

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070819\
 Data File : VX010705.D
 Acq On : 08 Jul 2019 18:56
 Operator : JC/SP
 Sample : K3664-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702

Quant Time: Jul 09 01:11:48 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	230381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	357619	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	331725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	115859	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
35) Dibromofluoromethane	5.50	113	110404	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	8.71	98	426971	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.13	95	149397	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.40	62	2053	1.005	ug/l #	86
6) Chloroethane	1.73	64	343	0.285	ug/l #	41
11) Tert butyl alcohol	3.03	59	1626	2.877	ug/l #	92
16) Acetone	2.44	43	4534	4.188	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	482	0.224	ug/l #	80
25) 2-Butanone	4.68	43	1153	0.726	ug/l #	75
27) cis-1,2-Dichloroethene	4.60	96	82640	33.298	ug/l	92
31) Cyclohexane	5.57	56	838	0.269	ug/l #	72
36) 1,1-Dichloropropene	5.67	75	14832	5.219	ug/l #	48
38) Carbon Tetrachloride	5.66	117	20578	6.687	ug/l #	15
39) Methylcyclohexane	7.46	83	2423	0.649	ug/l #	75
40) Benzene	6.15	78	2704	0.305	ug/l #	69
44) Trichloroethene	7.22	130	1929	0.728	ug/l	77
49) 1,4-Dioxane	7.74	88	44	0.679	ug/l #	1
55) 1,1,2-Trichloroethane	9.17	97	523	0.217	ug/l #	15
60) Dibromochloromethane	9.34	129	1995	0.741	ug/l #	11
64) Tetrachloroethene	9.34	164	2132	0.795	ug/l	93
65) Chlorobenzene	10.14	112	412250	61.213	ug/l	97
67) Ethyl Benzene	10.26	91	3214	0.283	ug/l	93
68) m/p-Xylenes	10.36	106	3138	0.712	ug/l	94
69) o-Xylene	10.71	106	974	0.225	ug/l	97
73) Isopropylbenzene	11.02	105	10146	0.934	ug/l	99
74) N-ethyl acetate	10.94	43	2047	0.499	ug/l #	49
76) 1,2,3-Trichloropropane	11.13	75	73686	25.236	ug/l #	33
78) n-propylbenzene	11.36	91	2753	0.231	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	73686	58.874	ug/l #	16
83) tert-Butylbenzene	11.77	119	30568	3.401	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	5838	0.649	ug/l	94
85) sec-Butylbenzene	11.94	105	30441	2.885	ug/l	93
86) p-Isopropyltoluene	12.23	119	61964	6.349	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	1916	0.362	ug/l	92
88) 1,4-Dichlorobenzene	12.02	146	1916	0.355	ug/l	91
89) n-Butylbenzene	12.37	91	3166	0.382	ug/l #	25
90) Hexachloroethane	12.70	117	2334	1.383	ug/l #	5

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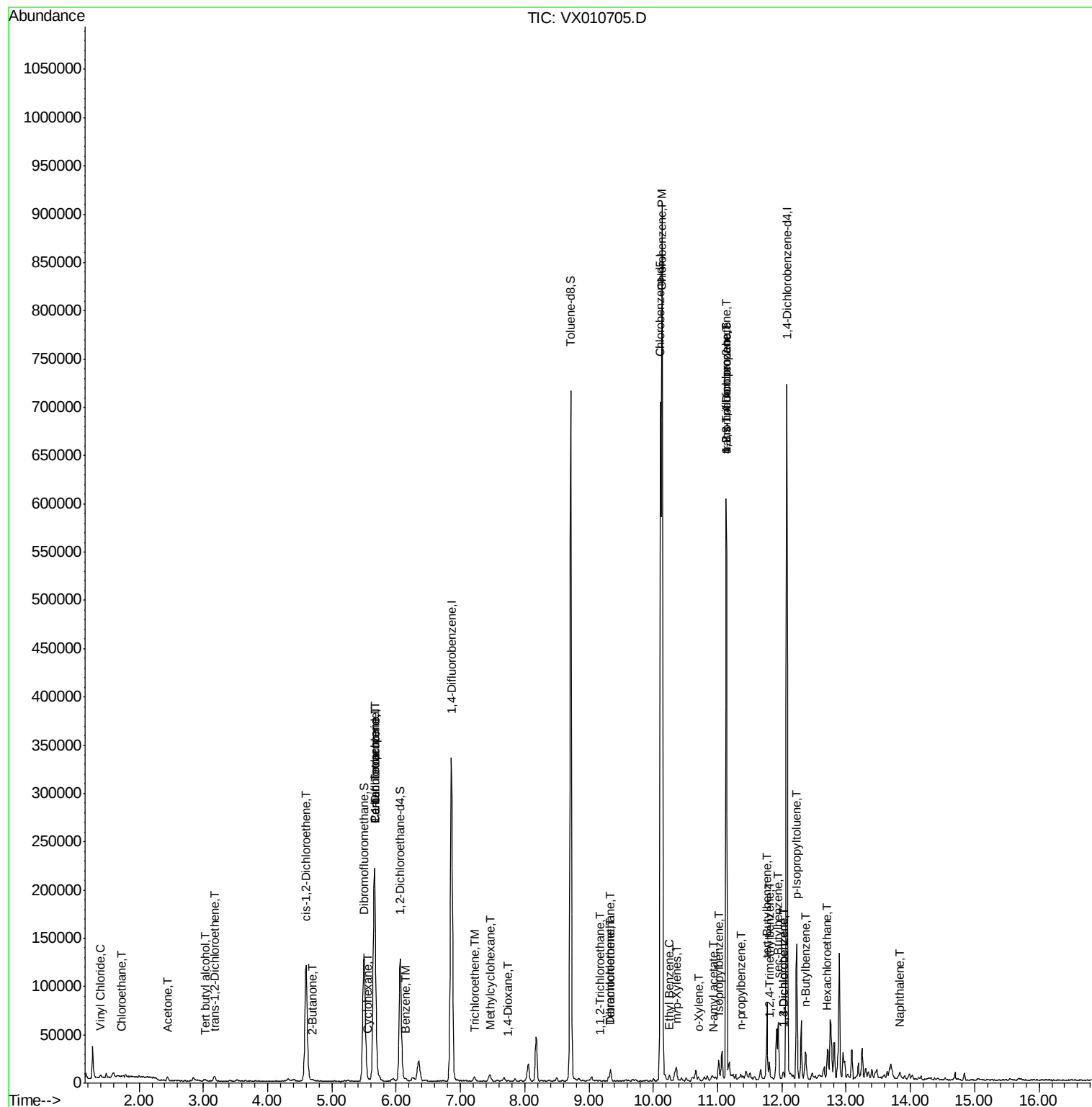
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	4073	0.363	ug/l #	82

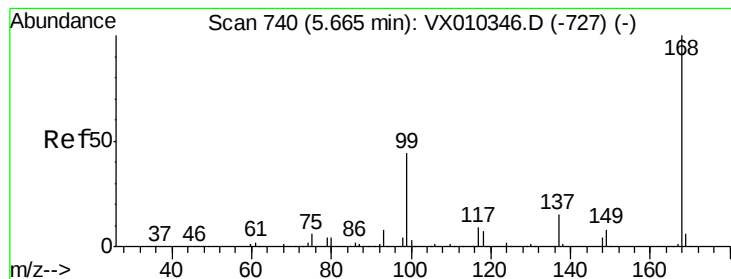
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

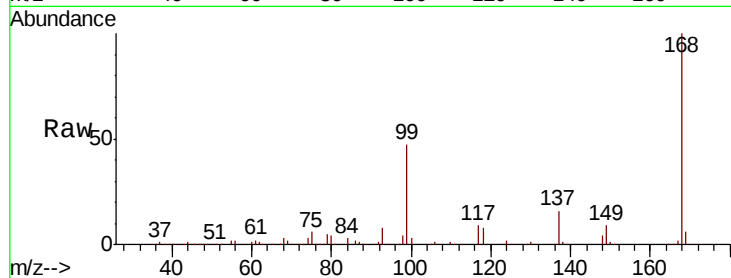
SS038RW151-190702

Tot Ion:168 Resp: 230381

Ion Ratio Lower Upper

168 100

99 47.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

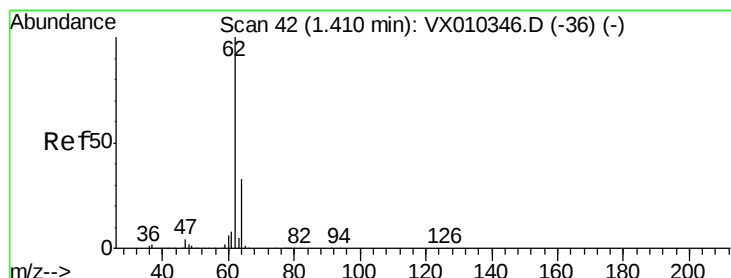
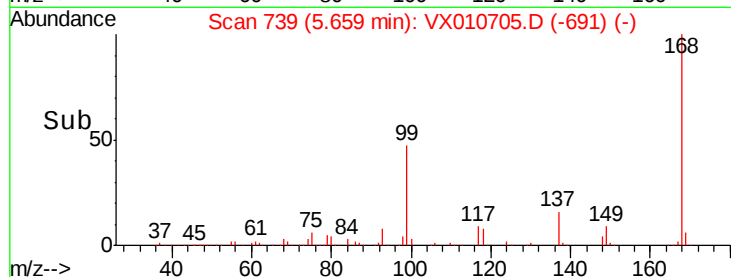
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.005 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010705.D

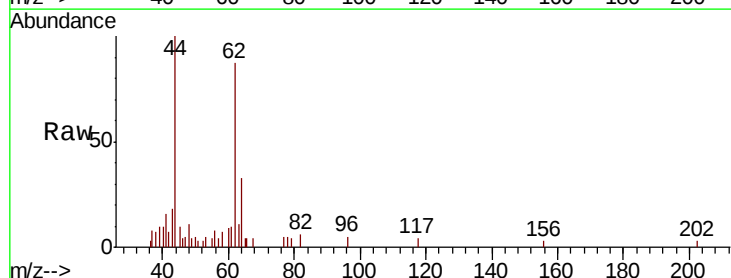
Acq: 08 Jul 2019 18:56

Tgt Ion: 62 Resp: 2053

Ion Ratio Lower Upper

62 100

64 24.9 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

2000

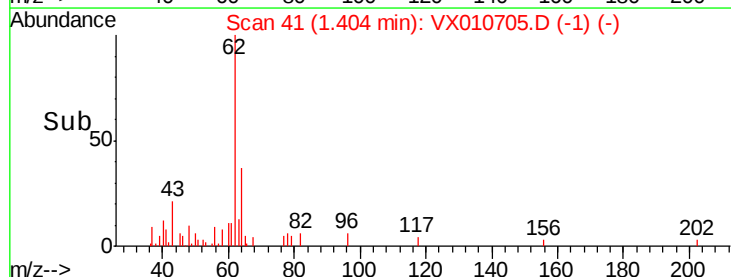
1500

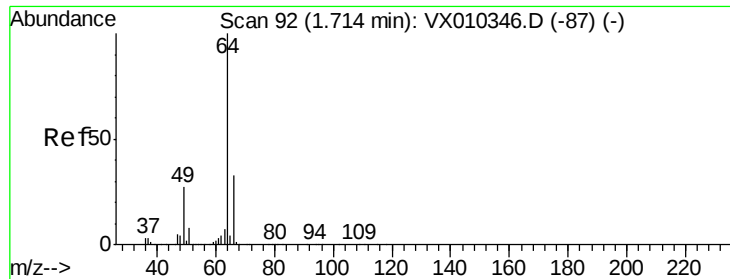
1000

500

0

Time--> 1.35 1.40 1.45





#6

Chloroethane

Concen: 0.285 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

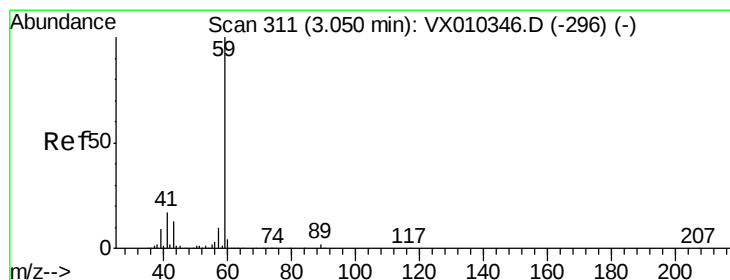
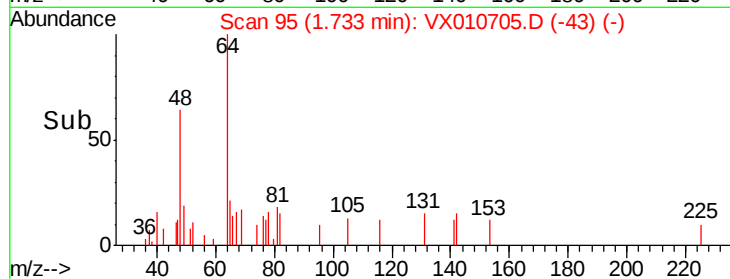
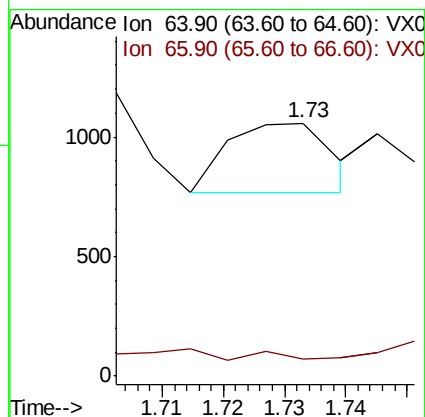
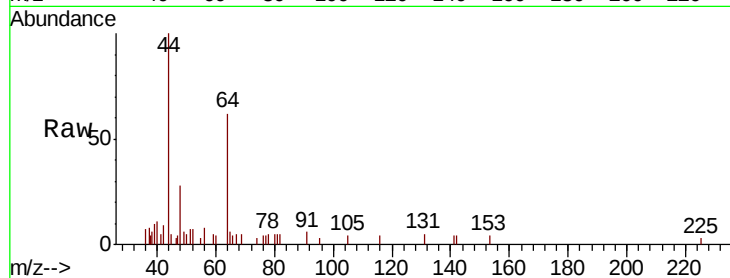
SS038RW151-190702

