

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010494.D
 Acq On : 27 Jun 2019 17:16
 Operator : JC/SP
 Sample : K3565-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:49:16 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	265363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400433	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	371886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185712	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	123428	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
35) Dibromofluoromethane	5.50	113	120948	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
50) Toluene-d8	8.71	98	480052	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.13	95	167753	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	500	0.233	ug/l #	73
5) Bromomethane	1.65	94	390	0.340	ug/l	87
6) Chloroethane	1.65	64	1779	1.282	ug/l #	63
11) Tert butyl alcohol	3.01	59	486	0.746	ug/l #	74
13) Acrolein	2.29	56	97	0.225	ug/l #	14
16) Acetone	2.45	43	2357	1.890	ug/l	98
31) Cyclohexane	5.59	56	56801	15.805	ug/l	97
36) 1,1-Dichloropropene	5.65	75	16084	5.055	ug/l #	38
38) Carbon Tetrachloride	5.67	117	23322	6.768	ug/l #	16
39) Methylcyclohexane	7.46	83	78618	18.796	ug/l	98
40) Benzene	6.15	78	2533	0.256	ug/l	93
41) Methacrylonitrile	5.06	41	465	0.259	ug/l #	21
45) 1,2-Dichloropropane	7.47	63	973	0.389	ug/l #	1
48) Methyl methacrylate	7.74	41	2651	1.053	ug/l #	40
49) 1,4-Dioxane	7.67	88	20	0.276	ug/l #	1
52) Toluene	8.79	92	23182	3.551	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	1341	0.498	ug/l #	20
59) 2-Hexanone	9.51	43	598	0.219	ug/l	93
67) Ethyl Benzene	10.26	91	6653000	521.966	ug/l	97
68) m/p-Xylenes	10.37	106	7076552	1432.855	ug/l	93
69) o-Xylene	10.70	106	2098526	432.077	ug/l	99
70) Styrene	10.70	104	103955	12.763	ug/l #	1
73) Isopropylbenzene	11.02	105	790557	62.798	ug/l	99
76) 1,2,3-Trichloropropane	11.36	75	5007	1.480	ug/l #	1
78) n-propylbenzene	11.36	91	790449	57.131	ug/l	99
79) 2-Chlorotoluene	11.43	91	324900	39.435	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	1097903	105.790	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.02	75	8926	6.153	ug/l #	60
82) 4-Chlorotoluene	11.51	91	114381	12.201	ug/l #	42
83) tert-Butylbenzene	11.80	119	354526	34.036	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.80	105	2795240	268.083	ug/l	99
85) sec-Butylbenzene	11.80	105	2795240	228.552	ug/l #	55
86) p-Isopropyltoluene	12.02	119	66913	5.915	ug/l	96
89) n-Butylbenzene	12.37	91	21153	2.200	ug/l #	1

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

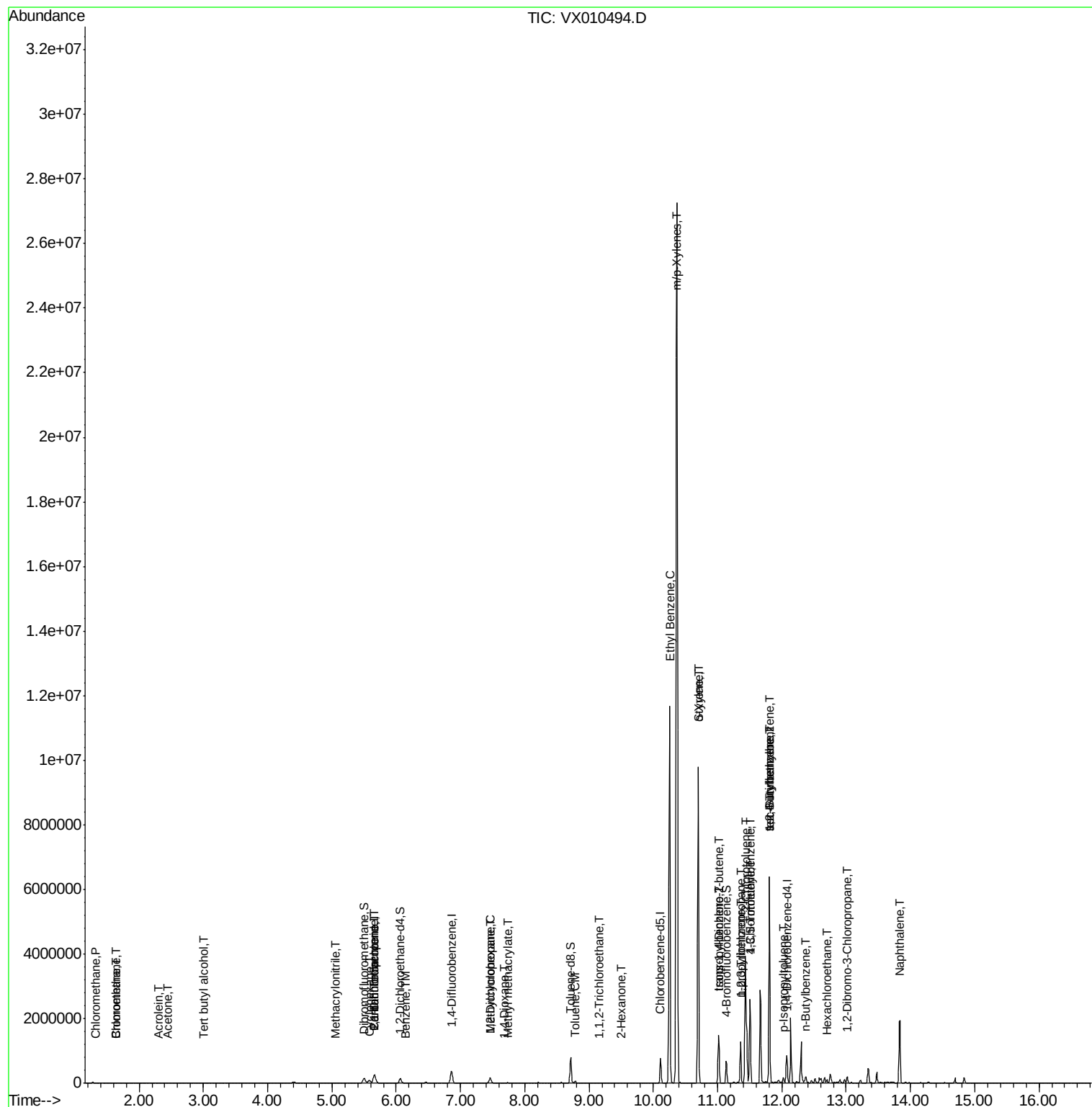
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.70	117	32975	16.858	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	952	1.059	ug/l #	1
95) Naphthalene	13.83	128	1270440	97.753	ug/l	100

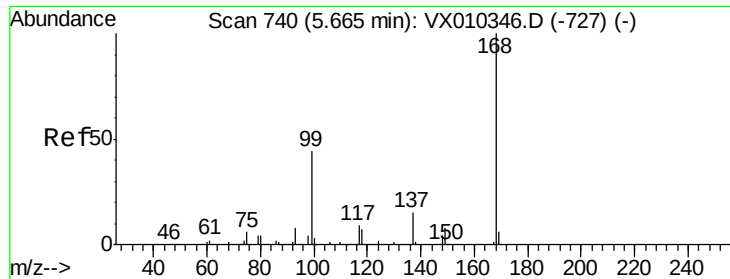
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010494.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_X

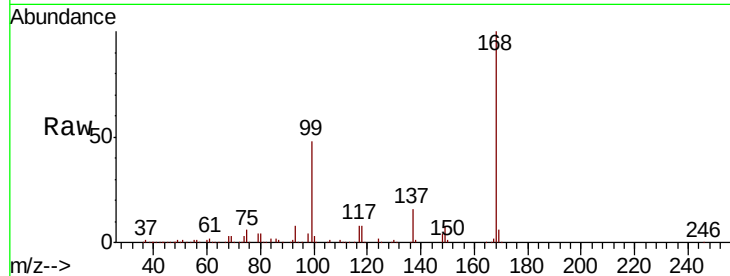
ClientSampleId :

Tot Ion:168 Resp: 265363

Ion Ratio Lower Upper

168 100

99 48.1 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

100000

80000

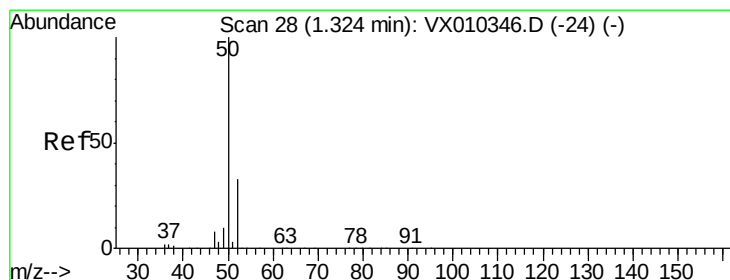
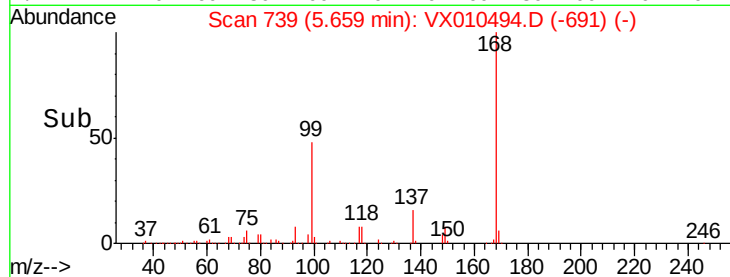
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.233 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010494.D

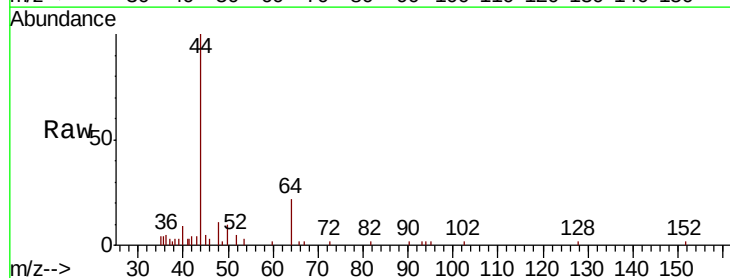
Acq: 27 Jun 2019 17:16

Tgt Ion: 50 Resp: 500

Ion Ratio Lower Upper

50 100

52 48.6 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

400

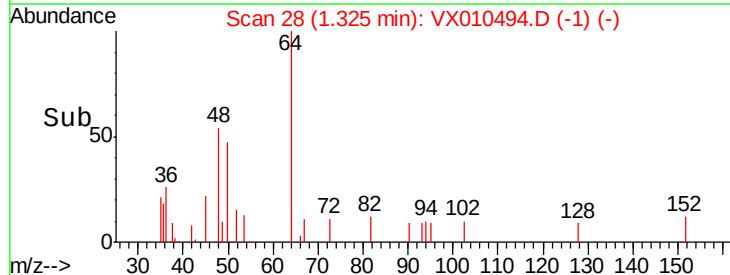
300

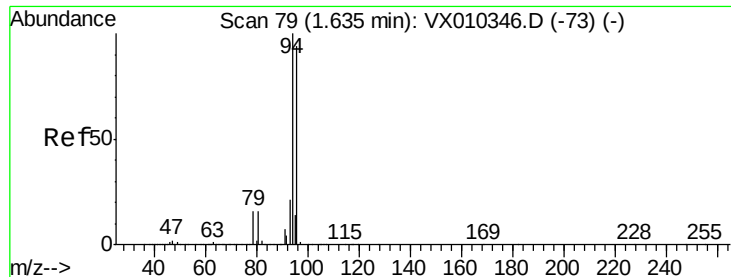
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.340 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

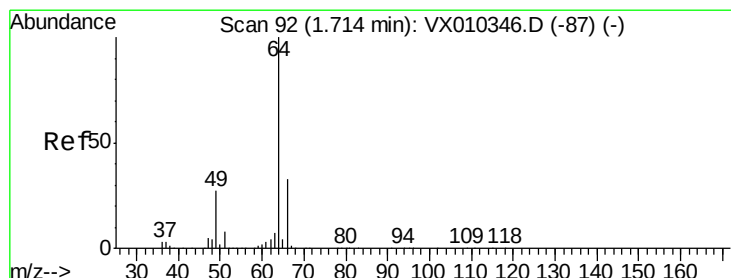
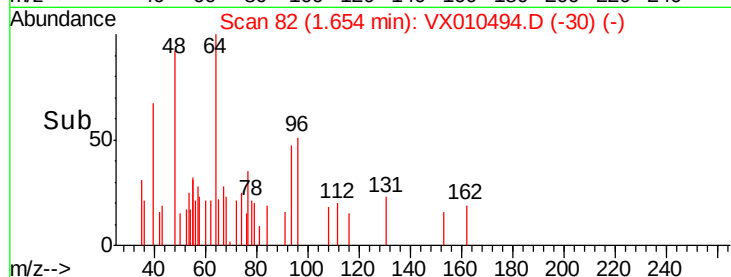
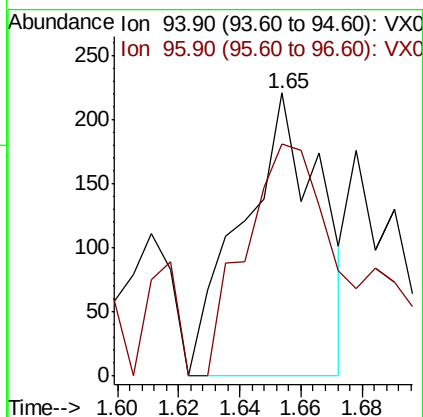
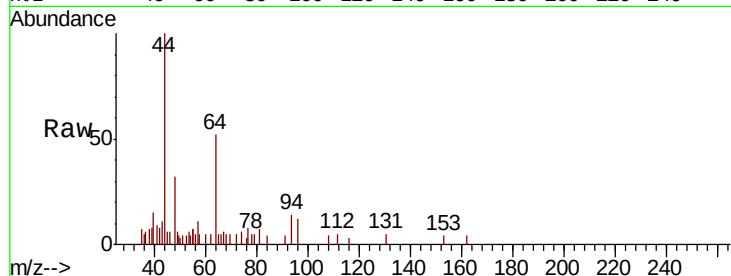
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 390

Ion Ratio Lower Upper

94 100

96 81.9 75.5 113.3



#6

Chloroethane

Concen: 1.282 ug/l

RT: 1.65 min Scan# 82

Delta R.T. -0.06 min

Lab File: VX010494.D

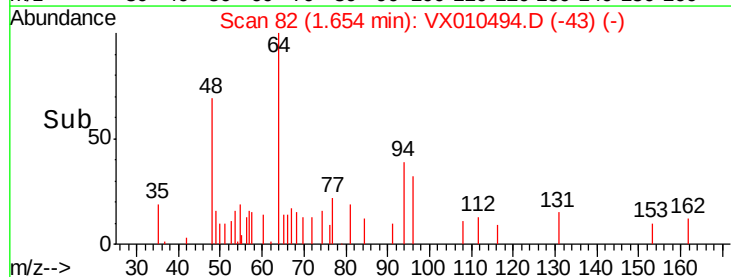
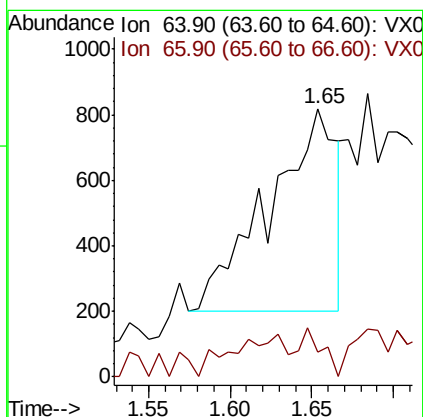
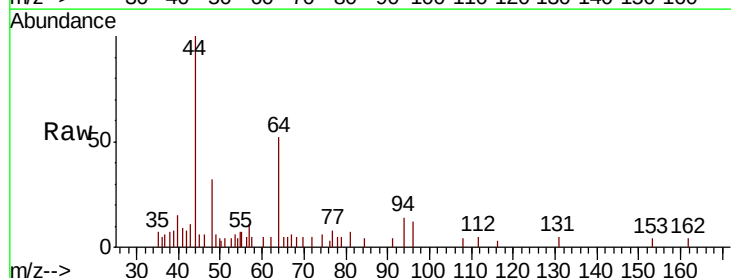
Acq: 27 Jun 2019 17:16

