

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\
 Data File : VX006264.D
 Acq On : 03 Dec 2018 20:04
 Operator : JC/MD
 Sample : J5770-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-112918-B

Quant Time: Dec 04 04:59:38 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	5.67	168	846813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1303964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1189201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	586098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	427118	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	5.51	113	412145	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	8.71	98	1523465	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	564268	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	

Target Compounds

						Qvalue
6) Chloroethane	1.57	64	1219	0.217	ug/l #	65
11) Tert butyl alcohol	3.03	59	5798	2.453	ug/l #	73
13) Acrolein	2.27	56	2216	1.715	ug/l #	1
14) Allyl chloride	2.86	41	355274	23.471	ug/l #	28
16) Acetone	2.45	43	40992	10.104	ug/l	90
18) Methyl Acetate	2.78	43	24517	1.807	ug/l	92
20) Methylene Chloride	2.86	84	9427610	1091.920	ug/l	98
25) 2-Butanone	4.70	43	6628	1.145	ug/l #	88
29) Tetrahydrofuran	5.17	42	1925	0.478	ug/l #	46
30) Chloroform	5.21	83	7814	0.550	ug/l	87
31) Cyclohexane	5.58	56	8747	0.700	ug/l #	91
36) 1,1-Dichloropropene	5.67	75	52845	4.813	ug/l #	49
38) Carbon Tetrachloride	5.66	117	75913	5.877	ug/l #	16
39) Methylcyclohexane	7.46	83	11978	0.840	ug/l	93
40) Benzene	6.15	78	48042	1.461	ug/l	100
43) Isopropyl Acetate	6.46	43	47562	2.320	ug/l	99
48) Methyl methacrylate	7.68	41	20206	2.026	ug/l #	12
49) 1,4-Dioxane	7.73	88	263	1.070	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	221248	18.537	ug/l #	49
52) Toluene	8.79	92	1240970	57.354	ug/l	99
53) t-1,3-Dichloropropene	8.78	75	12981	0.949	ug/l #	1
54) cis-1,3-Dichloropropene	8.62	75	119912	8.446	ug/l #	55
57) 1,3-Dichloropropane	9.54	76	24638	1.773	ug/l #	46
59) 2-Hexanone	9.54	43	312629	34.284	ug/l #	51
64) Tetrachloroethene	9.34	164	3013	0.336	ug/l #	75
67) Ethyl Benzene	10.25	91	792161	18.867	ug/l	98
68) m/p-Xylenes	10.36	106	1223447	72.745	ug/l	99
69) o-Xylene	10.70	106	483096	29.080	ug/l	100
70) Styrene	10.70	104	24350	0.906	ug/l #	1
73) Isopropylbenzene	11.02	105	63366	1.566	ug/l	100
74) N-amyl acetate	10.69	43	35070	2.012	ug/l #	57
76) 1,2,3-Trichloropropane	11.43	75	9735	0.861	ug/l #	1
78) n-propylbenzene	11.36	91	276716	6.150	ug/l	98
79) 2-Chlorotoluene	11.43	91	158416	5.924	ug/l #	38

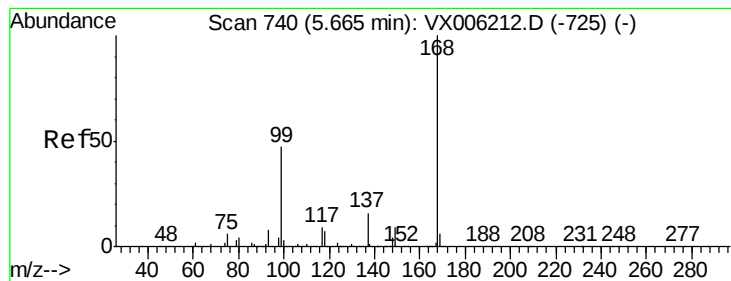
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\
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 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	439509	13.051	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	256215	53.150	ug/l #	15
82) 4-Chlorotoluene	11.51	91	44833	1.442	ug/l #	42
83) tert-Butylbenzene	11.80	119	195517	5.441	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.80	105	1603095	46.100	ug/l	99
85) sec-Butylbenzene	11.80	105	1603095	39.217	ug/l #	54
89) n-Butylbenzene	12.38	91	40773	1.298	ug/l #	1
90) Hexachloroethane	12.58	117	10854	1.447	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	737	0.222	ug/l #	1
95) Naphthalene	13.83	128	509013	11.307	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