Tot Ion: 64 Resp: 343

Ion Ratio Lower Upper

64 100

66 0.0 26.6 40.0#



#11

Tert butyl alcohol

Concen: 2.877 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.02 min

Lab File: VX010705.D

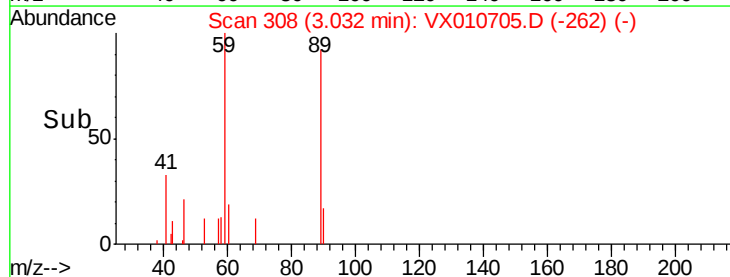
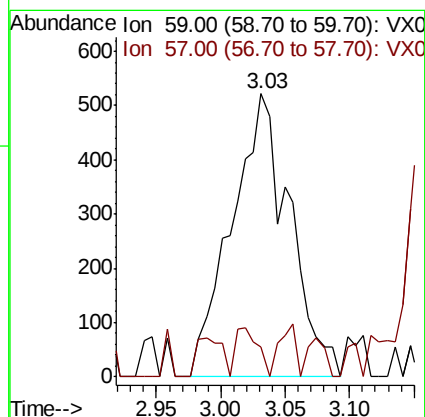
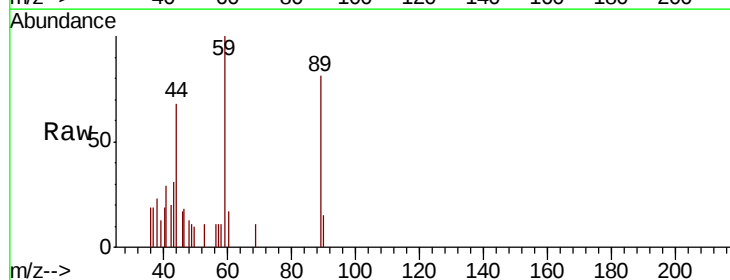
Acq: 08 Jul 2019 18:56

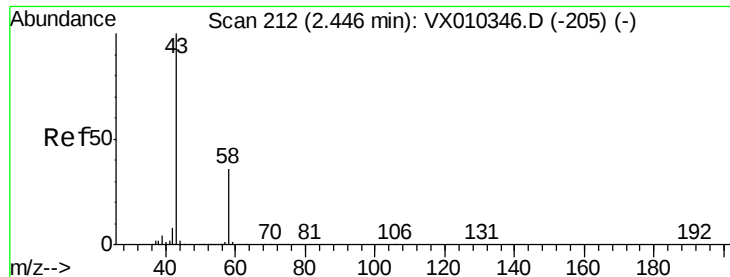
Tgt Ion: 59 Resp: 1626

Ion Ratio Lower Upper

59 100

57 6.7 7.7 11.5#





#16

Acetone

Concen: 4.188 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

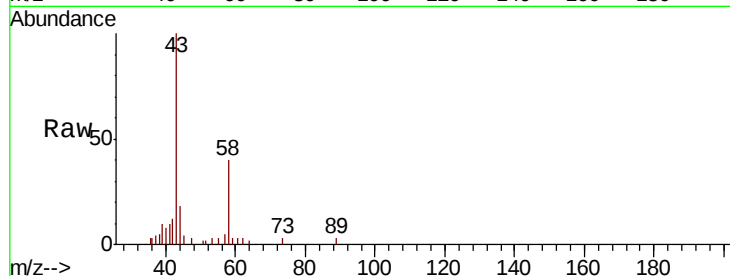
SS038RW151-190702

Tot Ion: 43 Resp: 4534

Ion Ratio Lower Upper

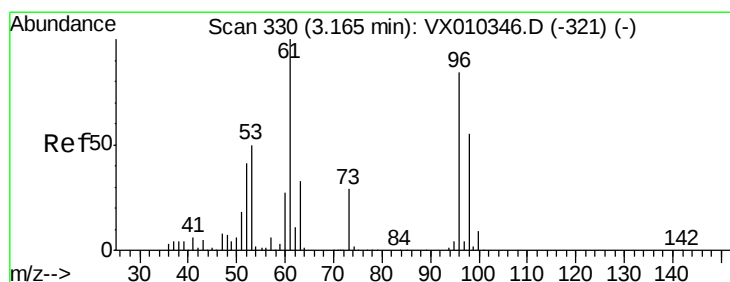
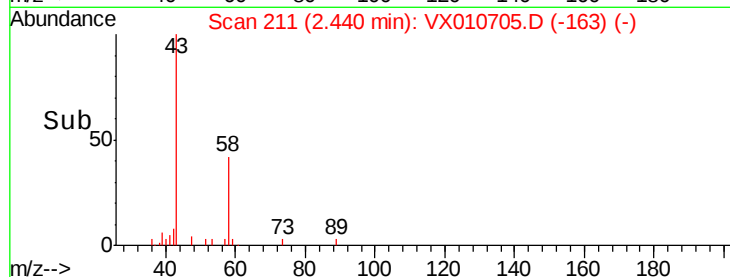
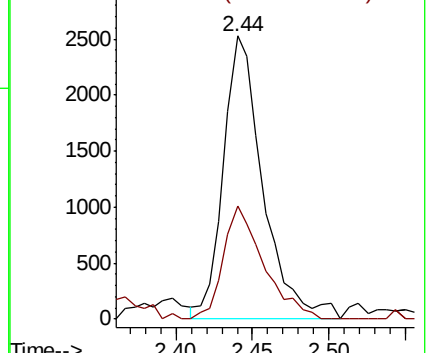
43 100

58 40.2 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.224 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

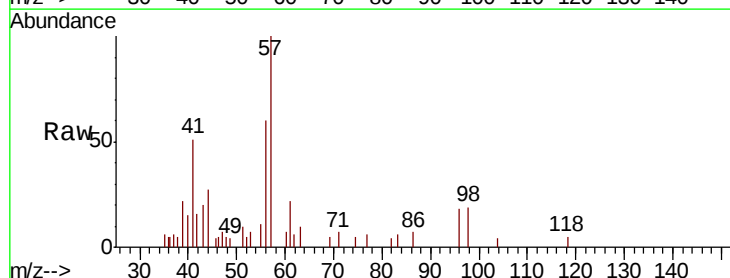
Tgt Ion: 96 Resp: 482

Ion Ratio Lower Upper

96 100

61 123.1 95.6 143.4

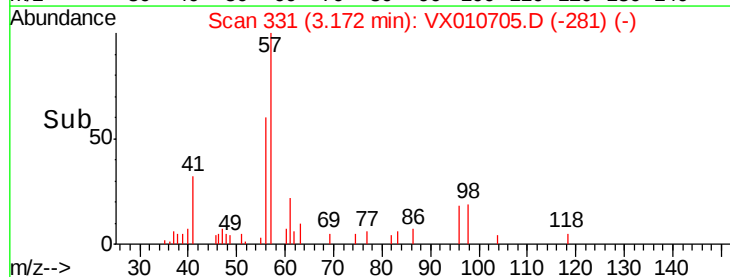
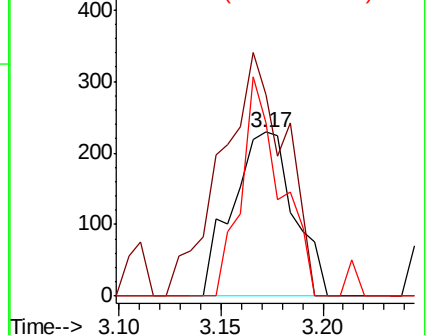
98 105.7 52.5 78.7#

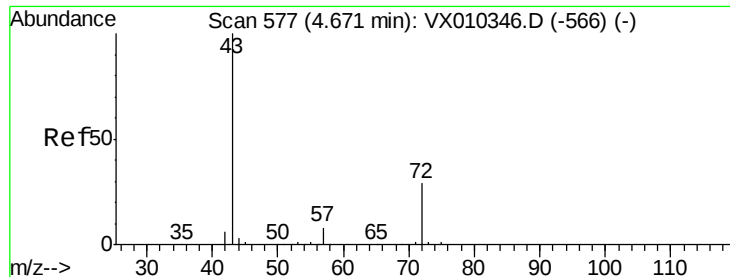


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#25

2-Butanone

Concen: 0.726 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

Instrument :

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ClientSampleId :

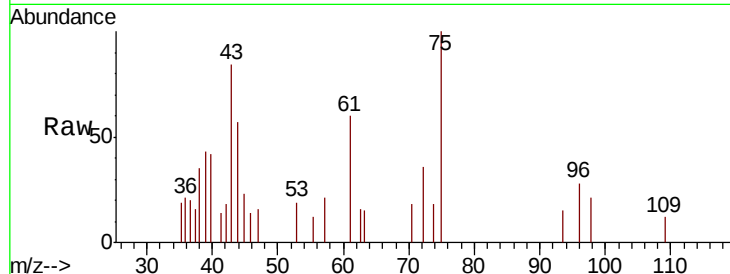
SS038RW151-190702

Tot Ion: 43 Resp: 1153

Ion Ratio Lower Upper

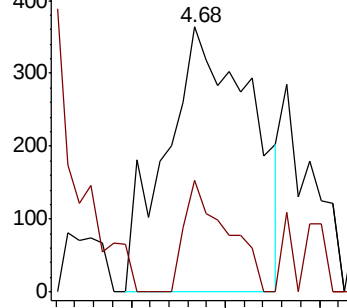
43 100

72 42.3 23.3 34.9#

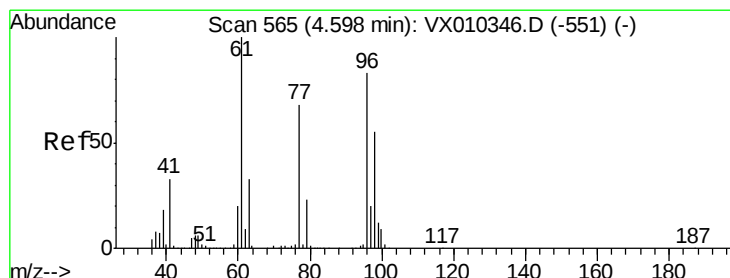
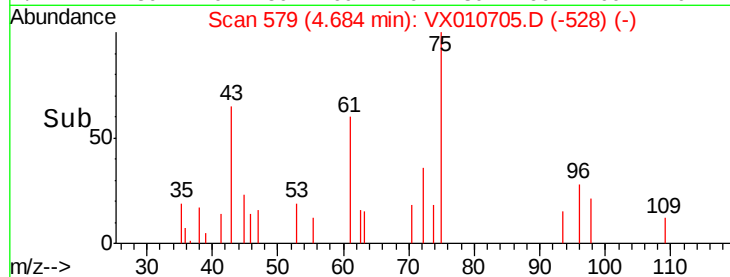


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 33.298 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

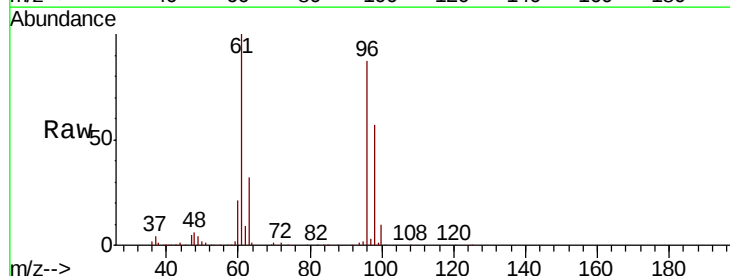
Tgt Ion: 96 Resp: 82640

Ion Ratio Lower Upper

96 100

61 111.4 0.0 251.8

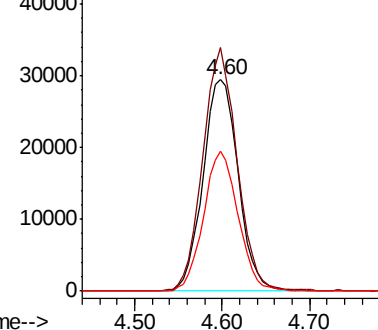
98 64.5 0.0 129.4



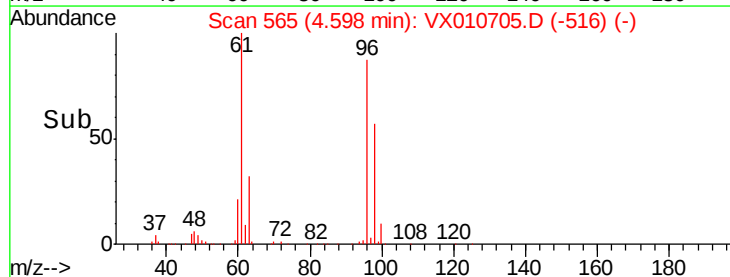
Abundance Ion 95.90 (95.60 to 96.60): VX0

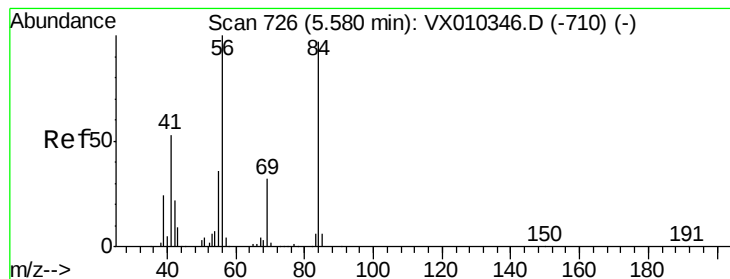
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->





#31

Cyclohexane

Concen: 0.269 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

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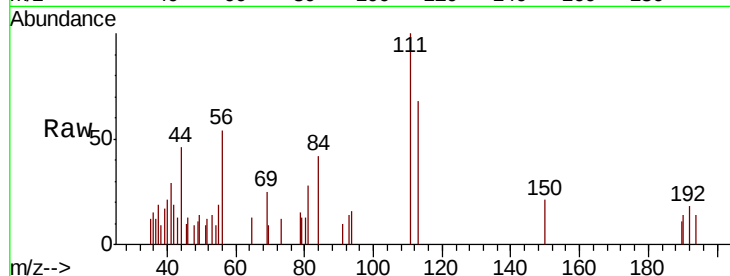
Tot Ion: 56 Resp: 838

Ion Ratio Lower Upper

56 100

69 62.3 25.9 38.9#

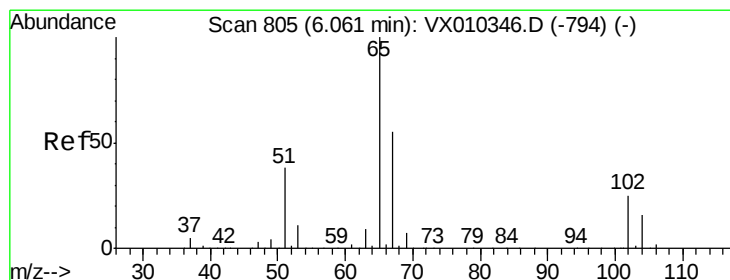
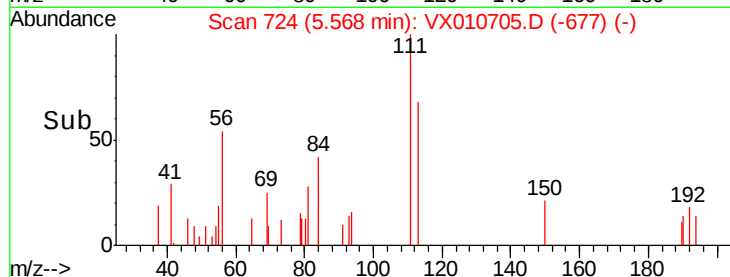
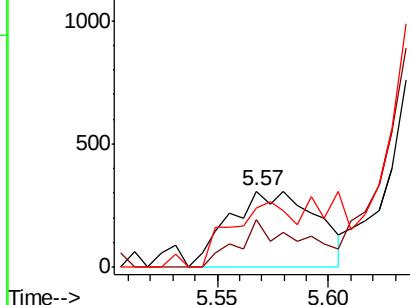
84 78.6 78.0 117.0



