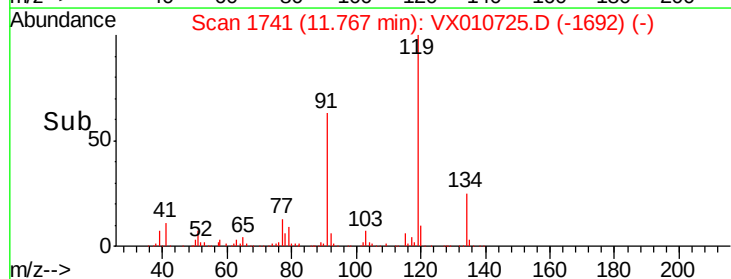
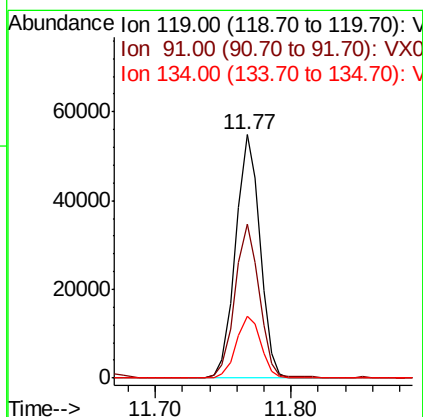
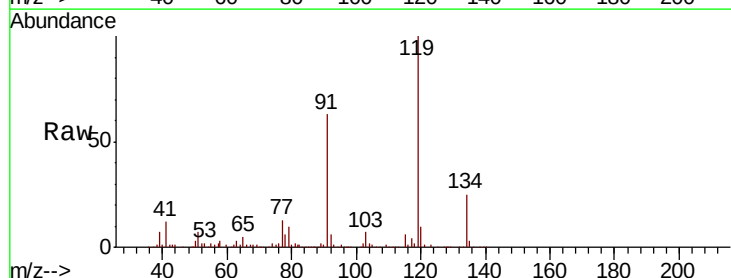
Tgt Ion: 119 Resp: 68409