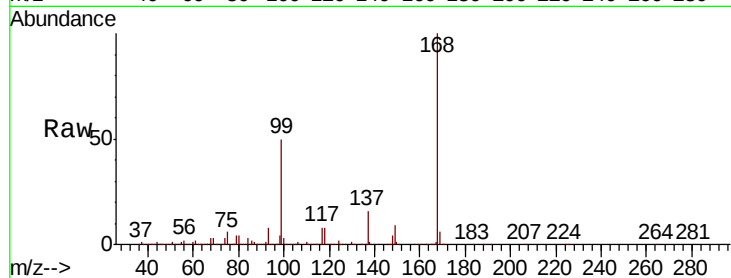
OR-03-112918-B

Tot Ion:168 Resp: 846813

Ion Ratio Lower Upper

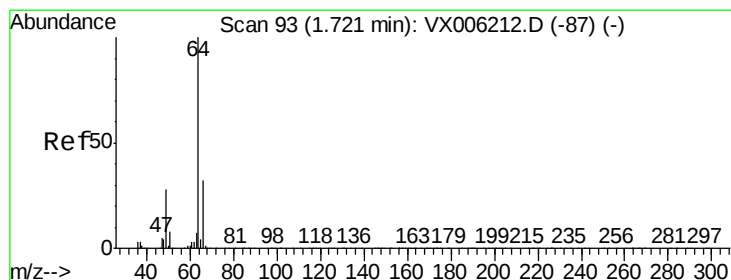
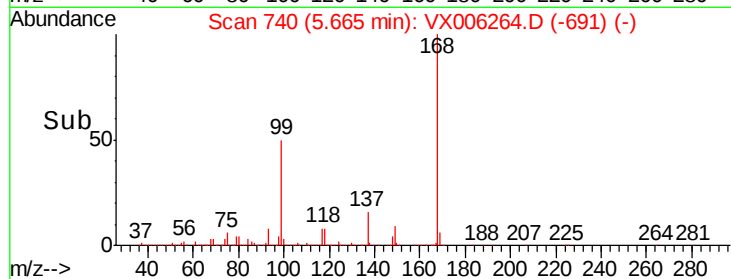
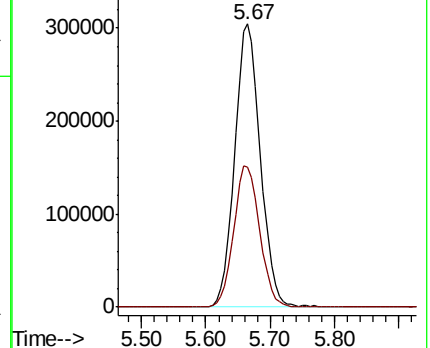
168 100

99 49.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.217 ug/l

RT: 1.57 min Scan# 68

Delta R.T. -0.15 min

Lab File: VX006264.D

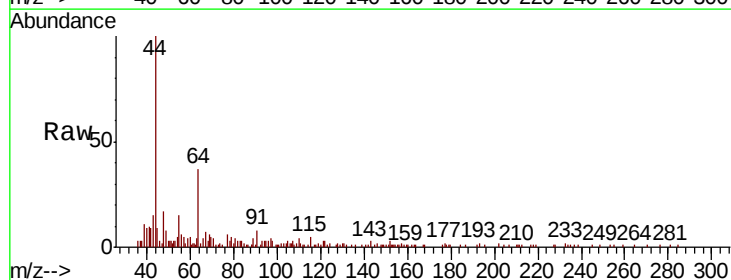
Acq: 03 Dec 2018 20:04

Tgt Ion: 64 Resp: 1219

Ion Ratio Lower Upper

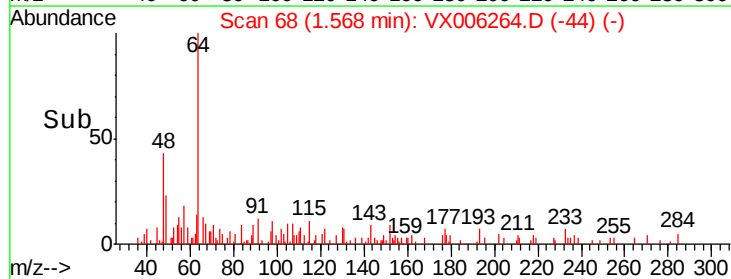
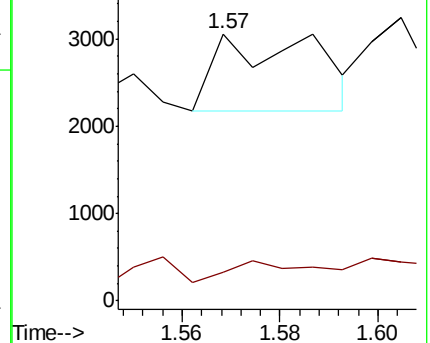
64 100

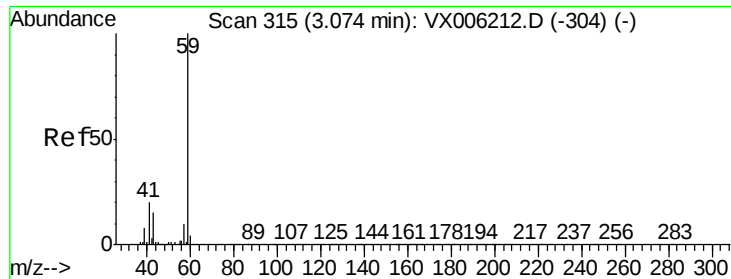
66 12.8 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