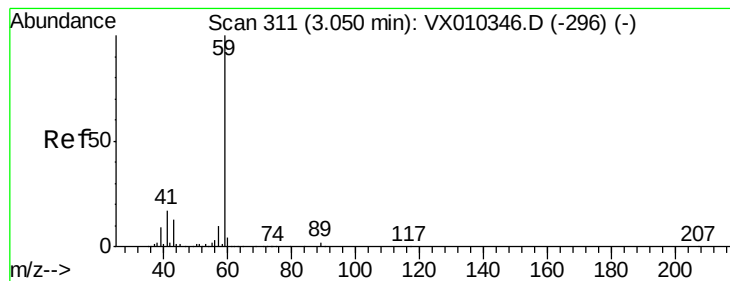
Tgt Ion: 64 Resp: 1779

Ion Ratio Lower Upper

64 100

66 12.2 26.6 40.0#



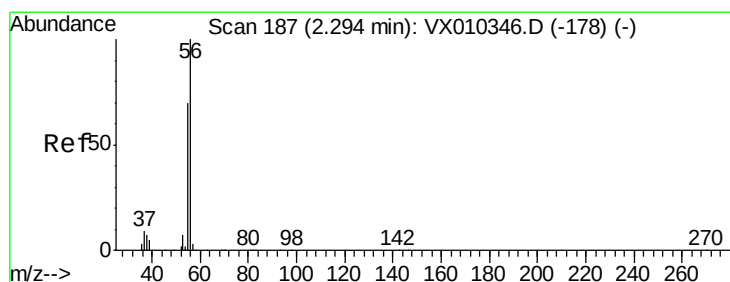
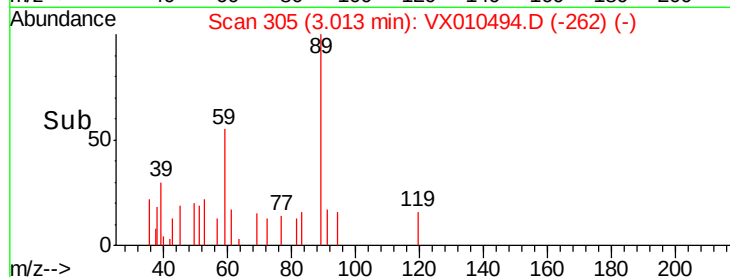
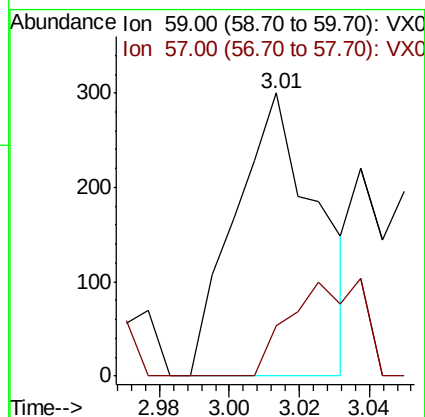
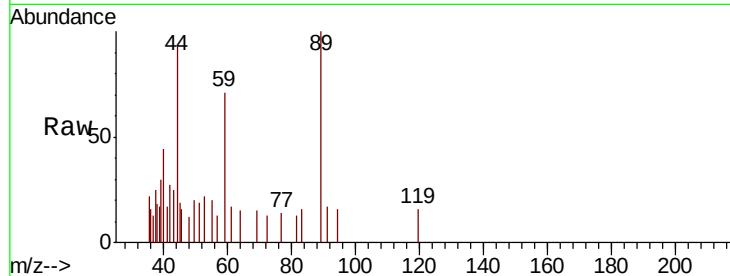


#11

Tert butyl alcohol
Concen: 0.746 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX010494.D
Acq: 27 Jun 2019 17:16

Instrument :
MSVOA_X
ClientSampled :

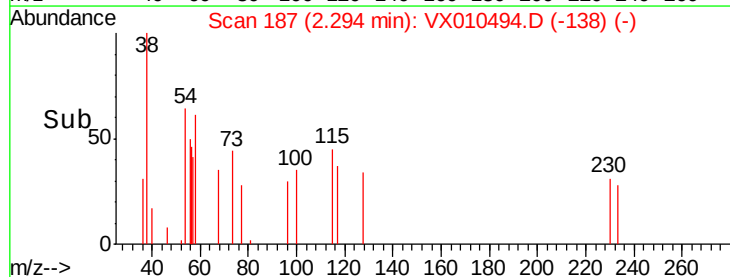
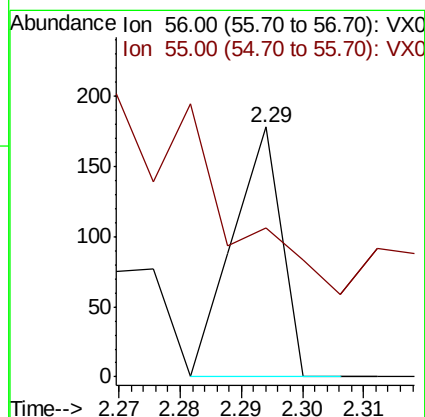
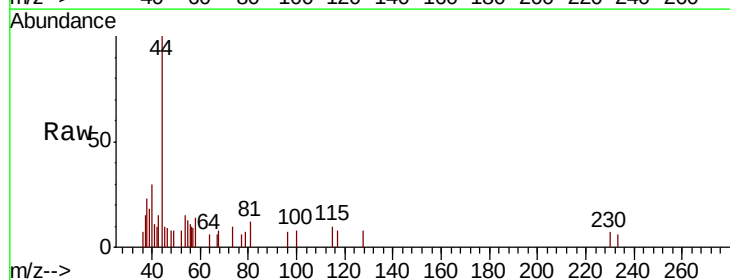
Tot Ion: 59 Resp: 486
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

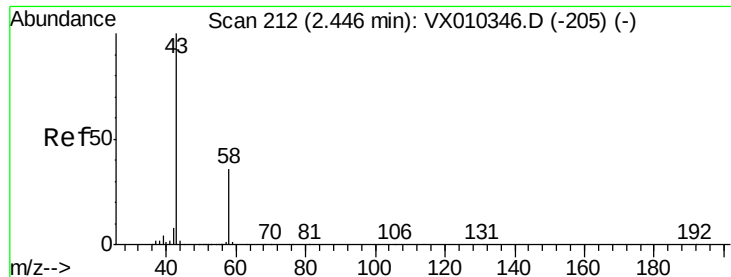


#13

Acrolein
Concen: 0.225 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010494.D
Acq: 27 Jun 2019 17:16

Tgt Ion: 56 Resp: 97
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#





#16

Acetone

Concen: 1.890 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

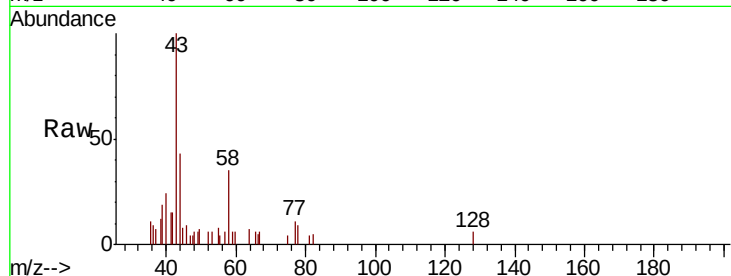
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2357

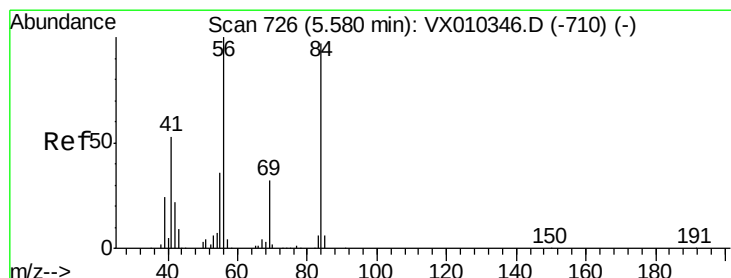
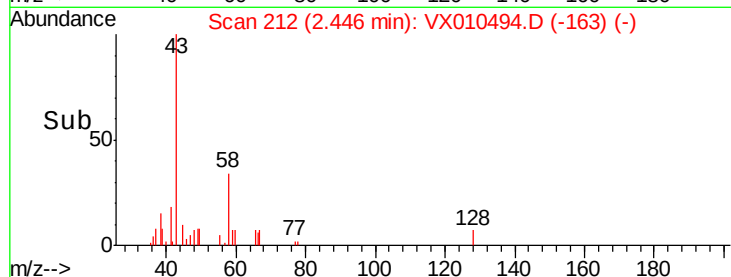
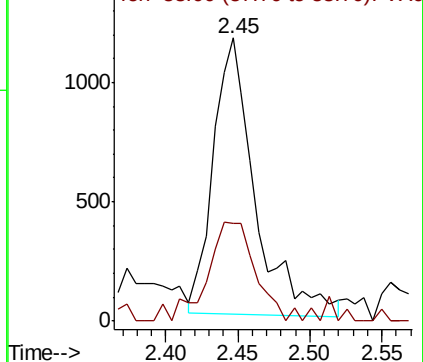
Ion Ratio Lower Upper

43 100

58 37.2 28.9 43.3



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



#31

Cyclohexane

Concen: 15.805 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

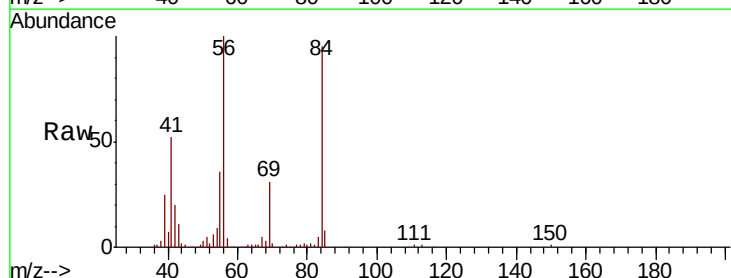
Tgt Ion: 56 Resp: 56801

Ion Ratio Lower Upper

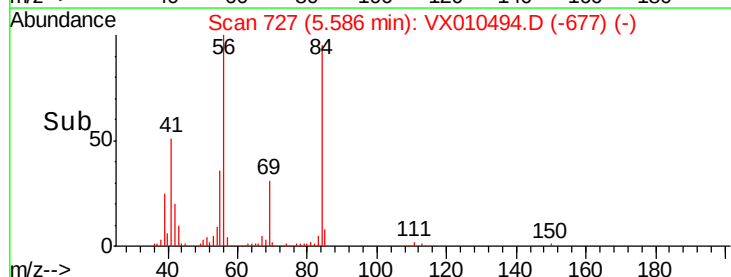
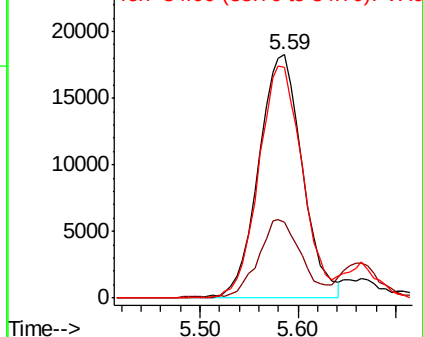
56 100

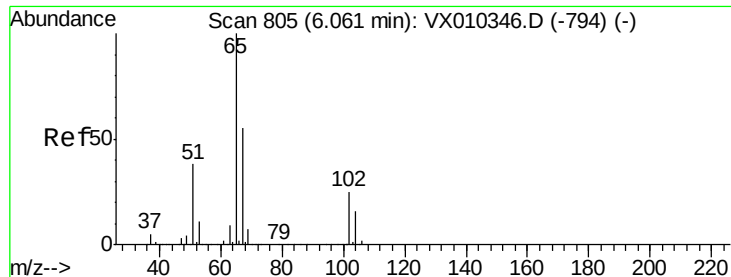
69 30.7 25.9 38.9

84 95.1 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

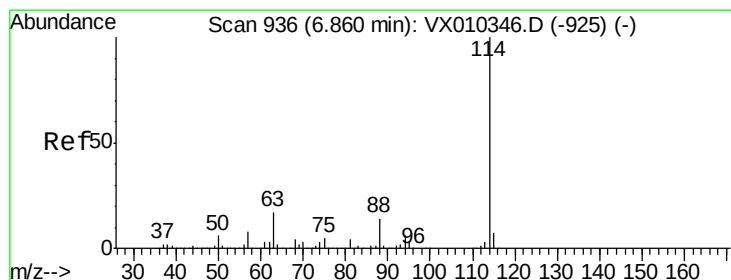
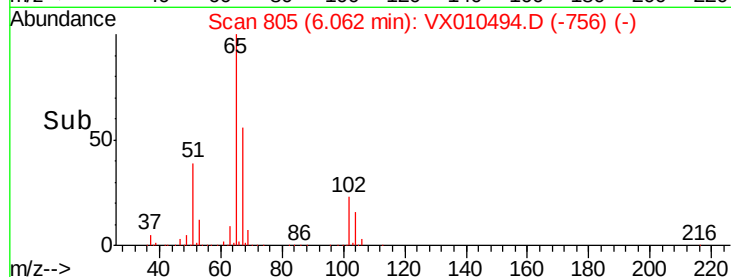
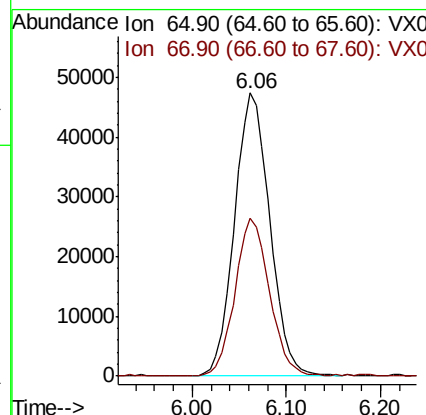
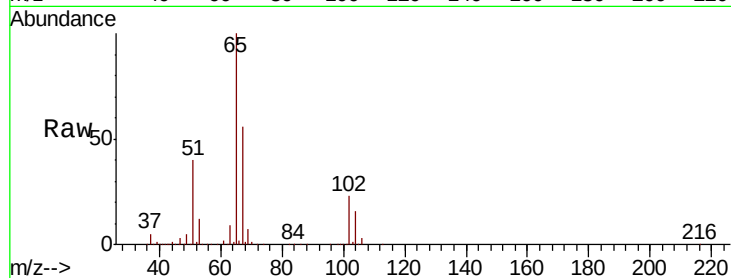




#33
 1,2-Dichloroethane-d4
 Concen: 49.608 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010494.D
 Acq: 27 Jun 2019 17:16

