

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006329.D
 Acq On : 06 Dec 2018 20:03
 Operator : JC/MD
 Sample : J6248-06DL 10X
 Misc : 4.99g/5mL/100uL/5.0ml/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:33:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	888329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1302972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1160351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	589519	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	415113	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
35) Dibromofluoromethane	5.50	113	393332	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	
50) Toluene-d8	8.71	98	1502077	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.14	95	591052	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1810	0.271	ug/l #	55
6) Chloroethane	1.65	64	8394	1.423	ug/l	92
11) Tert butyl alcohol	3.07	59	710	0.286	ug/l #	1
13) Acrolein	2.31	56	512	0.378	ug/l #	13
16) Acetone	2.45	43	2038	0.479	ug/l #	66
20) Methylene Chloride	2.85	84	3192	0.352	ug/l #	81
31) Cyclohexane	5.66	56	13046	0.996	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	51422	4.687	ug/l #	49
38) Carbon Tetrachloride	5.66	117	76467	5.924	ug/l #	16
49) 1,4-Dioxane	7.75	88	144	0.586	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	4121	0.346	ug/l #	36
55) 1,1,2-Trichloroethane	9.16	97	35487	4.040	ug/l #	19
56) Ethyl methacrylate	9.16	69	7285	0.531	ug/l #	1
59) 2-Hexanone	9.45	43	244696	26.855	ug/l #	28
67) Ethyl Benzene	10.25	91	16093	0.393	ug/l	93
68) m/p-Xylenes	10.36	106	66355	4.043	ug/l	88
69) o-Xylene	10.70	106	39538	2.439	ug/l	98
73) Isopropylbenzene	11.02	105	288776	7.093	ug/l	99
74) N-amyl acetate	10.91	43	829307	47.305	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	690268	52.998	ug/l #	35
76) 1,2,3-Trichloropropane	11.14	75	238991	21.003	ug/l #	46
78) n-propylbenzene	11.36	91	758351	16.757	ug/l	99
79) 2-Chlorotoluene	11.45	91	88011	3.272	ug/l	69
80) 1,3,5-Trimethylbenzene	11.51	105	407492	12.030	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	238991	49.289	ug/l #	32
82) 4-Chlorotoluene	11.45	91	88011	2.814	ug/l	75
83) tert-Butylbenzene	11.77	119	244907	6.776	ug/l	82
84) 1,2,4-Trimethylbenzene	11.81	105	4324344	123.634	ug/l	99
85) sec-Butylbenzene	11.94	105	1469532	35.741	ug/l #	76
86) p-Isopropyltoluene	12.07	119	1102501	29.779	ug/l	99
89) n-Butylbenzene	12.39	91	1694506	53.641	ug/l #	53
90) Hexachloroethane	12.58	117	175847	23.304	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	20621	6.176	ug/l #	1
95) Naphthalene	13.83	128	672109	14.844	ug/l #	96

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QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

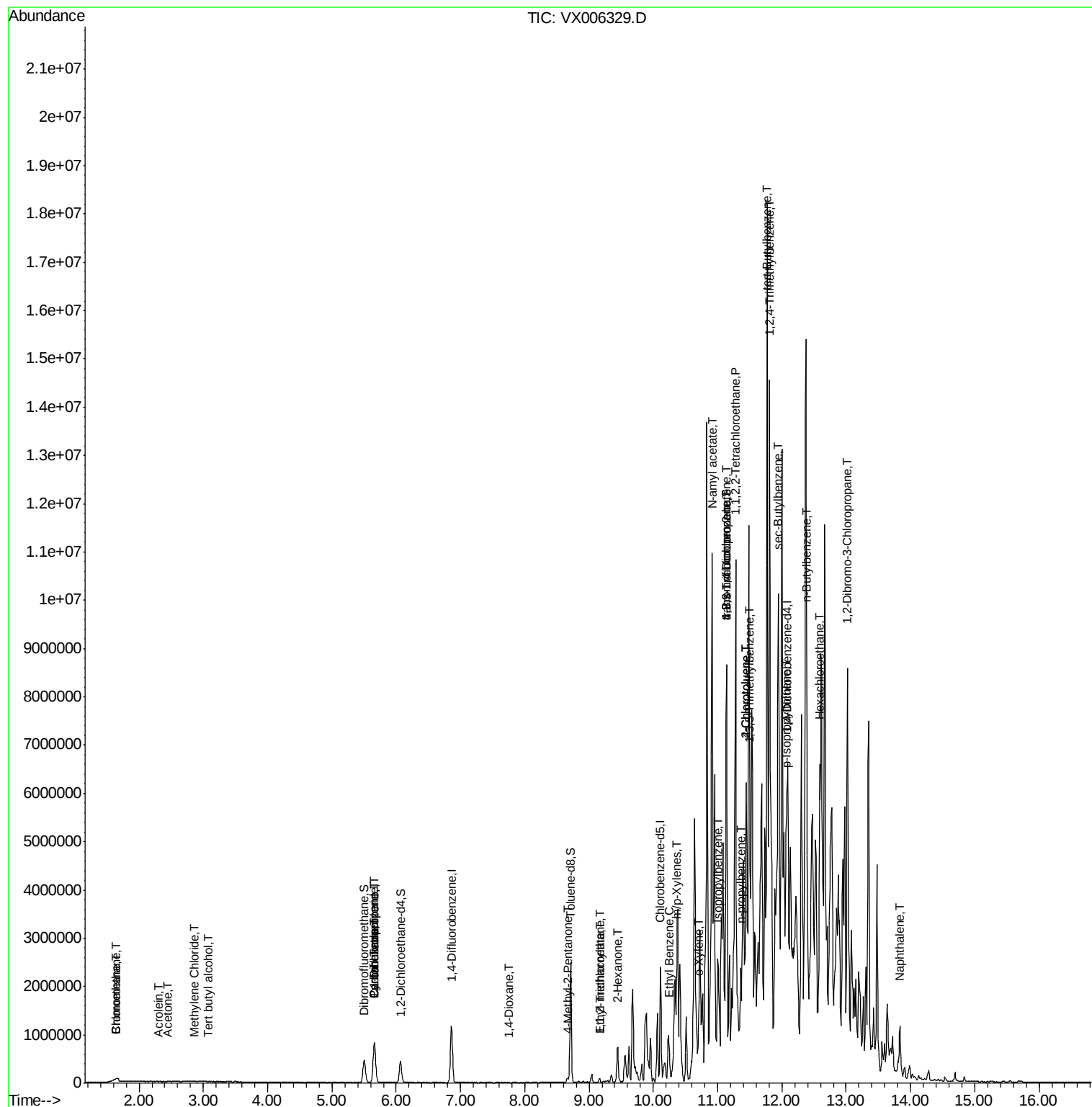
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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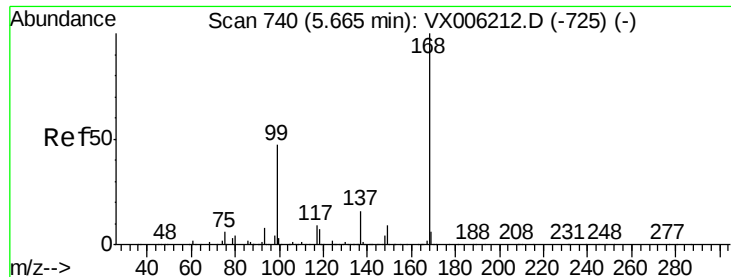
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

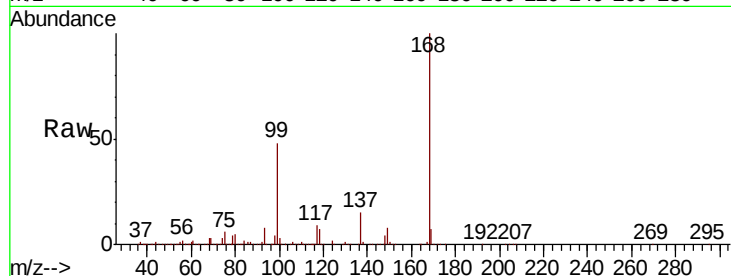
ClientSampleId :

Tot Ion:168 Resp: 888329

Ion Ratio Lower Upper

168 100

99 48.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

300000

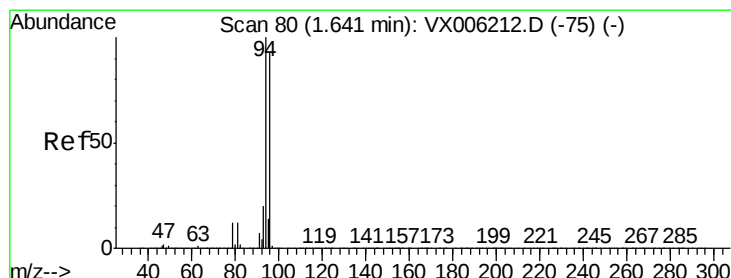
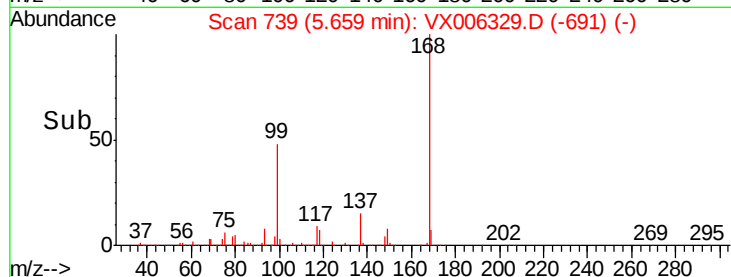
200000

100000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: 0.271 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006329.D

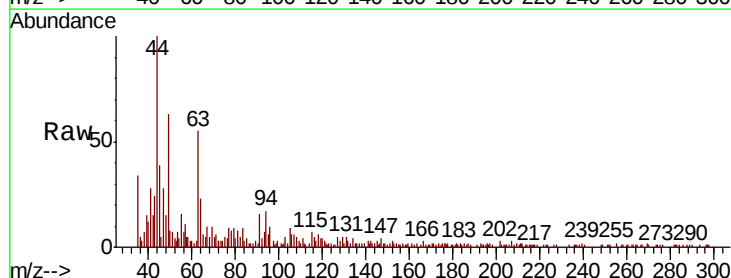
Acq: 06 Dec 2018 20:03

Tgt Ion: 94 Resp: 1810

Ion Ratio Lower Upper

94 100

96 49.6 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1500

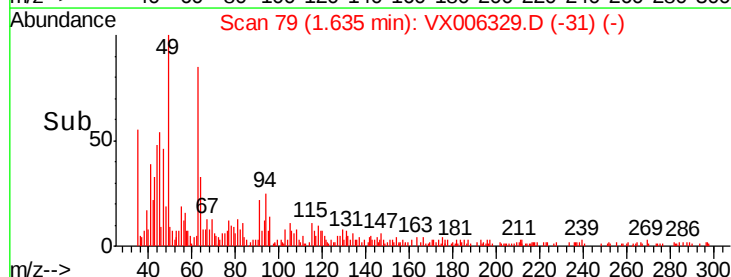
1000

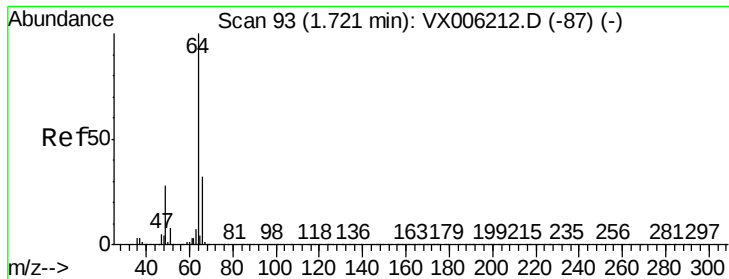
500

0

Time-->

1.60 1.65 1.70





#6

Chloroethane

Concen: 1.423 ug/l

RT: 1.65 min Scan# 81

Delta R.T. -0.07 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

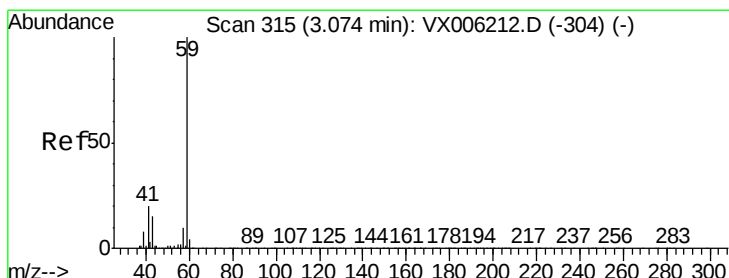
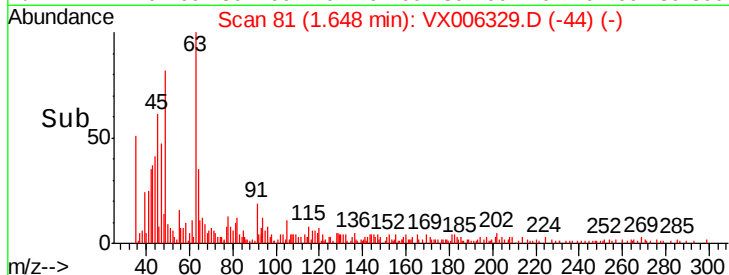
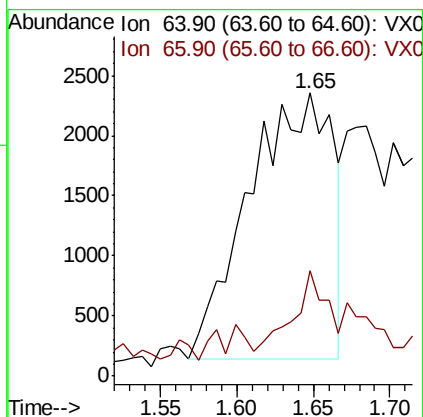
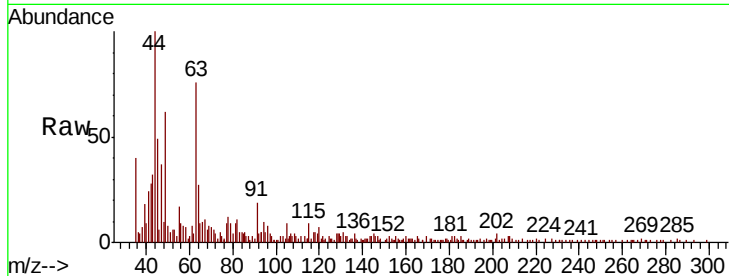
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 64 Resp: 8394