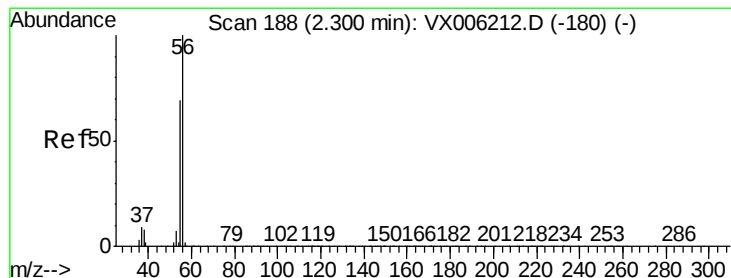
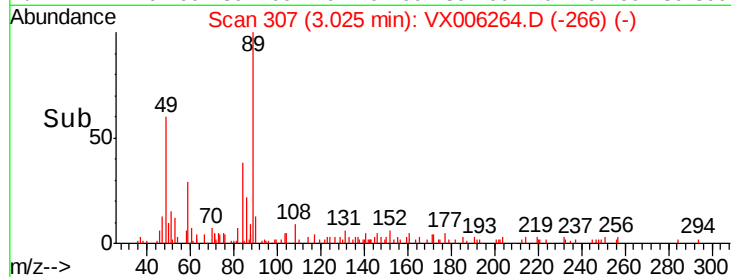
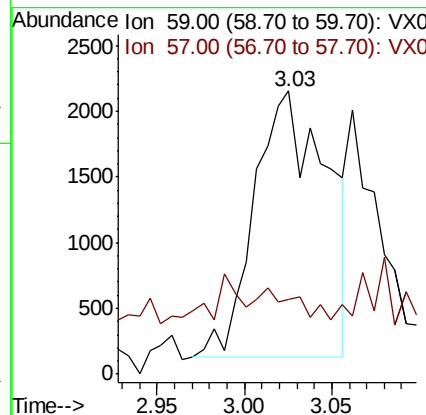
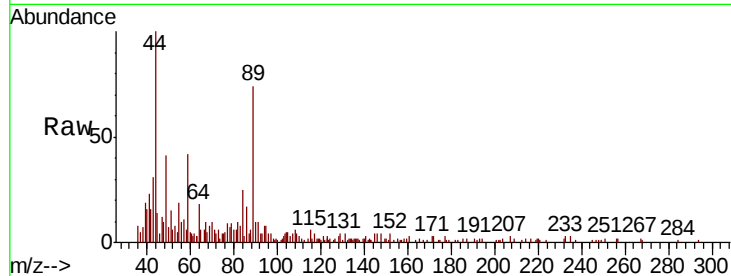


#11

Tert butyl alcohol
Concen: 2.453 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

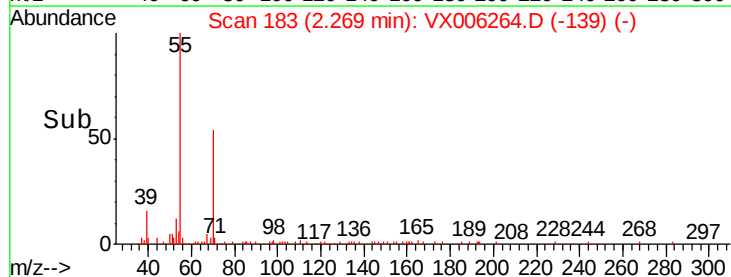
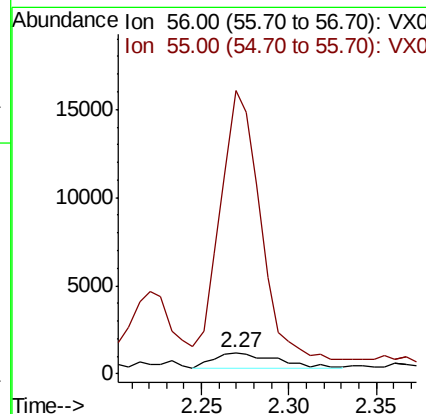
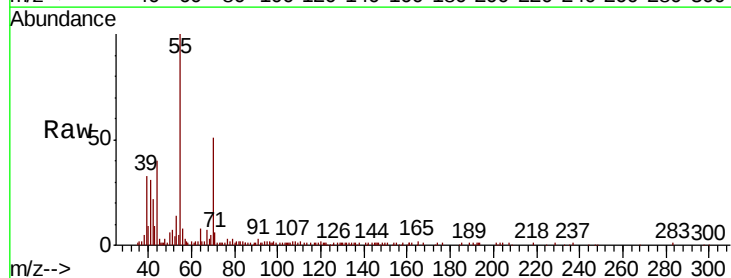
Tot Ion: 59 Resp: 5798
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

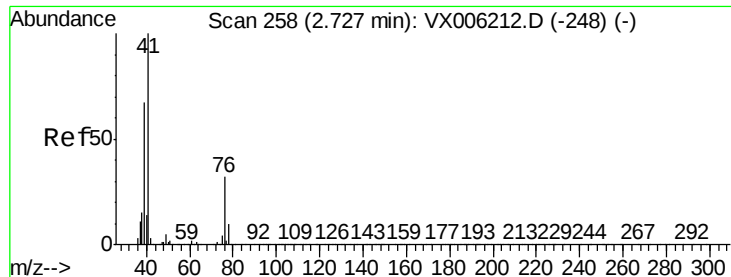


#13

Acrolein
Concen: 1.715 ug/l
RT: 2.27 min Scan# 183
Delta R.T. -0.03 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