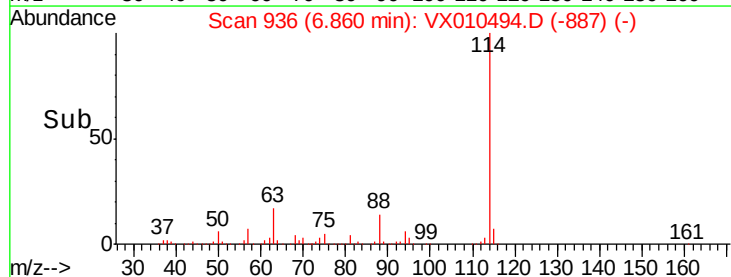
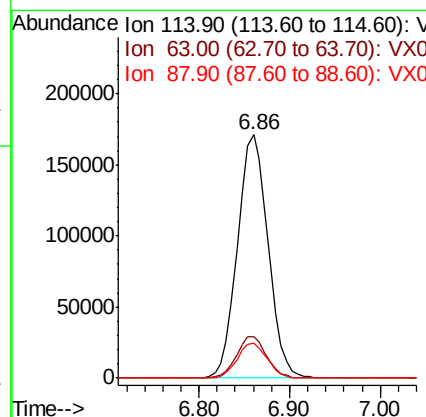
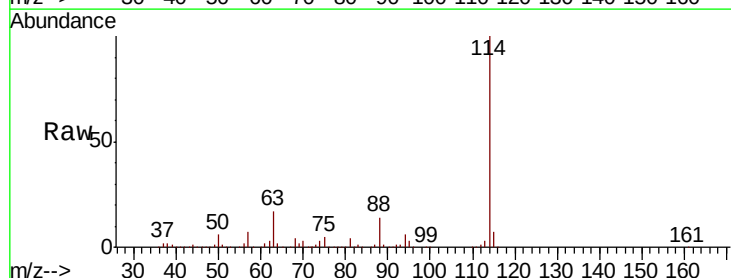
Instrument :
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 ClientSampleId :

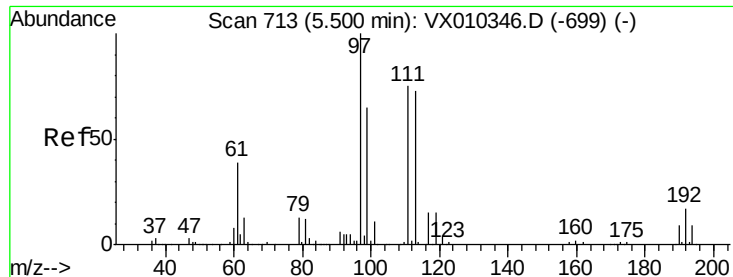
Tot Ion: 65 Resp: 123428
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010494.D
 Acq: 27 Jun 2019 17:16

Tgt Ion: 114 Resp: 400433
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.8
 88 14.1 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.367 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

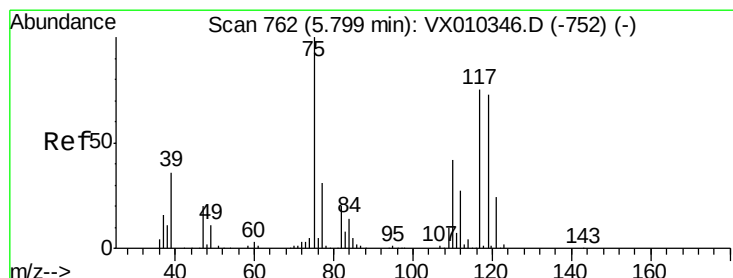
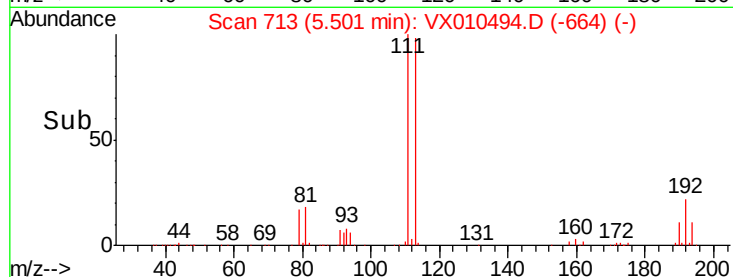
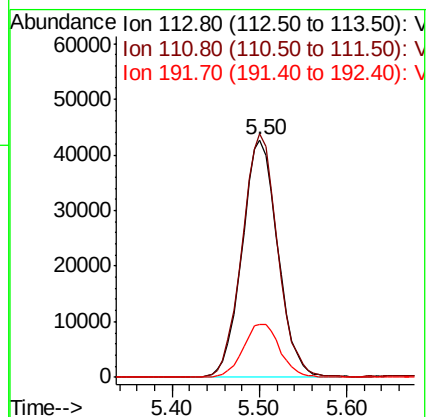
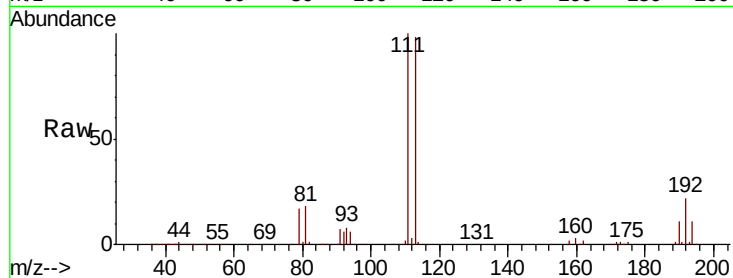
Tot Ion:113 Resp: 120948

Ion Ratio Lower Upper

113 100

111 102.0 81.2 121.8

192 23.0 18.6 27.8



#36

1,1-Dichloropropene

Concen: 5.055 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

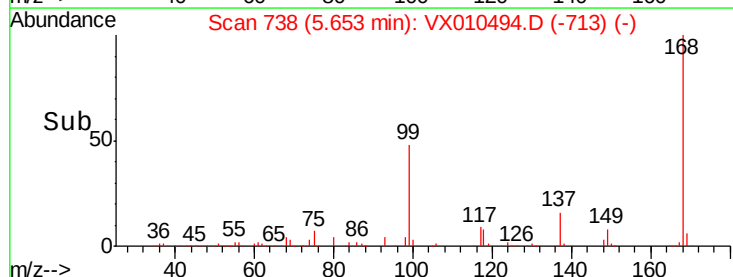
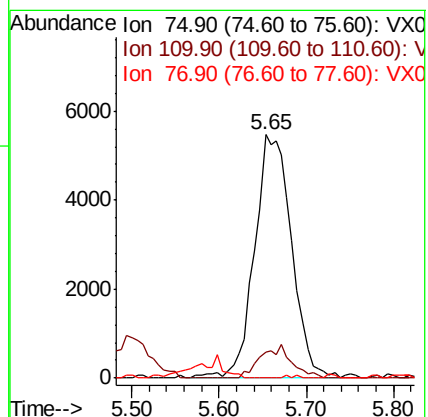
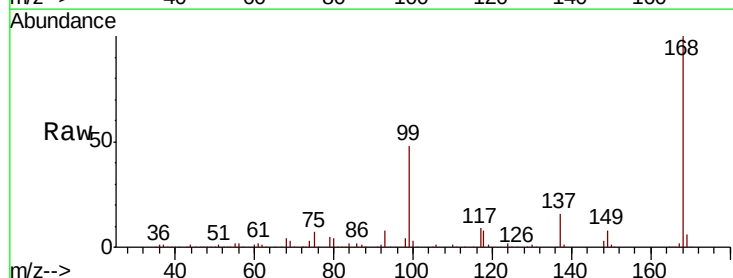
Tgt Ion: 75 Resp: 16084

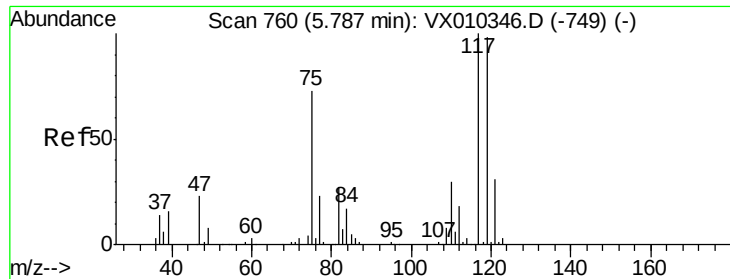
Ion Ratio Lower Upper

75 100

110 0.0 20.8 62.2#

77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.768 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_X

ClientSampled :

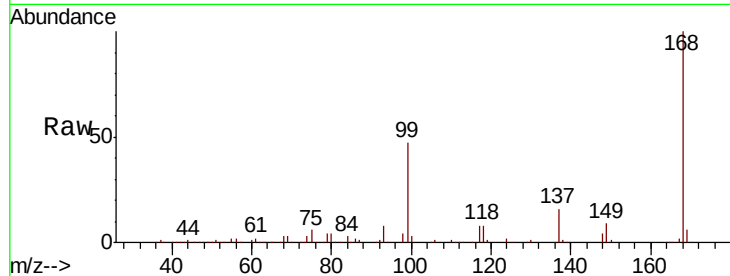
Tot Ion:117 Resp: 23322

Ion Ratio Lower Upper

117 100

119 6.0 78.2 117.4#

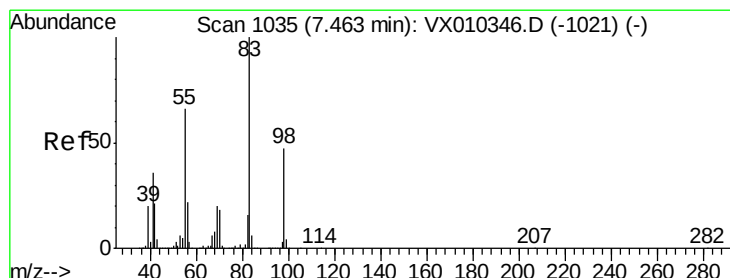
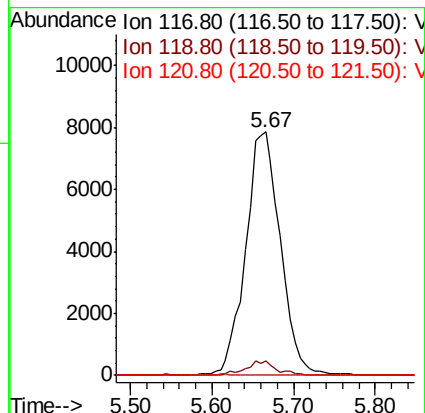
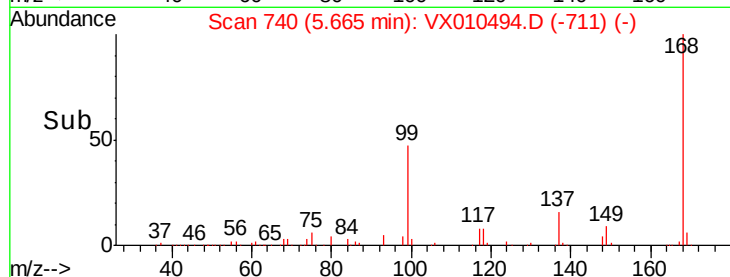
121 0.0 24.7 37.1#



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: 18.796 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

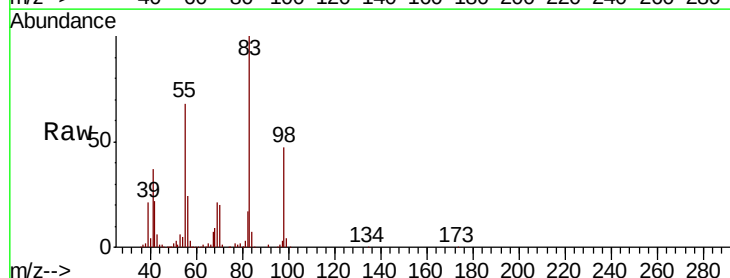
Tgt Ion: 83 Resp: 78618

Ion Ratio Lower Upper

83 100

55 68.2 53.0 79.6

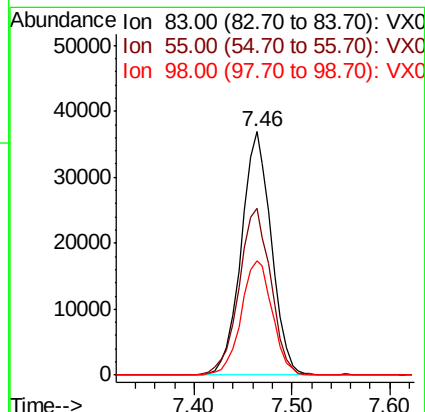
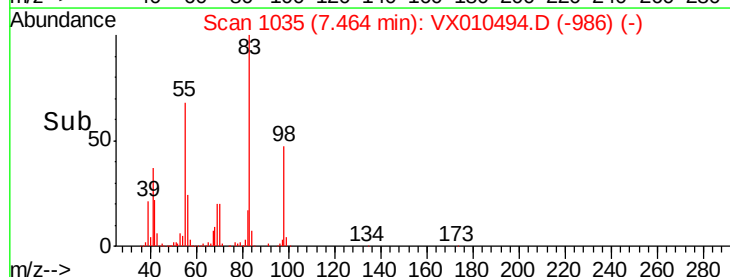
98 46.9 37.8 56.8

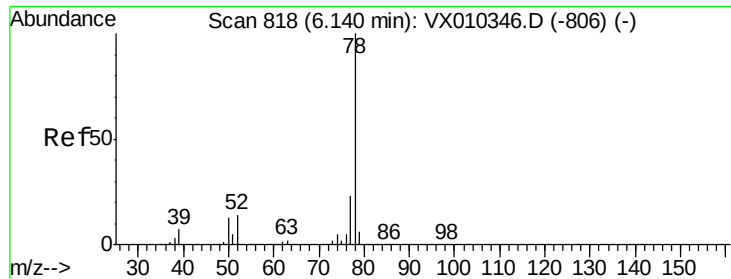


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.256 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

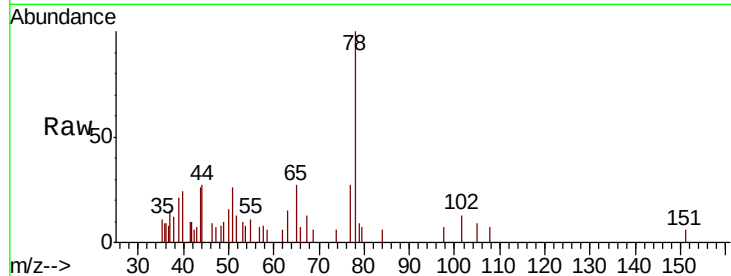
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 78 Resp: 2533

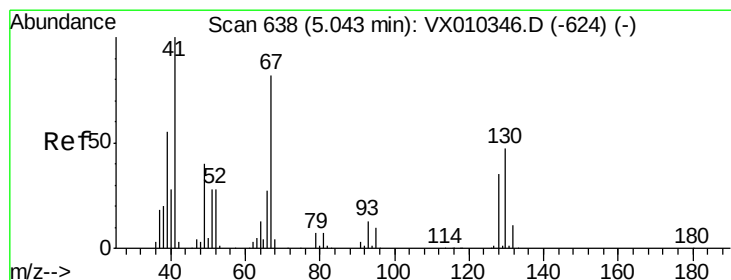
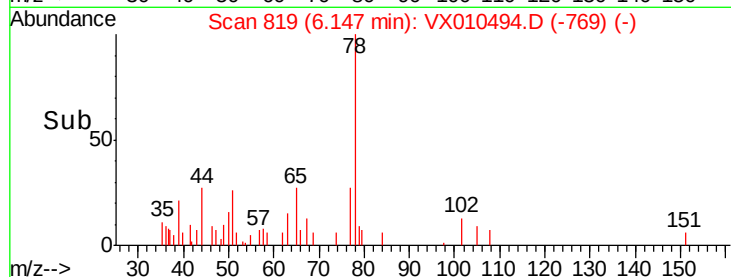
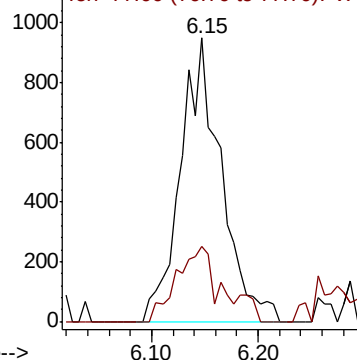
Ion Ratio Lower Upper

78 100

77 26.7 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 0.259 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