Ion Ratio Lower Upper

64 100

66 28.0 25.9 38.9



#11

Tert butyl alcohol

Concen: 0.286 ug/l

RT: 3.07 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX006329.D

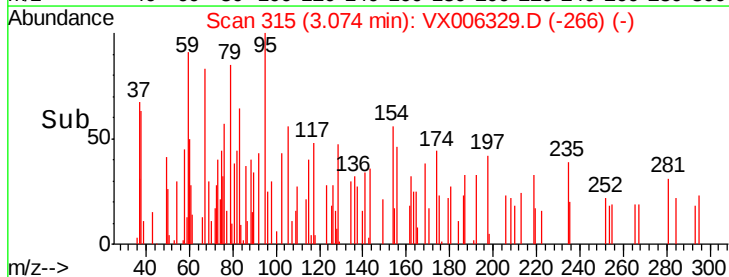
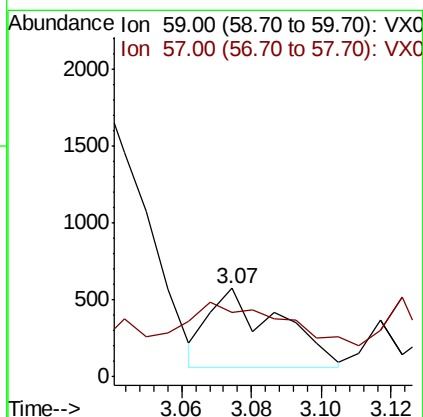
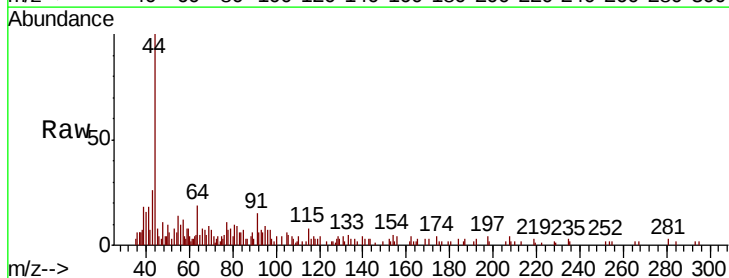
Acq: 06 Dec 2018 20:03

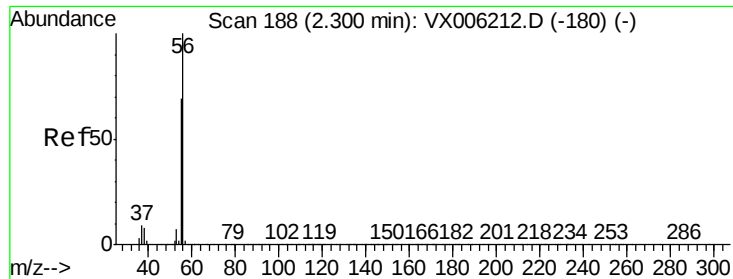
Tgt Ion: 59 Resp: 710

Ion Ratio Lower Upper

59 100

57 75.8 8.2 12.2#





#13

Acrolein

Concen: 0.378 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

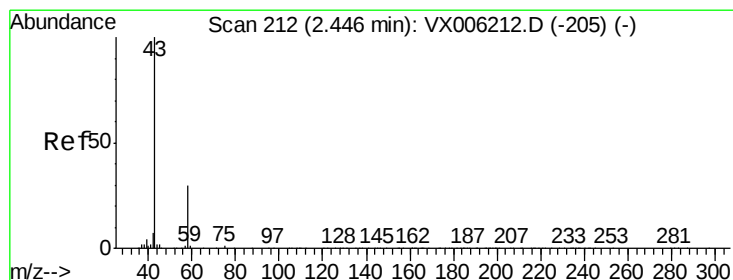
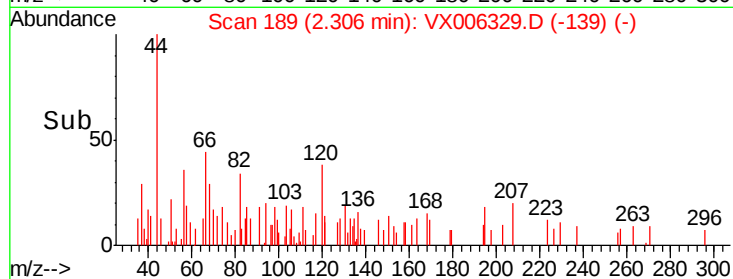
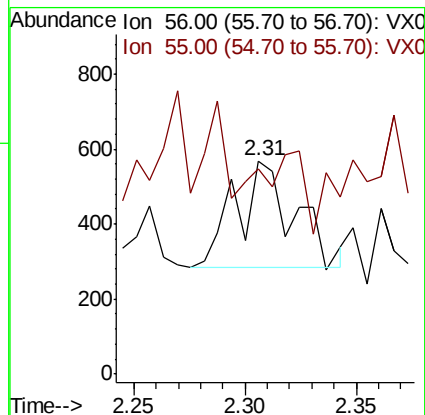
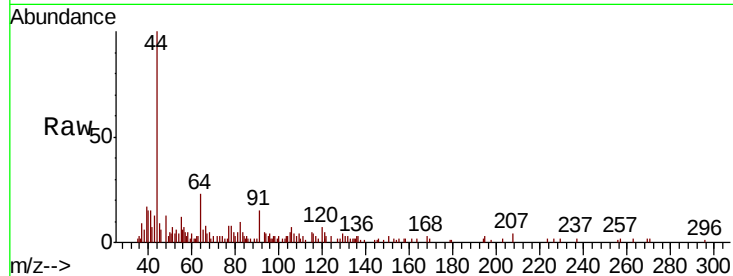
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 512

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.6#



#16

Acetone

Concen: 0.479 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006329.D

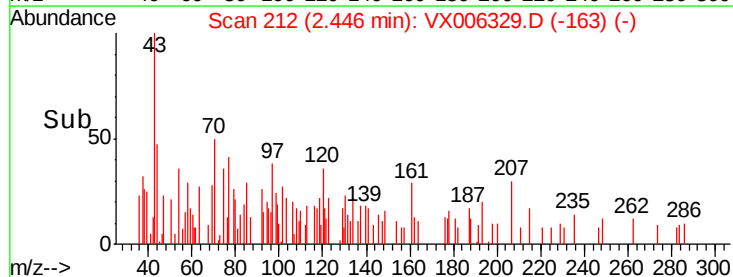
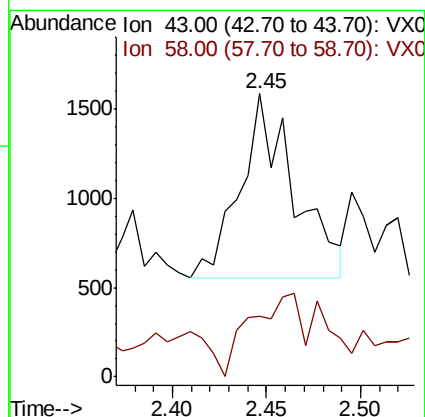
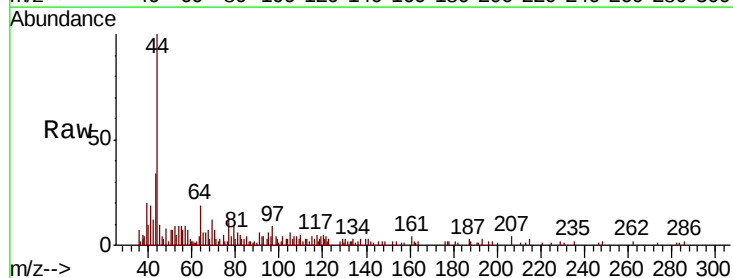
Acq: 06 Dec 2018 20:03

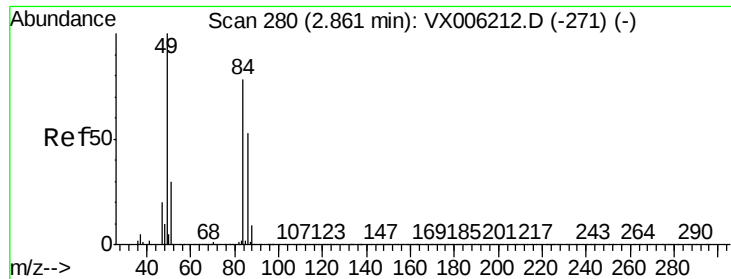
Tgt Ion: 43 Resp: 2038

Ion Ratio Lower Upper

43 100

58 11.8 24.0 36.0#

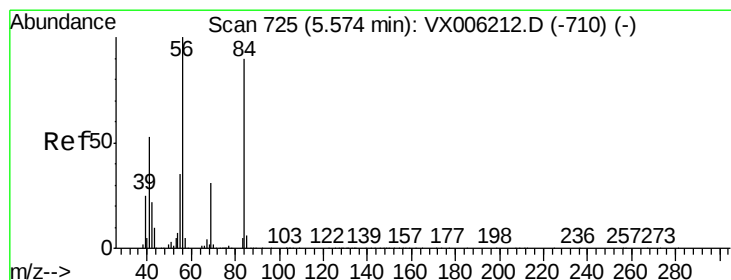
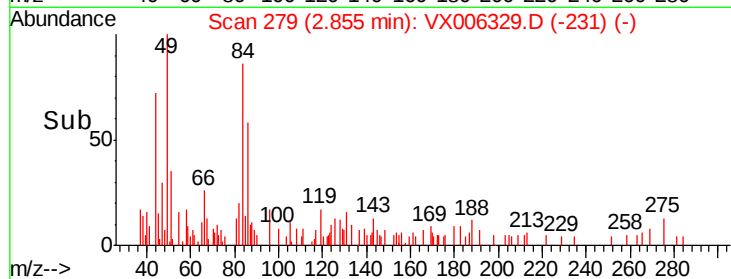
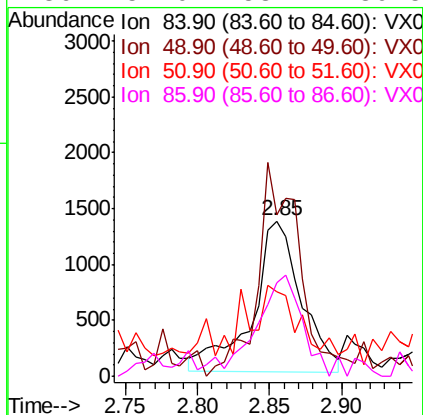
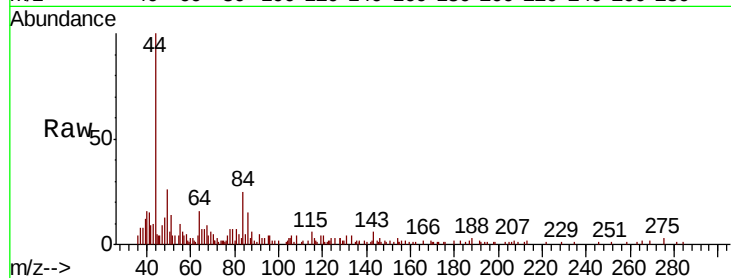




#20
Methvlene Chloride
Concen: 0.352 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

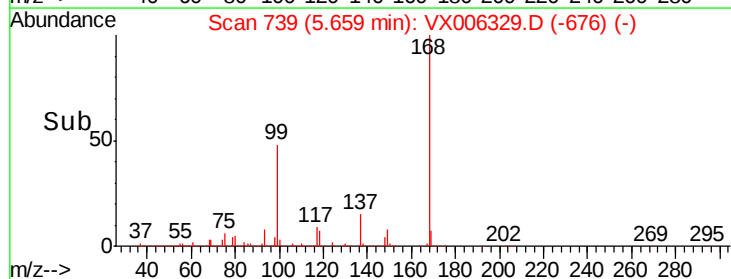
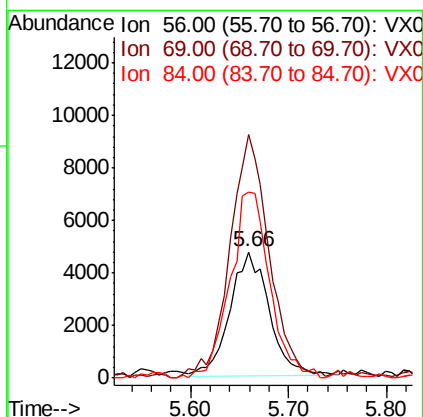
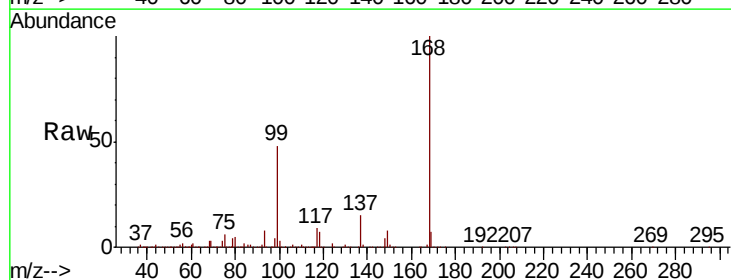
Instrument :
MSVOA_X
ClientSampleId :

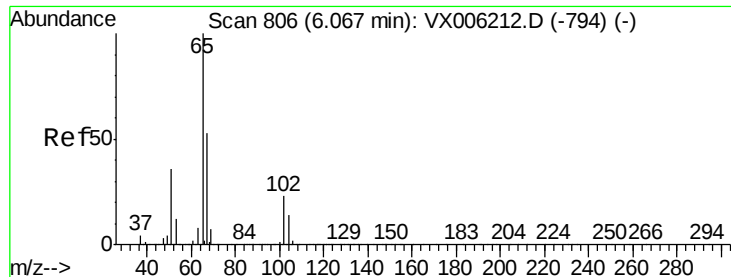
Tot Ion: 84 Resp: 3192
Ion Ratio Lower Upper
84 100
49 102.5 102.2 153.4
51 45.5 31.1 46.7
86 52.0 53.7 80.5#



#31
Cyclohexane
Concen: 0.996 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

Tgt Ion: 56 Resp: 13046
Ion Ratio Lower Upper
56 100
69 192.8 24.5 36.7#
84 151.0 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 45.776 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

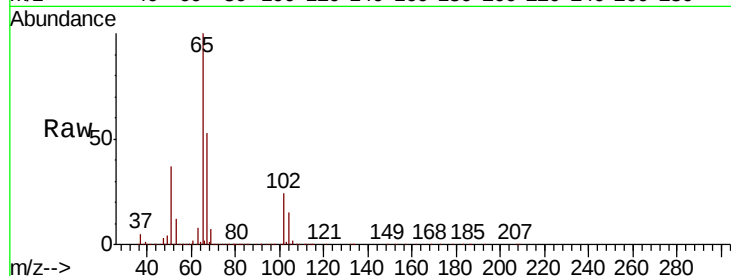
ClientSampleId :