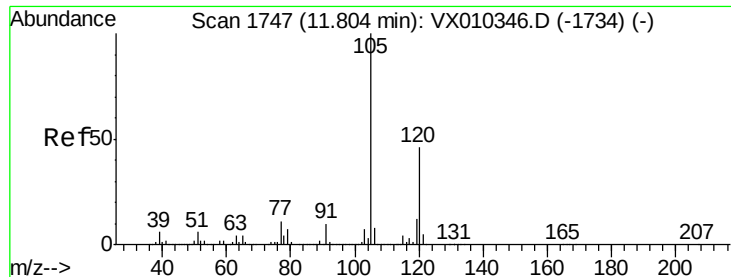
Ion Ratio Lower Upper

119 100

91 63.4 27.6 82.7

134 25.8 11.8 35.4

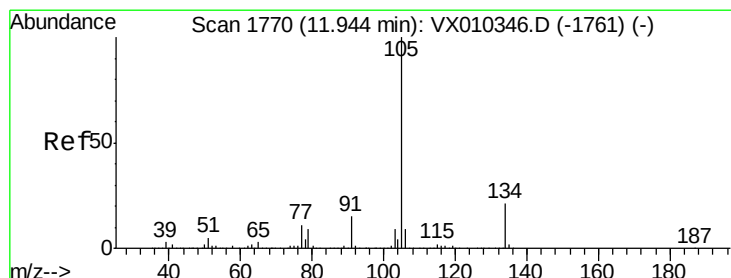
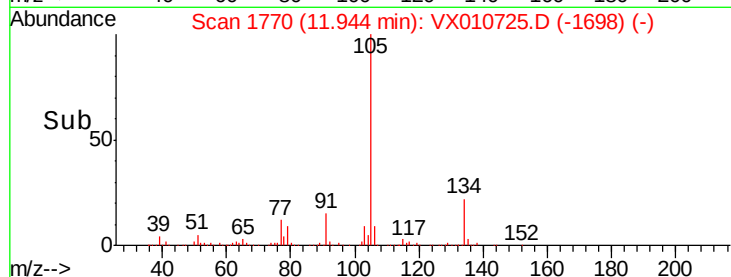
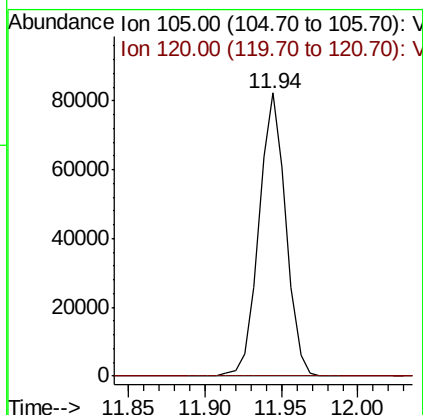
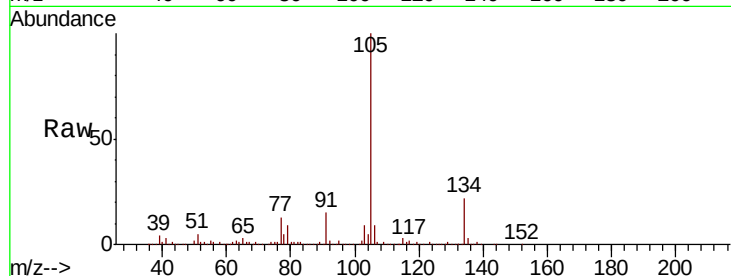




#84
1,2,4-Trimethylbenzene
Concen: 10.731 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.14 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

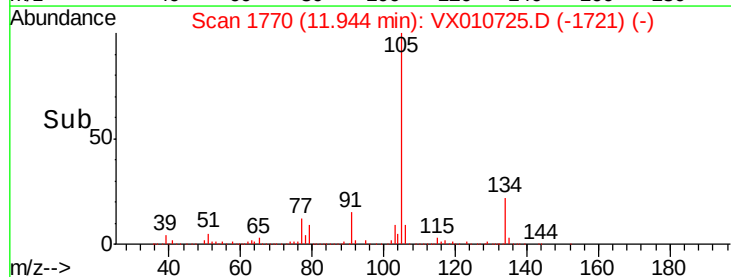
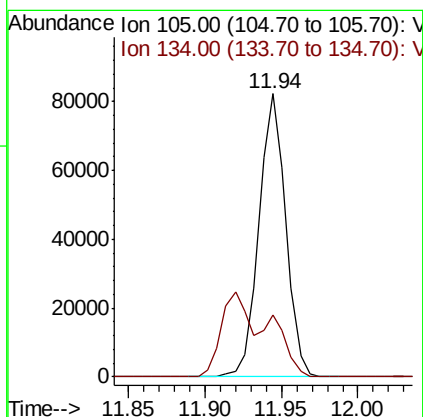
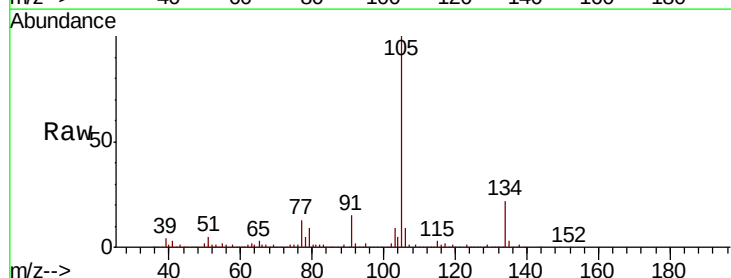
Instrument :
MSVOA_X
ClientSampleId :
SS038MW103-190703

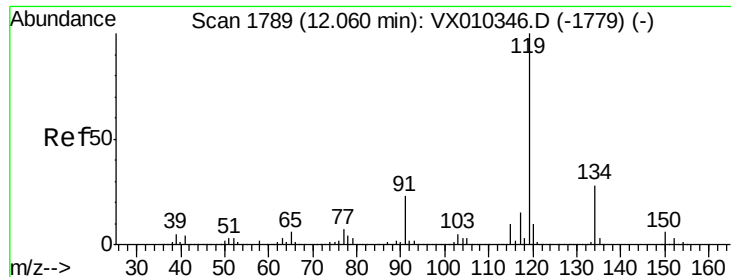
Tot Ion:105 Resp: 100788
Ion Ratio Lower Upper
105 100
120 0.0 23.1 69.2#