Tgt Ion: 41 Resp: 465

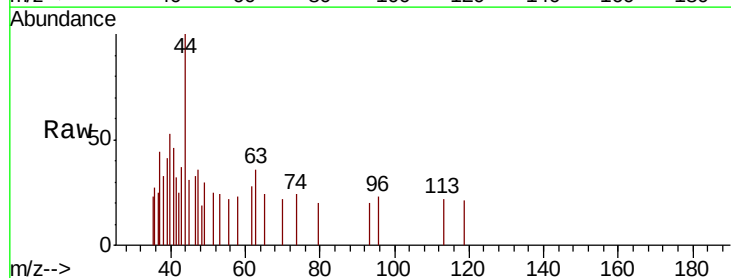
Ion Ratio Lower Upper

41 100

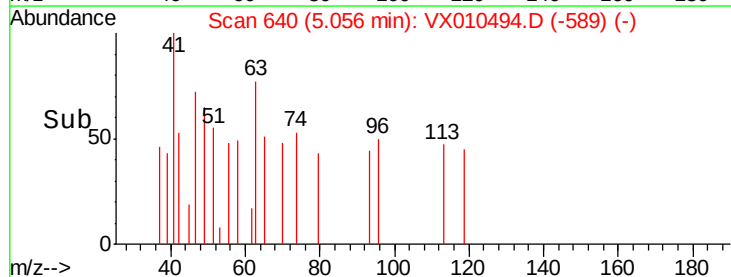
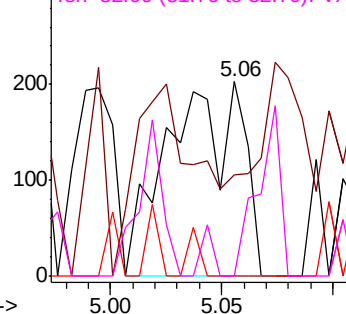
39 0.0 43.8 65.8#

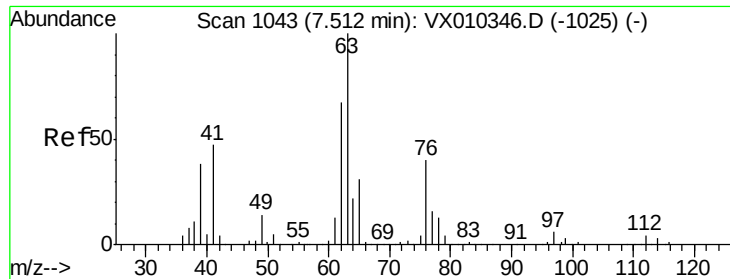
67 0.0 66.6 100.0#

52 4.1 24.5 36.7#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0





#45

1,2-Dichloropropane

Concen: 0.389 ug/l

RT: 7.47 min Scan# 1036

Delta R.T. -0.04 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_X

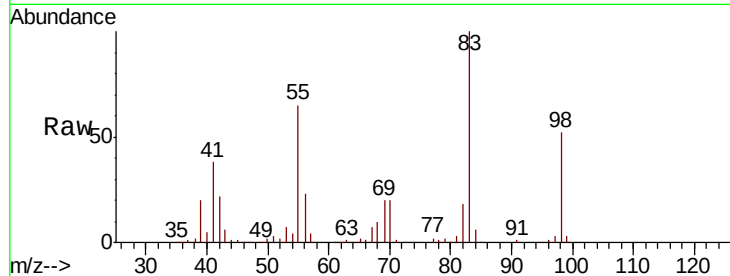
ClientSampled :

Tot Ion: 63 Resp: 973

Ion Ratio Lower Upper

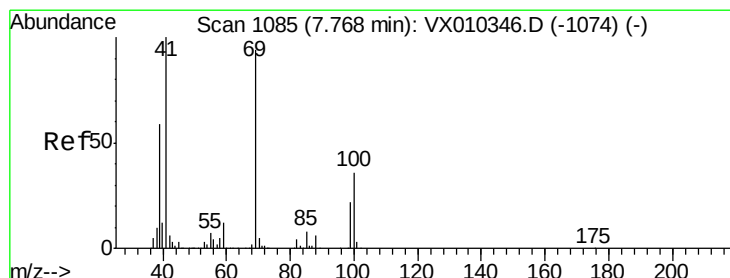
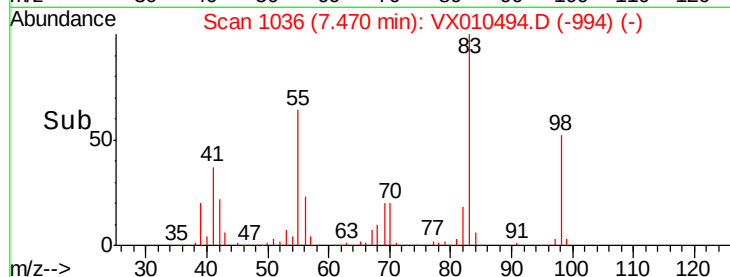
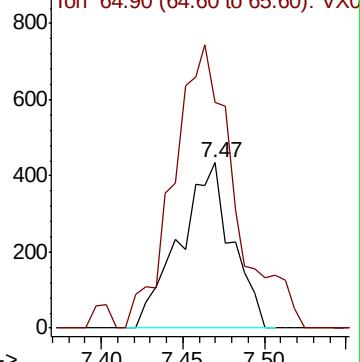
63 100

65 136.3 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#48

Methyl methacrylate

Concen: 1.053 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.03 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

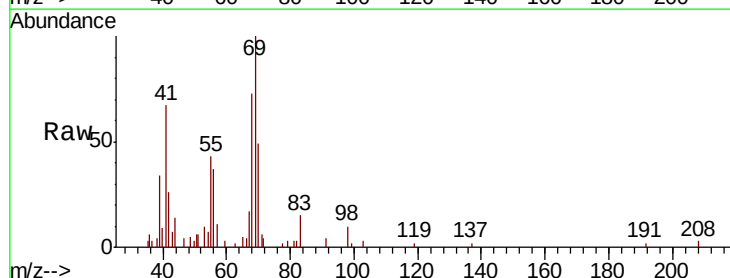
Tgt Ion: 41 Resp: 2651

Ion Ratio Lower Upper

41 100

69 181.2 76.1 114.1#

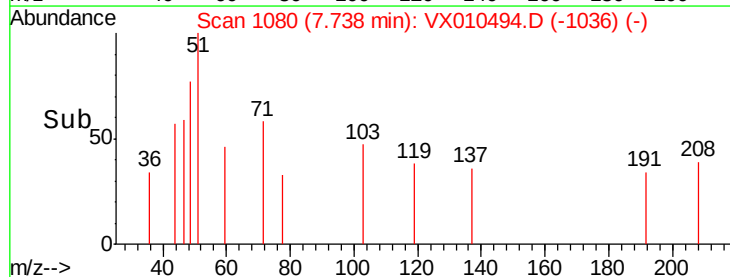
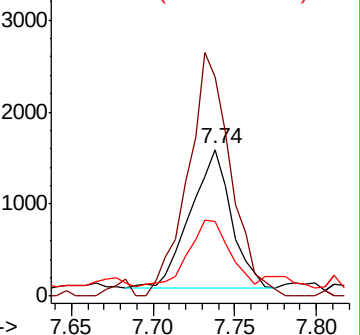
39 47.8 47.6 71.4

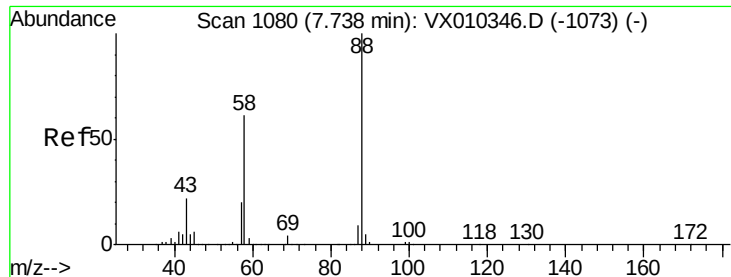


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

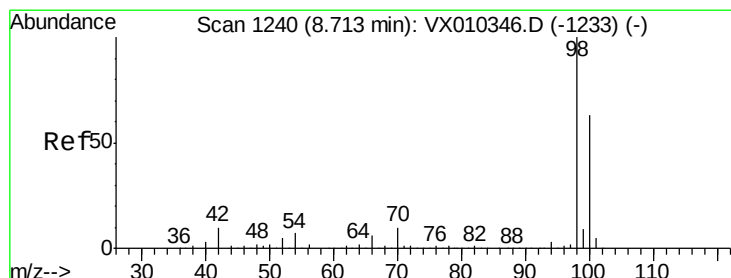
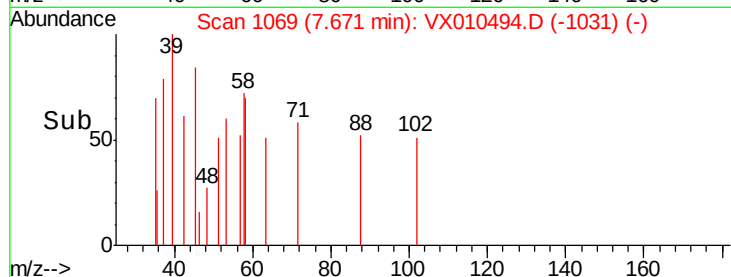
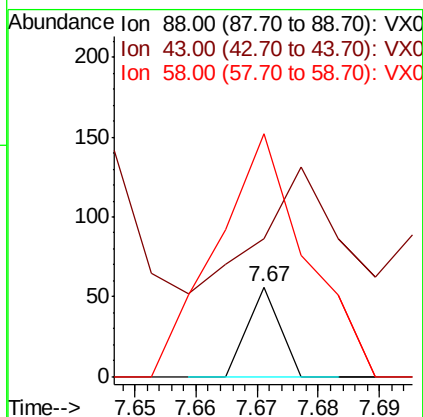
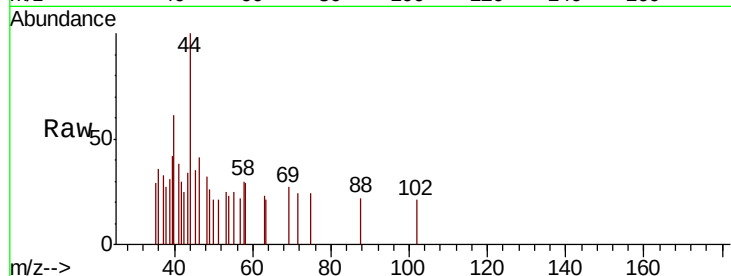




#49
1,4-Dioxane
Concen: 0.276 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.07 min
Lab File: VX010494.D
Acq: 27 Jun 2019 17:16

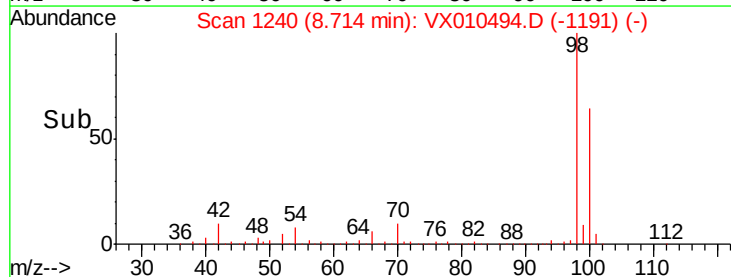
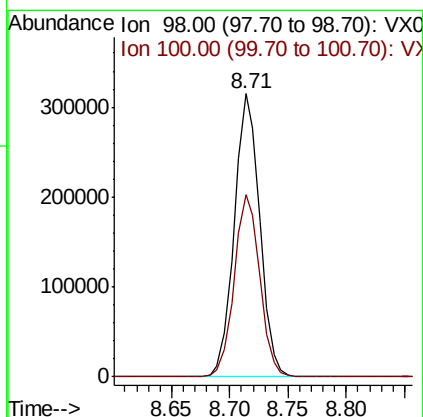
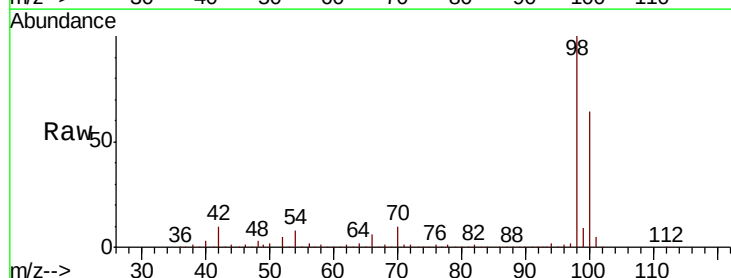
Instrument :
MSVOA_X
ClientSampled :

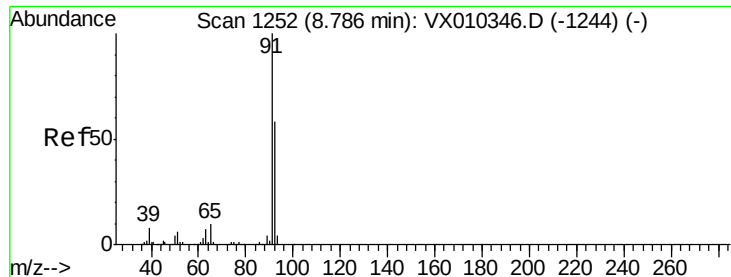
Tot Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 770.0 49.5 74.3#



#50
Toluene-d8
Concen: 51.215 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010494.D
Acq: 27 Jun 2019 17:16

Tgt Ion: 98 Resp: 480052
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4





#52

Toluene

Concen: 3.551 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_X

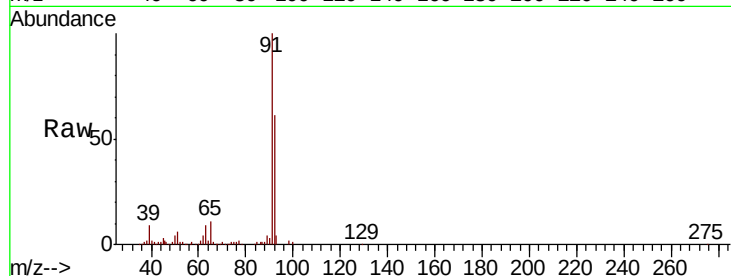
ClientSampled :

Tot Ion: 92 Resp: 23182

Ion Ratio Lower Upper

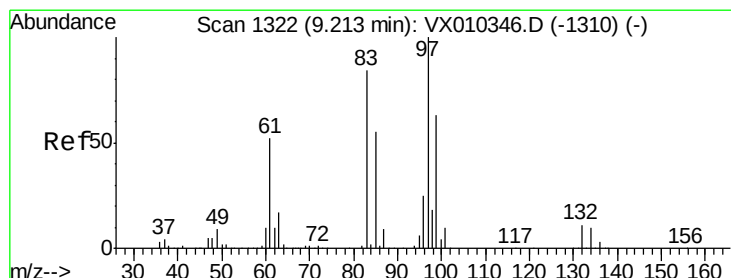
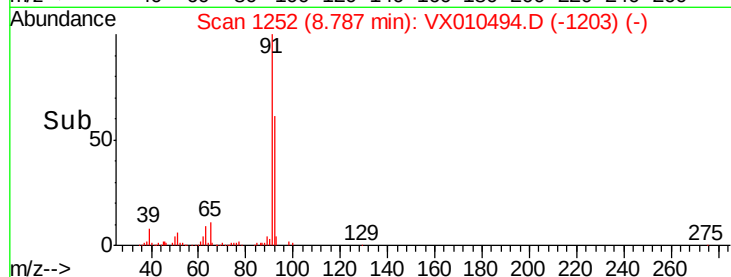
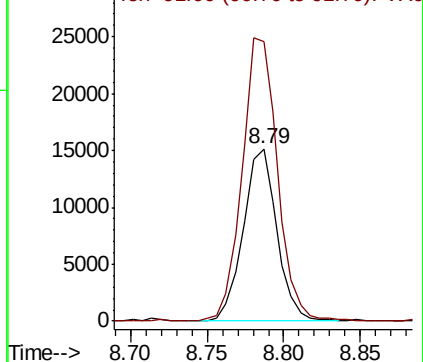
92 100

91 171.2 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.498 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