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: 53.637 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010705.D

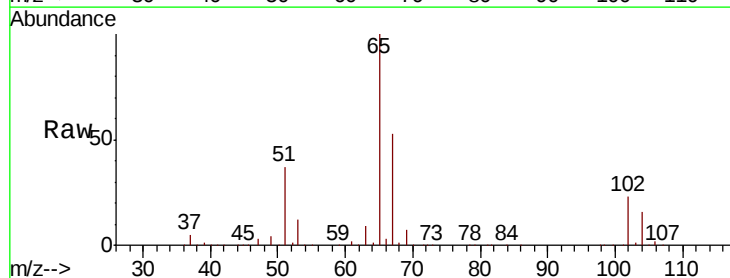
Acq: 08 Jul 2019 18:56

Tgt Ion: 65 Resp: 115859

Ion Ratio Lower Upper

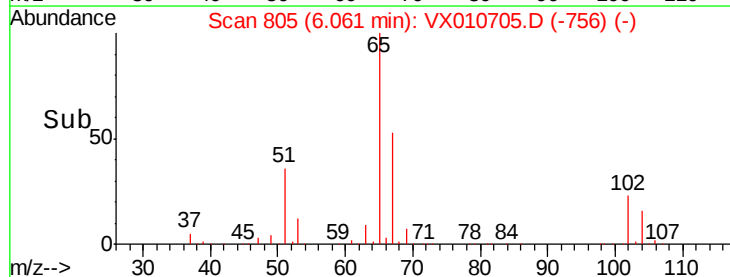
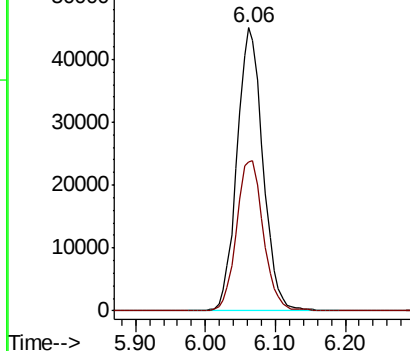
65 100

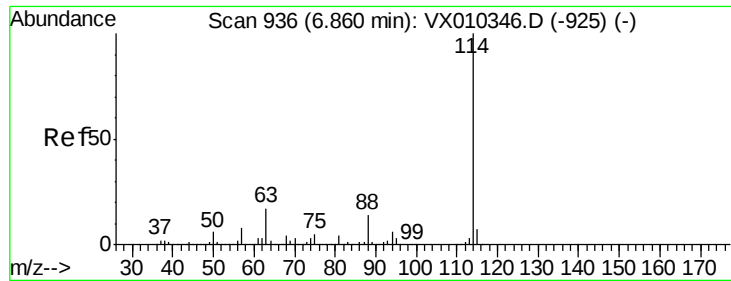
67 55.1 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010705.D

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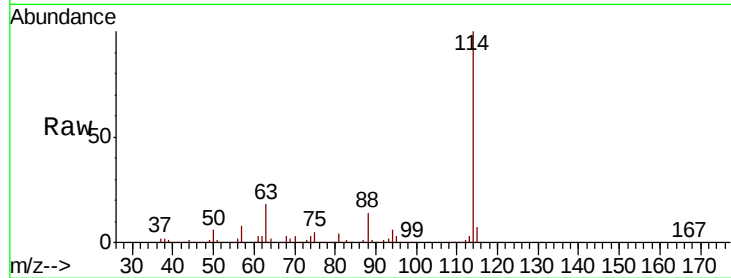
Tot Ion:114 Resp: 357619

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.8

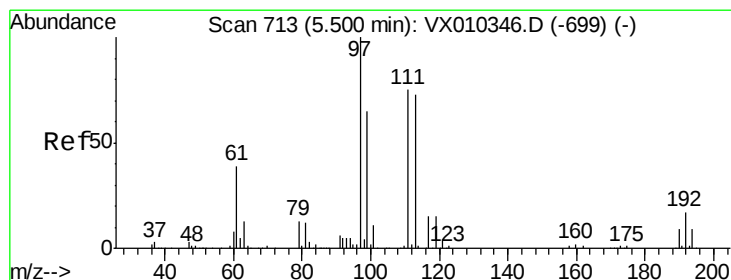
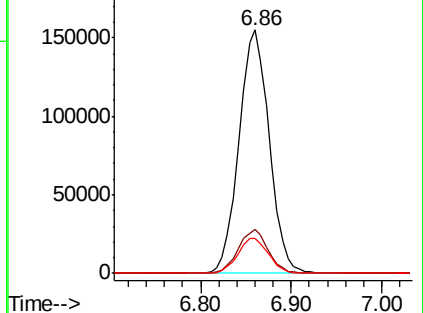
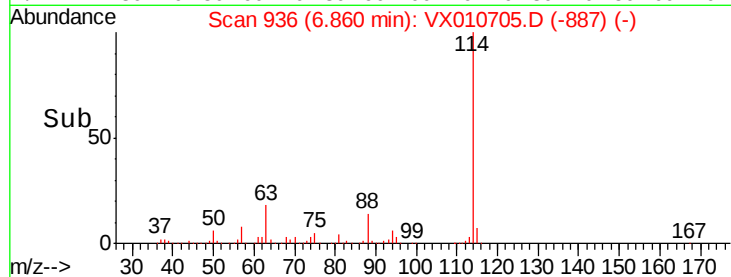
88 14.4 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.458 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

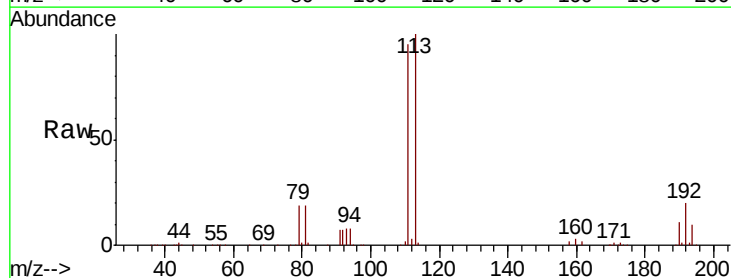
Tgt Ion:113 Resp: 110404

Ion Ratio Lower Upper

113 100

111 101.2 81.2 121.8

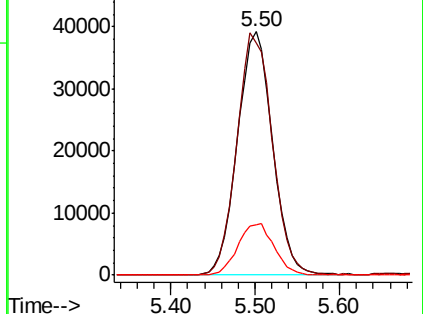
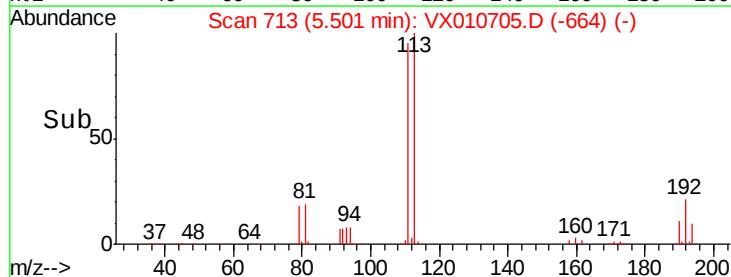
192 21.9 18.6 27.8

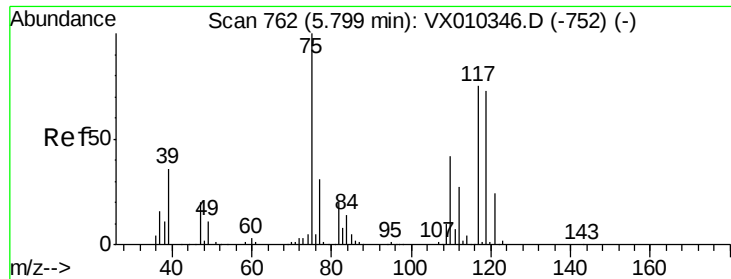


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.219 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702

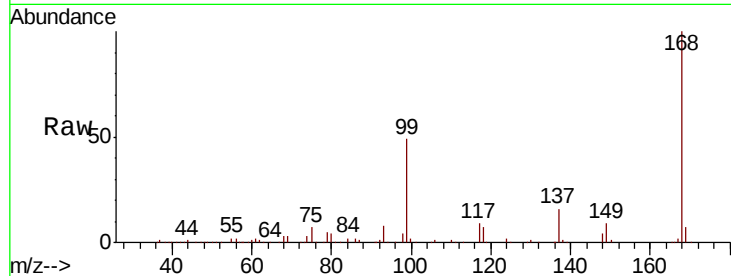
Tot Ion: 75 Resp: 14832

Ion Ratio Lower Upper

75 100

110 11.0 20.8 62.2#

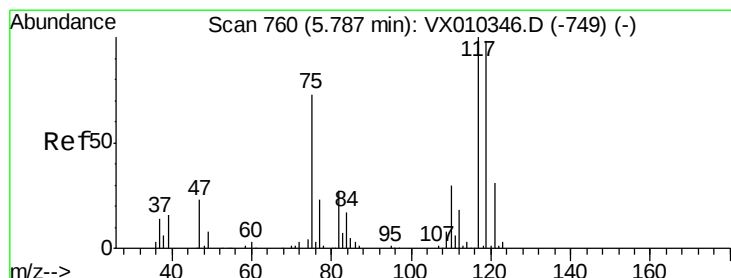
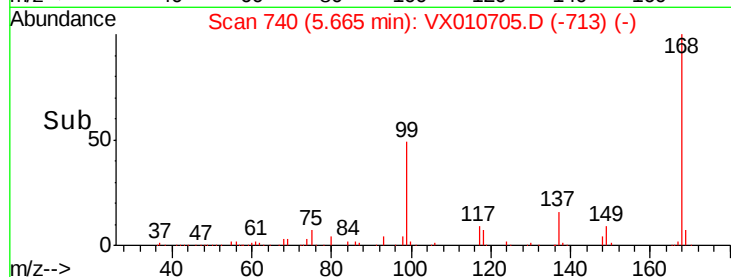
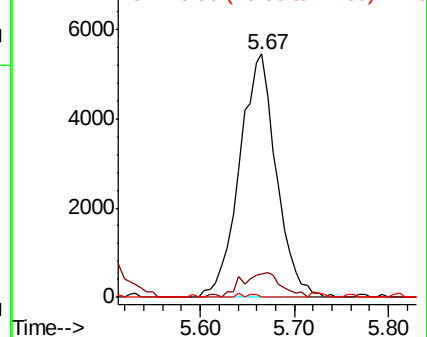
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.687 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

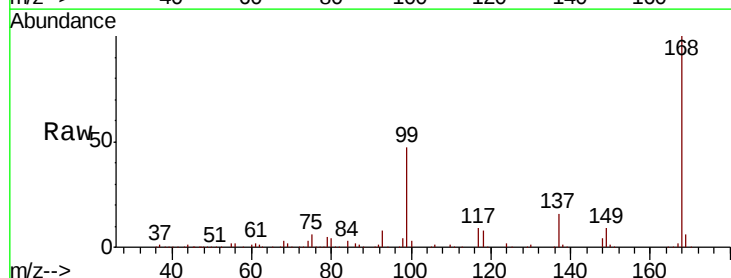
Tgt Ion: 117 Resp: 20578

Ion Ratio Lower Upper

117 100

119 4.7 78.2 117.4#

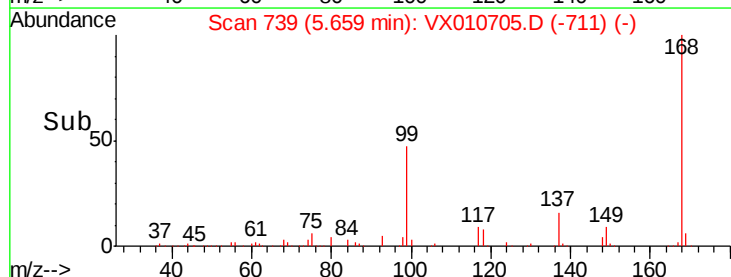
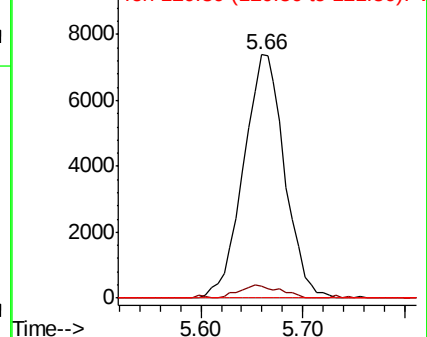
121 0.0 24.7 37.1#

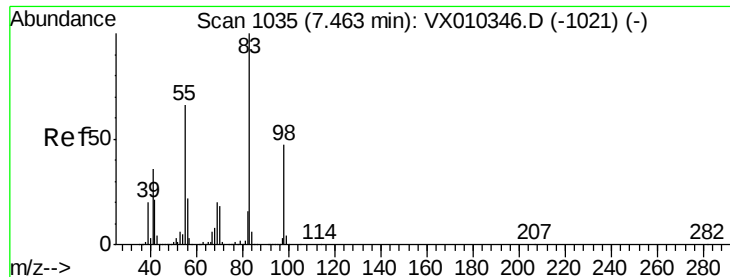


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 0.649 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702