#85
sec-Butylbenzene
Concen: 9.149 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

Tgt Ion:105 Resp: 100788
Ion Ratio Lower Upper
105 100
134 0.0 10.7 31.9#

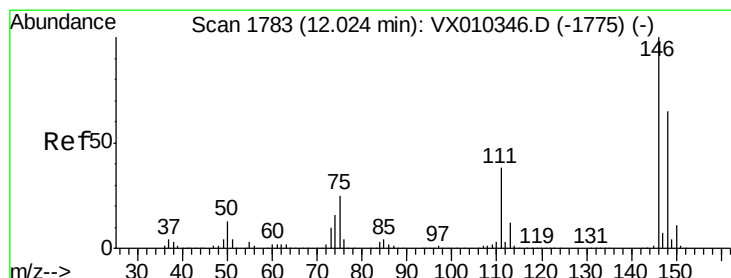
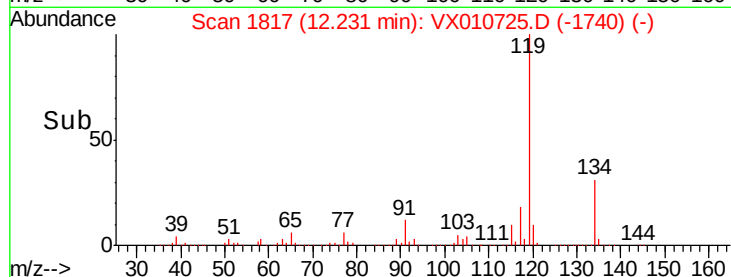
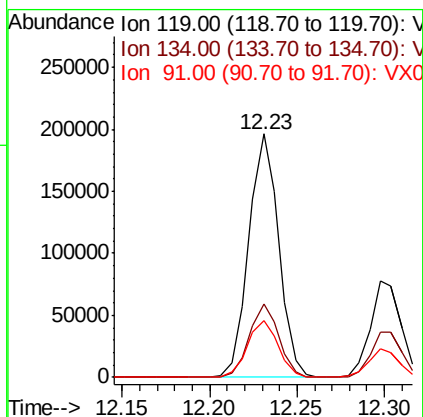
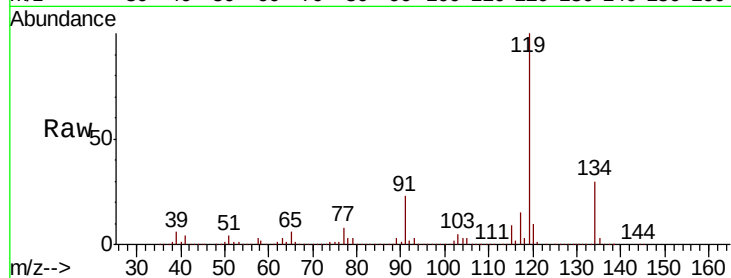




#86
p-Isopropyltoluene
Concen: 22.922 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

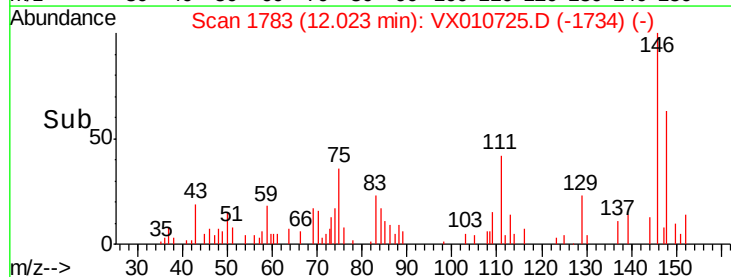
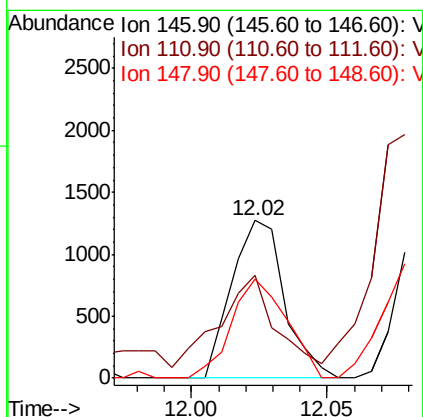
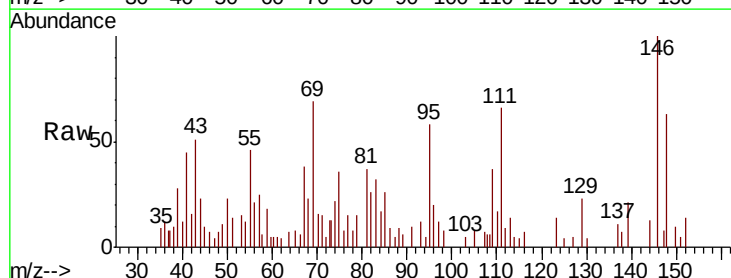
Instrument :
MSVOA_X
ClientSampleId :
SS038MW103-190703