Tgt Ion: 97 Resp: 1341

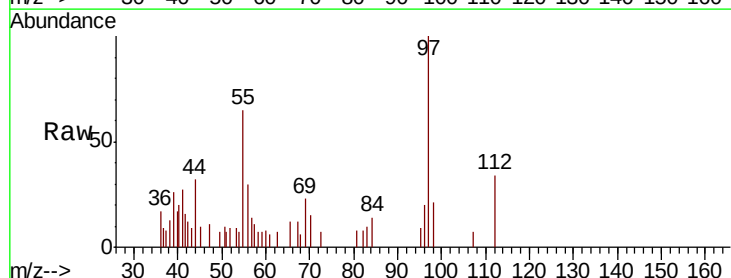
Ion Ratio Lower Upper

97 100

83 9.6 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#

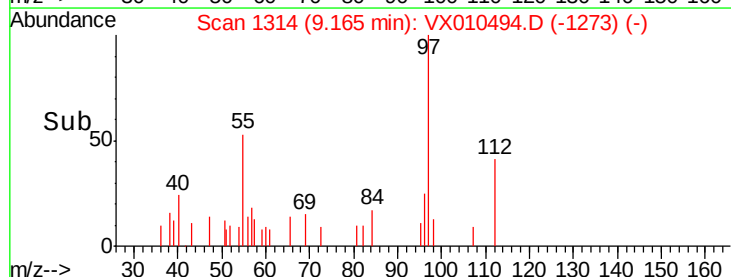
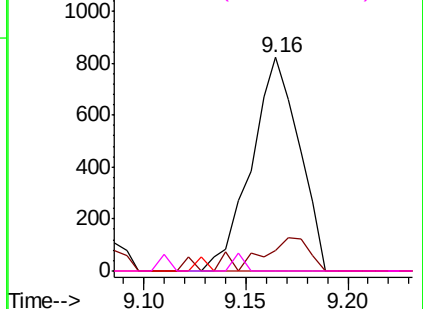


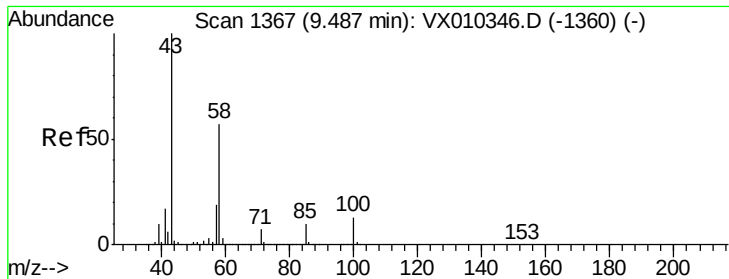
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

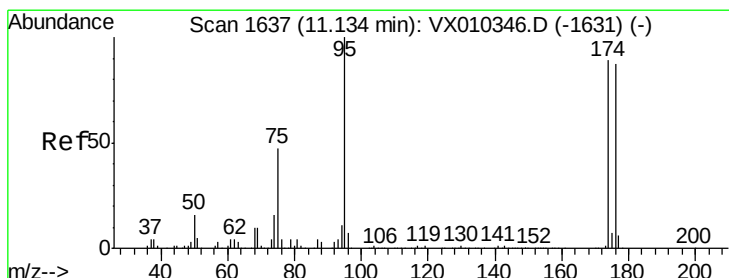
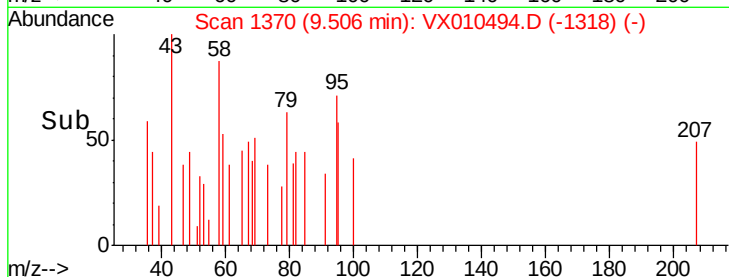
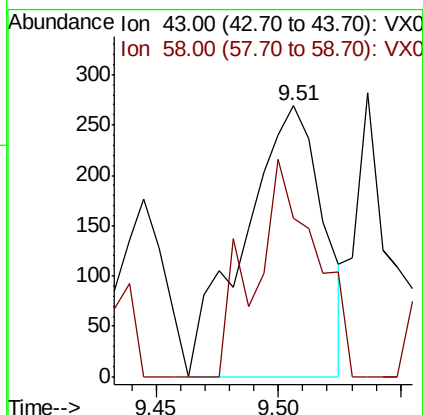
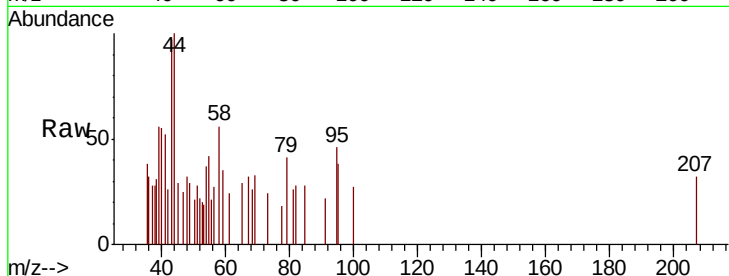




#59
2-Hexanone
Concen: 0.219 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.02 min
Lab File: VX010494.D
Acq: 27 Jun 2019 17:16

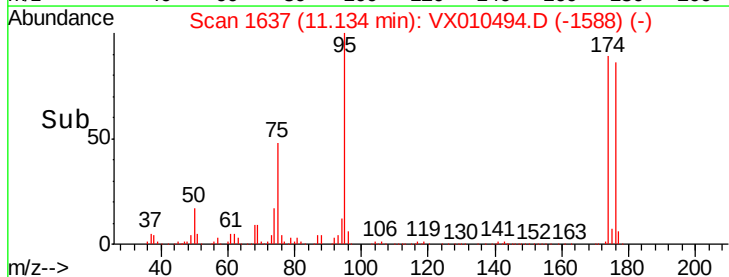
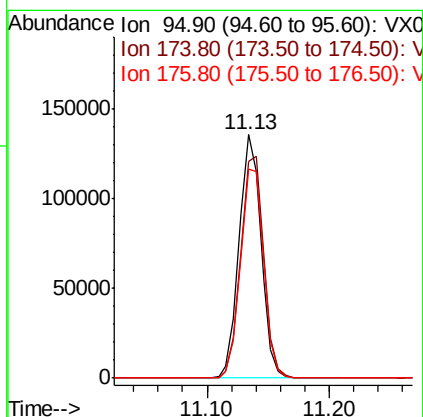
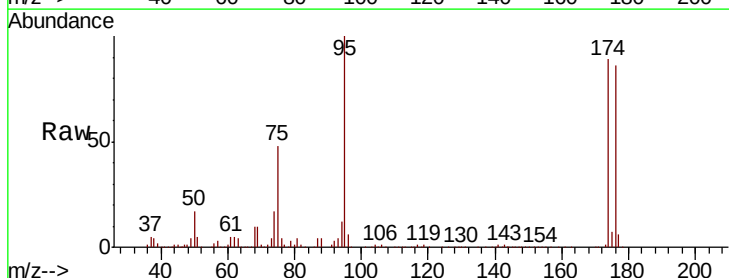
Instrument :
MSVOA_X
ClientSampled :

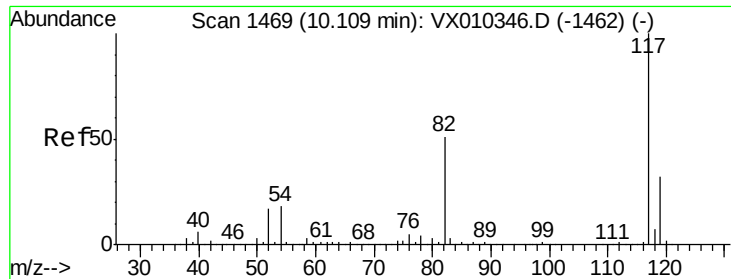
Tot Ion: 43 Resp: 598
Ion Ratio Lower Upper
43 100
58 63.4 29.0 87.1



#62
4-Bromofluorobenzene
Concen: 49.573 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010494.D
Acq: 27 Jun 2019 17:16

Tgt Ion: 95 Resp: 167753
Ion Ratio Lower Upper
95 100
174 95.8 0.0 187.6
176 90.6 0.0 184.0

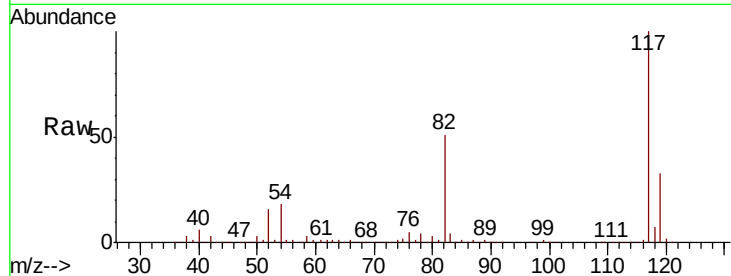




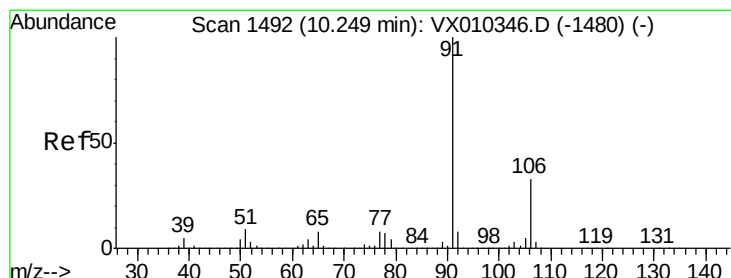
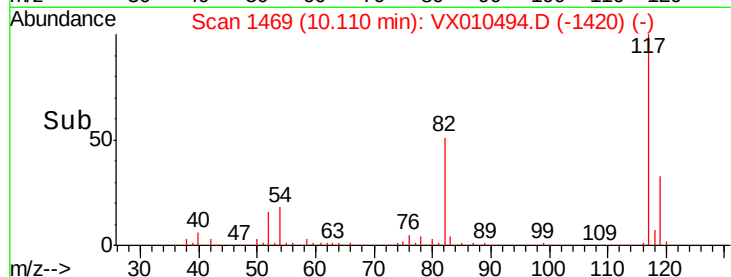
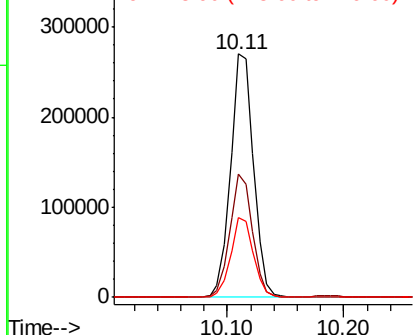
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010494.D
Acq: 27 Jun 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 371886
Ion Ratio Lower Upper
117 100
82 50.5 41.2 61.8
119 32.6 25.5 38.3

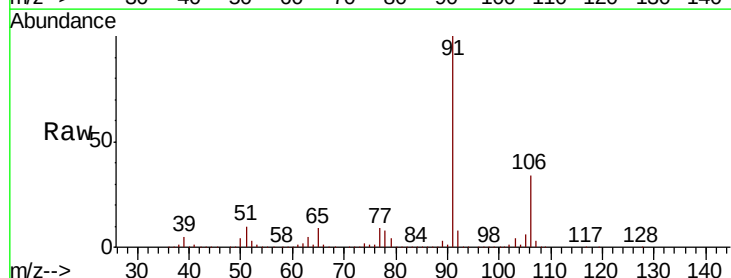


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

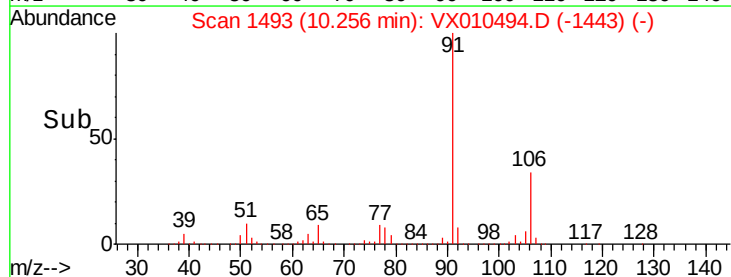
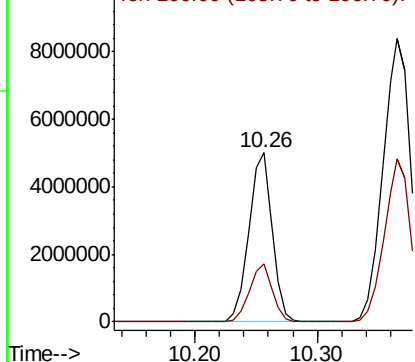


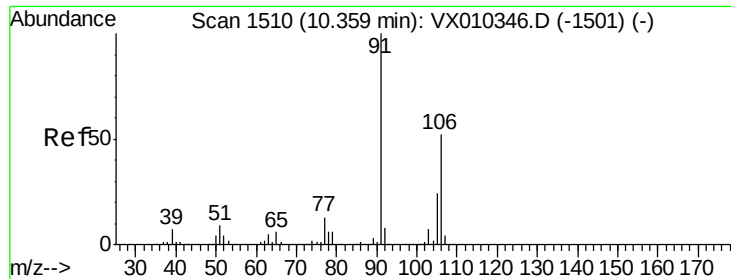
#67
Ethyl Benzene
Concen: 521.966 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX010494.D
Acq: 27 Jun 2019 17:16

Tgt Ion: 91 Resp: 6653000
Ion Ratio Lower Upper
91 100
106 34.3 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

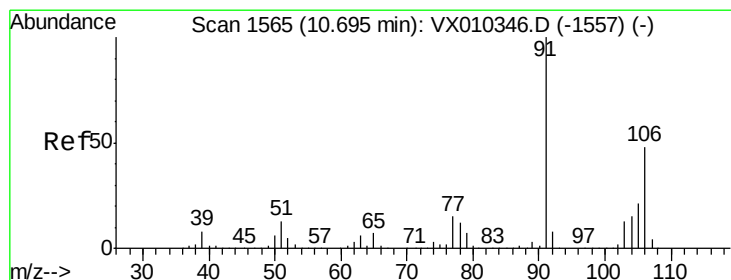
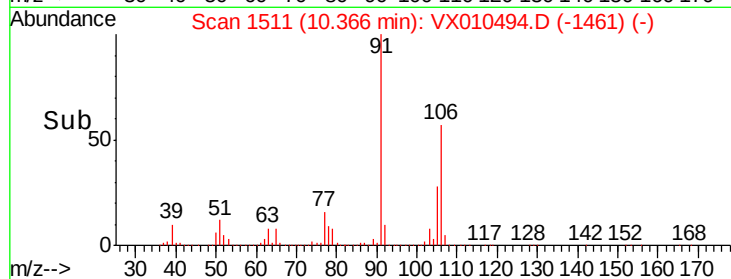
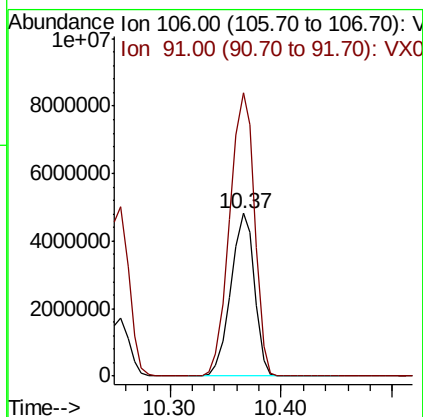
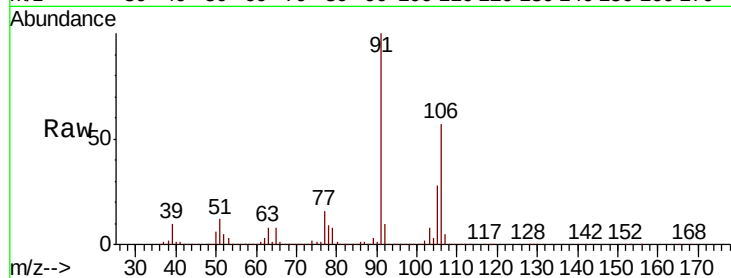