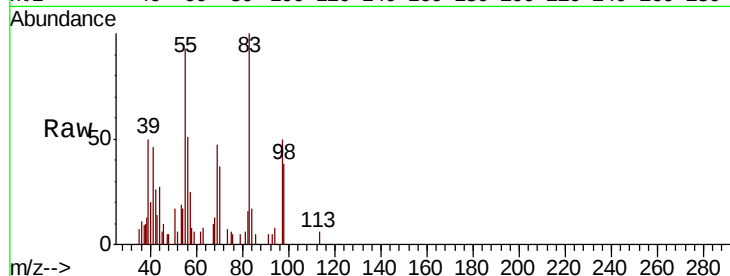
Tot Ion: 83 Resp: 2423

Ion Ratio Lower Upper

83 100

55 92.9 53.0 79.6#

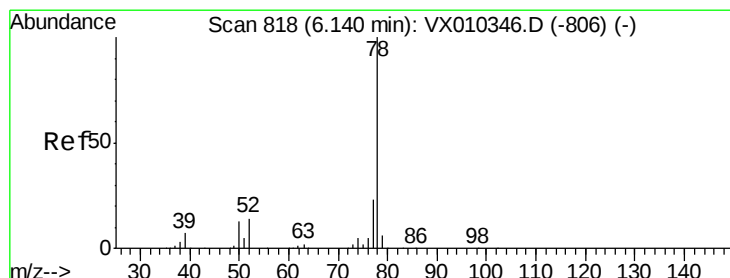
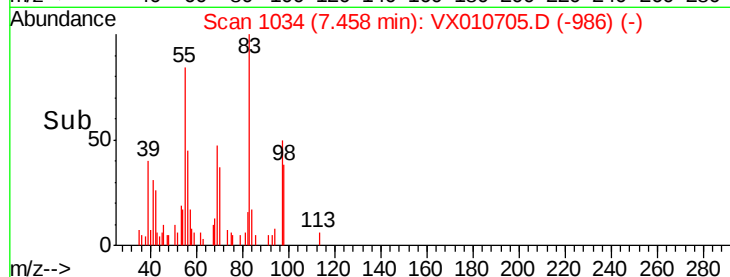
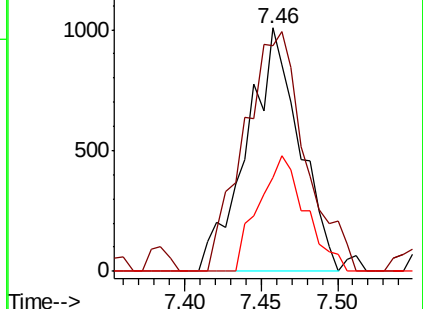
98 38.4 37.8 56.8



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: 0.305 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010705.D

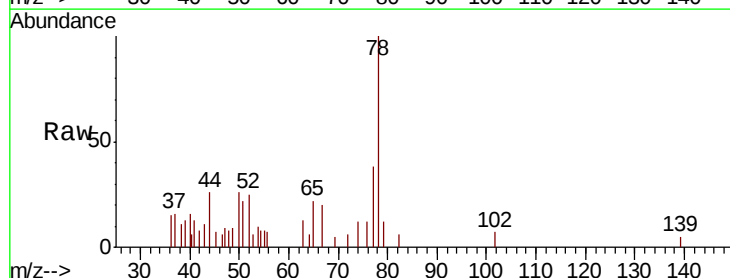
Acq: 08 Jul 2019 18:56

Tgt Ion: 78 Resp: 2704

Ion Ratio Lower Upper

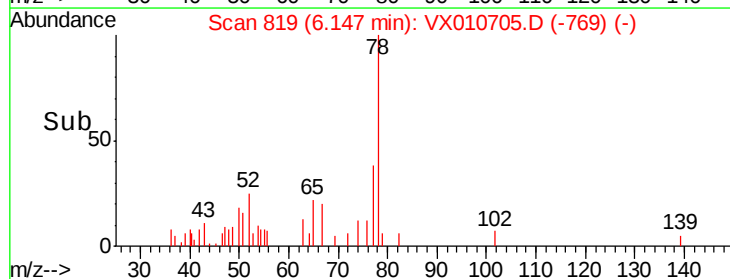
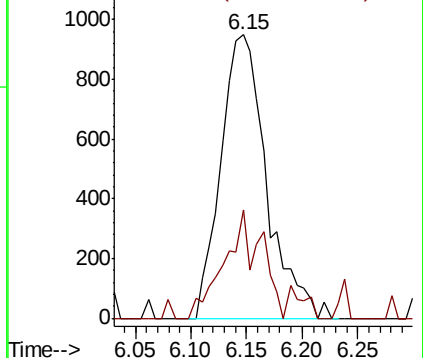
78 100

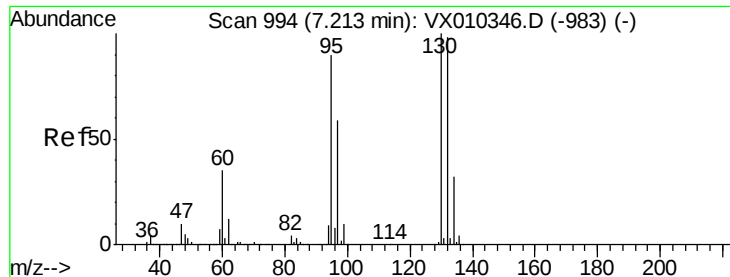
77 38.3 18.6 28.0#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#44

Trichloroethene

Concen: 0.728 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

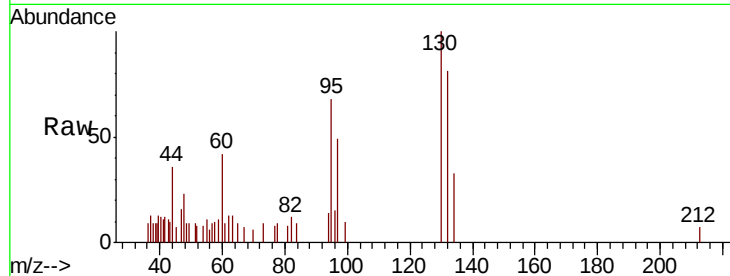
SS038RW151-190702

Tot Ion:130 Resp: 1929

Ion Ratio Lower Upper

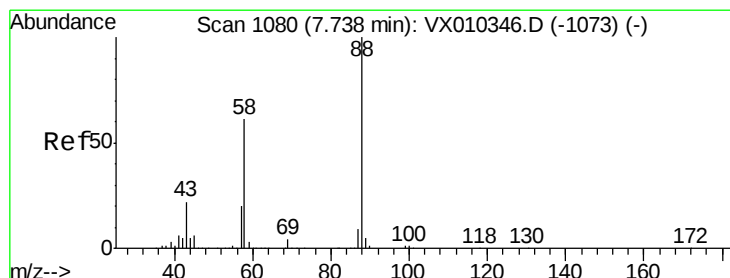
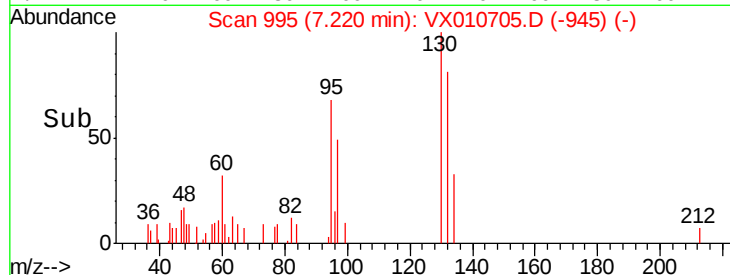
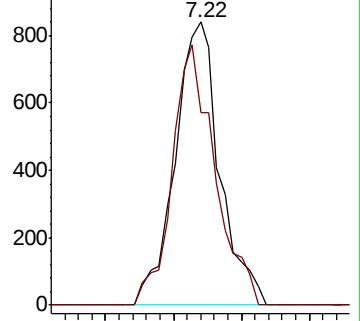
130 100

95 68.2 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 0.679 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

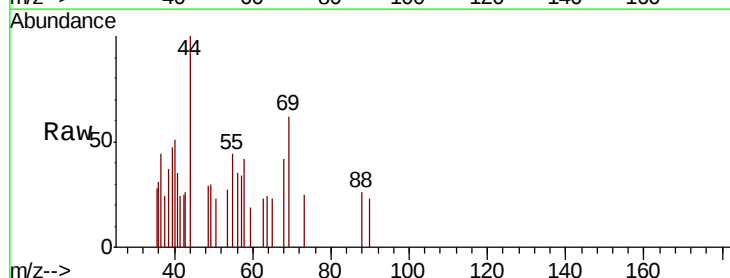
Tgt Ion: 88 Resp: 44

Ion Ratio Lower Upper

88 100

43 140.9 20.2 30.2#

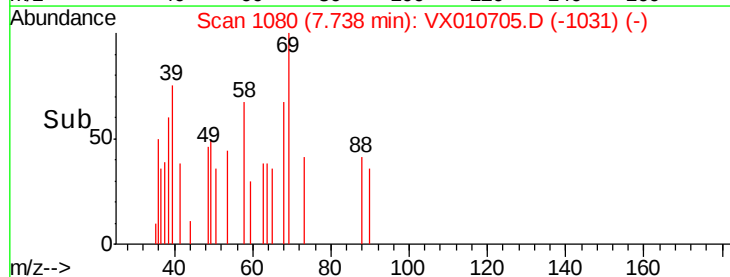
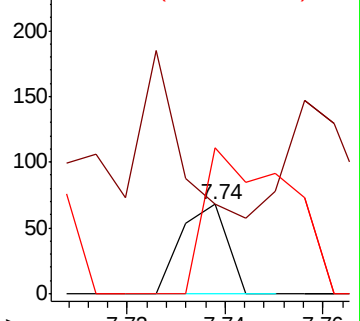
58 300.0 49.5 74.3#

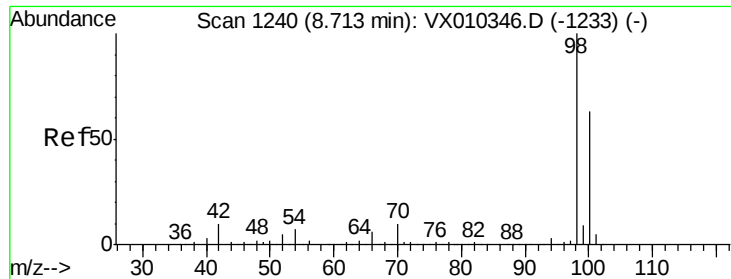


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.006 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

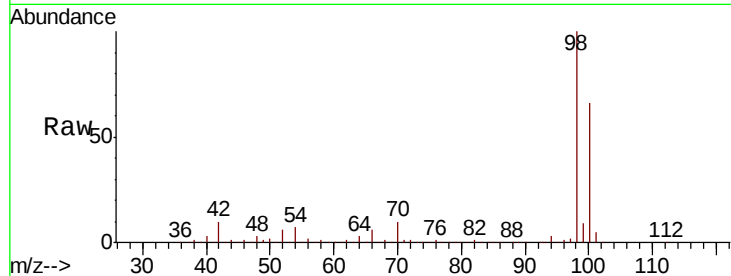
SS038RW151-190702

Tot Ion: 98 Resp: 426971

Ion Ratio Lower Upper

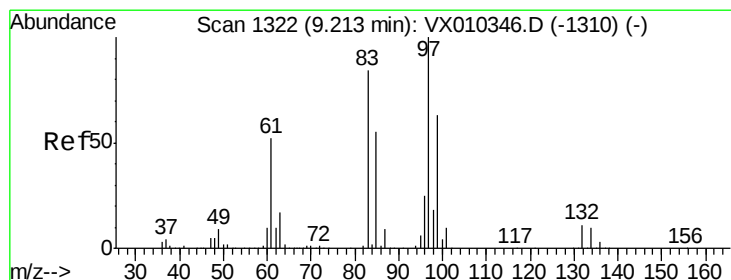
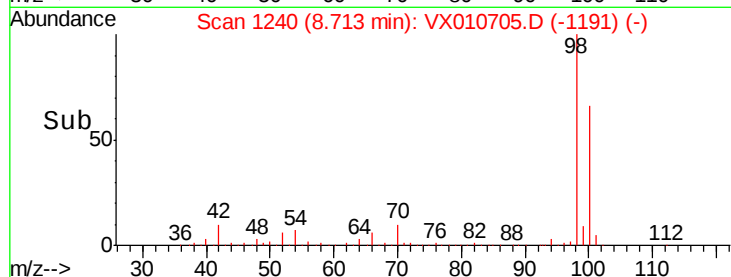
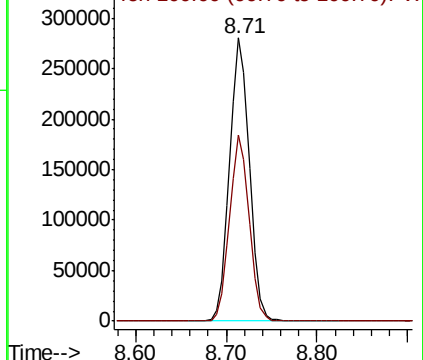
98 100

100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#55

1,1,2-Trichloroethane

Concen: 0.217 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.04 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

Tgt Ion: 97 Resp: 523

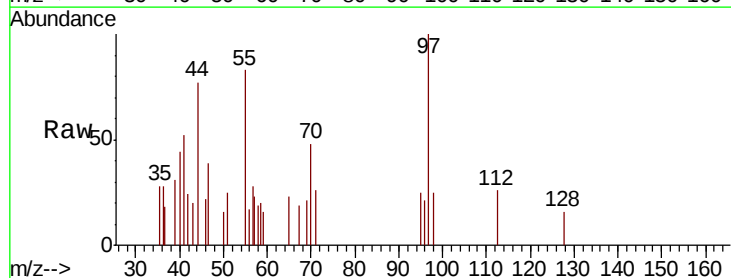
Ion Ratio Lower Upper

97 100

83 0.0 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#

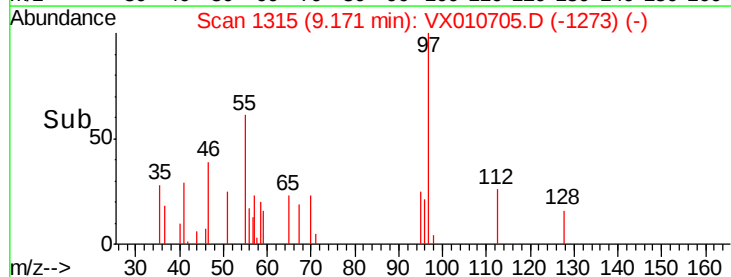
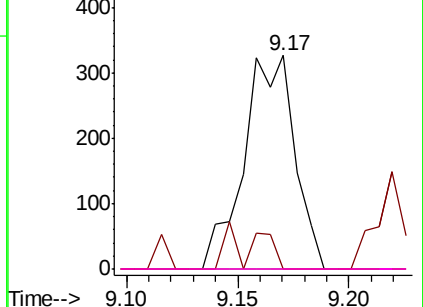


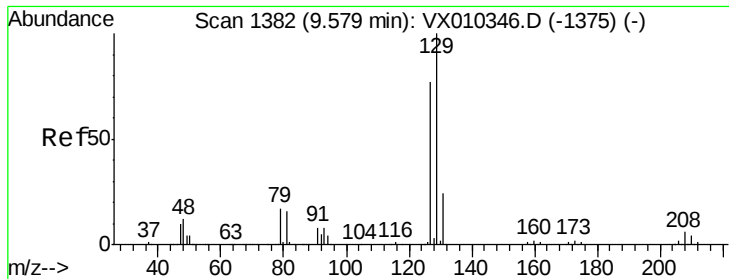
Abundance Ion 96.90 (96.60 to 97.60): VX0