Tgt Ion: 56 Resp: 2216
Ion Ratio Lower Upper
56 100
55 1094.3 57.8 86.6#

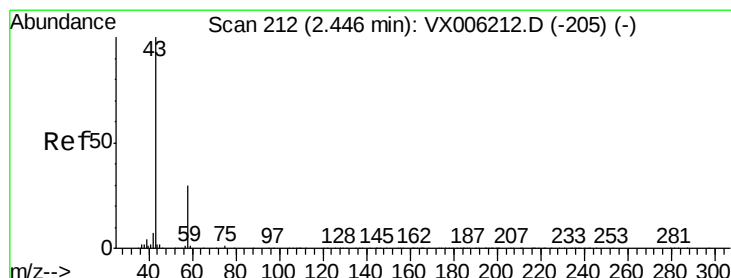
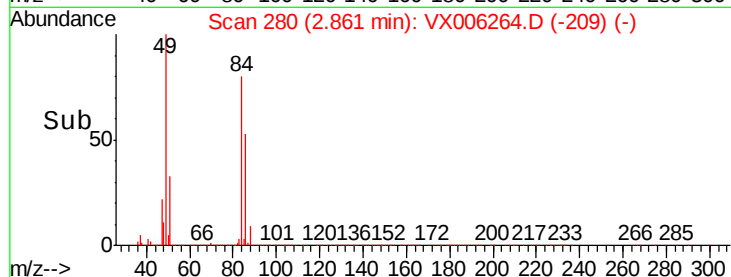
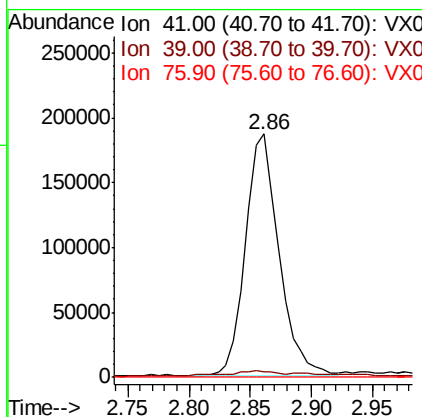
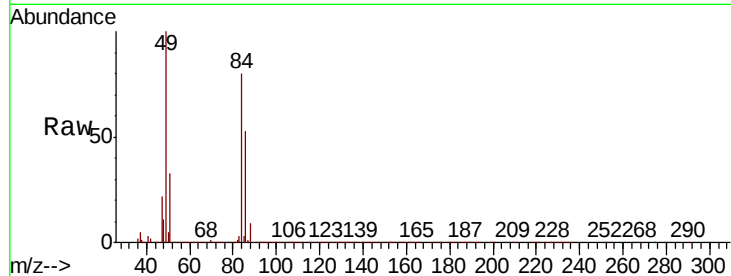




#14
Allvl chloride
Concen: 23.471 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.13 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

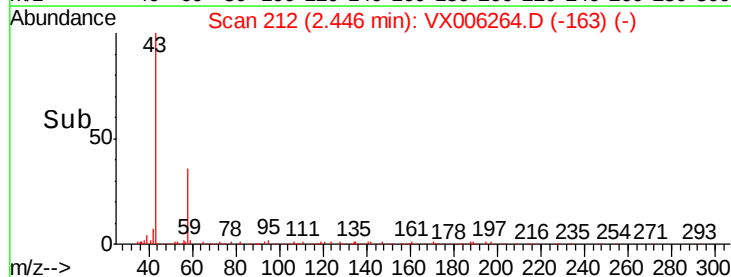
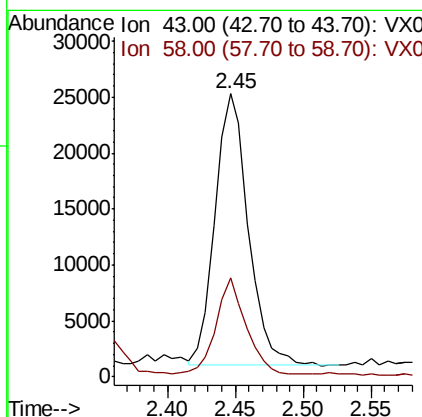
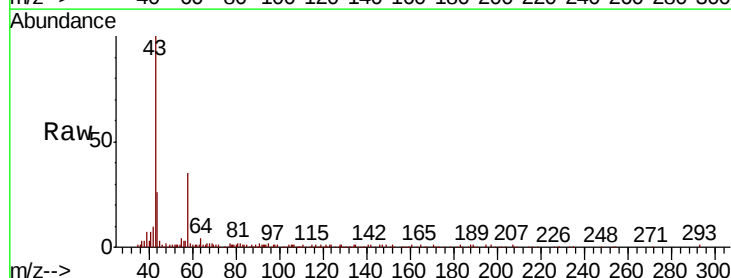
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