#68
m/p-Xylenes
Concen: 1432.855 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX010494.D
Acq: 27 Jun 2019 17:16

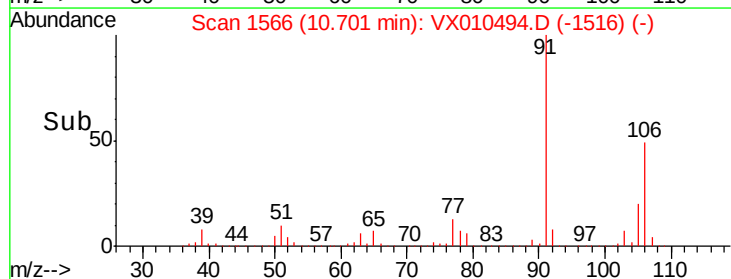
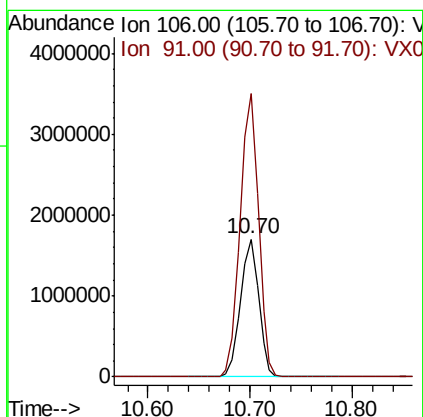
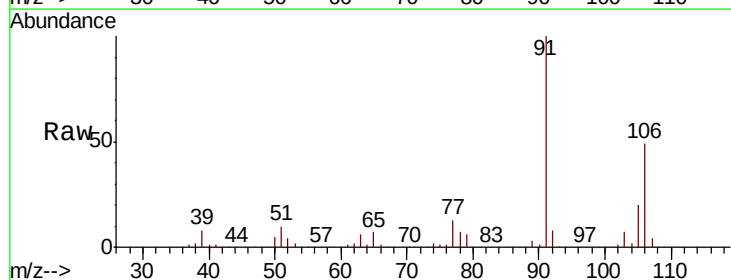
Instrument :
MSVOA_X
ClientSampled :

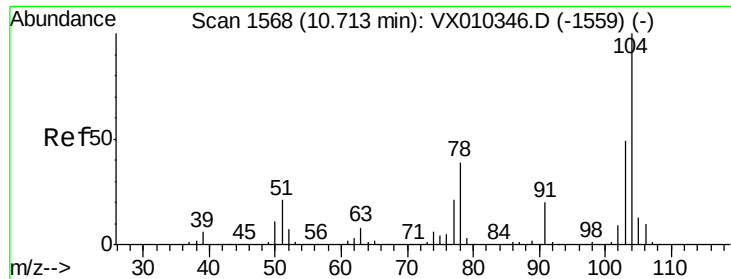
Tot Ion:106 Resp: 7076552
Ion Ratio Lower Upper
106 100
91 183.2 155.3 232.9



#69
o-Xylene
Concen: 432.077 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010494.D
Acq: 27 Jun 2019 17:16

Tgt Ion:106 Resp: 2098526
Ion Ratio Lower Upper
106 100
91 206.9 102.7 308.1





#70

Stvrene

Concen: 12.763 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

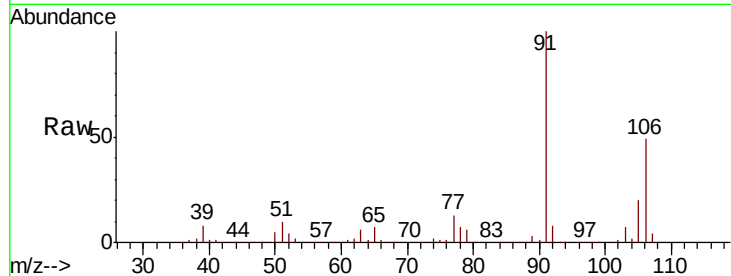
Tot Ion:104 Resp: 103955

Ion Ratio Lower Upper

104 100

78 297.9 36.2 54.2#

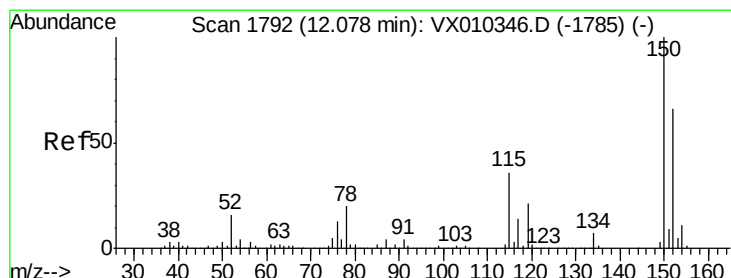
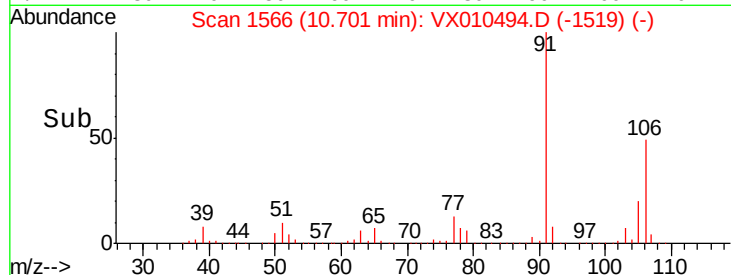
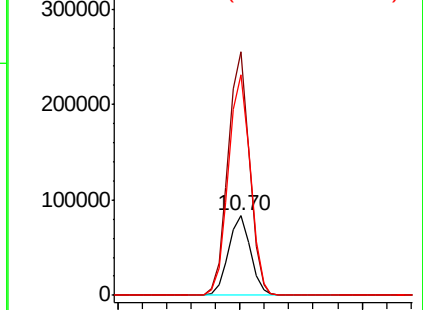
103 276.6 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

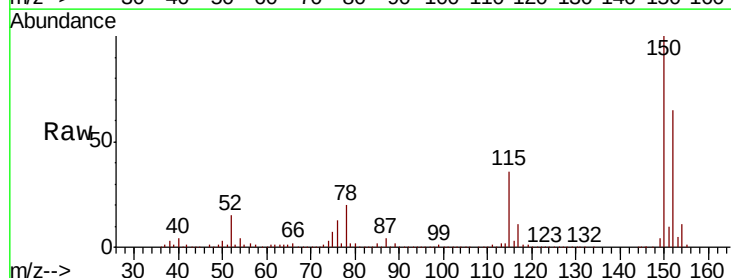
Tgt Ion:152 Resp: 185712

Ion Ratio Lower Upper

152 100

115 57.5 38.6 115.7

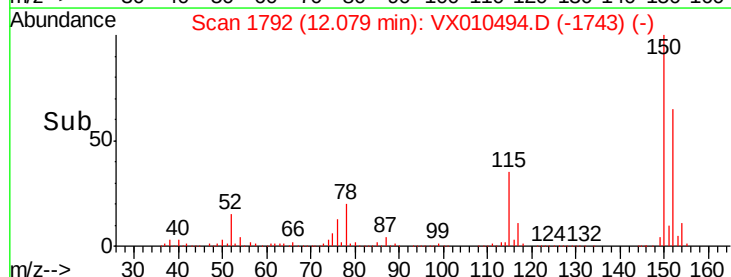
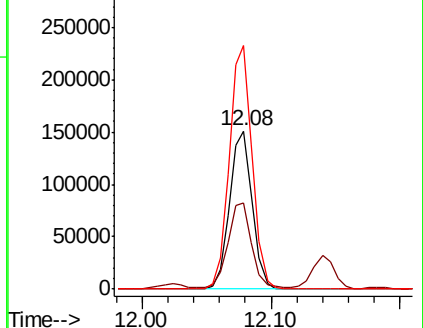
150 154.7 0.0 347.4

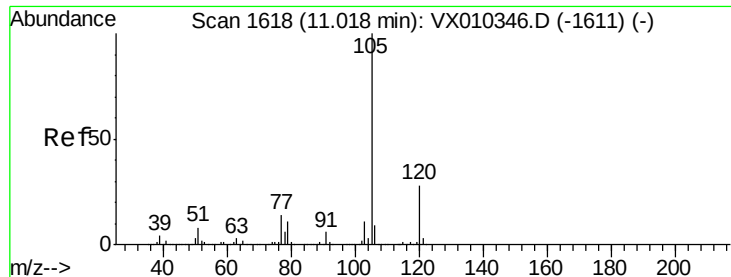


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 62.798 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_X

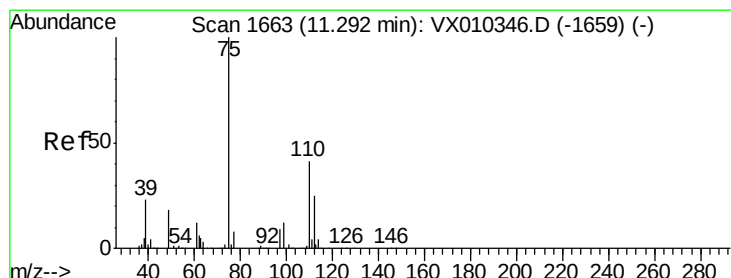
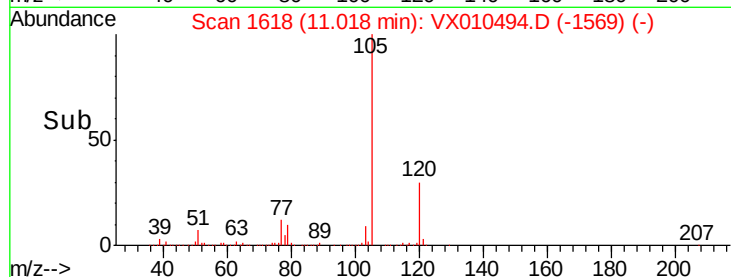
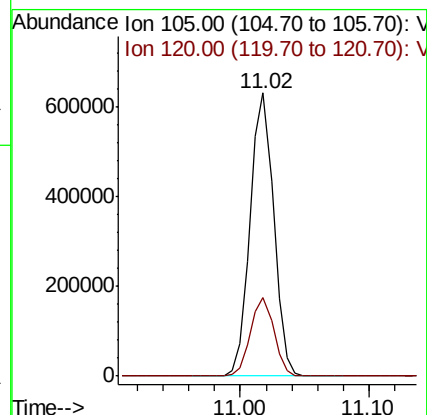
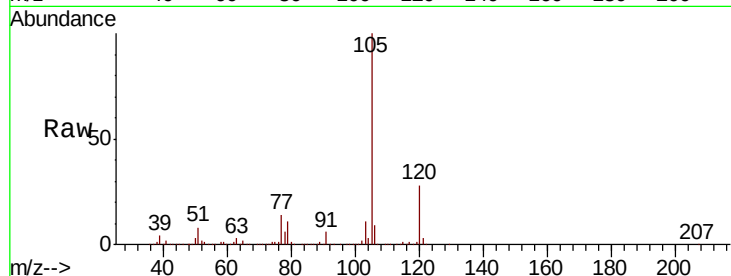
ClientSampleId :

Tot Ion:105 Resp: 790557

Ion Ratio Lower Upper

105 100

120 27.7 14.1 42.4



#76

1,2,3-Trichloropropane

Concen: 1.480 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010494.D

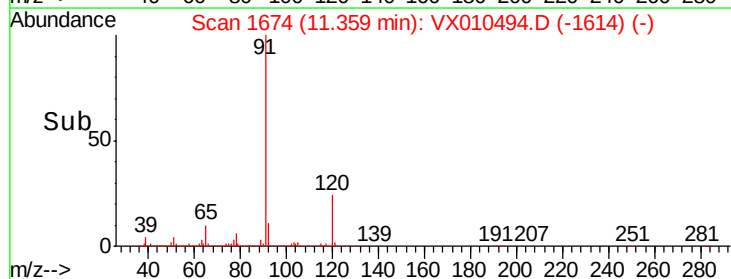
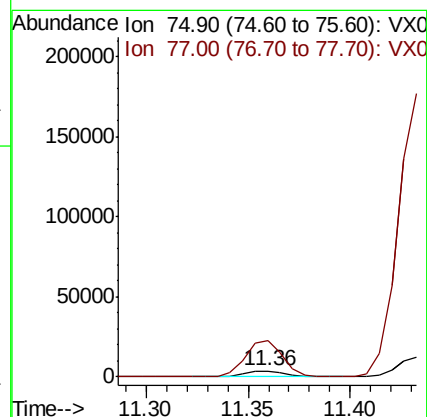
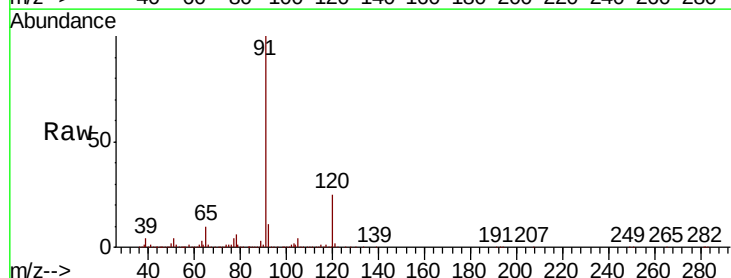
Acq: 27 Jun 2019 17:16

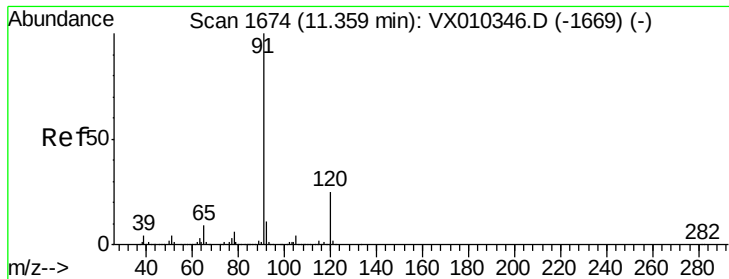
Tgt Ion: 75 Resp: 5007

Ion Ratio Lower Upper

75 100

77 579.6 22.6 67.8#





#78

n-propylbenzene

Concen: 57.131 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_X

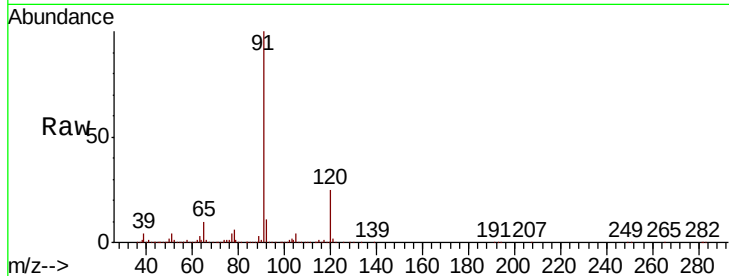
ClientSampleId :