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





#60

Dibromochloromethane

Concen: 0.741 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

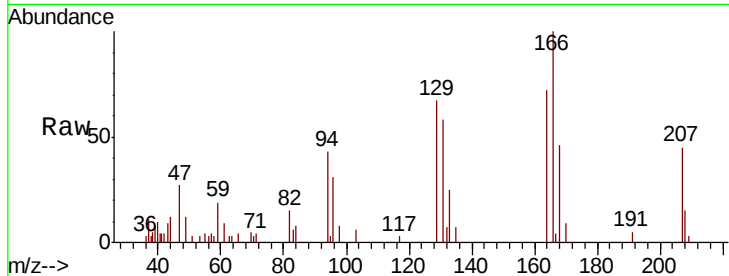
SS038RW151-190702

Tot Ion:129 Resp: 1995

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.1#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

1500

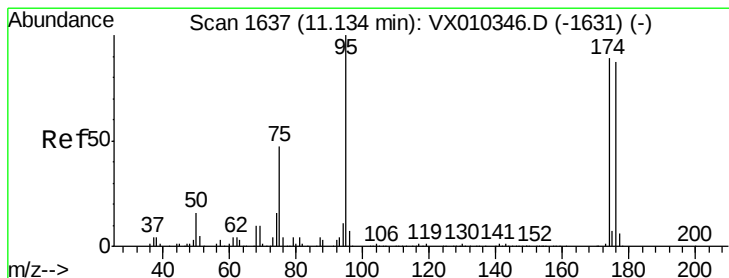
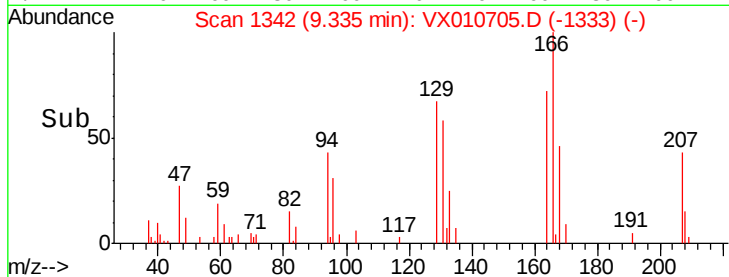
1000

500

0

9.30 9.35

Time-->



#62

4-Bromofluorobenzene

Concen: 49.434 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

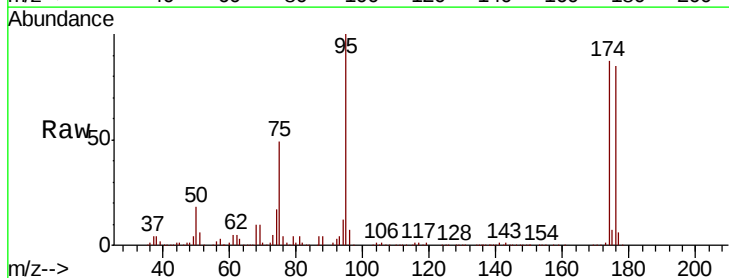
Tgt Ion: 95 Resp: 149397

Ion Ratio Lower Upper

95 100

174 92.9 0.0 187.6

176 90.9 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

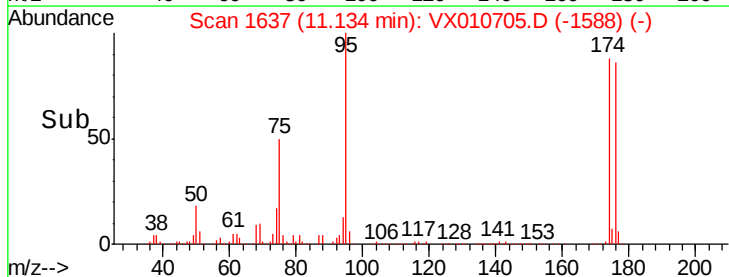
100000

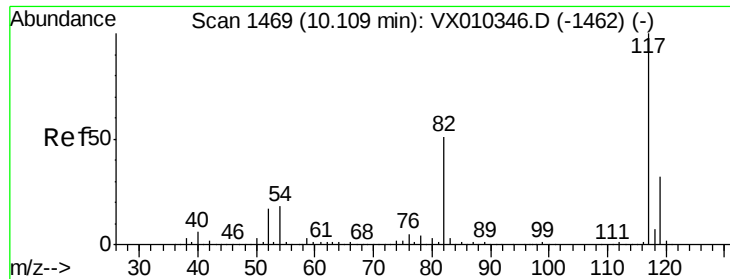
50000

0

11.10 11.15

Time-->

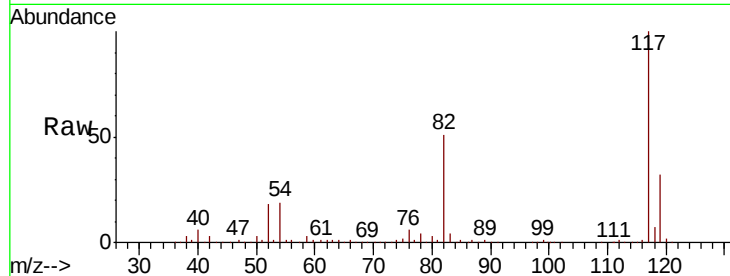




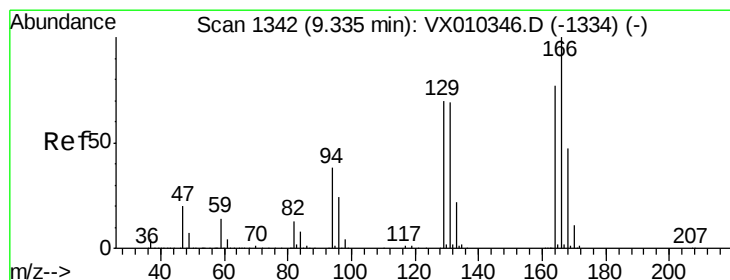
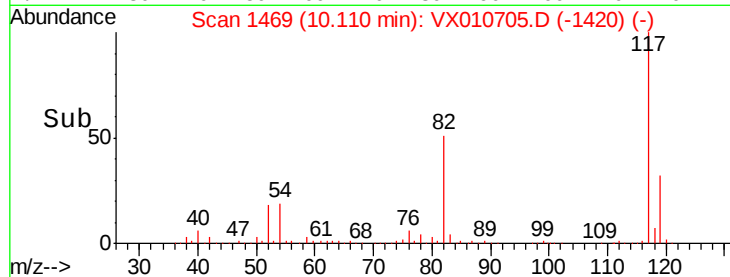
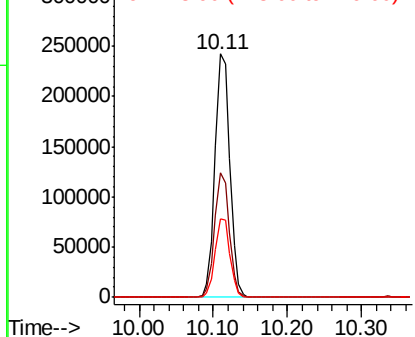
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010705.D
Acq: 08 Jul 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702

Tot Ion:117 Resp: 331725
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 32.3 25.5 38.3

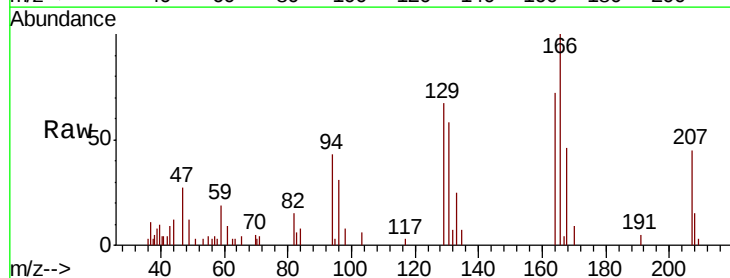


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

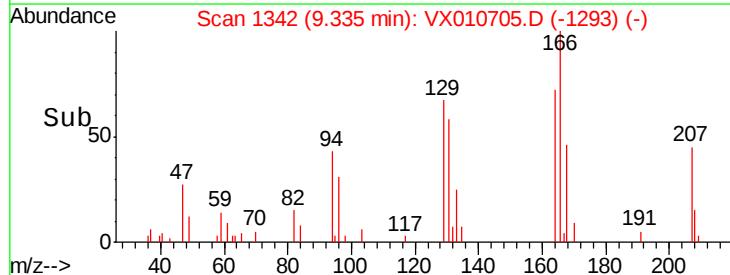
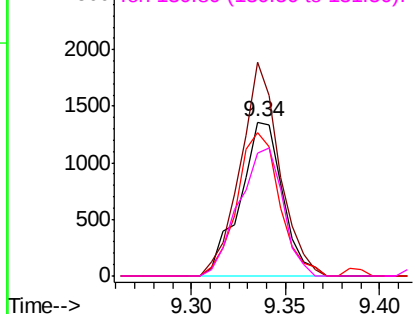


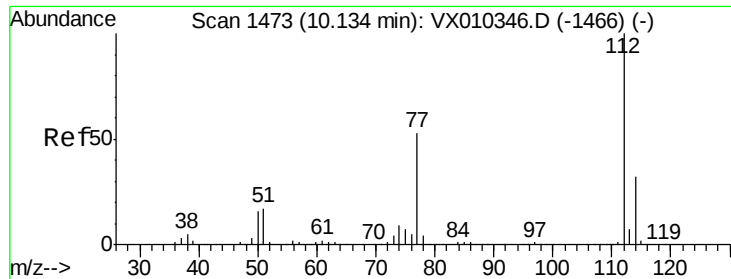
#64
Tetrachloroethene
Concen: 0.795 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010705.D
Acq: 08 Jul 2019 18:56

Tgt Ion:164 Resp: 2132
Ion Ratio Lower Upper
164 100
166 138.8 103.6 155.4
129 93.2 73.0 109.4
131 79.9 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

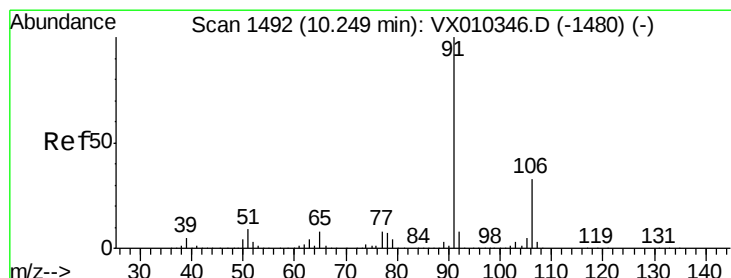
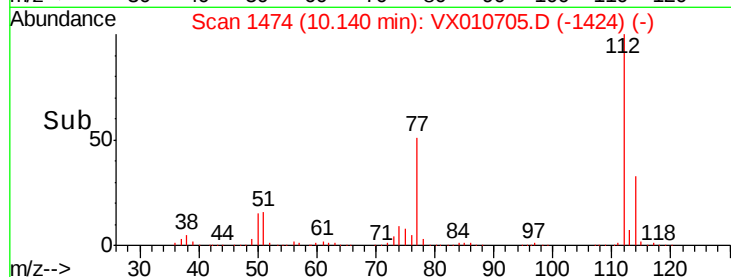
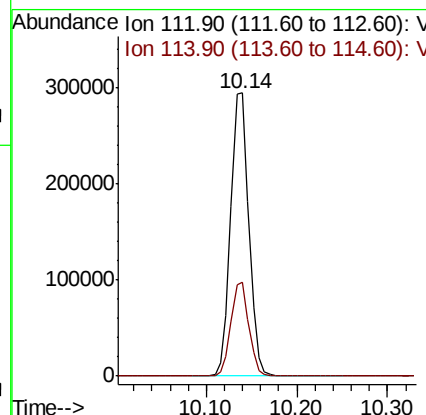
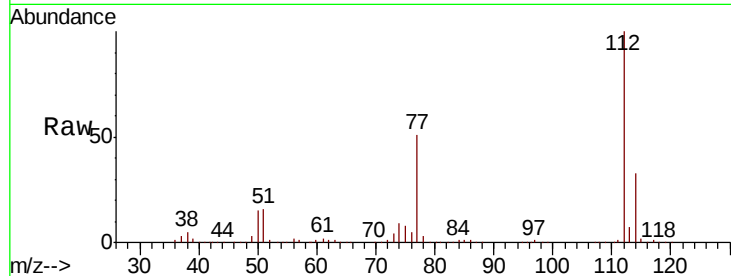




#65
Chlorobenzene
Concen: 61.213 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010705.D
Acq: 08 Jul 2019 18:56

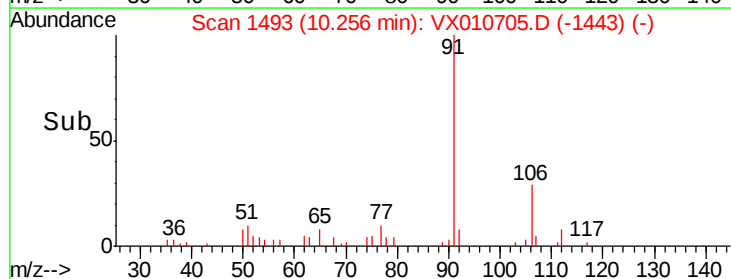
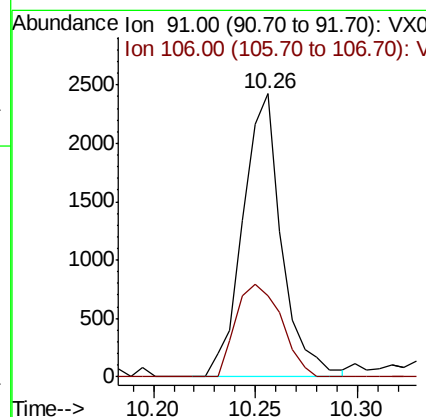
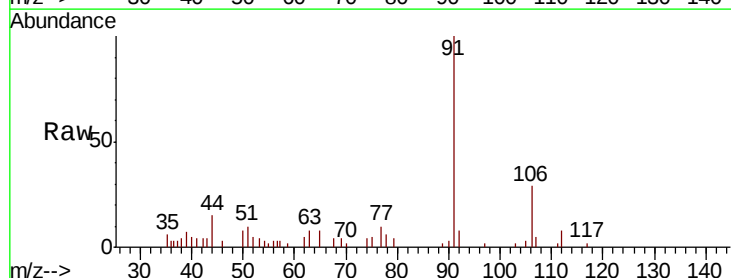
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702

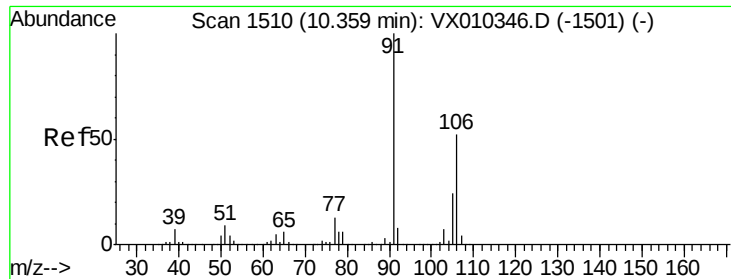
Tot Ion:112 Resp: 412250
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.2