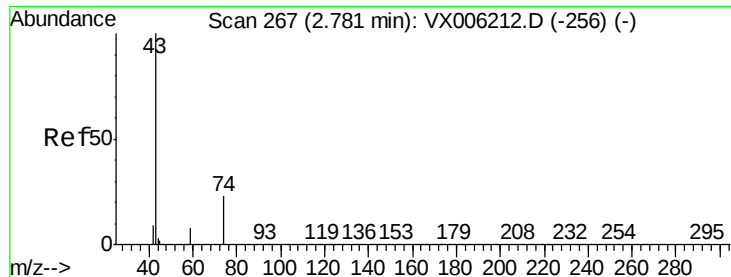
Tot Ion: 41 Resp: 355274
Ion Ratio Lower Upper
41 100
39 3.1 52.4 78.6#
76 0.0 25.4 38.0#



#16
Acetone
Concen: 10.104 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

Tgt Ion: 43 Resp: 40992
Ion Ratio Lower Upper
43 100
58 35.5 24.0 36.0

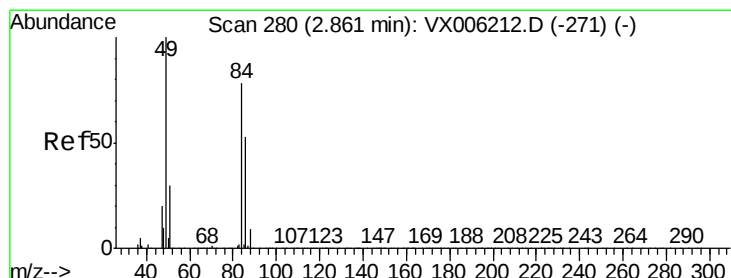
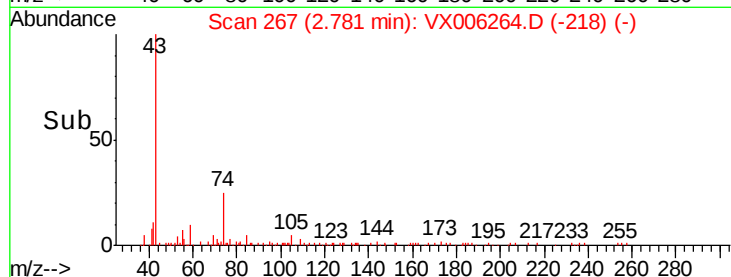
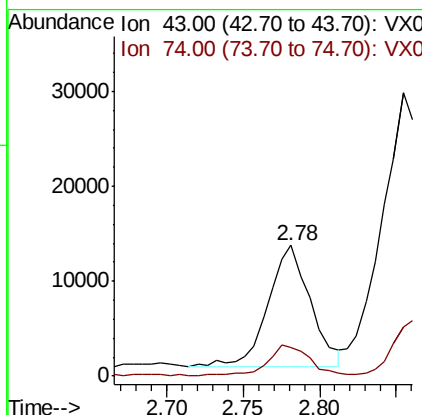
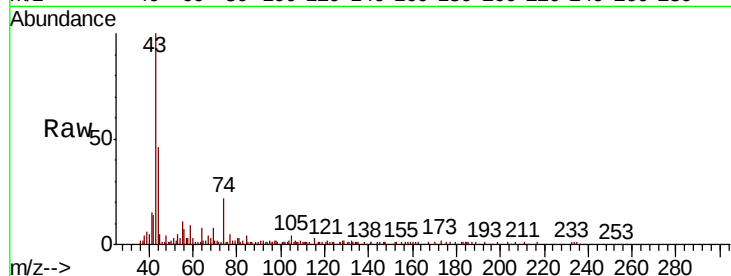




#18
Methyl Acetate
Concen: 1.807 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

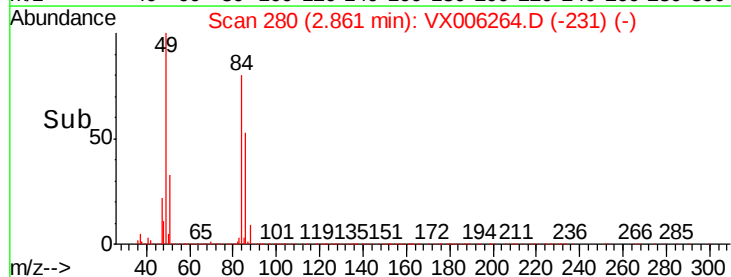
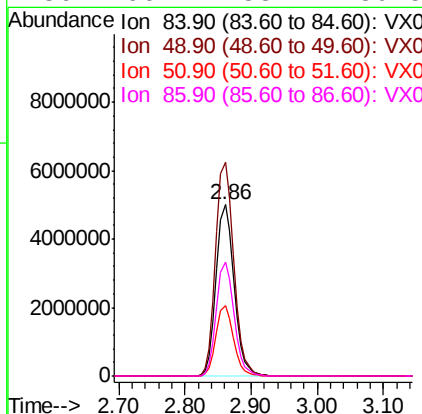
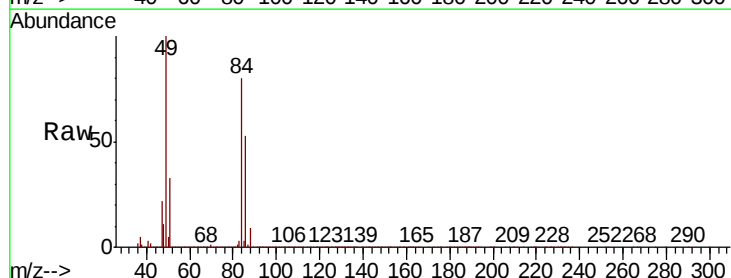
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