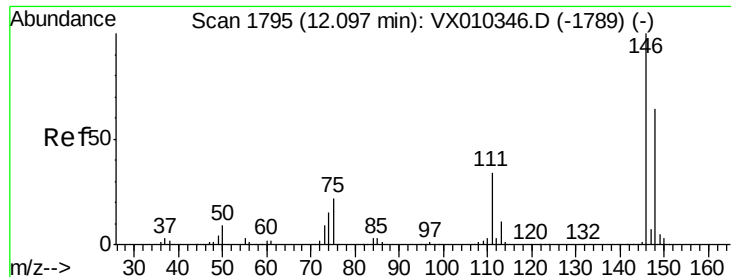
Tot Ion:119 Resp: 233583
Ion Ratio Lower Upper
119 100
134 29.7 13.7 41.1
91 23.7 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 0.309 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX010725.D
Acq: 09 Jul 2019 03:30

Tgt Ion:146 Resp: 1709
Ion Ratio Lower Upper
146 100
111 59.3 19.1 57.1#
148 65.9 32.5 97.4

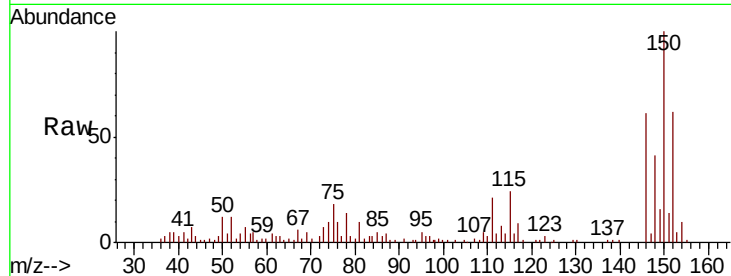




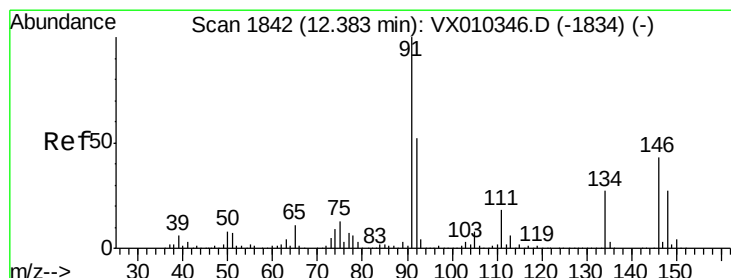
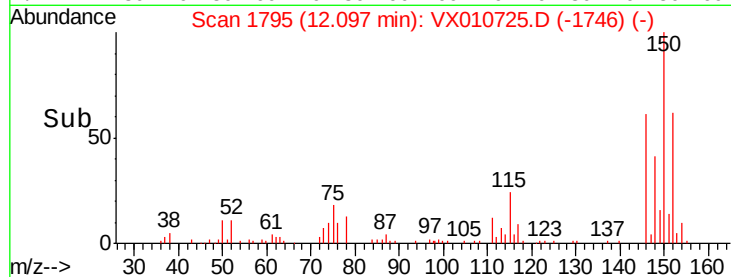
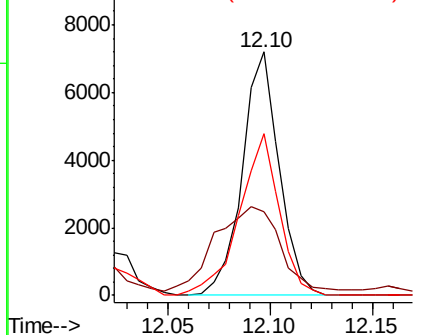
#88
 1,4-Dichlorobenzene
 Concen: 1.602 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010725.D
 Acq: 09 Jul 2019 03:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW103-190703