Tot Ion: 65 Resp: 415113

Ion Ratio Lower Upper

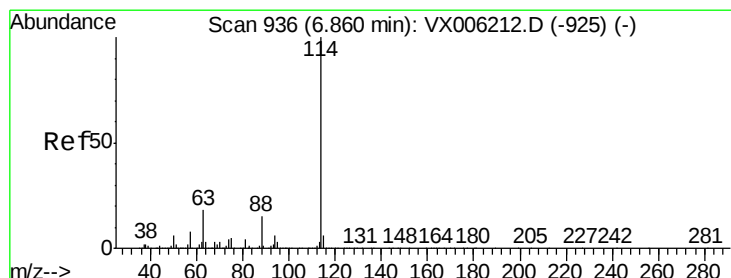
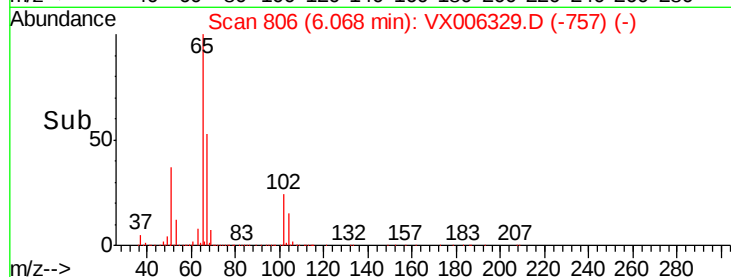
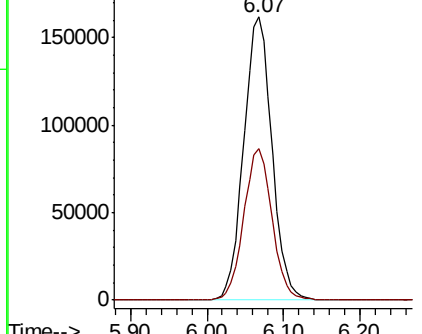
65 100

67 53.8 0.0 107.2



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: VX006329.D

Acq: 06 Dec 2018 20:03

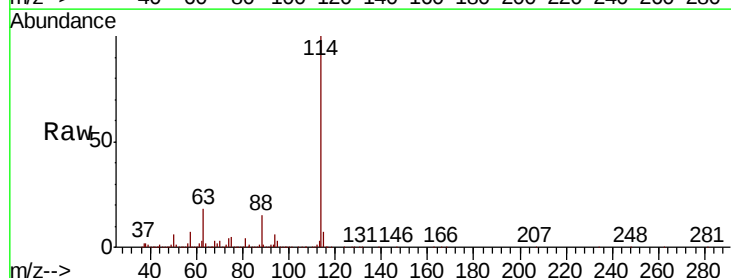
Tgt Ion: 114 Resp: 1302972

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

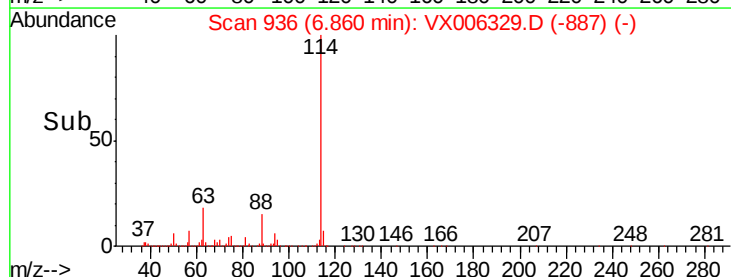
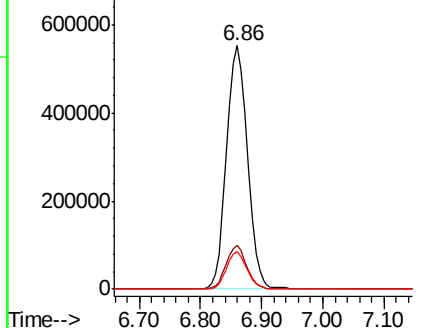
88 15.2 0.0 29.0

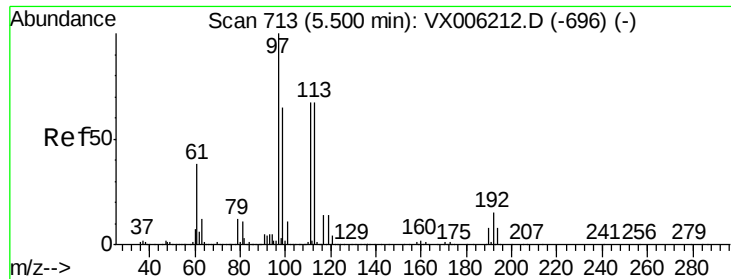


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.624 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :

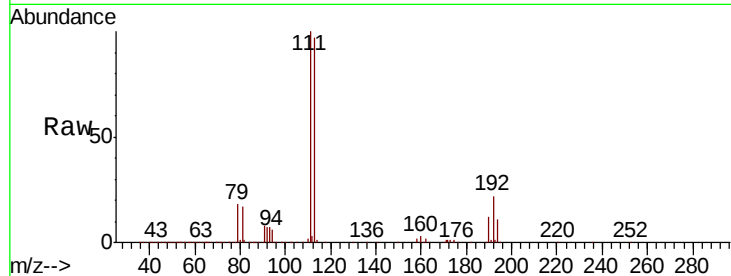
Tot Ion:113 Resp: 393332

Ion Ratio Lower Upper

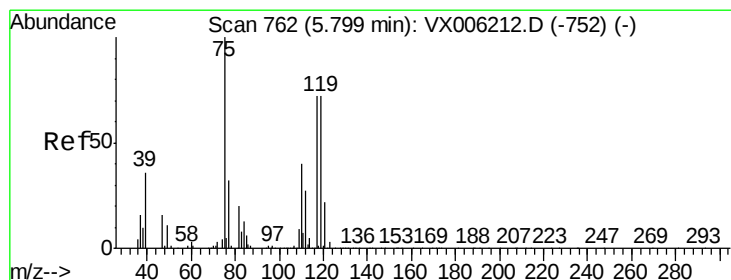
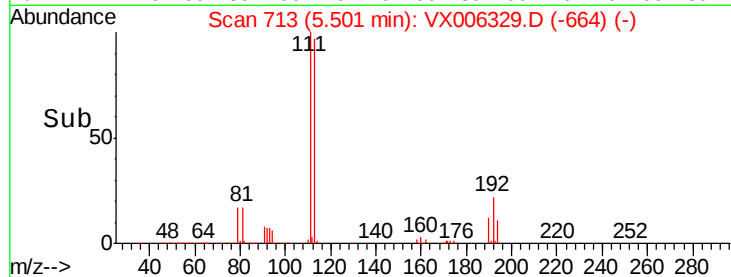
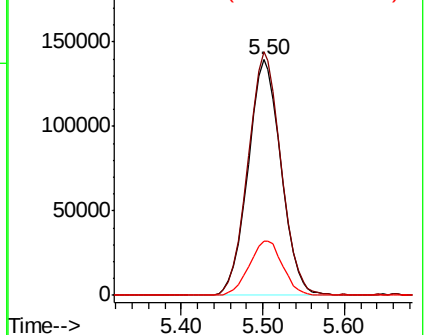
113 100

111 103.2 81.1 121.7

192 23.4 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.687 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

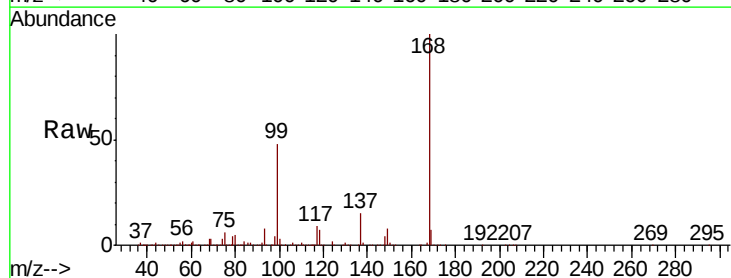
Tgt Ion: 75 Resp: 51422

Ion Ratio Lower Upper

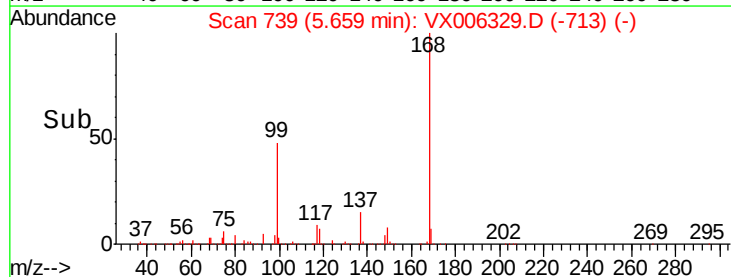
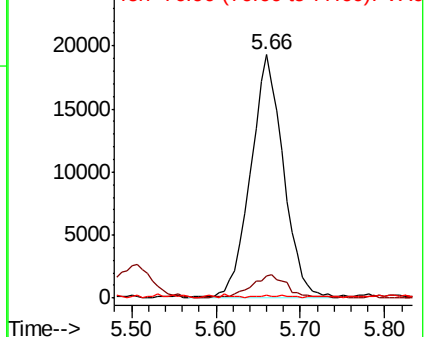
75 100

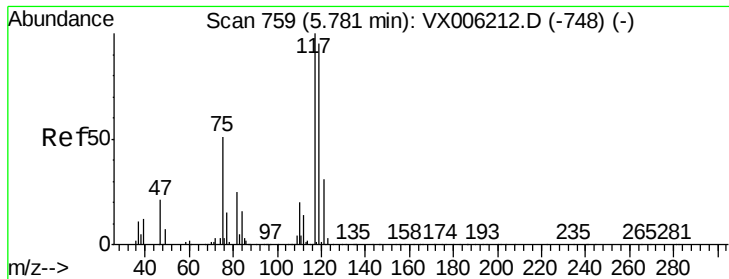
110 10.7 20.4 61.3#

77 0.5 24.9 37.3#



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: 5.924 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

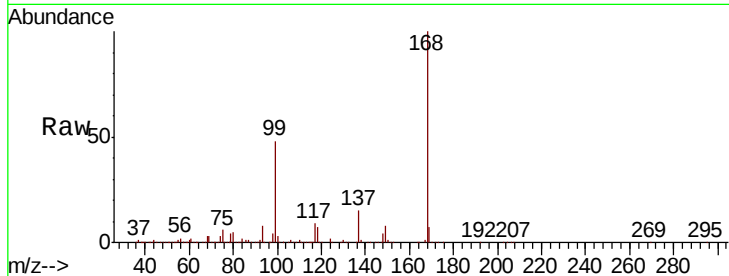
Tot Ion:117 Resp: 76467

Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.8#

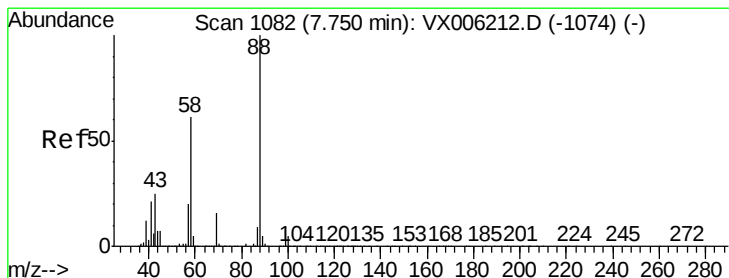
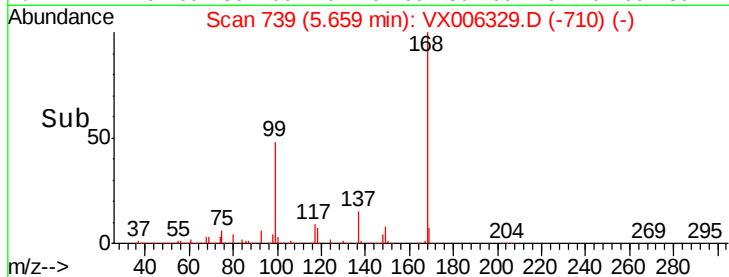
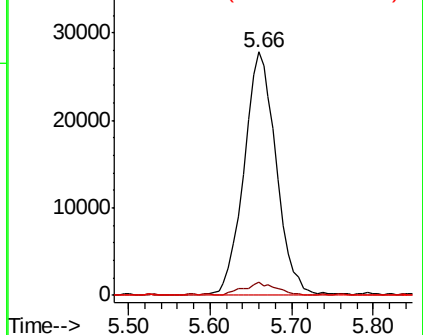
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 0.586 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

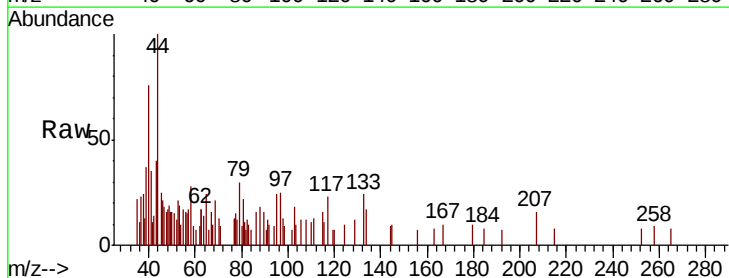
Tgt Ion: 88 Resp: 144

Ion Ratio Lower Upper

88 100

43 284.0 23.2 34.8#

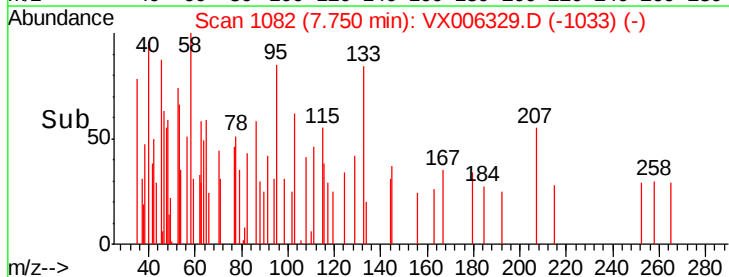
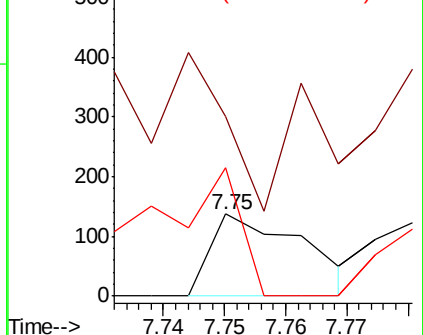
58 150.7 51.4 77.0#

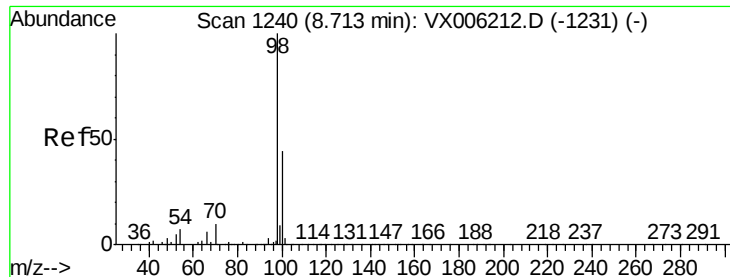


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.950 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