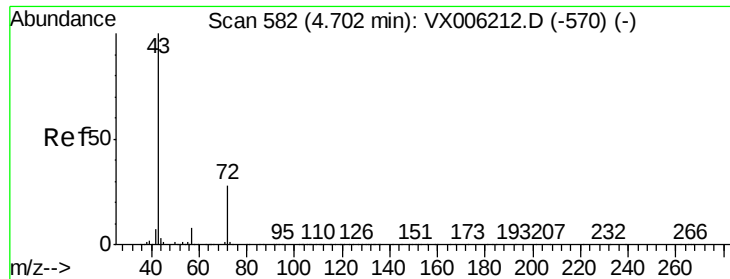
Tot Ion: 43 Resp: 24517
Ion Ratio Lower Upper
43 100
74 26.4 17.9 26.9



#20
Methylene Chloride
Concen: 1091.920 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

Tgt Ion: 84 Resp: 9427610
Ion Ratio Lower Upper
84 100
49 124.8 102.2 153.4
51 41.2 31.1 46.7
86 66.4 53.7 80.5





#25

2-Butanone

Concen: 1.145 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

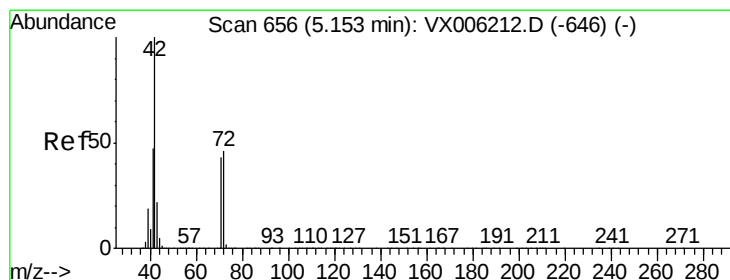
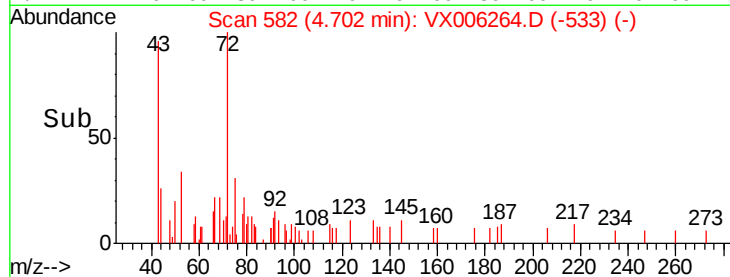
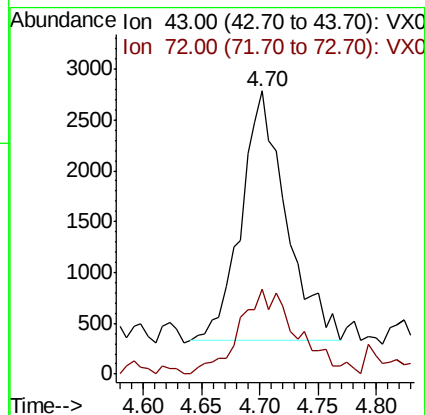
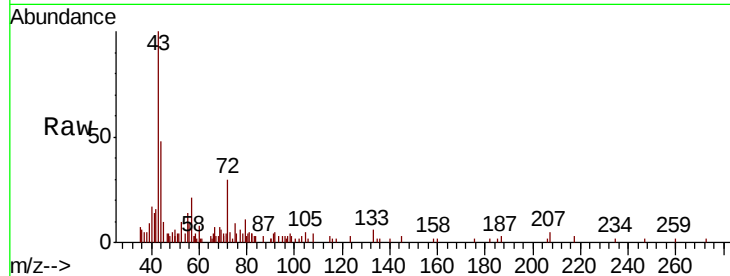
OR-03-112918-B