Tot Ion:146 Resp: 9014
 Ion Ratio Lower Upper
 146 100
 111 61.3 18.1 54.3#
 148 71.9 32.1 96.3

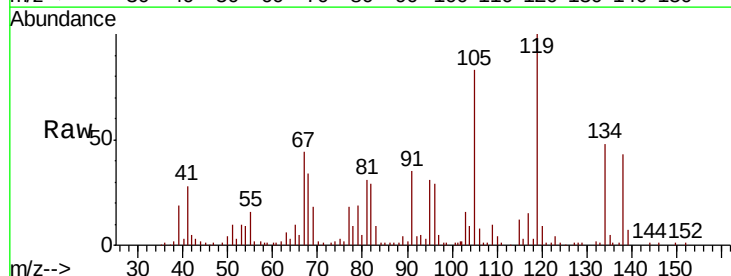


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

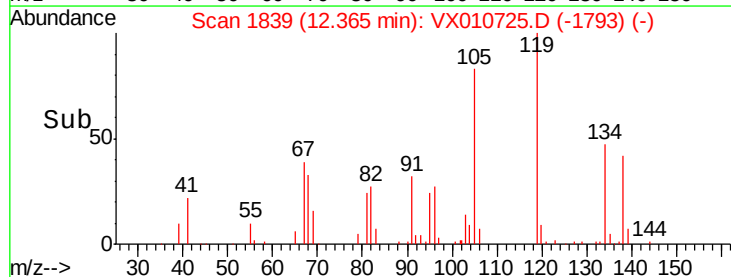
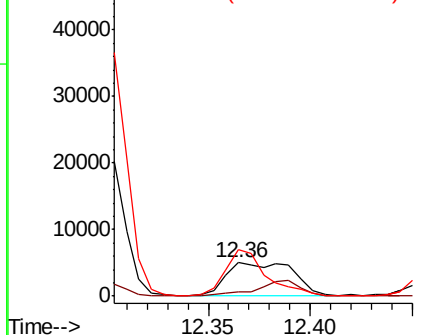


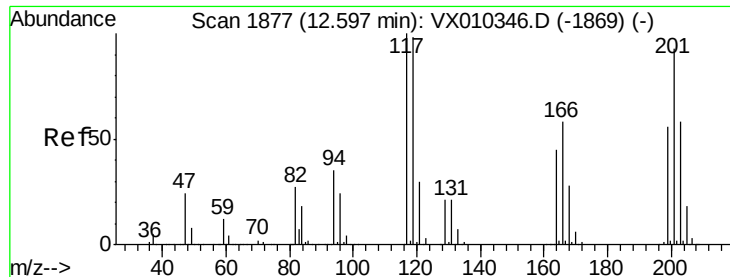
#89
 n-Butylbenzene
 Concen: 1.293 ug/l
 RT: 12.36 min Scan# 1839
 Delta R.T. -0.02 min
 Lab File: VX010725.D
 Acq: 09 Jul 2019 03:30

Tgt Ion: 91 Resp: 11198
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.2 78.5#
 134 86.9 14.1 42.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 12.076 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