Tot Ion: 91 Resp: 790449

Ion Ratio Lower Upper

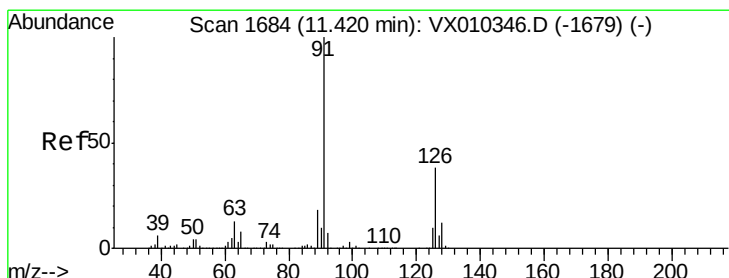
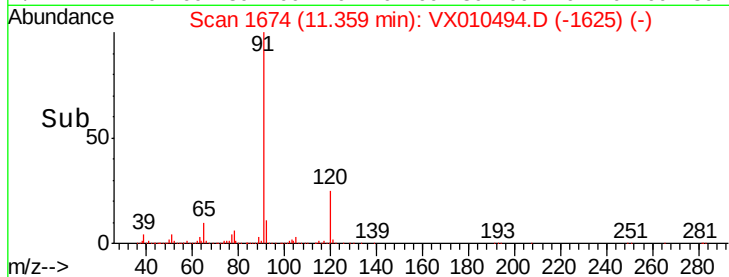
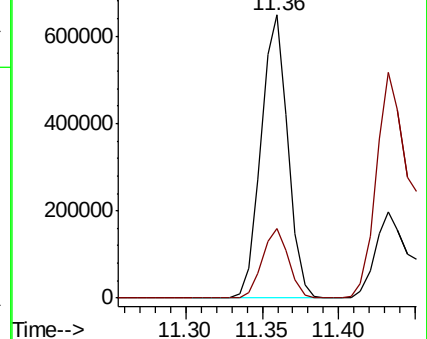
91 100

120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 39.435 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010494.D

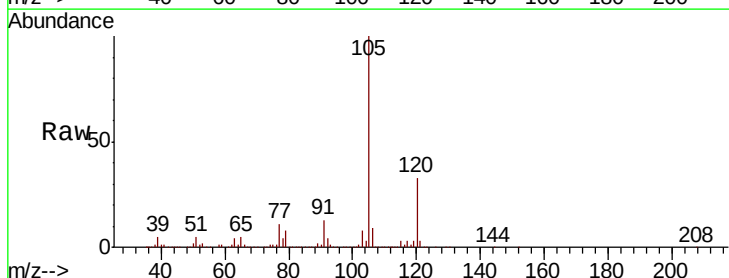
Acq: 27 Jun 2019 17:16

Tgt Ion: 91 Resp: 324900

Ion Ratio Lower Upper

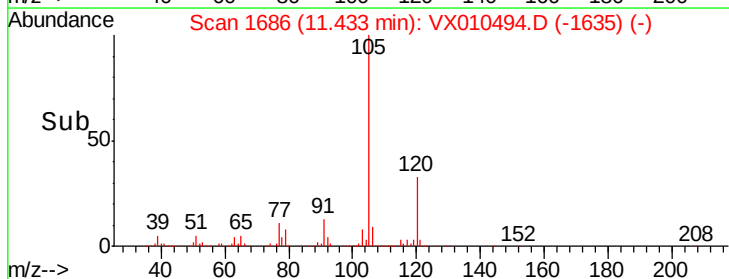
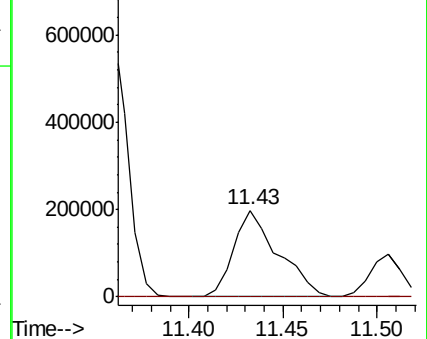
91 100

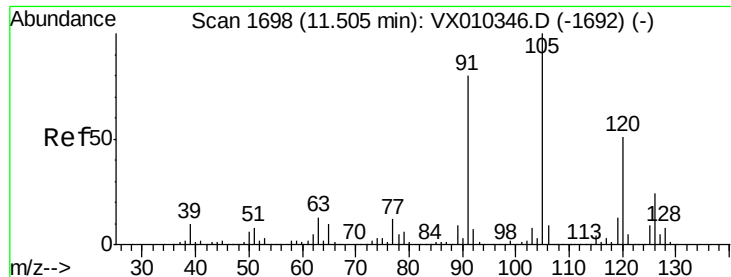
126 0.1 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

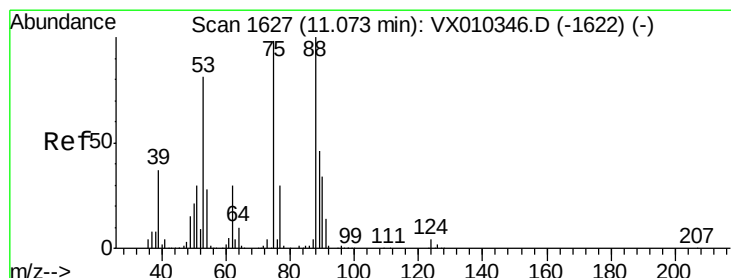
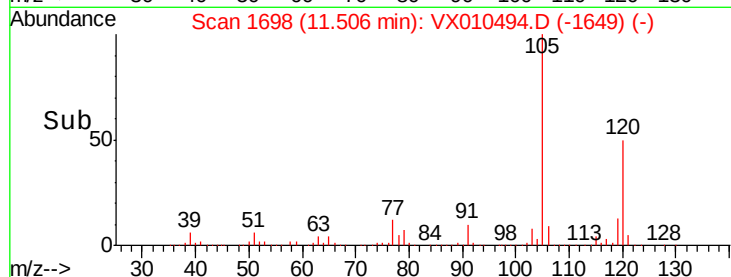
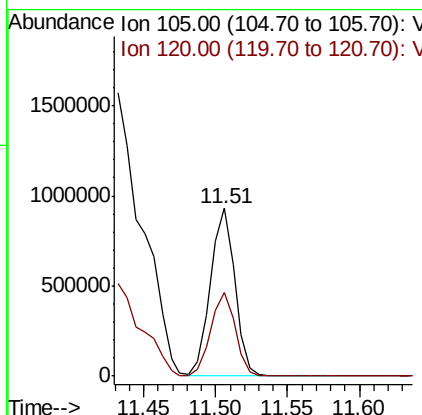
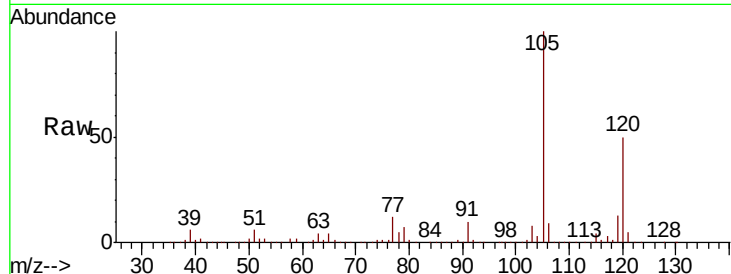




#80
 1,3,5-Trimethylbenzene
 Concen: 105.790 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010494.D
 Acq: 27 Jun 2019 17:16

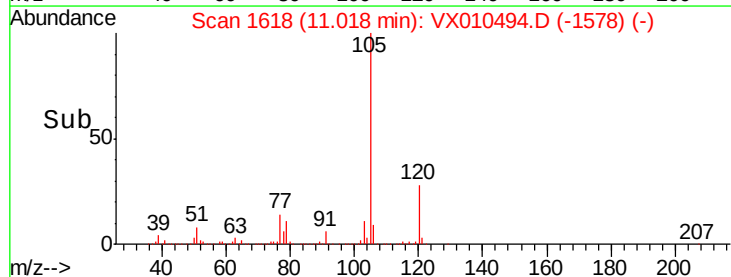
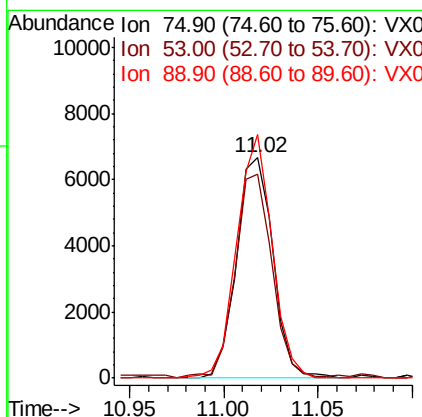
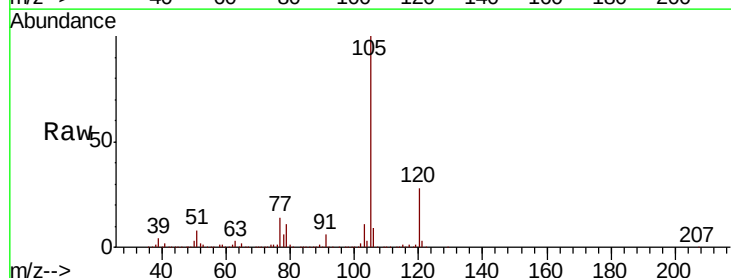
Instrument :
 MSVOA_X
 ClientSampled :

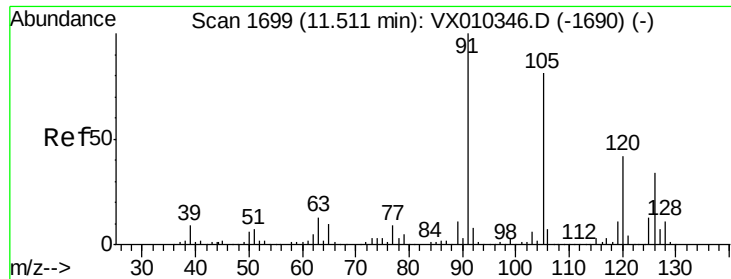
Tot Ion:105 Resp: 1097903
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 6.153 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.05 min
 Lab File: VX010494.D
 Acq: 27 Jun 2019 17:16

Tgt Ion: 75 Resp: 8926
 Ion Ratio Lower Upper
 75 100
 53 93.6 66.1 99.1
 89 107.0 37.8 56.6#

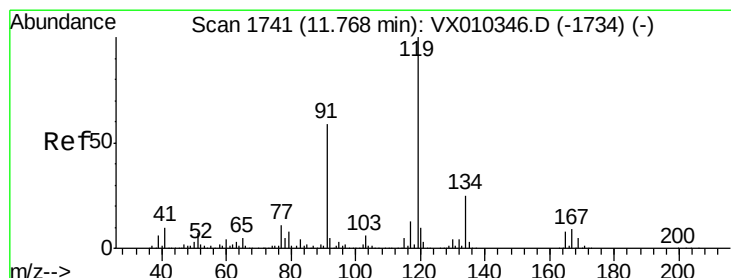
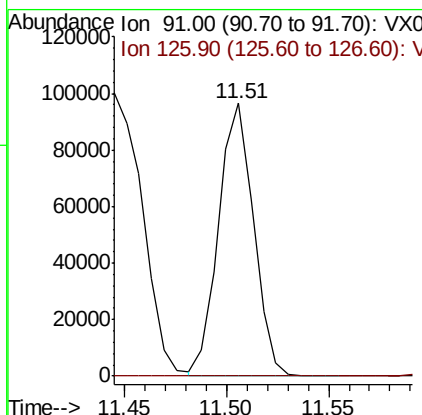
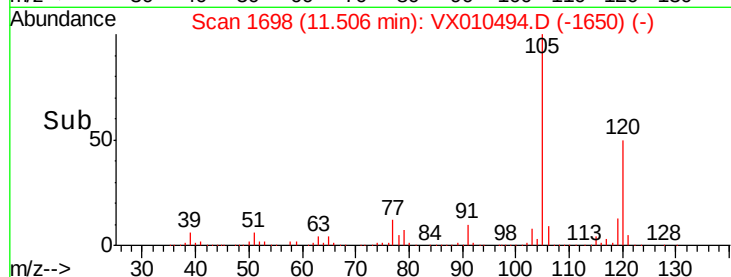
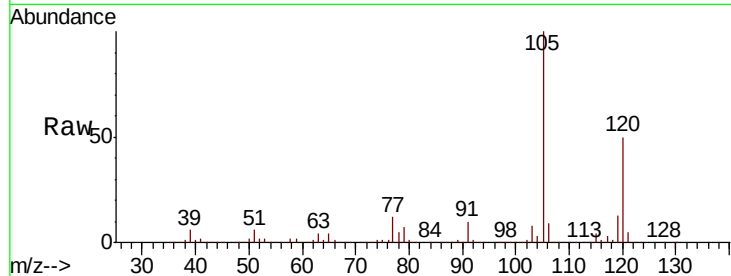




#82
4-Chlorotoluene
Concen: 12.201 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010494.D
Acq: 27 Jun 2019 17:16

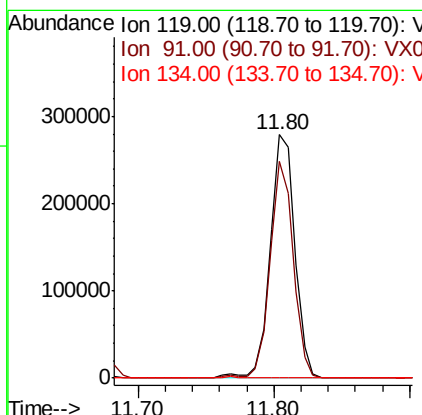
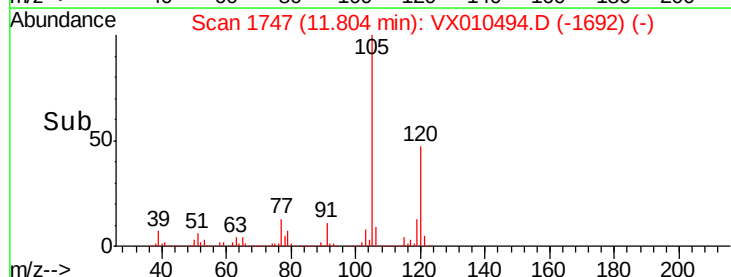
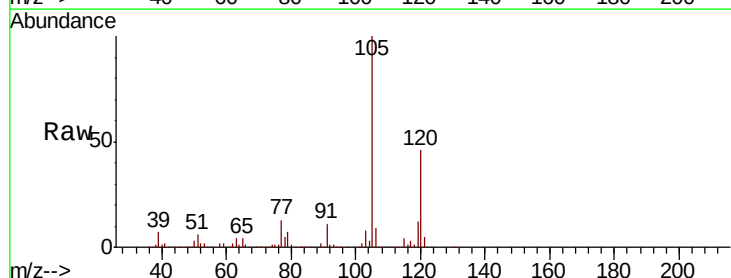
Instrument :
MSVOA_X
ClientSampled :

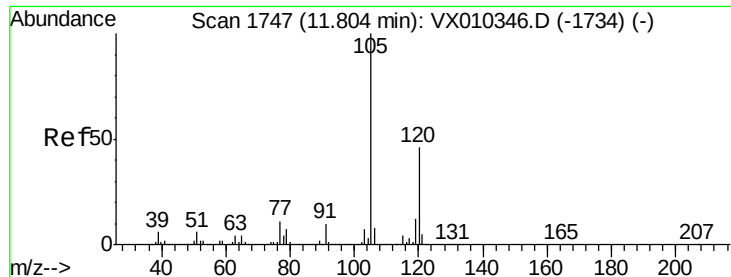
Tot Ion: 91 Resp: 114381
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#83
tert-Butylbenzene
Concen: 34.036 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX010494.D
Acq: 27 Jun 2019 17:16

Tgt Ion: 119 Resp: 354526
Ion Ratio Lower Upper
119 100
91 84.3 27.6 82.7#
134 0.0 11.8 35.4#