Tot Ion: 43 Resp: 6628

Ion Ratio Lower Upper

43 100

72 34.3 22.6 33.8#



#29

Tetrahydrofuran

Concen: 0.478 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

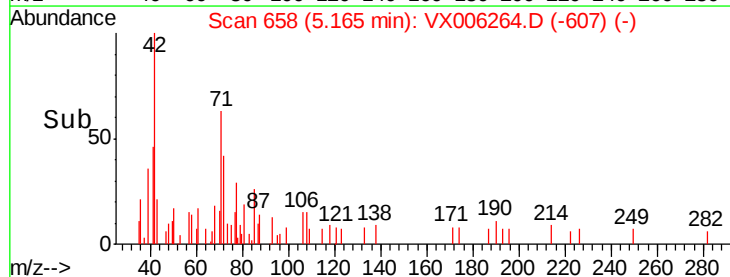
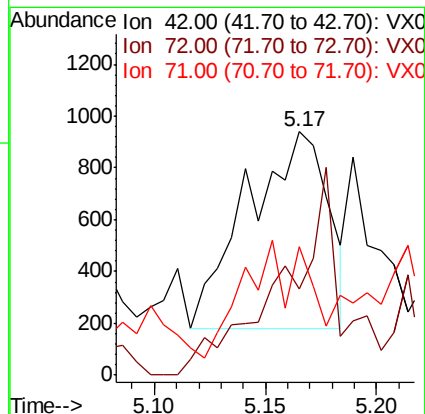
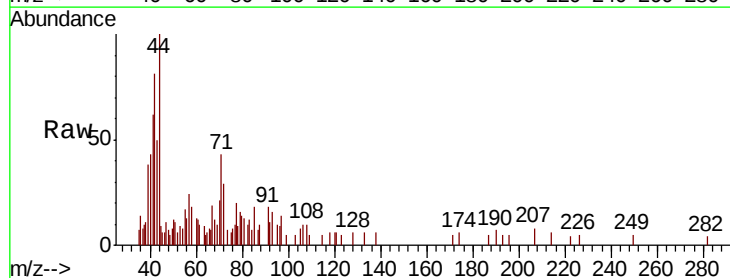
Tgt Ion: 42 Resp: 1925

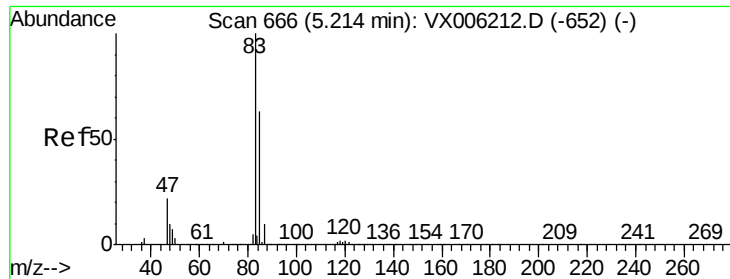
Ion Ratio Lower Upper

42 100

72 74.8 37.8 56.8#

71 0.0 35.2 52.8#

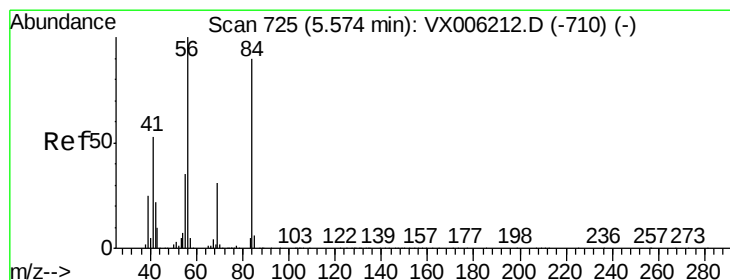
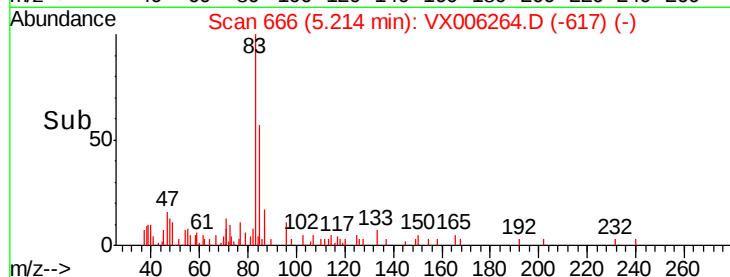
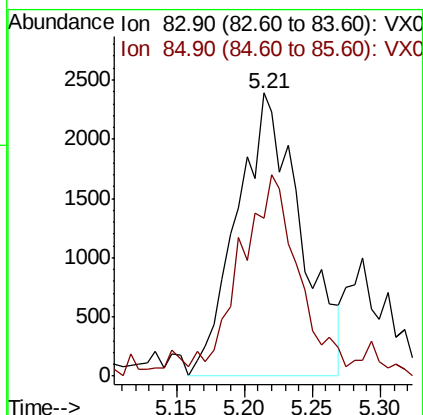
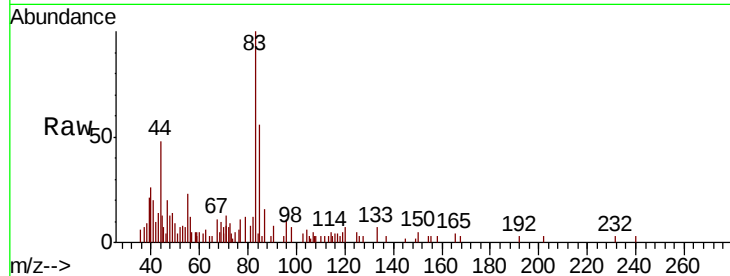




#30
Chloroform
Concen: 0.550 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