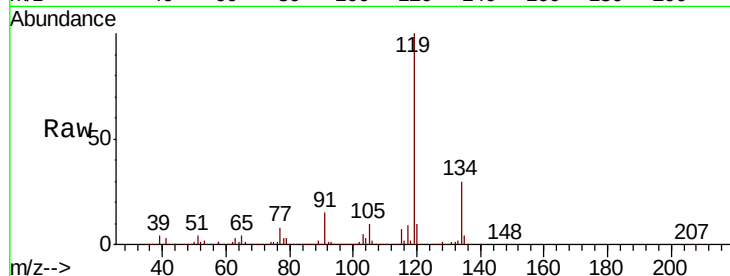
SS038MW103-190703

Tot Ion:117 Resp: 21278

Ion Ratio Lower Upper

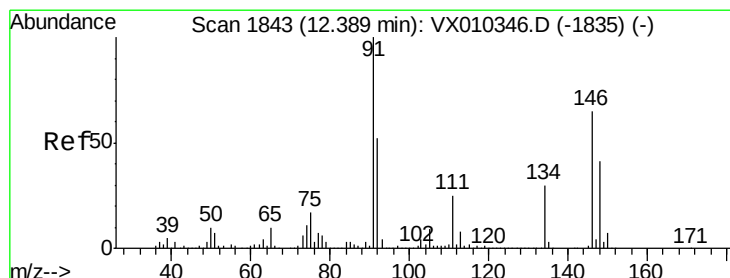
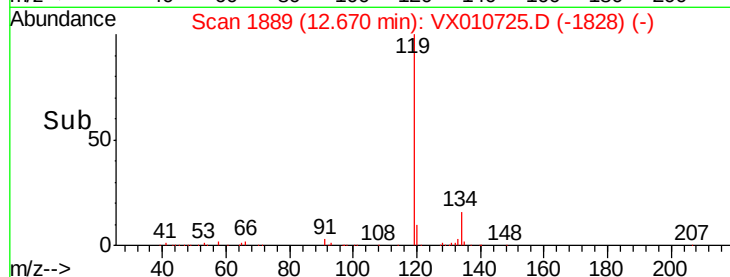
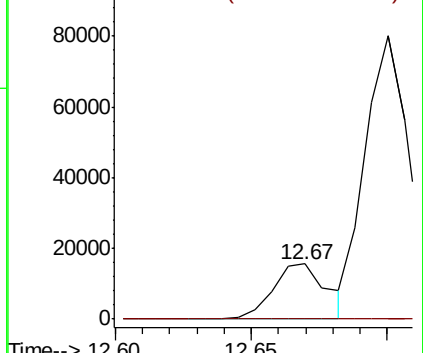
117 100

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: 0.777 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010725.D

Acq: 09 Jul 2019 03:30

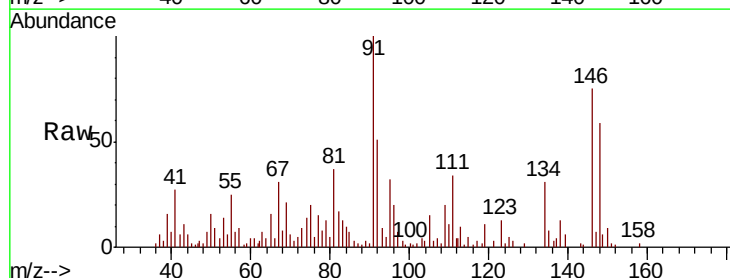
Tgt Ion:146 Resp: 4268

Ion Ratio Lower Upper

146 100

111 59.8 19.2 57.6#

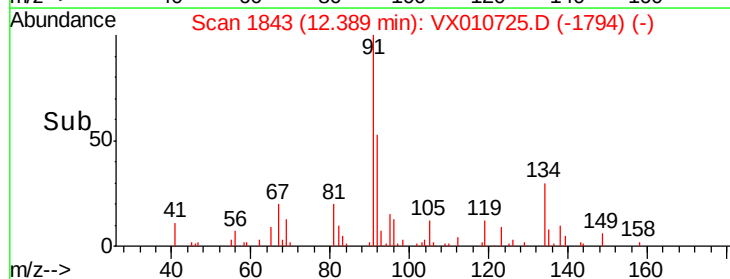
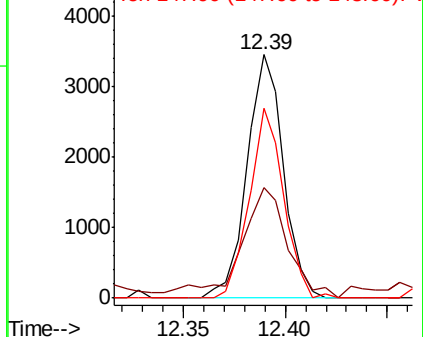
148 73.3 32.0 96.0