#67
Ethyl Benzene
Concen: 0.283 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX010705.D
Acq: 08 Jul 2019 18:56

Tgt Ion: 91 Resp: 3214
Ion Ratio Lower Upper
91 100
106 28.6 26.2 39.2

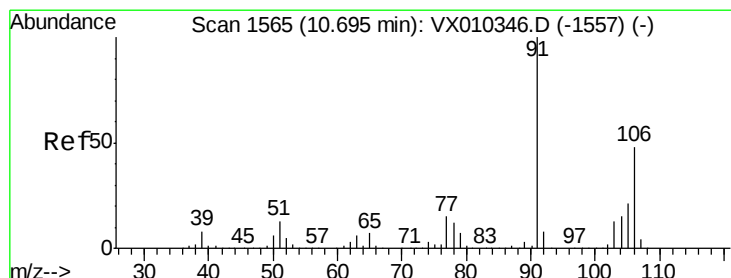
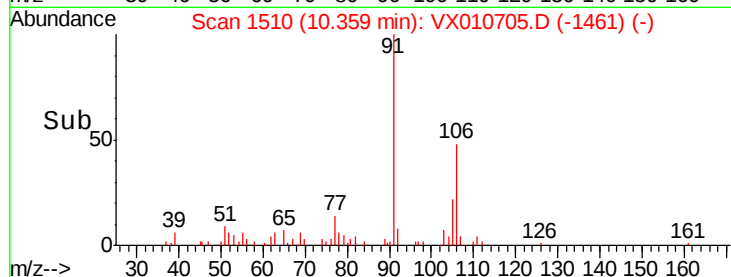
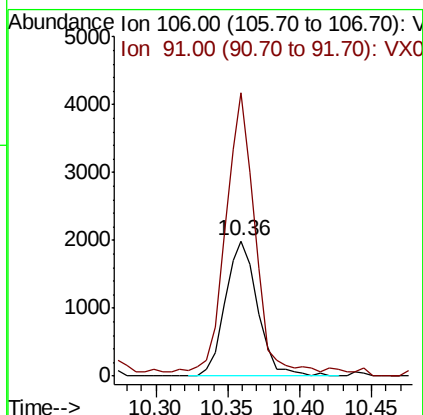
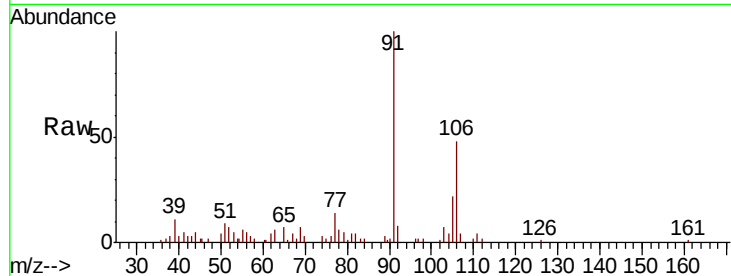




#68
m/p-Xylenes
Concen: 0.712 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010705.D
Acq: 08 Jul 2019 18:56

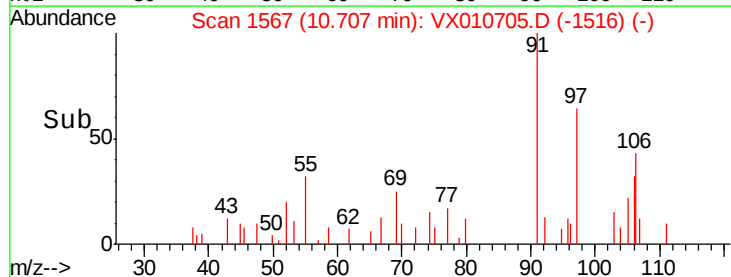
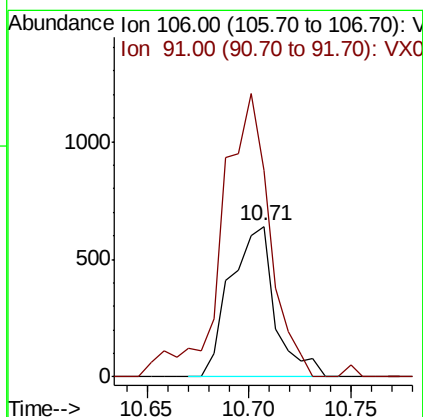
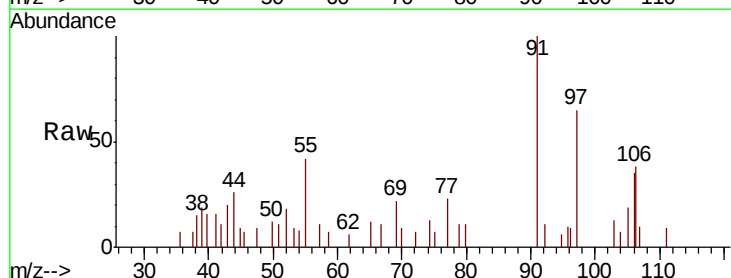
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702

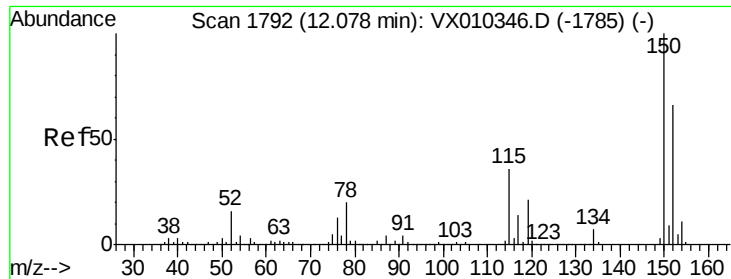
Tot Ion:106 Resp: 3138
Ion Ratio Lower Upper
106 100
91 185.2 155.3 232.9



#69
o-Xylene
Concen: 0.225 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VX010705.D
Acq: 08 Jul 2019 18:56

Tgt Ion:106 Resp: 974
Ion Ratio Lower Upper
106 100
91 201.5 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702

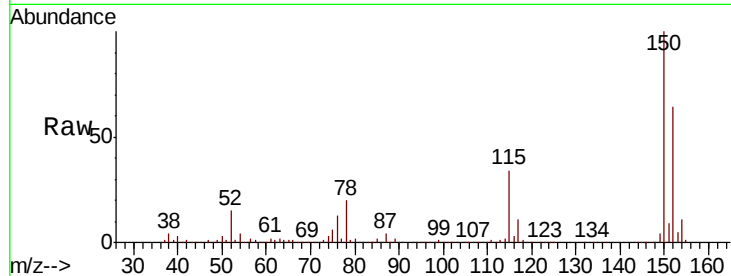
Tot Ion:152 Resp: 160231

Ion Ratio Lower Upper

152 100

115 54.5 38.6 115.7

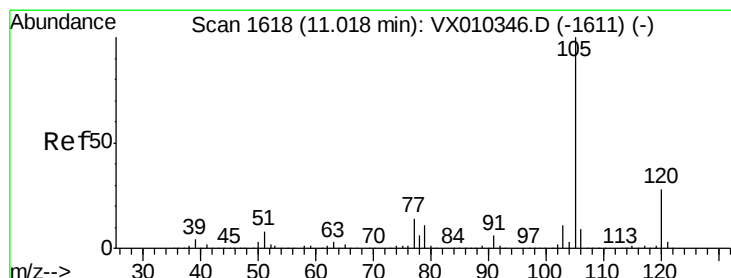
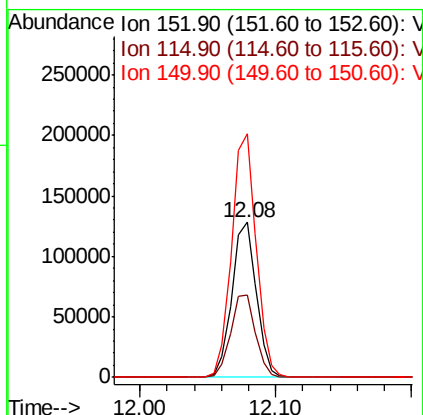
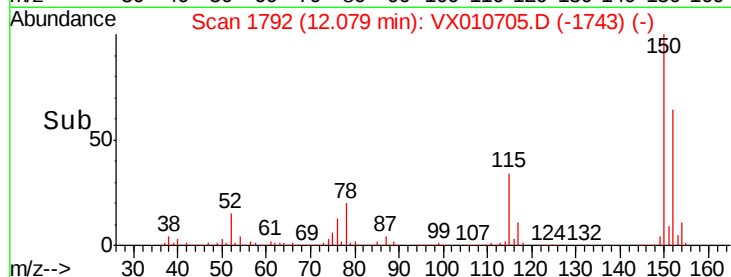
150 157.4 0.0 347.4



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: 0.934 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010705.D

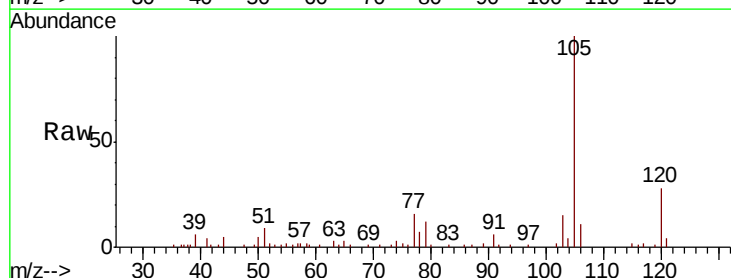
Acq: 08 Jul 2019 18:56

Tgt Ion:105 Resp: 10146

Ion Ratio Lower Upper

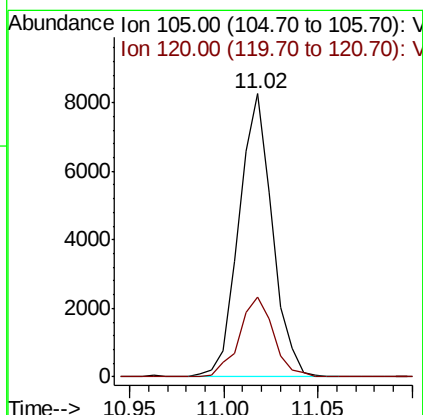
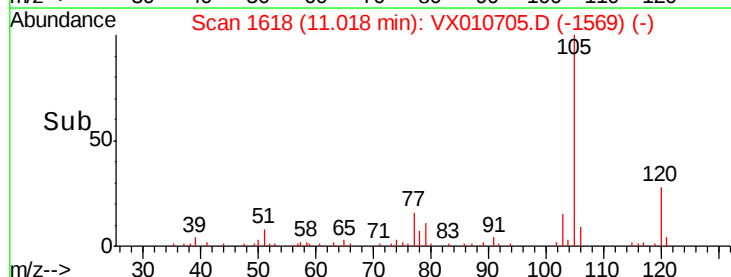
105 100

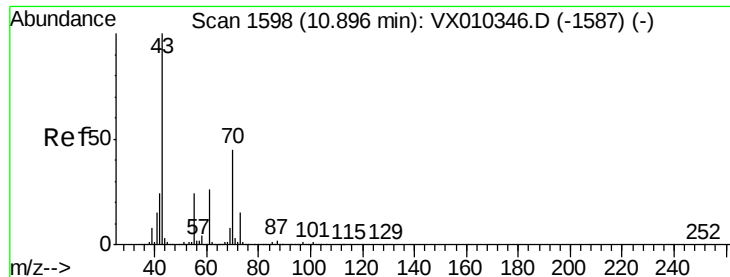
120 28.9 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.499 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702

Tot Ion: 43 Resp: 2047

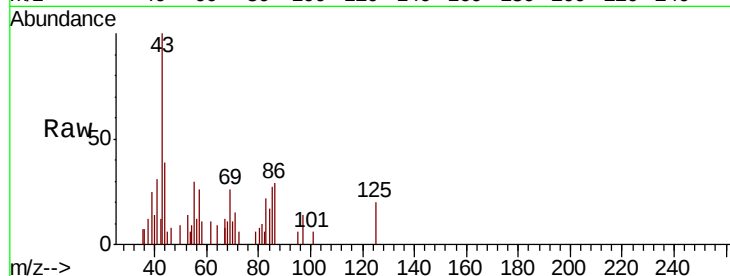
Ion Ratio Lower Upper

43 100

70 10.6 36.6 54.8#

55 0.0 18.7 28.1#

61 0.0 20.6 31.0#

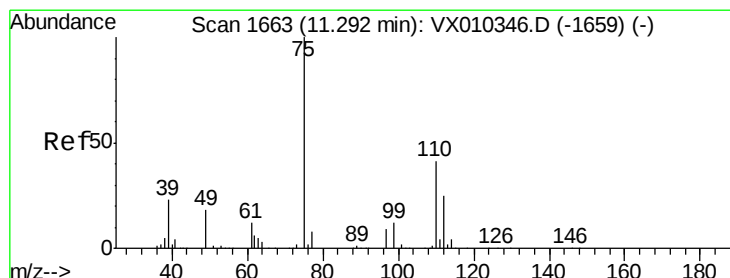
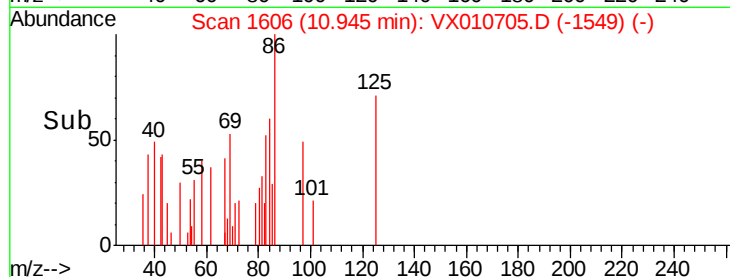
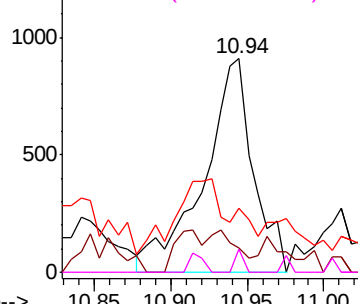


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 25.236 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010705.D

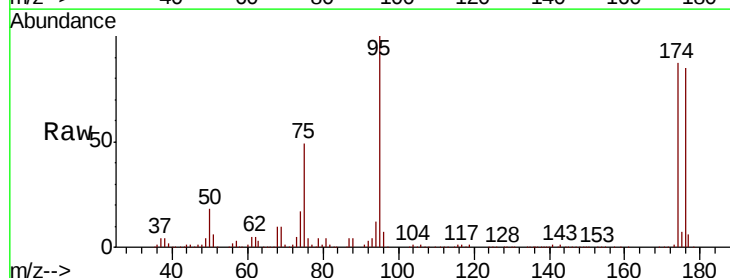
Acq: 08 Jul 2019 18:56

Tgt Ion: 75 Resp: 73686

Ion Ratio Lower Upper

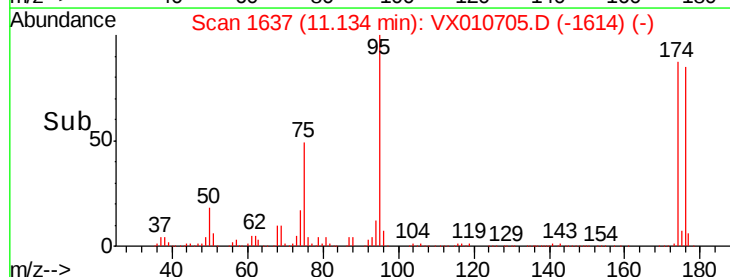
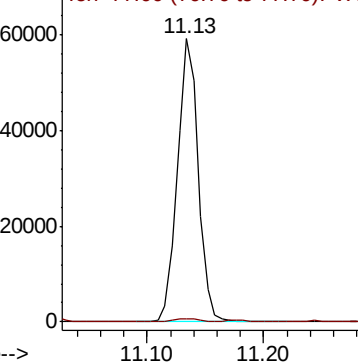
75 100