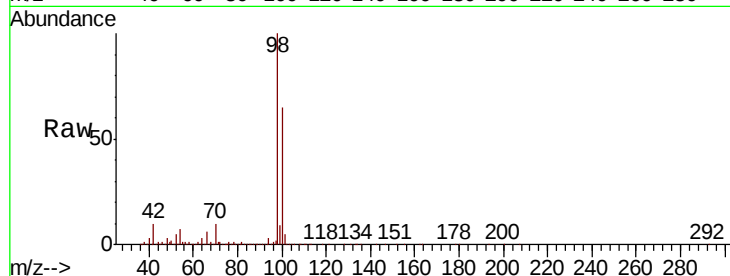
ClientSampleId :

Tot Ion: 98 Resp: 1502077

Ion Ratio Lower Upper

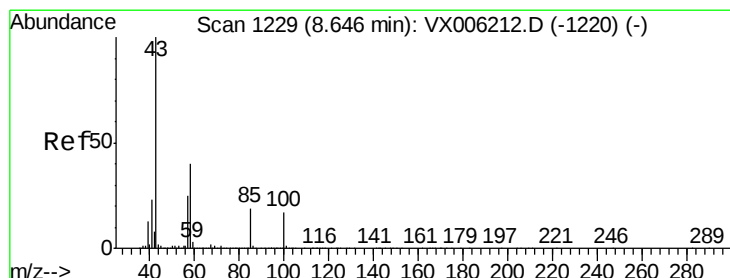
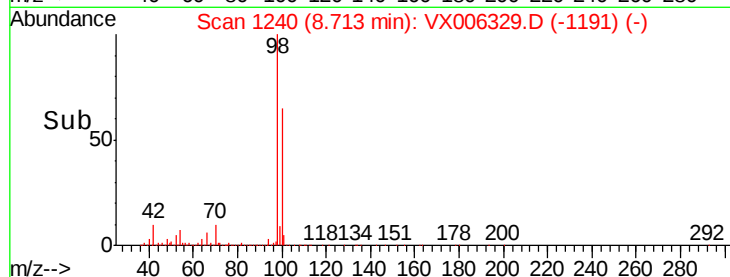
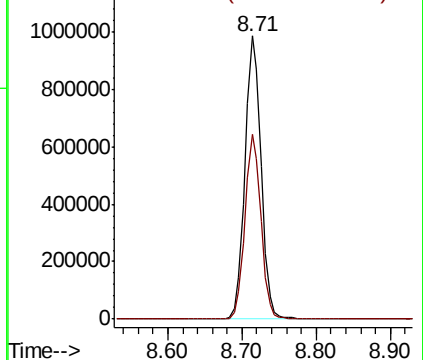
98 100

100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 0.346 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX006329.D

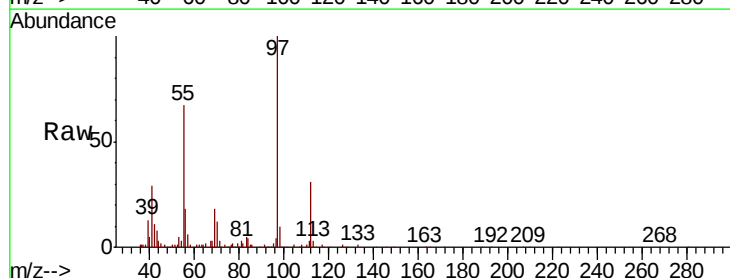
Acq: 06 Dec 2018 20:03

Tgt Ion: 43 Resp: 4121

Ion Ratio Lower Upper

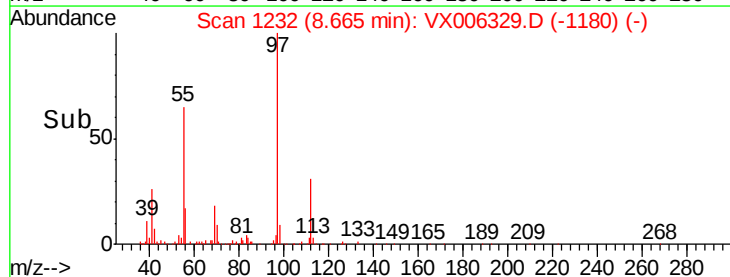
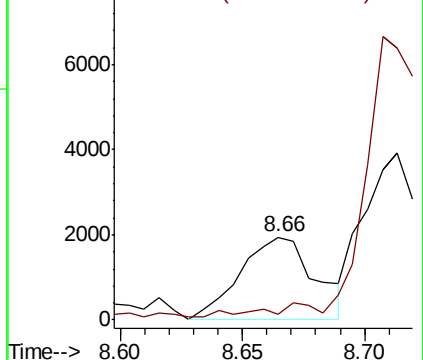
43 100

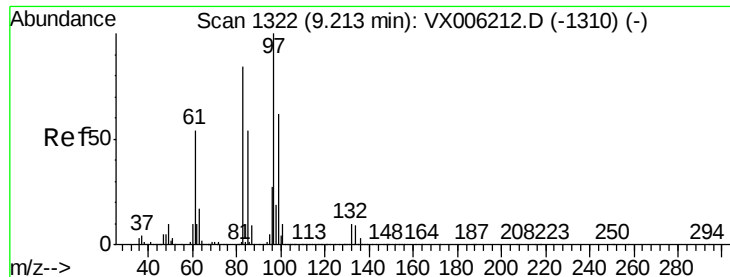
58 0.0 31.3 46.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#55

1,1,2-Trichloroethane

Concen: 4.040 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 35487

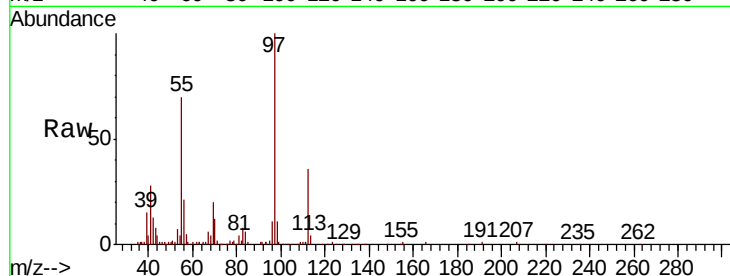
Ion Ratio Lower Upper

97 100

83 6.9 67.1 100.7#

85 0.6 43.2 64.8#

99 0.5 49.8 74.6#

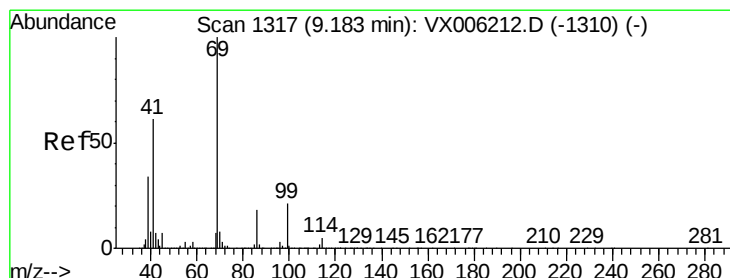
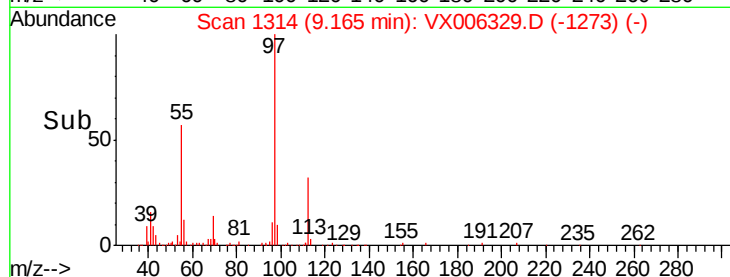
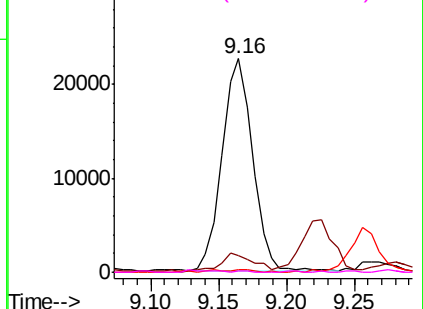


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.531 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

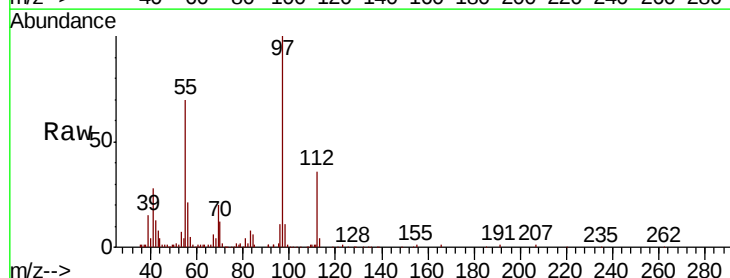
Tgt Ion: 69 Resp: 7285

Ion Ratio Lower Upper

69 100

41 147.5 50.6 76.0#

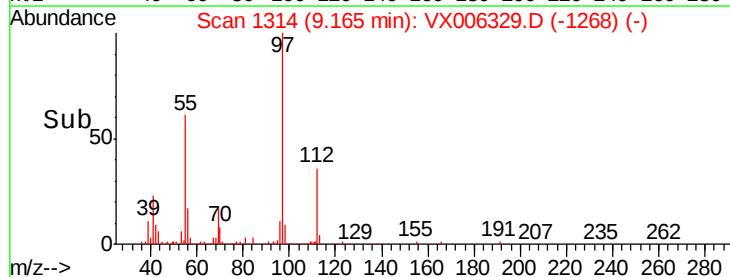
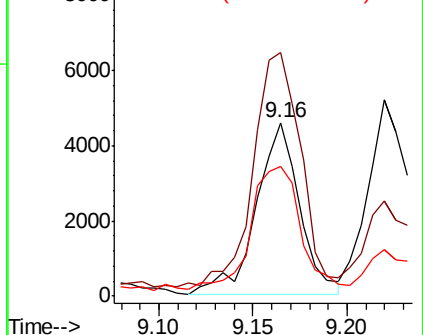
39 81.8 27.6 41.4#

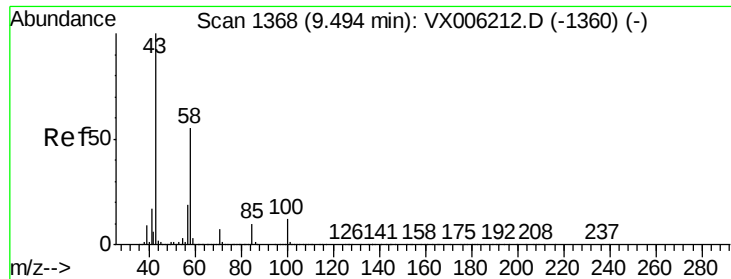


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

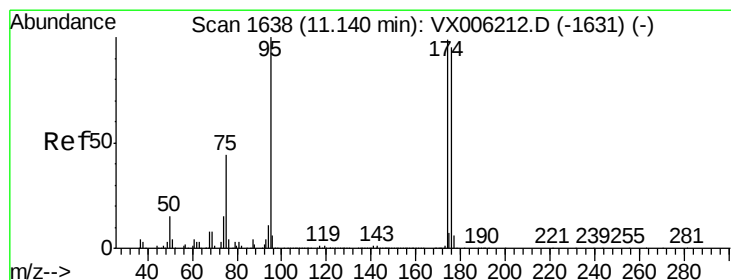
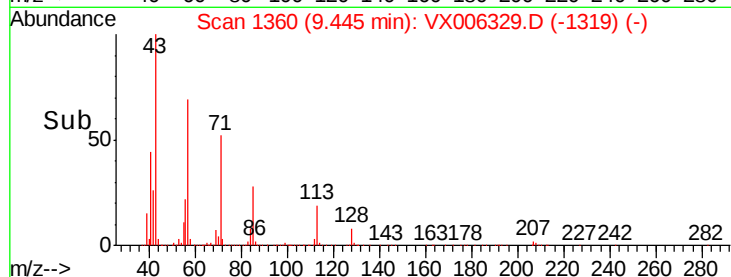
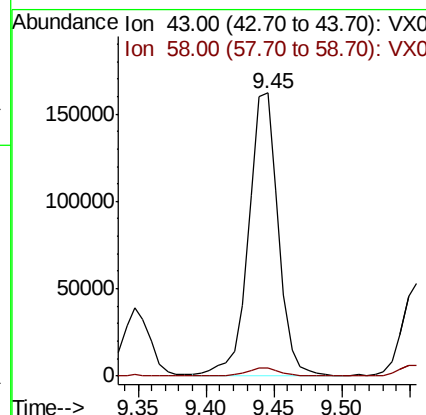
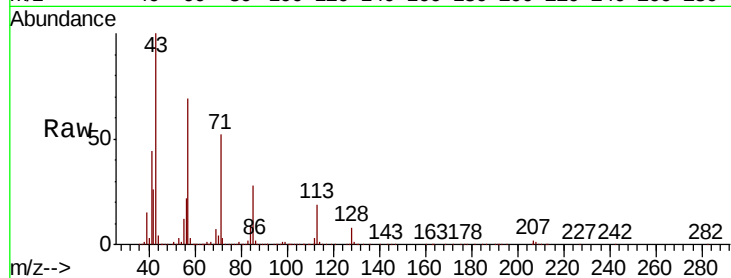




#59
2-Hexanone
Concen: 26.855 ug/l
RT: 9.45 min Scan# 1360
Delta R.T. -0.05 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

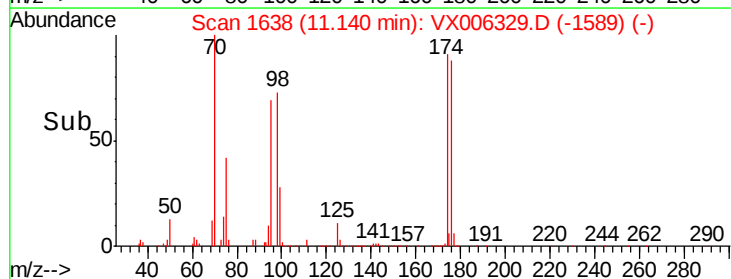
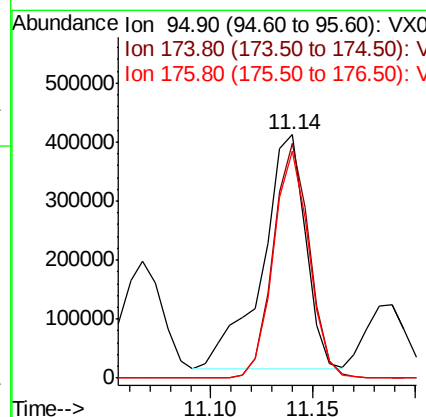
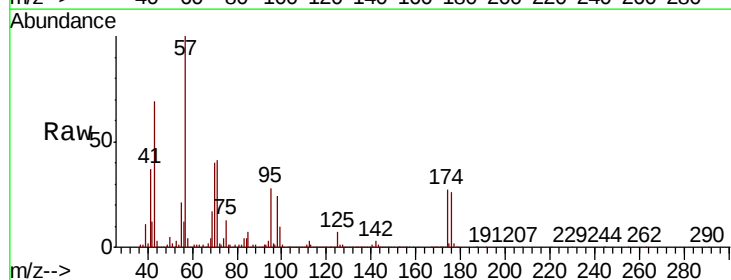
Instrument :
MSVOA_X
ClientSampleId :