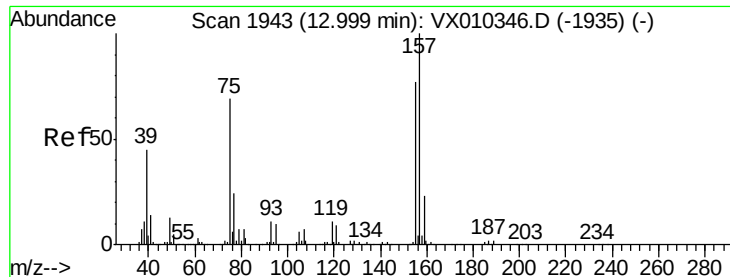


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

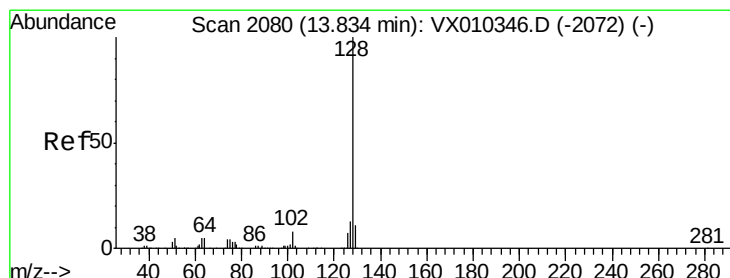
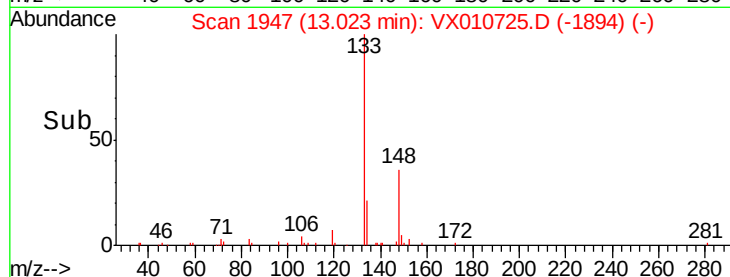
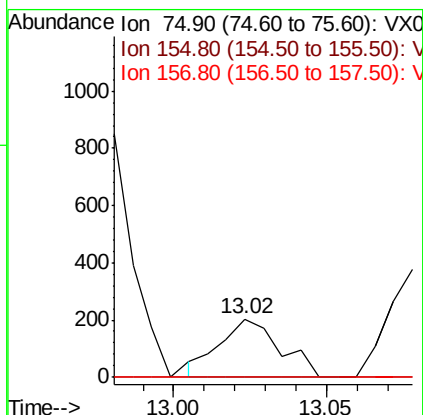
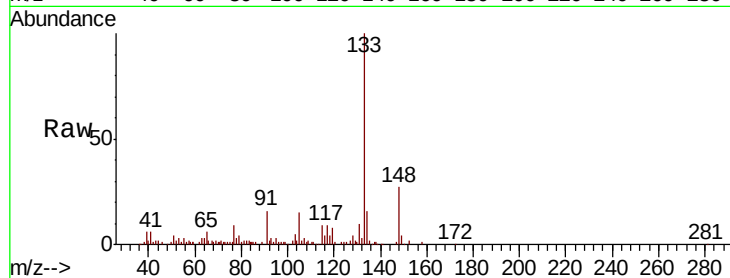




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.340 ug/l
 RT: 13.02 min Scan# 1947
 Delta R.T. 0.02 min
 Lab File: VX010725.D
 Acq: 09 Jul 2019 03:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW103-190703

Tot Ion: 75 Resp: 275
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.4 163.1#
 157 0.0 69.5 208.3#



#95
 Naphthalene
 Concen: 0.230 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX010725.D
 Acq: 09 Jul 2019 03:30

Tgt Ion: 128 Resp: 2692
 Ion Ratio Lower Upper
 128 100
 127 32.4 10.2 15.4#
 129 48.3 8.9 13.3#