#84

1,2,4-Trimethylbenzene

Concen: 268.083 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_X

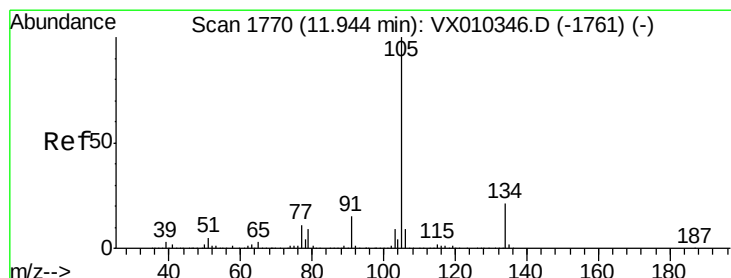
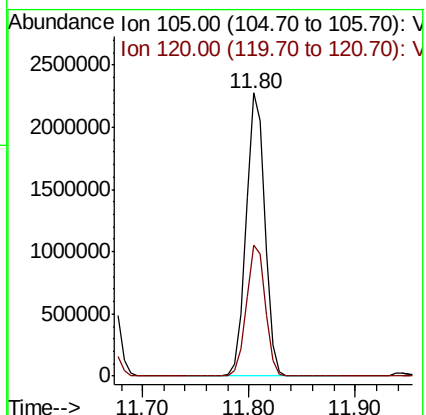
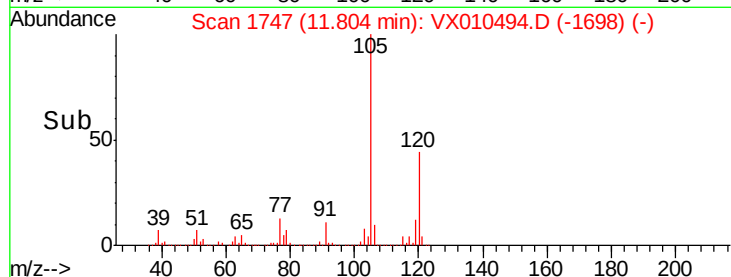
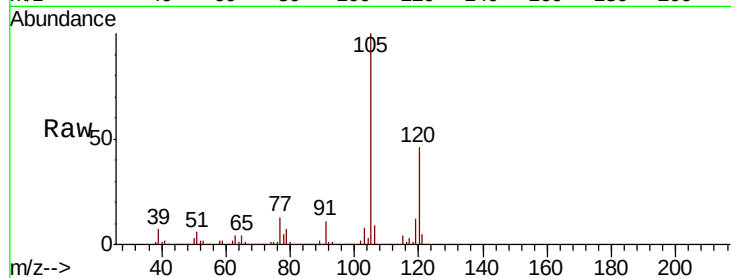
ClientSampleId :

Tot Ion:105 Resp: 2795240

Ion Ratio Lower Upper

105 100

120 46.9 23.1 69.2



#85

sec-Butylbenzene

Concen: 228.552 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX010494.D

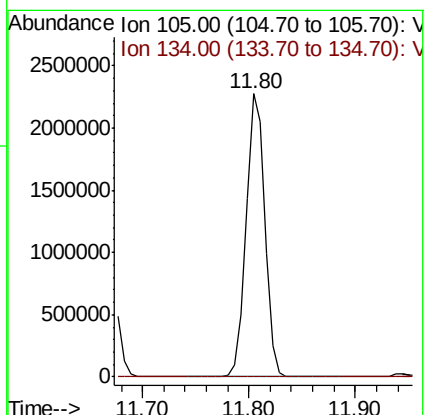
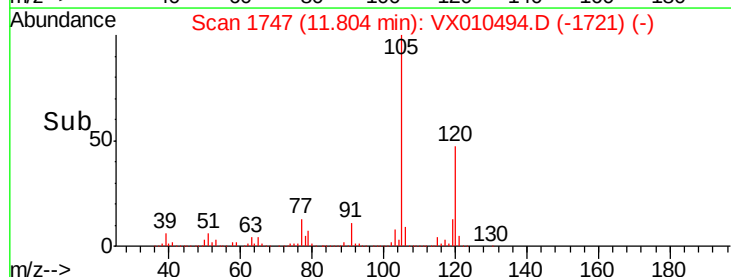
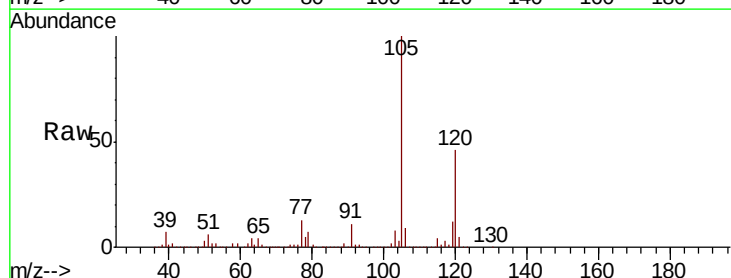
Acq: 27 Jun 2019 17:16

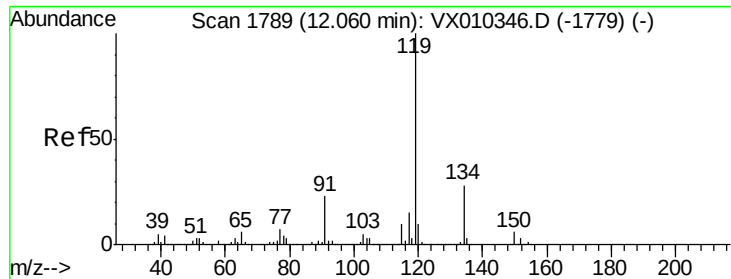
Tgt Ion:105 Resp: 2795240

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#

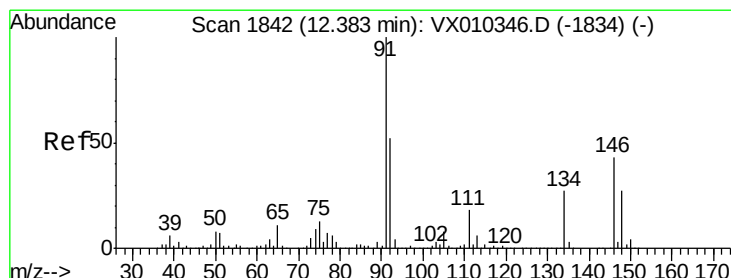
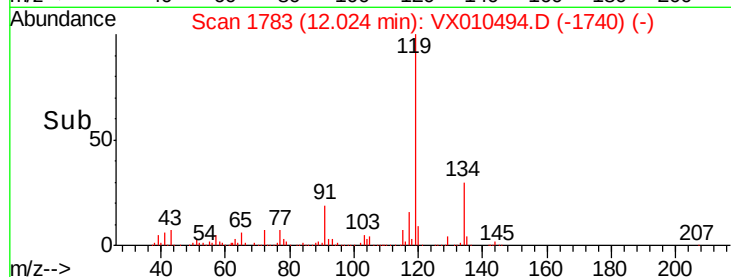
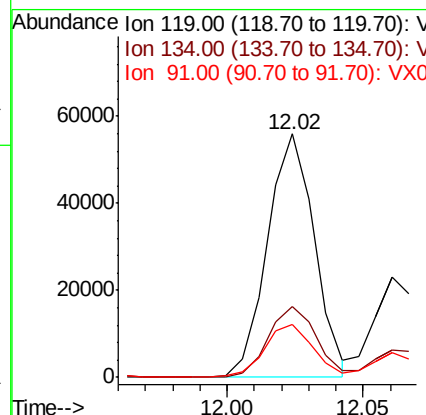
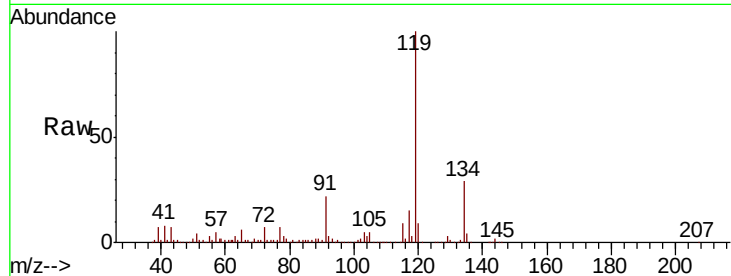




#86
p-Isopropyltoluene
Concen: 5.915 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX010494.D
Acq: 27 Jun 2019 17:16

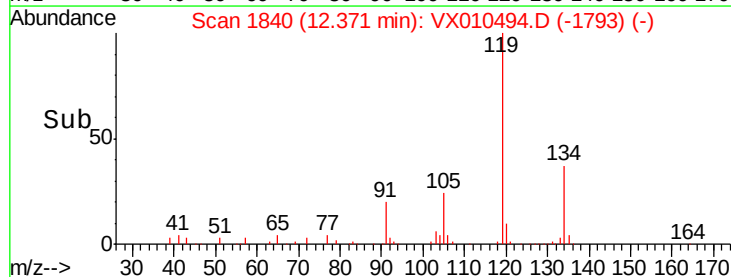
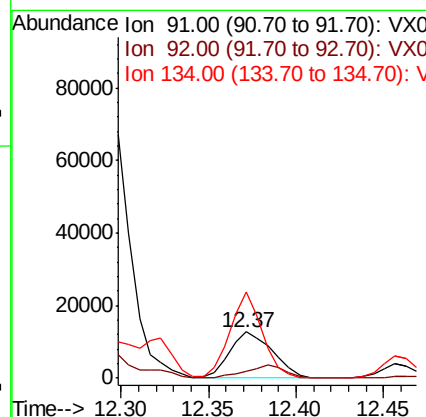
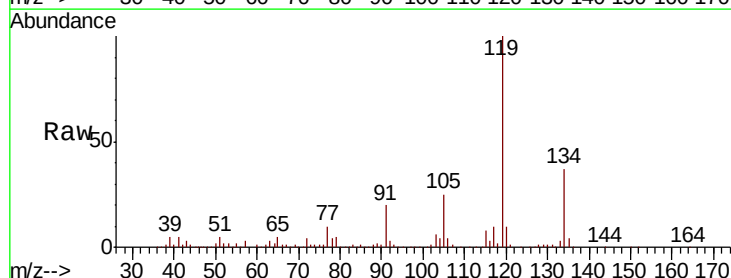
Instrument :
MSVOA_X
ClientSampleId :

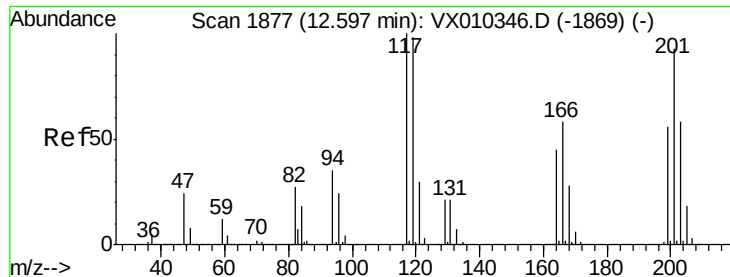
Tot Ion:119 Resp: 66913
Ion Ratio Lower Upper
119 100
134 30.7 13.7 41.1
91 22.1 11.3 33.8



#89
n-Butylbenzene
Concen: 2.200 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX010494.D
Acq: 27 Jun 2019 17:16

Tgt Ion: 91 Resp: 21153
Ion Ratio Lower Upper
91 100
92 26.5 26.2 78.5
134 145.0 14.1 42.4#





#90

Hexachloroethane

Concen: 16.858 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_X

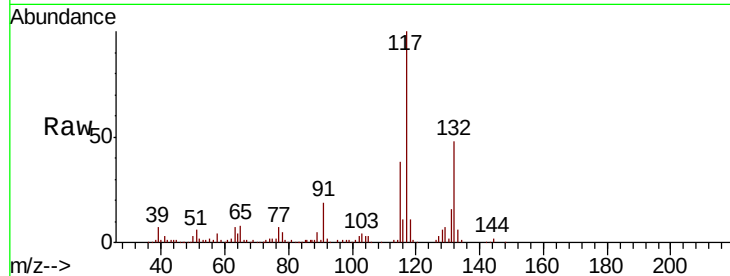
ClientSampleId :

Tot Ion:117 Resp: 32975

Ion Ratio Lower Upper

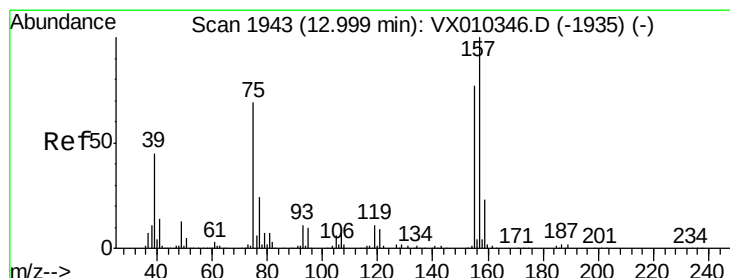
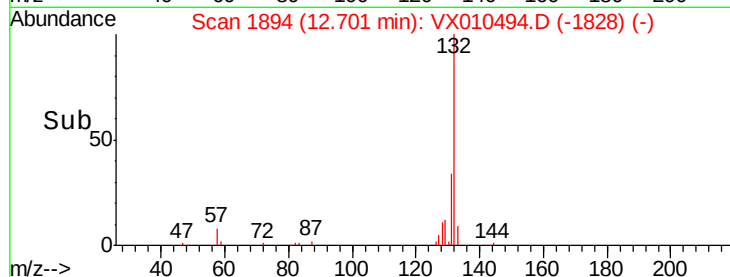
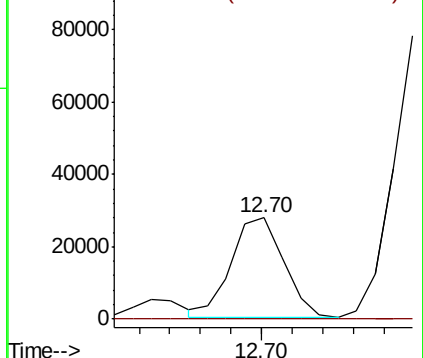
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.059 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010494.D

Acq: 27 Jun 2019 17:16

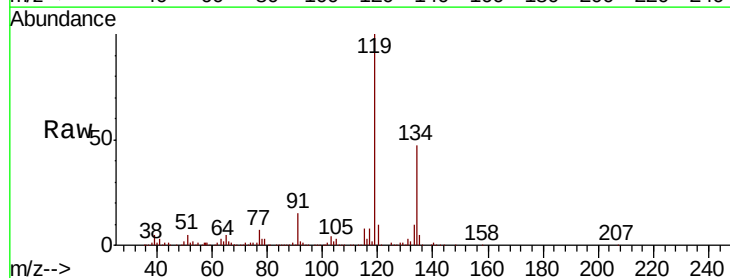
Tgt Ion: 75 Resp: 952

Ion Ratio Lower Upper

75 100

155 2.8 54.4 163.1#

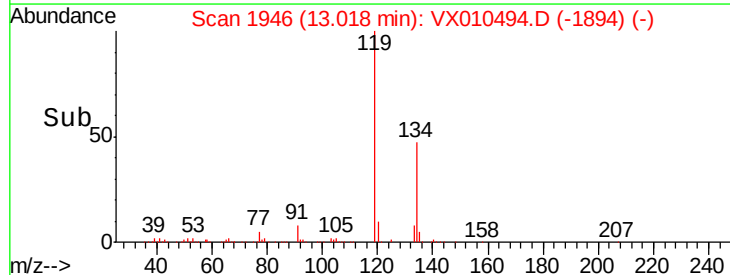
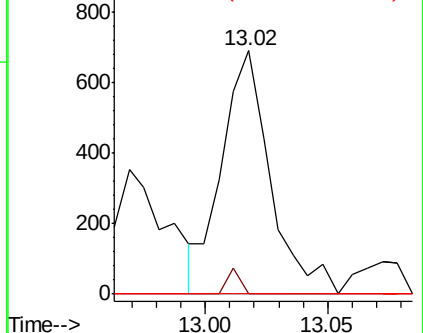
157 0.0 69.5 208.3#

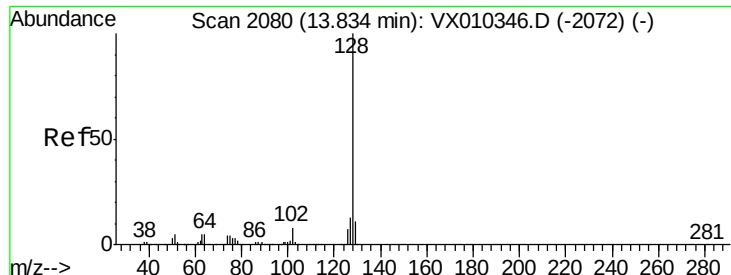


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 97.753 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010494.D
Acq: 27 Jun 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1270440
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.2 8.9 13.3