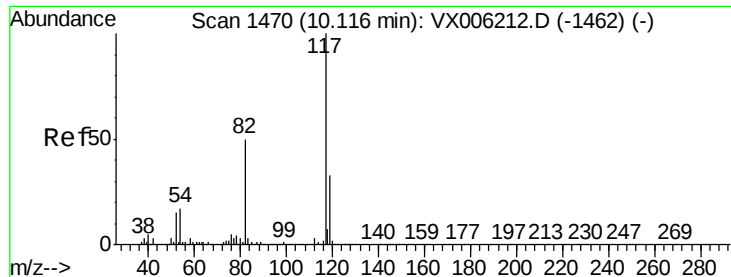
Tot Ion: 43 Resp: 244696
Ion Ratio Lower Upper
43 100
58 3.2 27.7 83.1#



#62
4-Bromofluorobenzene
Concen: 51.114 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

Tgt Ion: 95 Resp: 591052
Ion Ratio Lower Upper
95 100
174 83.5 0.0 187.0
176 80.1 0.0 181.8

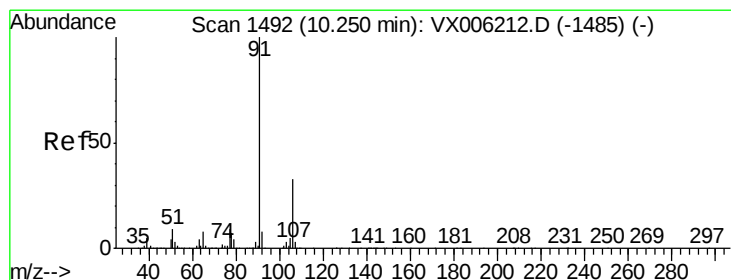
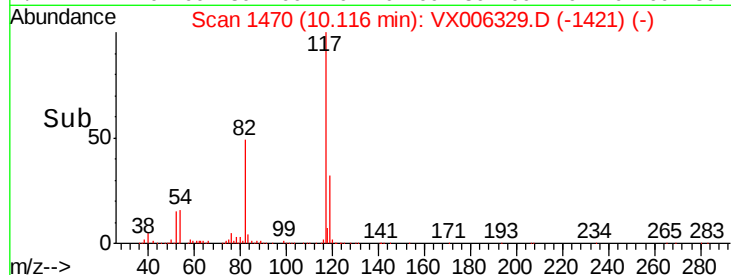
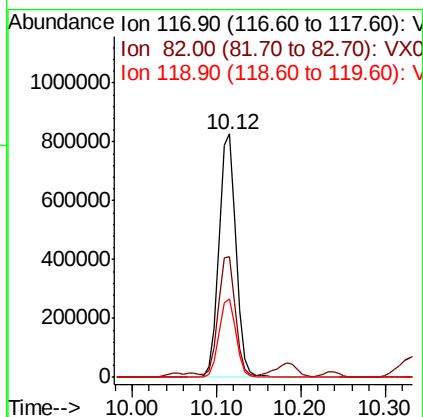
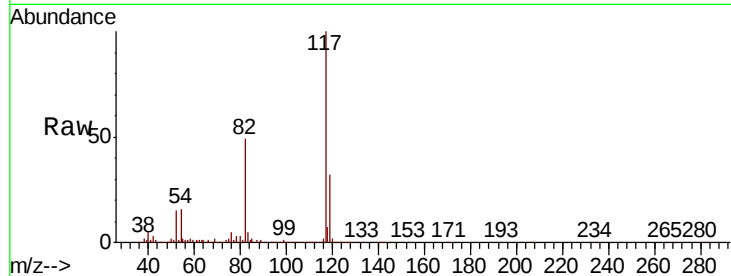




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

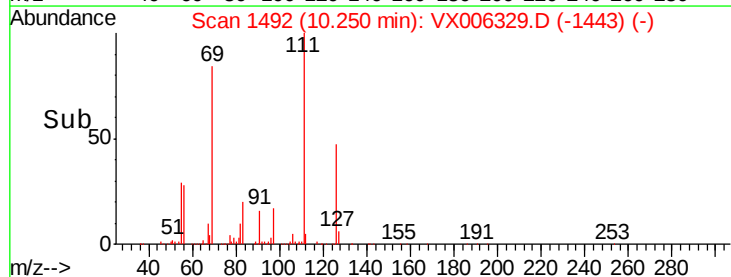
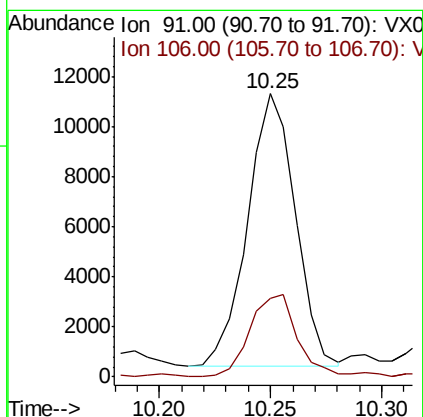
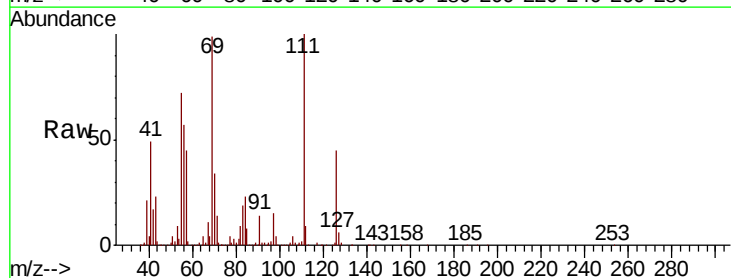
Instrument :
MSVOA_X
ClientSampleId :

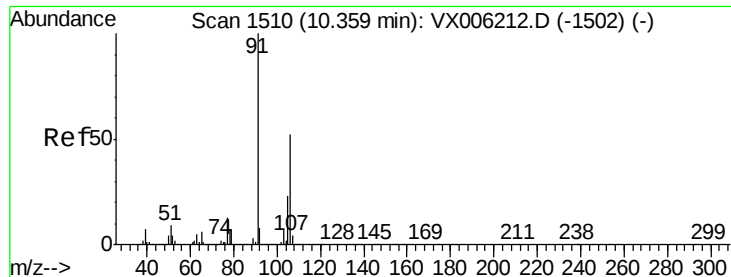
Tot Ion:117 Resp: 1160351
Ion Ratio Lower Upper
117 100
82 47.8 39.6 59.4
119 32.1 26.3 39.5



#67
Ethyl Benzene
Concen: 0.393 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

Tgt Ion: 91 Resp: 16093
Ion Ratio Lower Upper
91 100
106 28.9 26.5 39.7





#68

m/p-Xylenes

Concen: 4.043 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

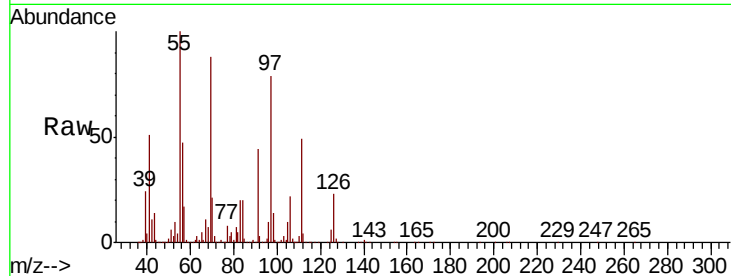
ClientSampled :

Tot Ion:106 Resp: 66355

Ion Ratio Lower Upper

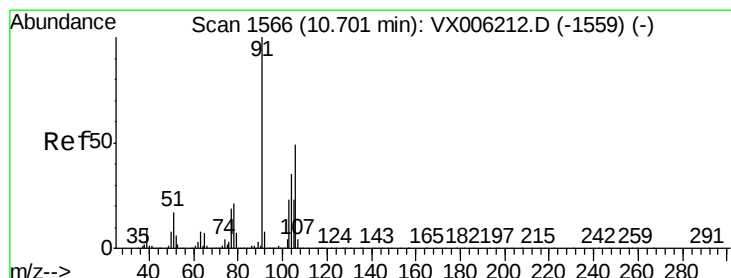
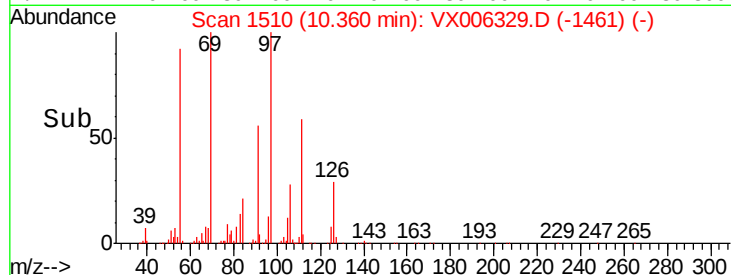
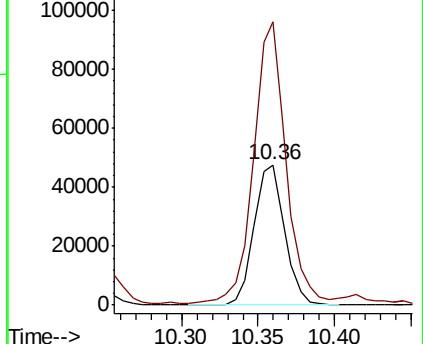
106 100

91 211.9 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 2.439 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX006329.D

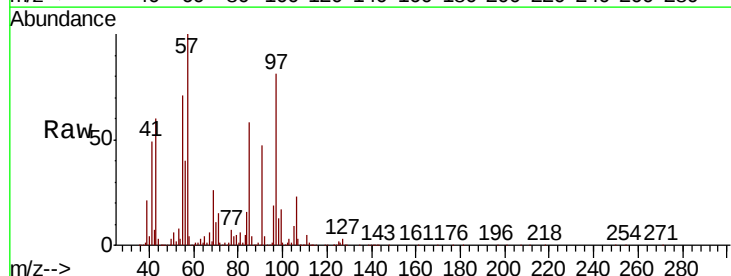
Acq: 06 Dec 2018 20:03

Tgt Ion:106 Resp: 39538

Ion Ratio Lower Upper

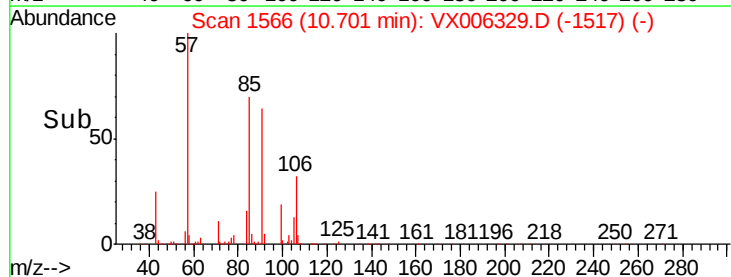
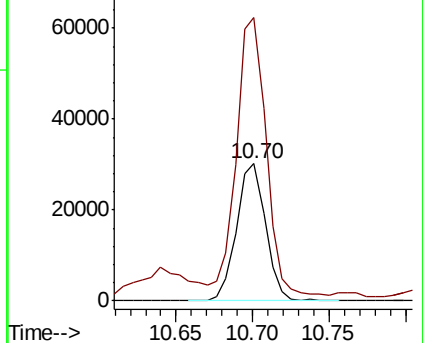
106 100

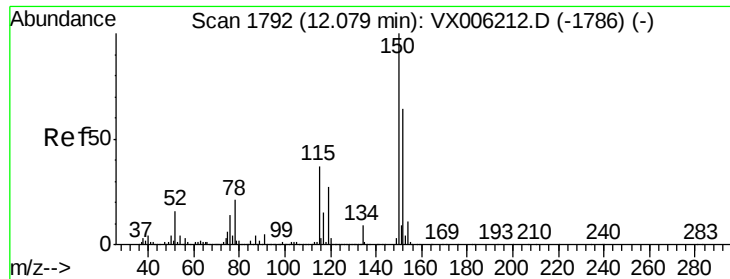
91 207.1 101.8 305.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



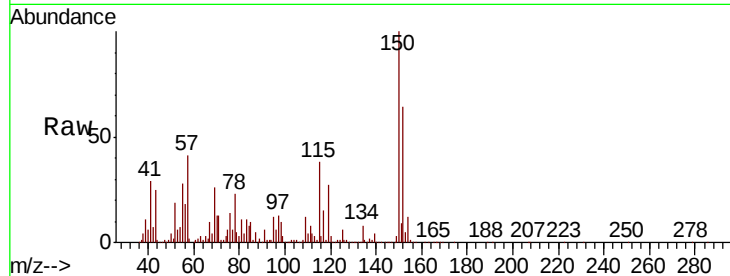


#72

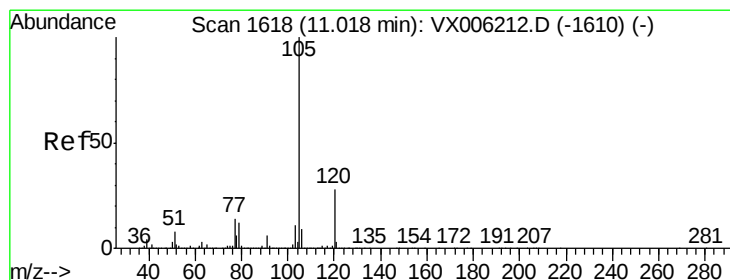
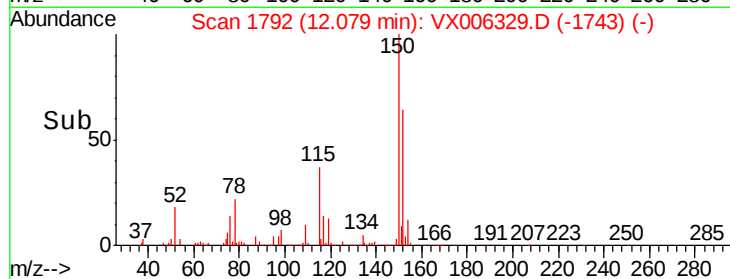
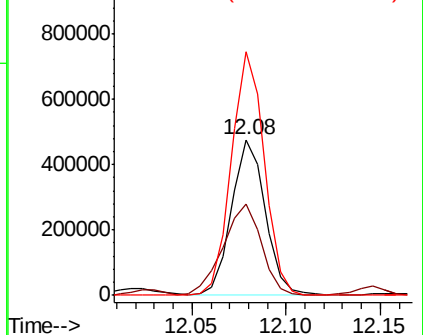
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	66.6	39.0	116.9
150	153.3	0.0	345.8