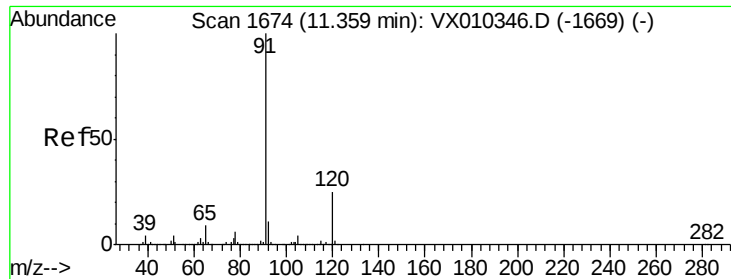
77 1.5 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.231 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

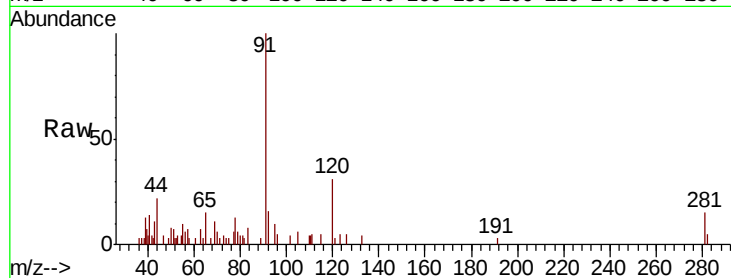
SS038RW151-190702

Tot Ion: 91 Resp: 2753

Ion Ratio Lower Upper

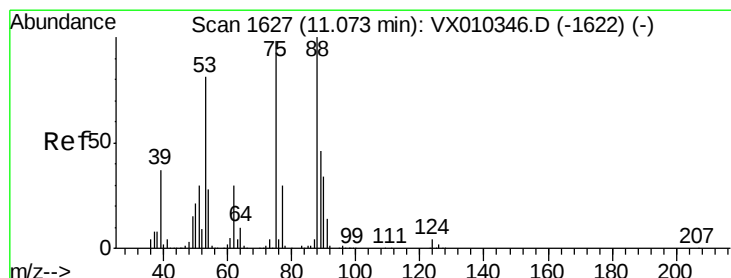
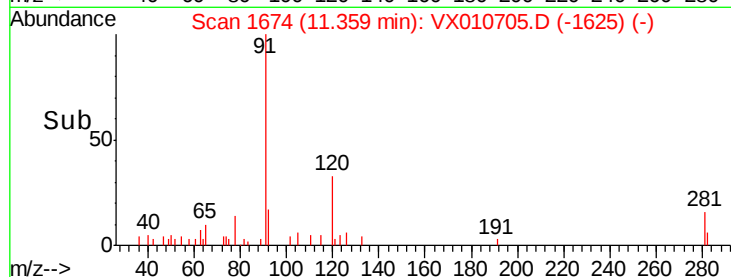
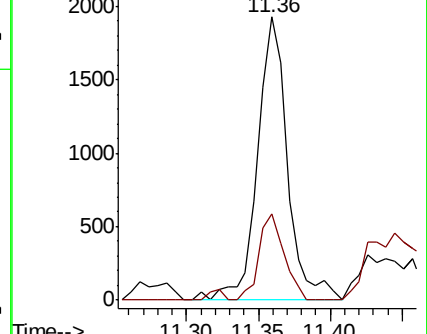
91 100

120 25.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 58.874 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

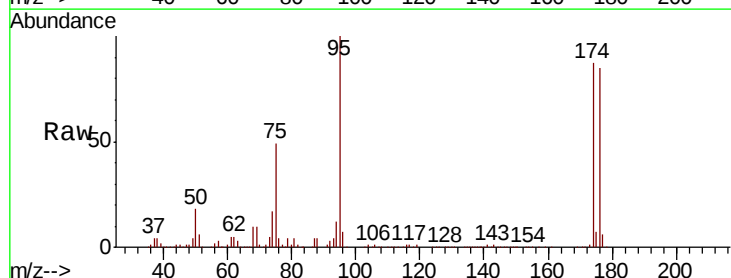
Tgt Ion: 75 Resp: 73686

Ion Ratio Lower Upper

75 100

53 0.0 66.1 99.1#

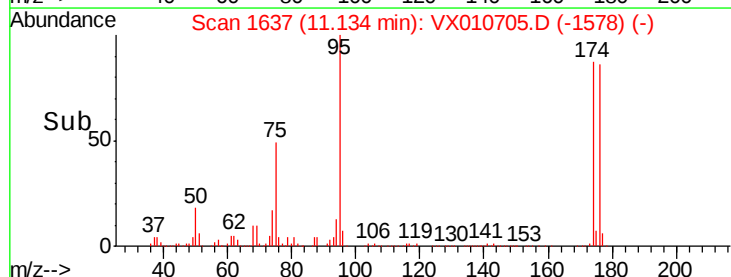
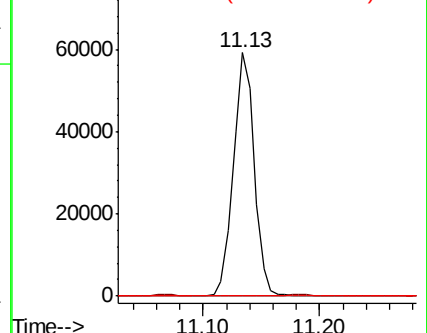
89 0.0 37.8 56.6#

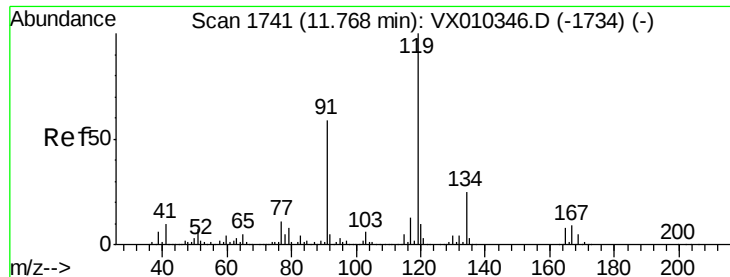


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

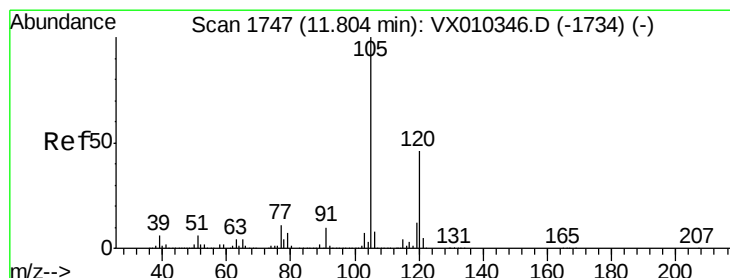
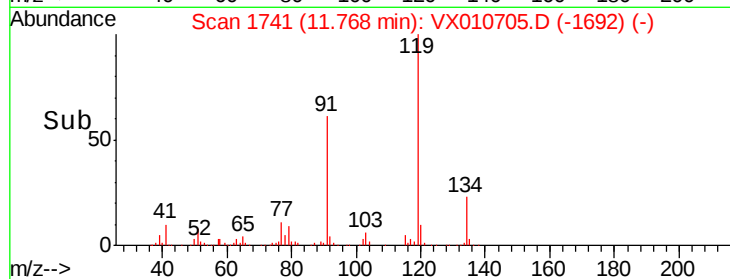
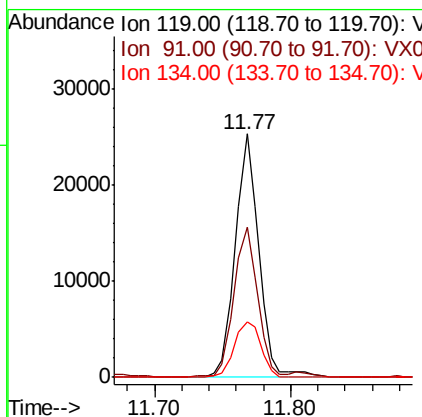
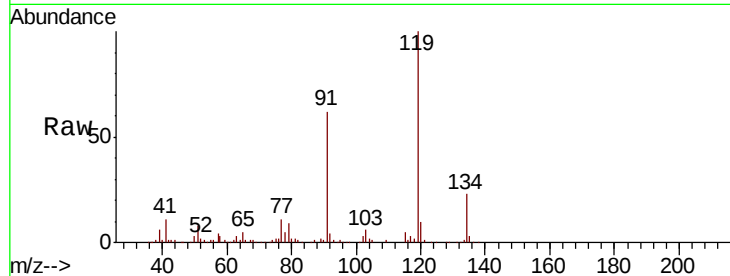




#83
 tert-Butylbenzene
 Concen: 3.401 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010705.D
 Acq: 08 Jul 2019 18:56

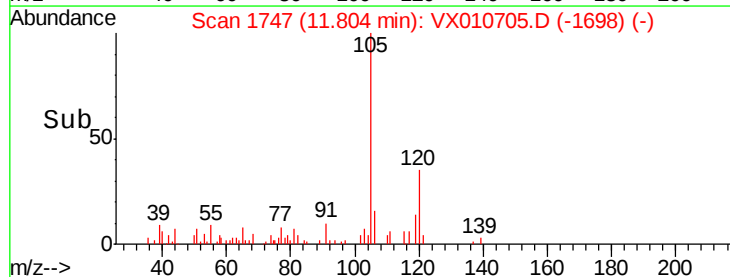
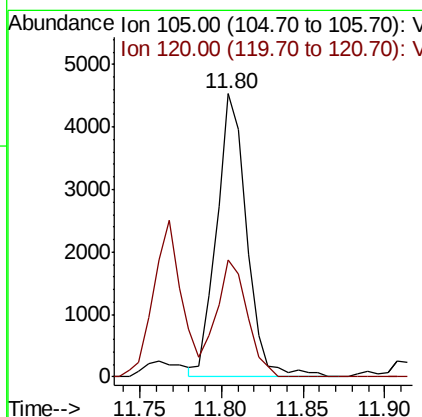
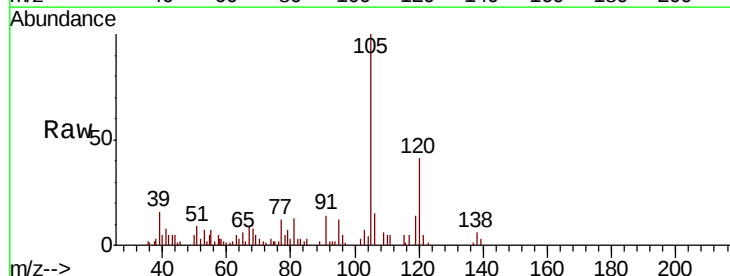
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702

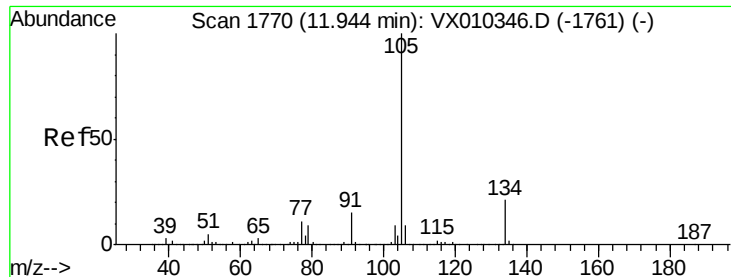
Tot Ion:119 Resp: 30568
 Ion Ratio Lower Upper
 119 100
 91 62.9 27.6 82.7
 134 25.9 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.649 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010705.D
 Acq: 08 Jul 2019 18:56

Tgt Ion:105 Resp: 5838
 Ion Ratio Lower Upper
 105 100
 120 42.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 2.885 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

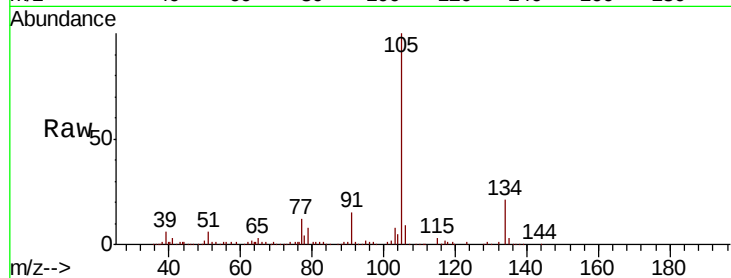
SS038RW151-190702

Tot Ion:105 Resp: 30441

Ion Ratio Lower Upper

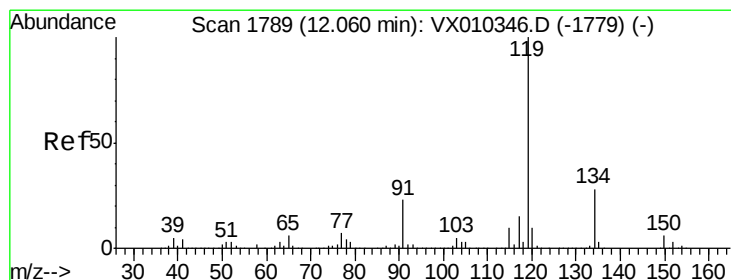
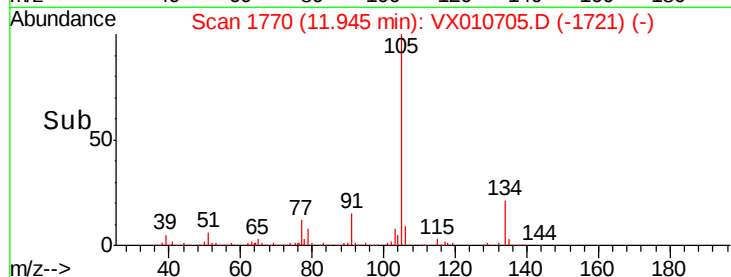
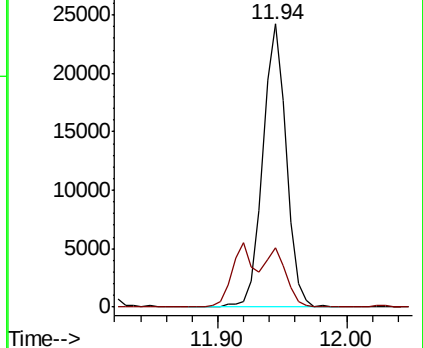
105 100