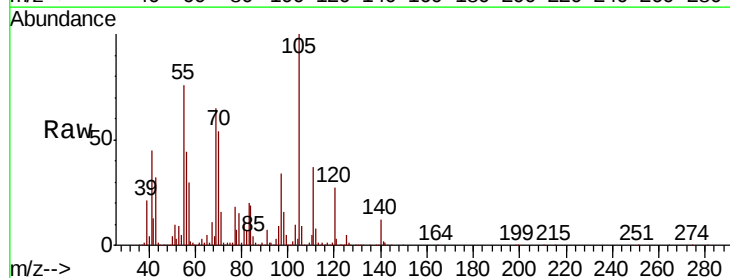
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



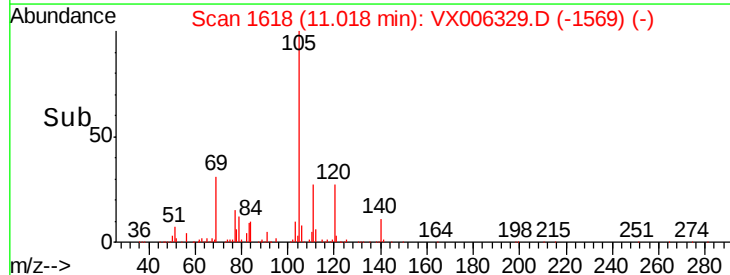
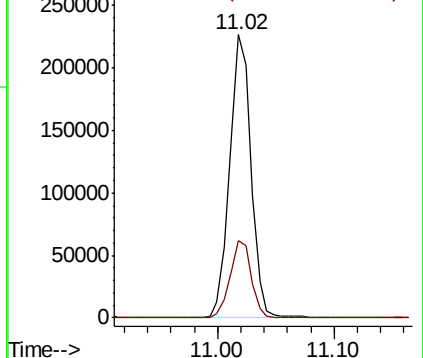
#73

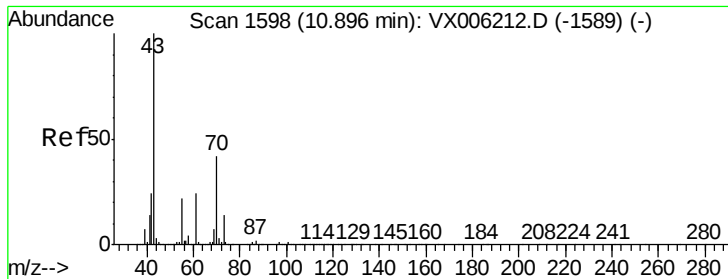
Isopropylbenzene
Concen: 7.093 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	14.1	42.3



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





#74

N-amvl acetate

Concen: 47.305 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 829307

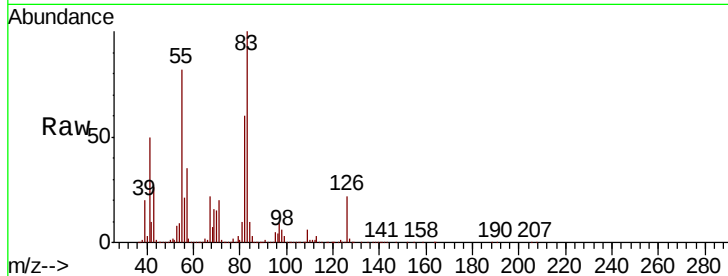
Ion Ratio Lower Upper

43 100

70 80.5 34.1 51.1#

55 263.5 17.8 26.8#

61 0.1 19.7 29.5#

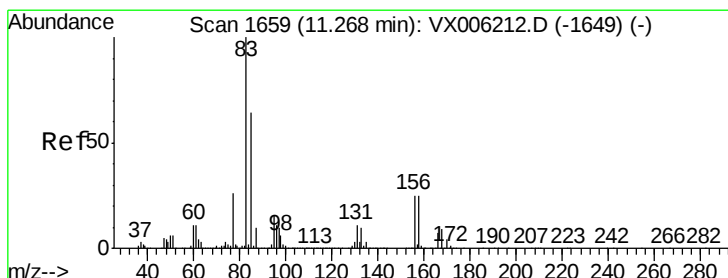
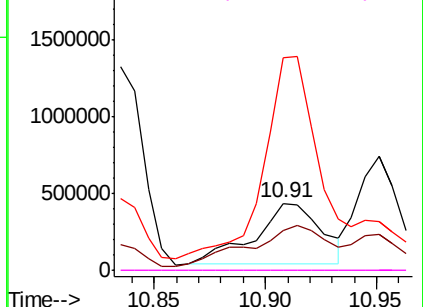
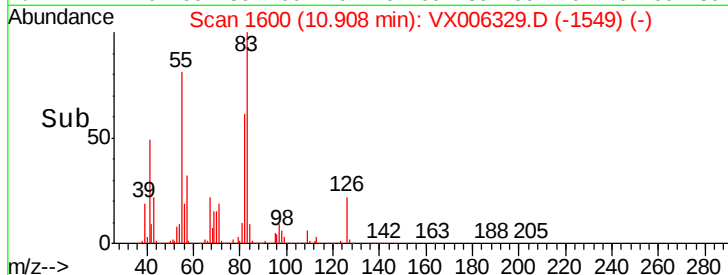


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 52.998 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

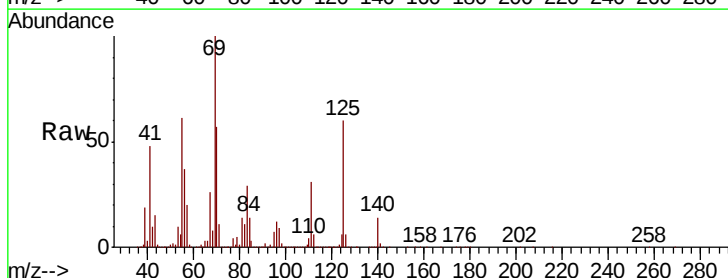
Tgt Ion: 83 Resp: 690268

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

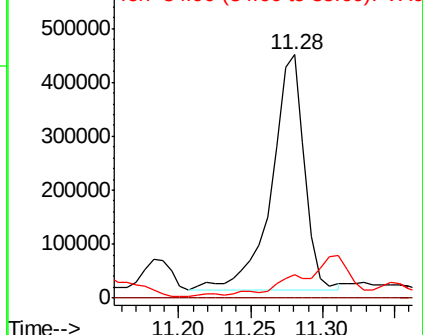
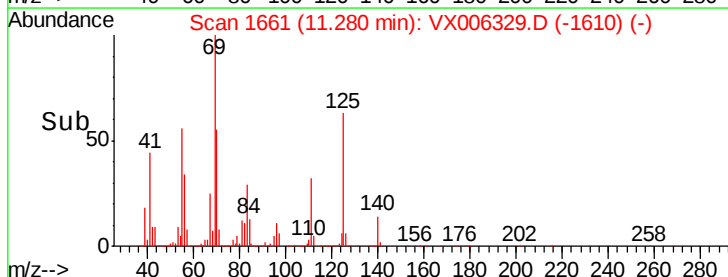
85 8.1 32.1 96.5#

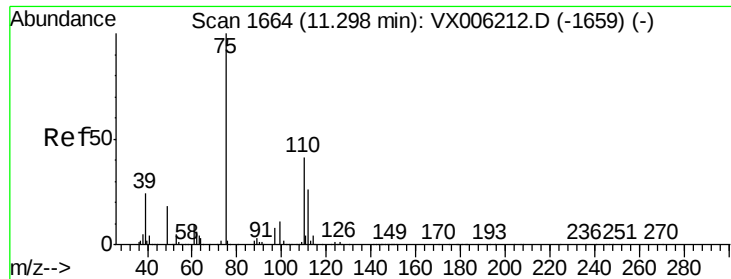


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 21.003 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

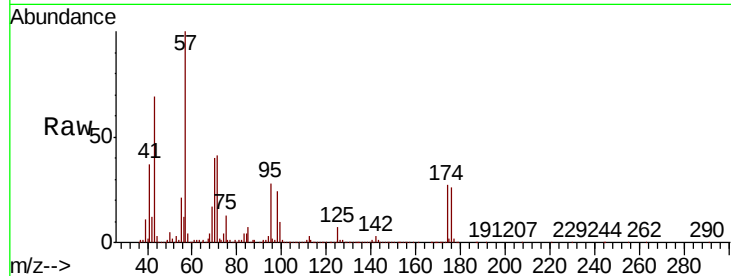
ClientSampleId :

Tot Ion: 75 Resp: 238991

Ion Ratio Lower Upper

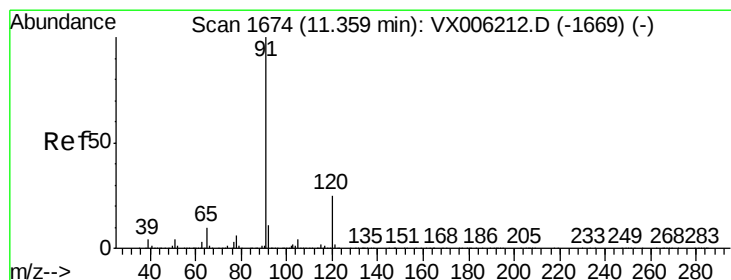
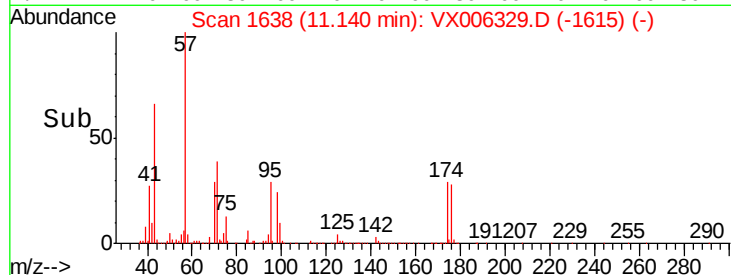
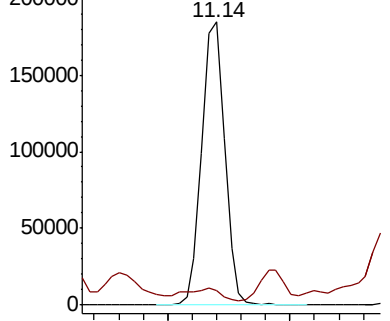
75 100

77 6.6 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 16.757 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006329.D

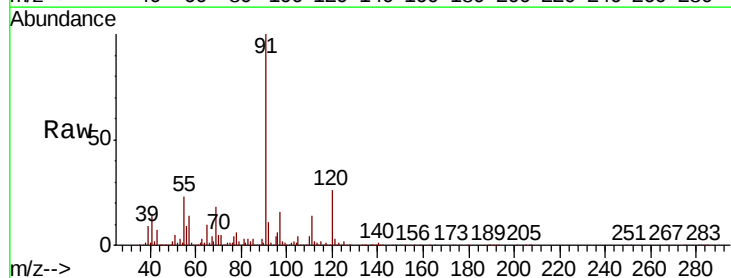
Acq: 06 Dec 2018 20:03

Tgt Ion: 91 Resp: 758351

Ion Ratio Lower Upper

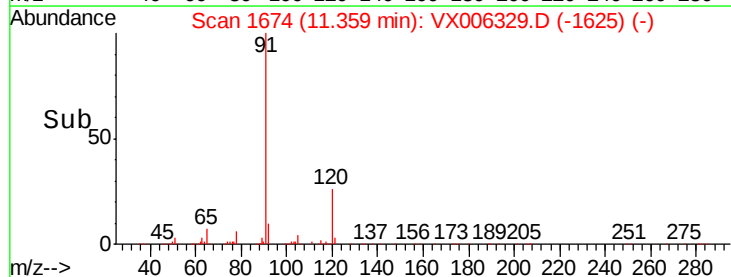
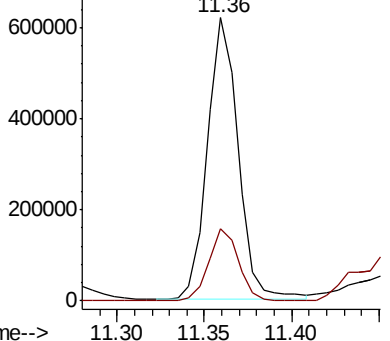
91 100

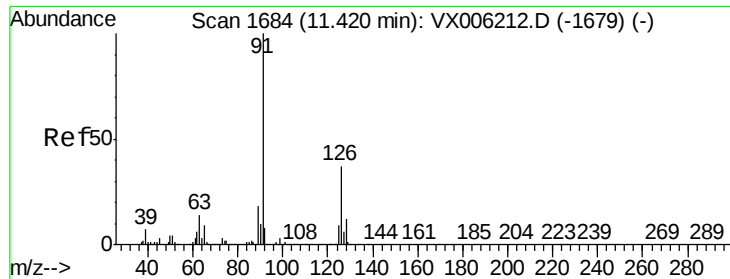
120 24.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