134 18.0 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 6.349 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

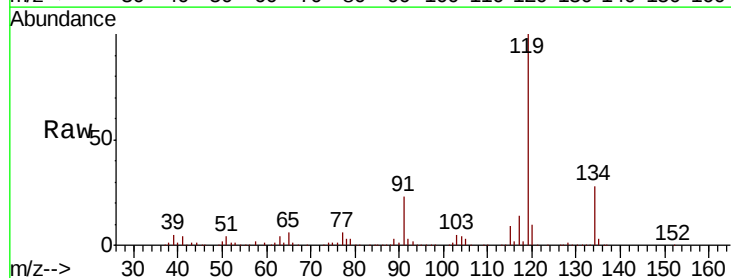
Tgt Ion:119 Resp: 61964

Ion Ratio Lower Upper

119 100

134 28.7 13.7 41.1

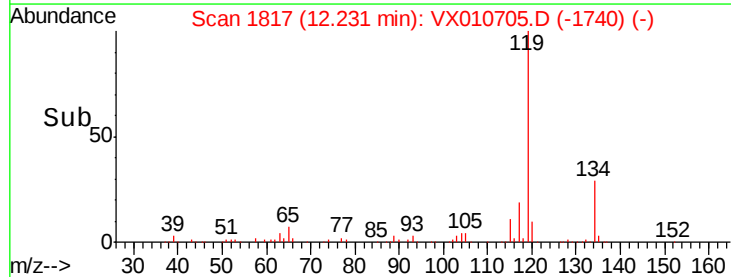
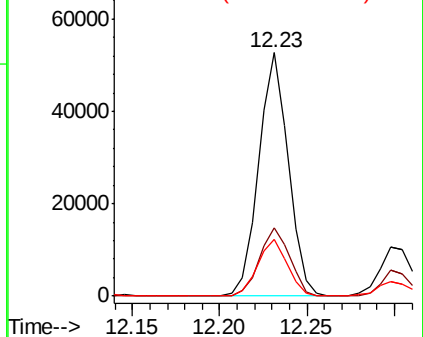
91 23.9 11.3 33.8

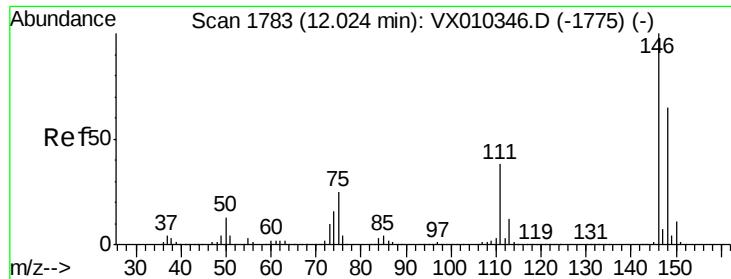


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

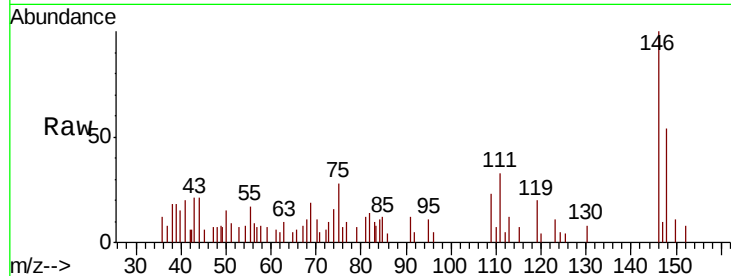




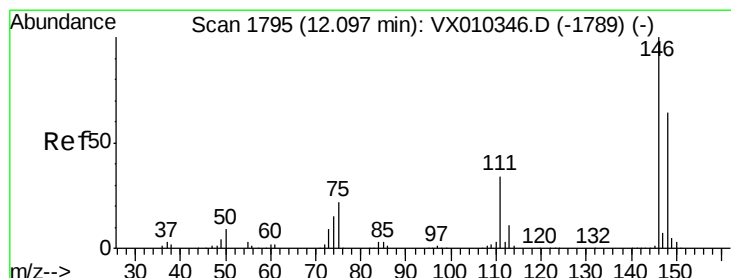
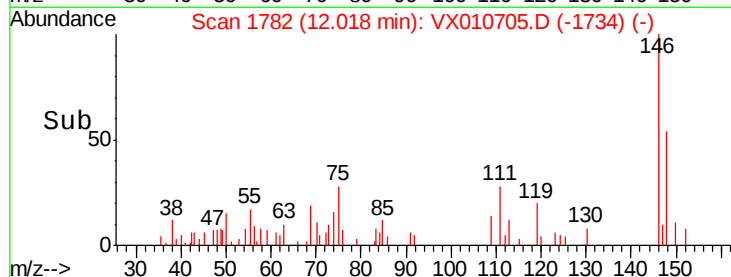
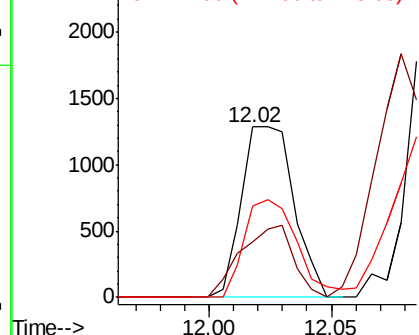
#87
 1,3-Dichlorobenzene
 Concen: 0.362 ug/l
 RT: 12.02 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: VX010705.D
 Acq: 08 Jul 2019 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702

Tot Ion:146 Resp: 1916
 Ion Ratio Lower Upper
 146 100
 111 42.3 19.1 57.1
 148 57.8 32.5 97.4

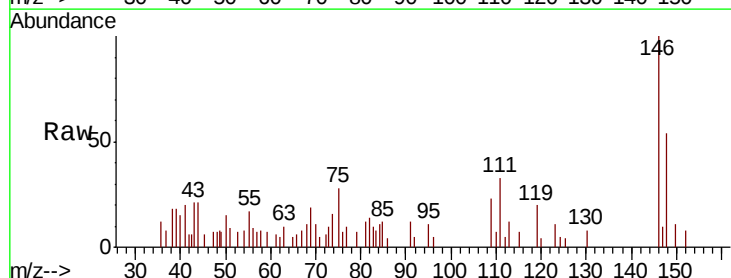


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

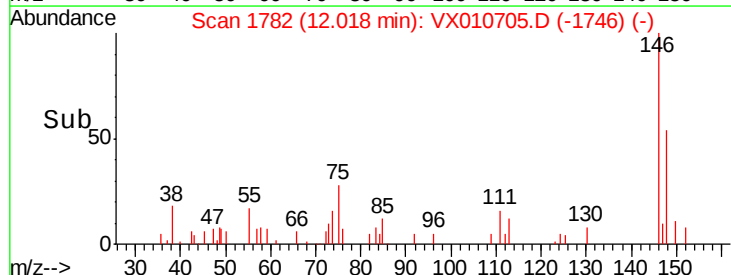
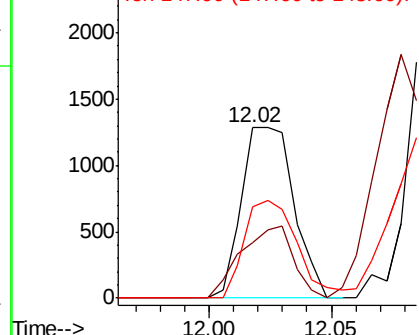


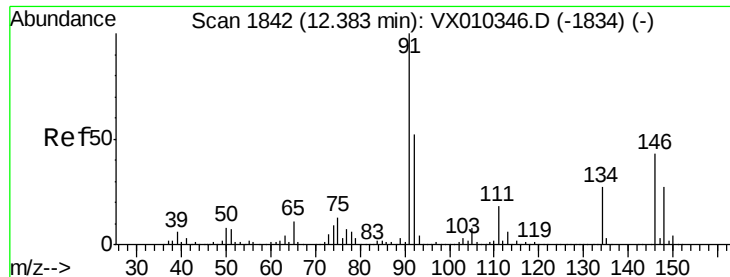
#88
 1,4-Dichlorobenzene
 Concen: 0.355 ug/l
 RT: 12.02 min Scan# 1782
 Delta R.T. -0.08 min
 Lab File: VX010705.D
 Acq: 08 Jul 2019 18:56

Tgt Ion:146 Resp: 1916
 Ion Ratio Lower Upper
 146 100
 111 42.3 18.1 54.3
 148 57.8 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: 0.382 ug/l

RT: 12.37 min Scan# 1839

Delta R.T. -0.02 min

Lab File: VX010705.D

Acq: 08 Jul 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190702

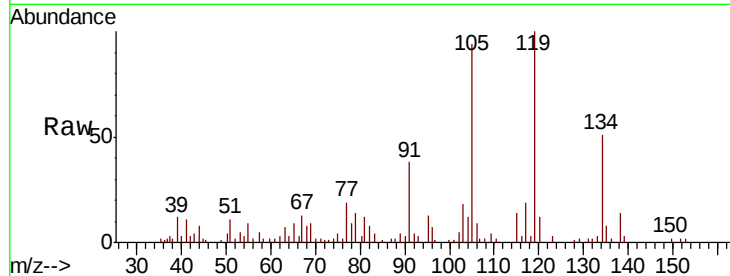
Tot Ion: 91 Resp: 3166

Ion Ratio Lower Upper

91 100

92 25.2 26.2 78.5#

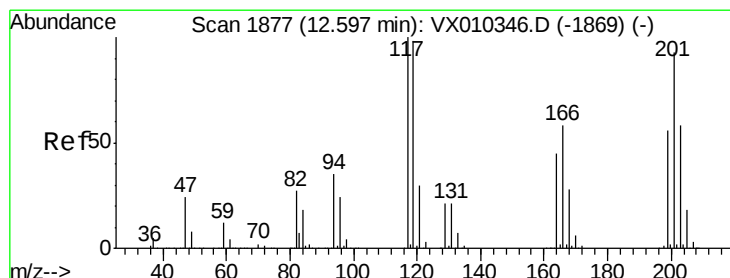
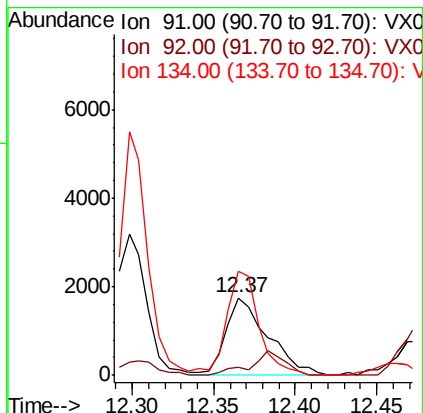
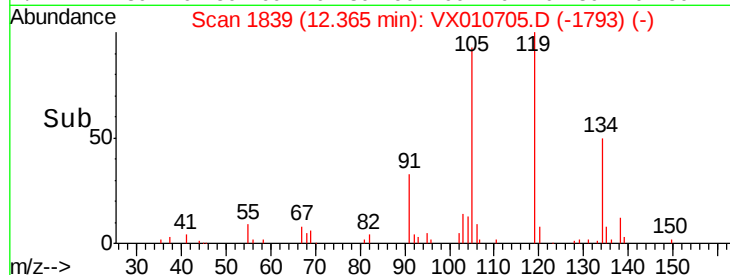
134 103.4 14.1 42.4#



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: 1.383 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX010705.D

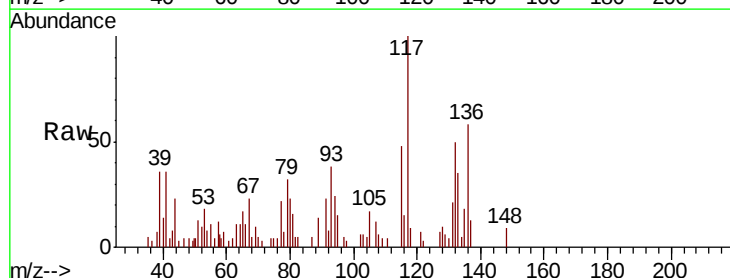
Acq: 08 Jul 2019 18:56

Tgt Ion: 117 Resp: 2334

Ion Ratio Lower Upper

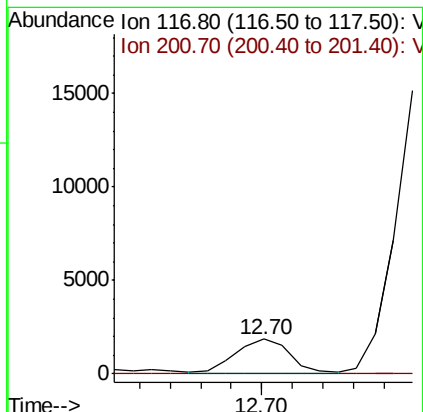
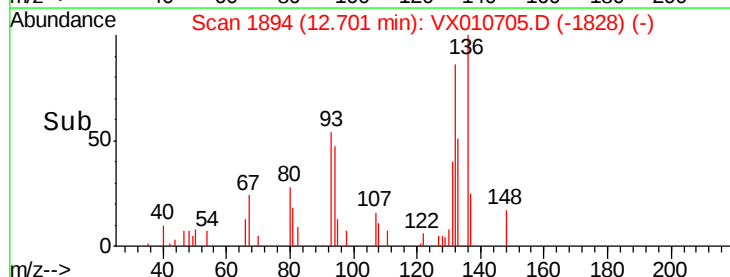
117 100

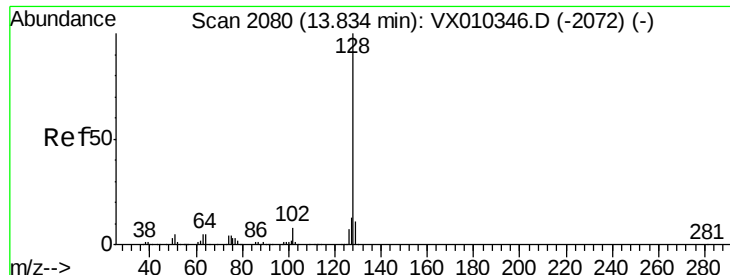
201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

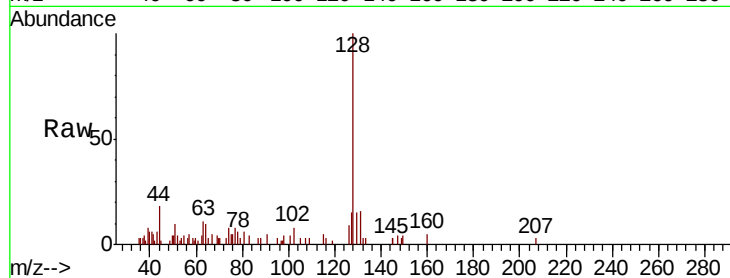




#95
Naphthalene
Concen: 0.363 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010705.D
Acq: 08 Jul 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190702

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.2	15.4
129	23.7	8.9	13.3#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