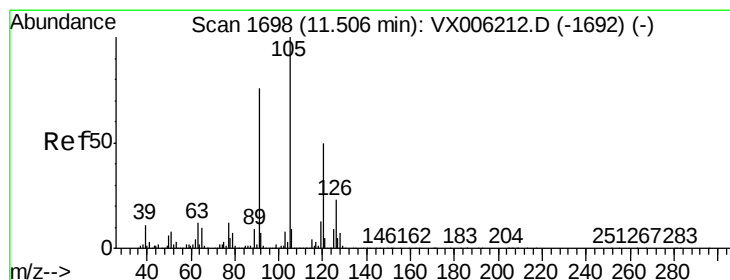
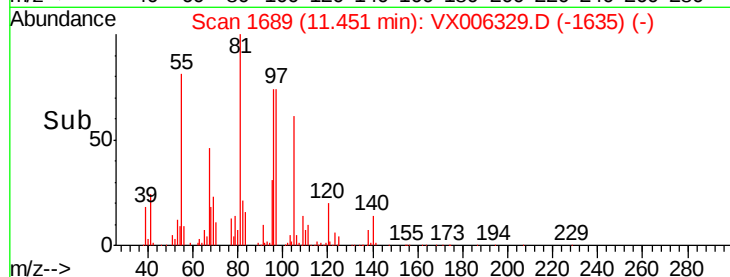
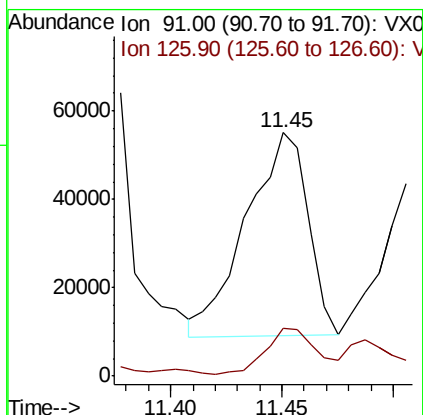
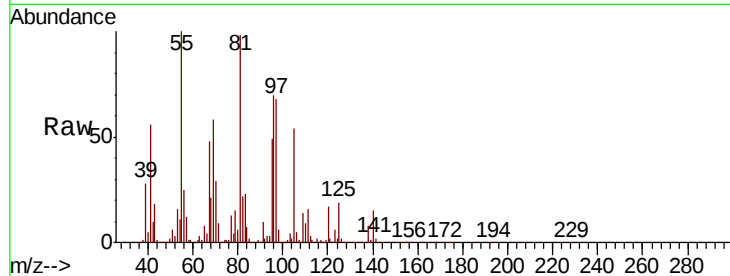




#79
2-Chlorotoluene
Concen: 3.272 ug/l
RT: 11.45 min Scan# 1689
Delta R.T. 0.03 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

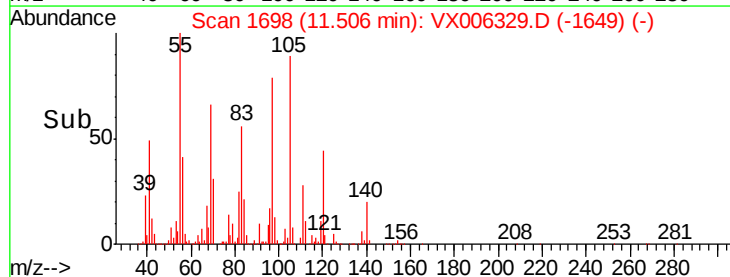
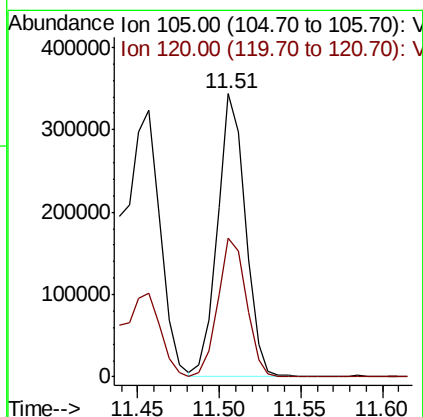
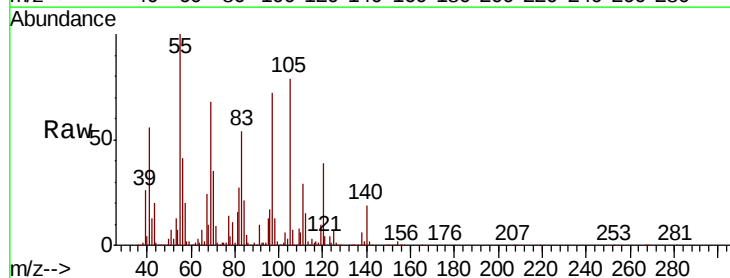
Instrument :
MSVOA_X
ClientSampleId :

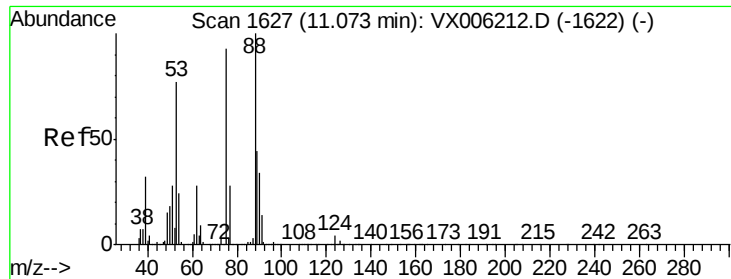
Tot Ion: 91 Resp: 88011
Ion Ratio Lower Upper
91 100
126 18.8 18.6 56.0



#80
1,3,5-Trimethylbenzene
Concen: 12.030 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

Tgt Ion: 105 Resp: 407492
Ion Ratio Lower Upper
105 100
120 50.3 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 49.289 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

ClientSampleId :

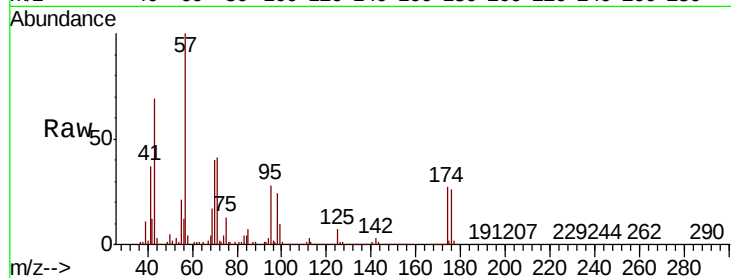
Tot Ion: 75 Resp: 238991

Ion Ratio Lower Upper

75 100

53 25.8 64.4 96.6#

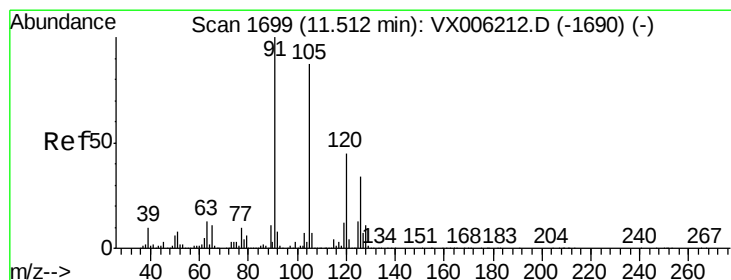
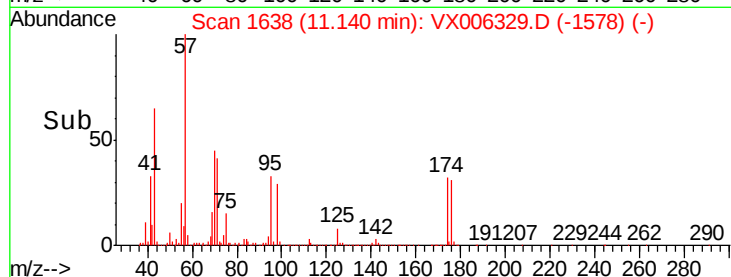
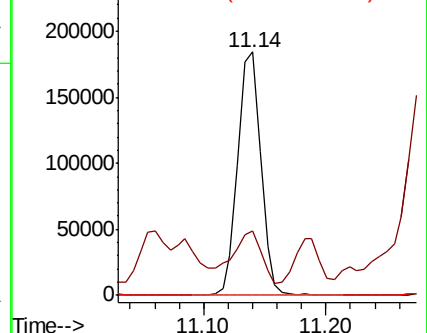
89 0.0 44.2 66.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 2.814 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.06 min

Lab File: VX006329.D

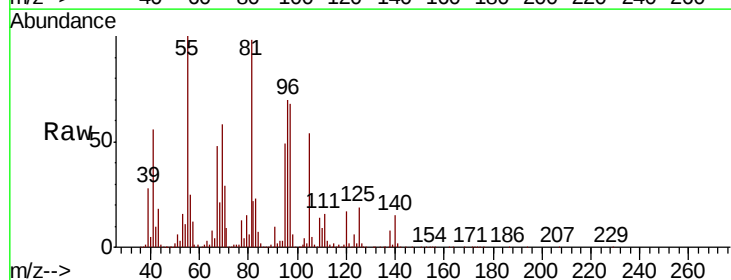
Acq: 06 Dec 2018 20:03

Tgt Ion: 91 Resp: 88011

Ion Ratio Lower Upper

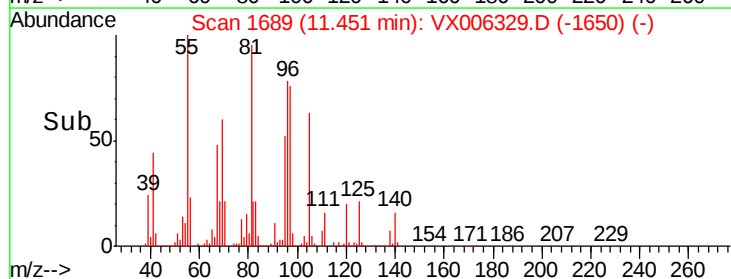
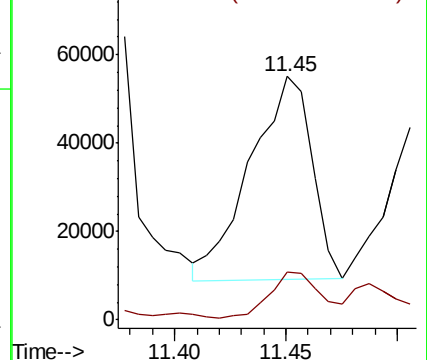
91 100

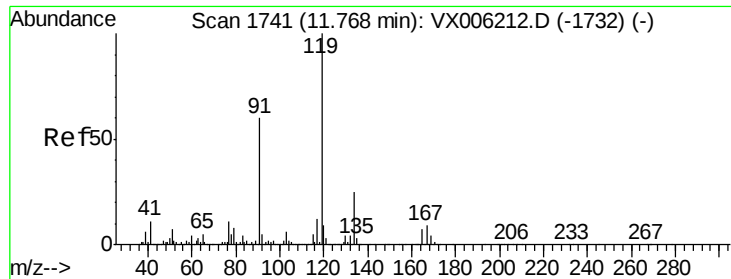
126 18.8 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 6.776 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

ClientSampled :

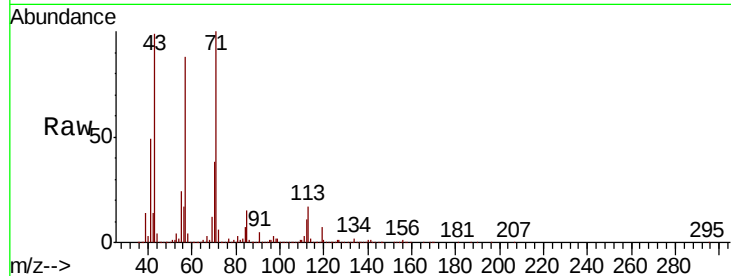
Tot Ion:119 Resp: 244907

Ion Ratio Lower Upper

119 100

91 70.1 26.4 79.2

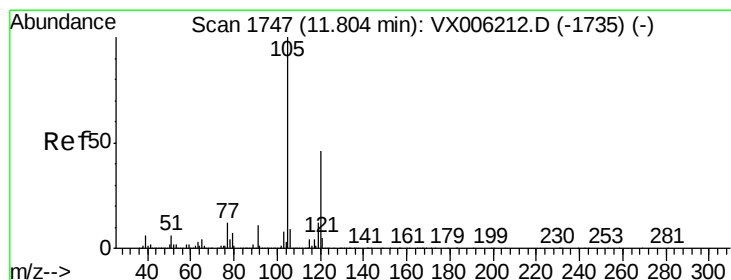
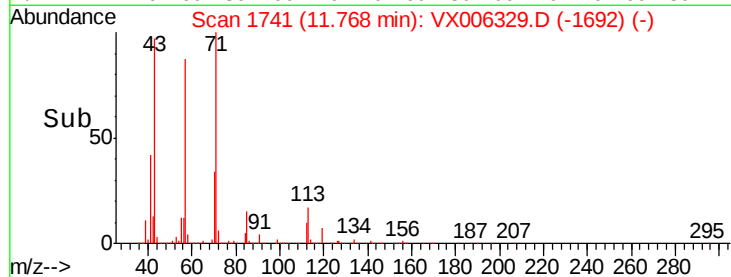
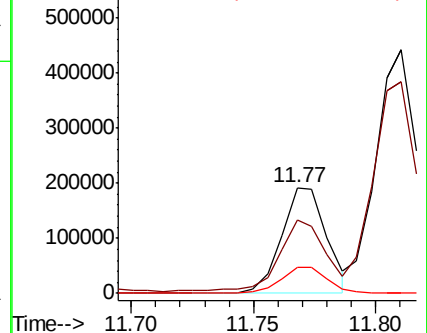
134 25.4 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 123.634 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006329.D

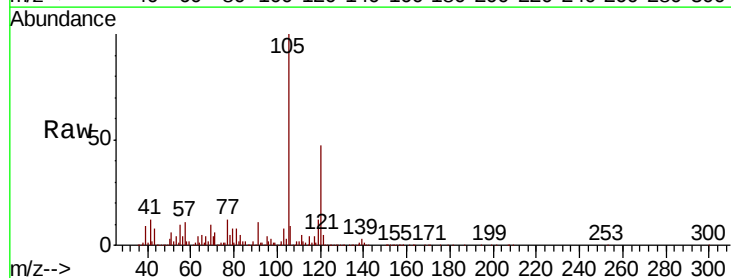
Acq: 06 Dec 2018 20:03

Tgt Ion:105 Resp: 4324344

Ion Ratio Lower Upper

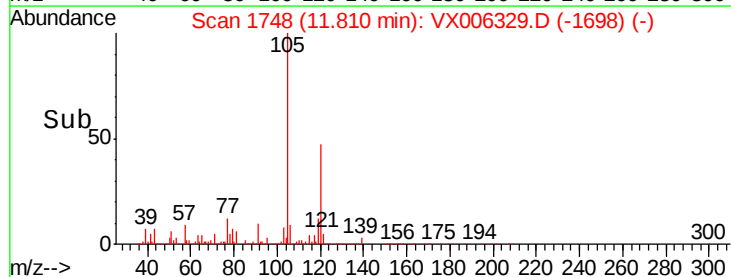
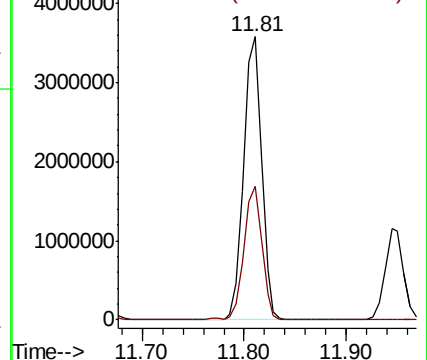
105 100

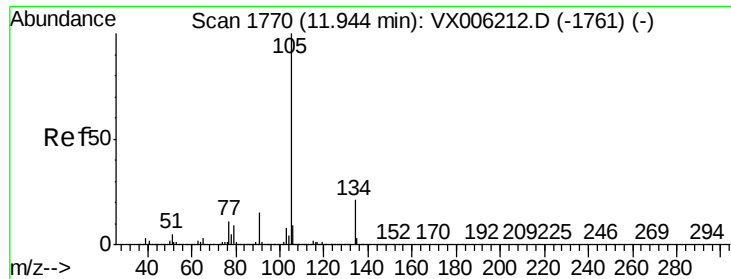
120 47.4 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 35.741 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

Instrument :

MSVOA_X

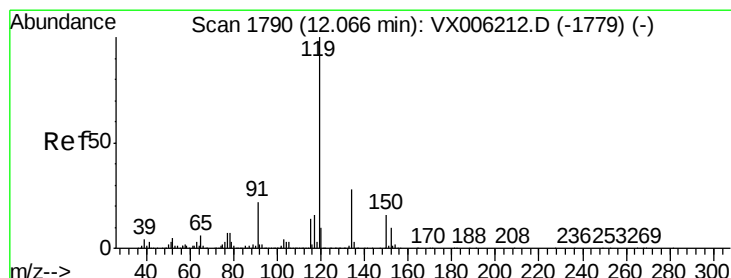
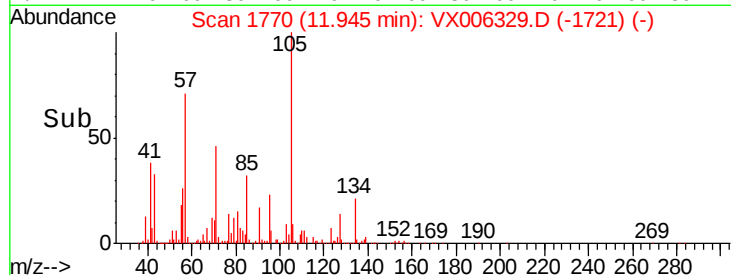
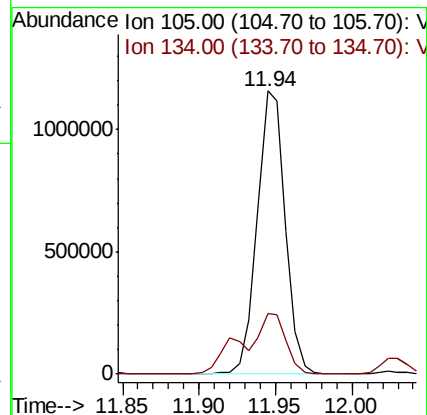
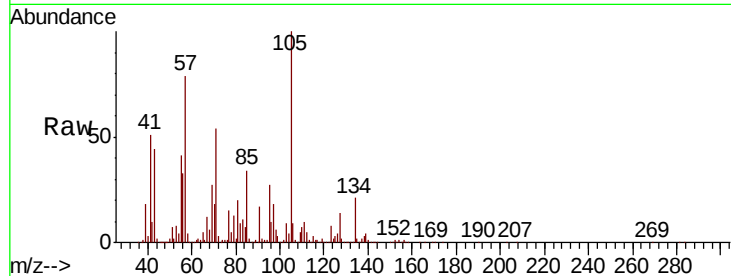
ClientSampled :

Tot Ion:105 Resp: 1469532

Ion Ratio Lower Upper

105 100

134 33.1 10.8 32.4#



#86

p-Isopropyltoluene

Concen: 29.779 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006329.D

Acq: 06 Dec 2018 20:03

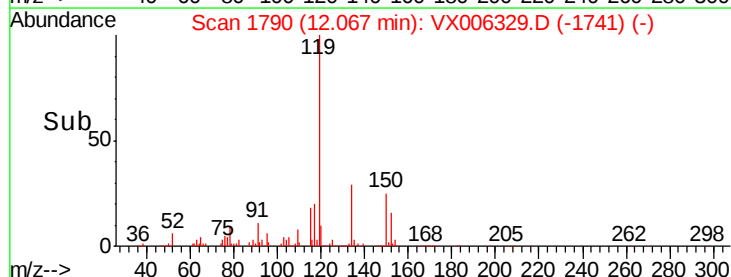
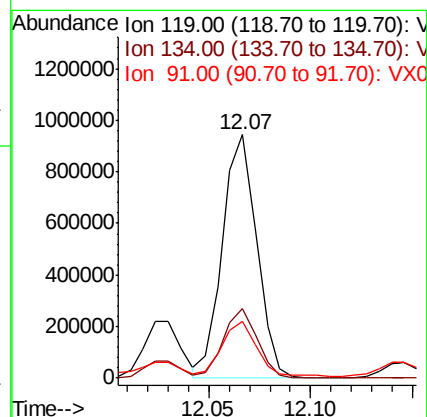
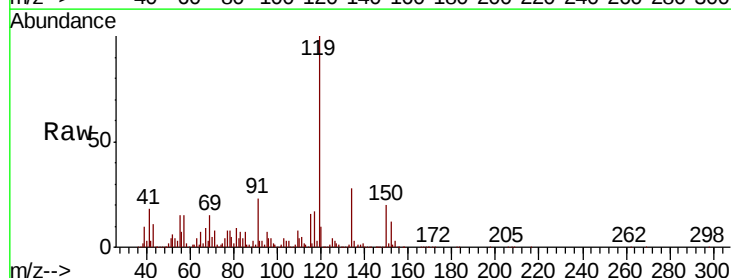
Tgt Ion:119 Resp: 1102501

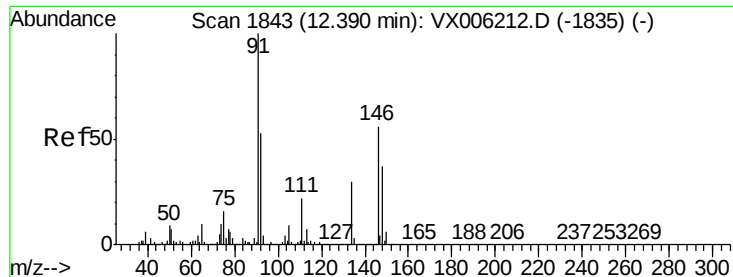
Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.6

91 22.1 11.3 33.8

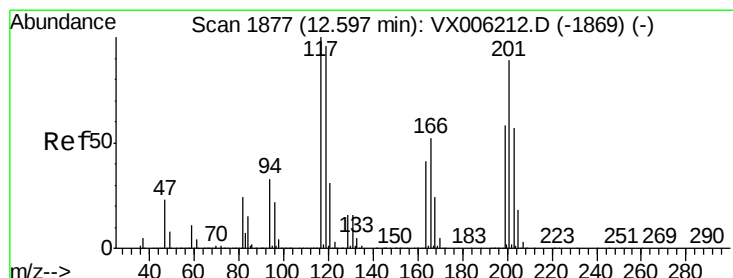
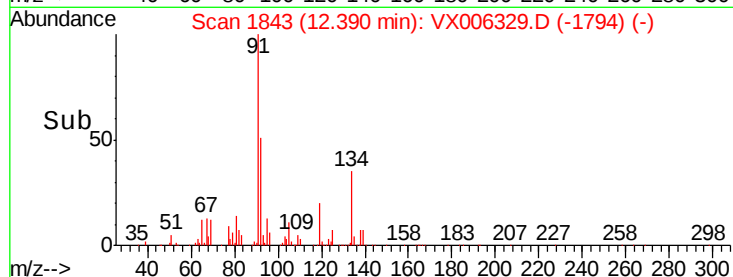
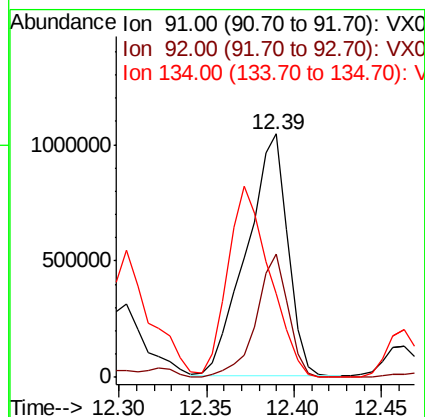
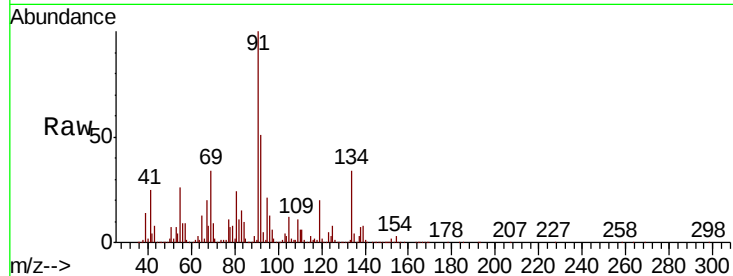




#89
n-Butylbenzene
Concen: 53.641 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

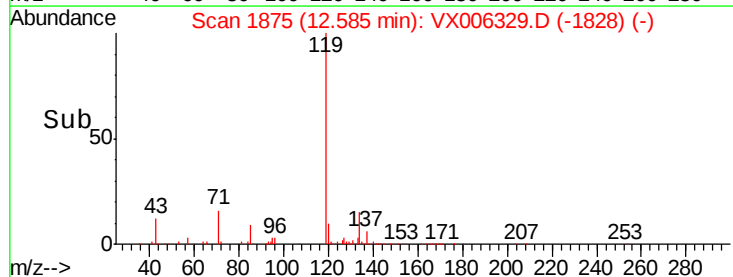
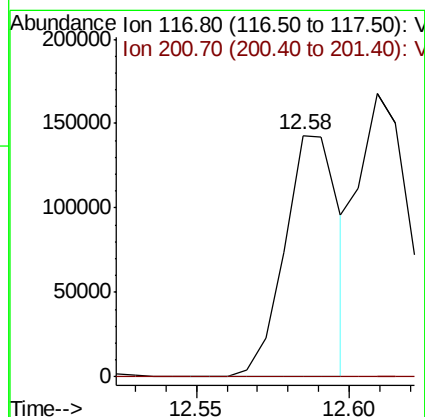
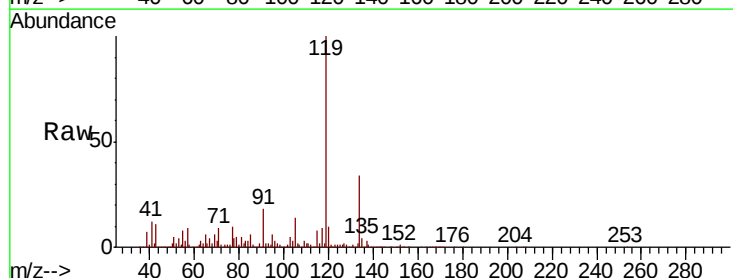
Instrument :
MSVOA_X
ClientSampleId :

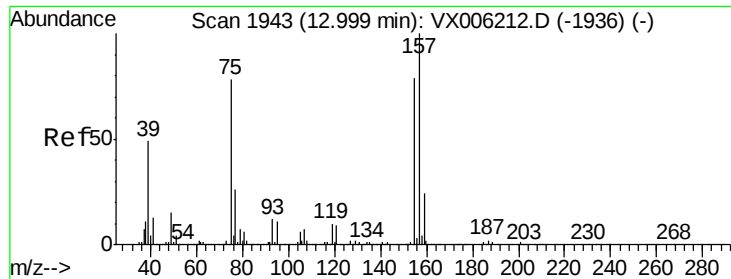
Tot Ion: 91 Resp: 1694506
Ion Ratio Lower Upper
91 100
92 39.4 26.6 79.8
134 80.9 14.8 44.3#



#90
Hexachloroethane
Concen: 23.304 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX006329.D
Acq: 06 Dec 2018 20:03

Tgt Ion: 117 Resp: 175847
Ion Ratio Lower Upper
117 100
201 0.0 44.7 134.1#

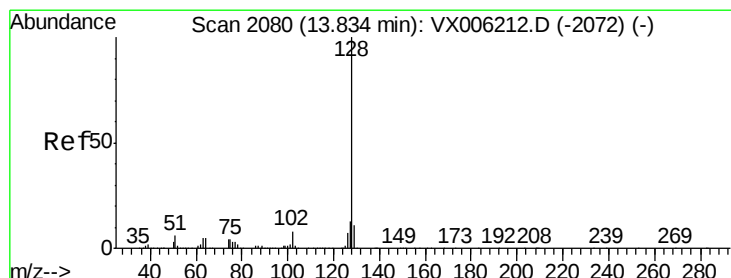
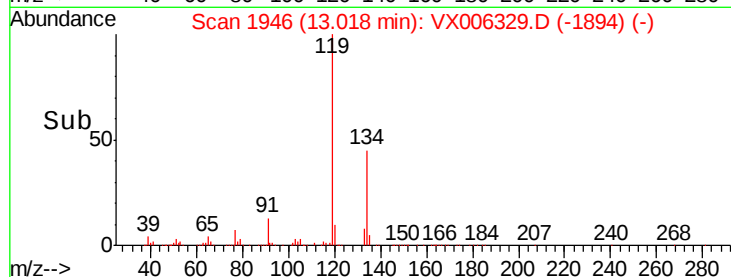
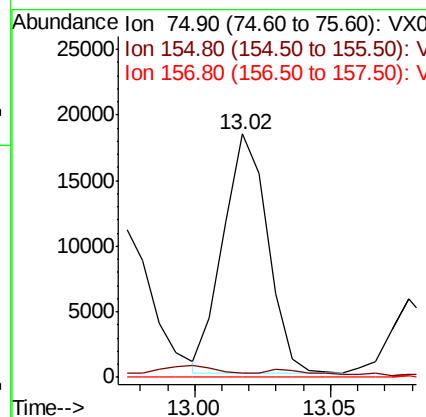
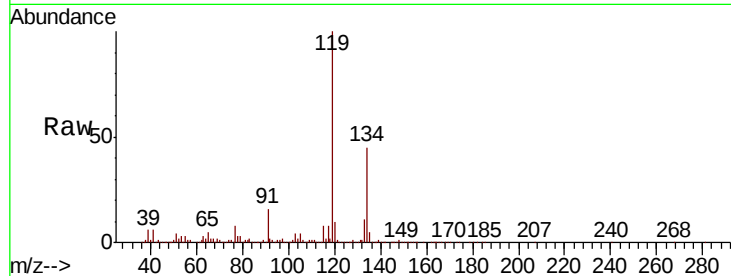




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.176 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX006329.D
 Acq: 06 Dec 2018 20:03

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 20621
 Ion Ratio Lower Upper
 75 100
 155 0.0 53.4 160.3#
 157 0.1 68.0 203.8#



#95
 Naphthalene
 Concen: 14.844 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX006329.D
 Acq: 06 Dec 2018 20:03

Tgt Ion:128 Resp: 672109
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.2 15.4
 129 13.4 8.9 13.3#