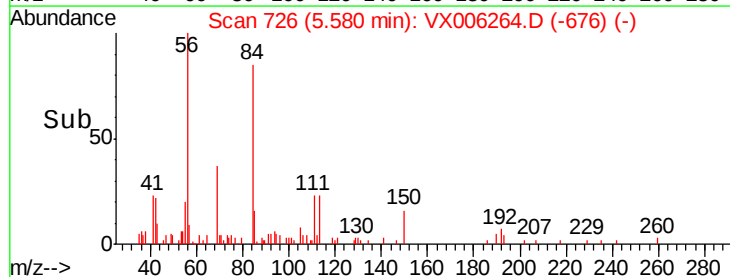
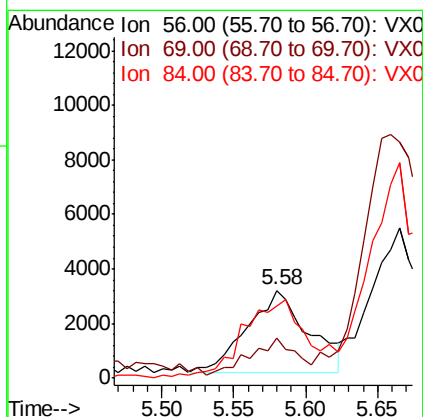
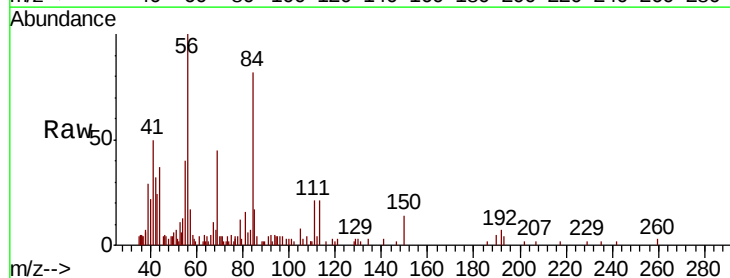
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OR-03-112918-B

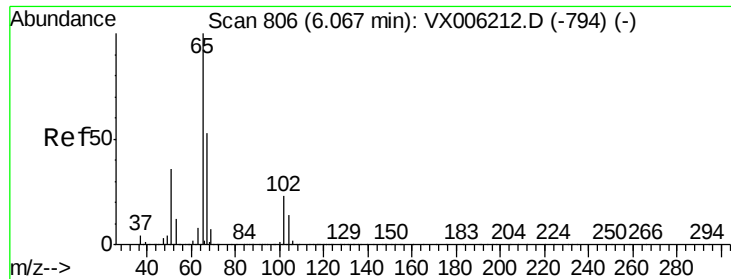
Tot Ion: 83 Resp: 7814
Ion Ratio Lower Upper
83 100
85 52.5 50.3 75.5



#31
Cyclohexane
Concen: 0.700 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

Tgt Ion: 56 Resp: 8747
Ion Ratio Lower Upper
56 100
69 39.7 24.5 36.7#
84 84.0 71.8 107.6





#33

1,2-Dichloroethane-d4

Concen: 49.409 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

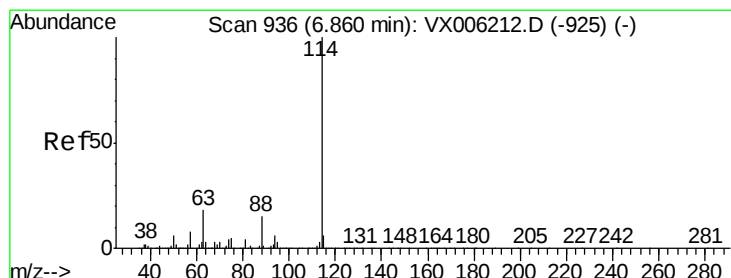
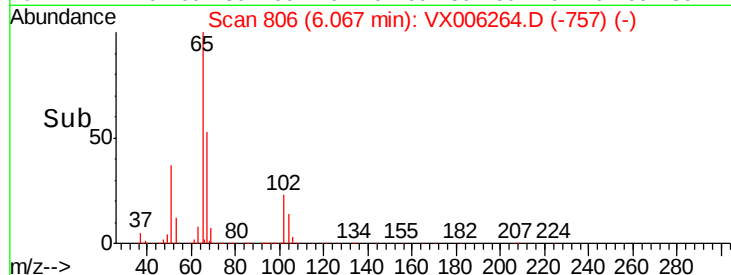
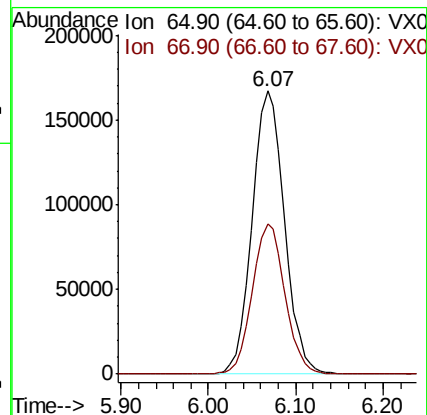
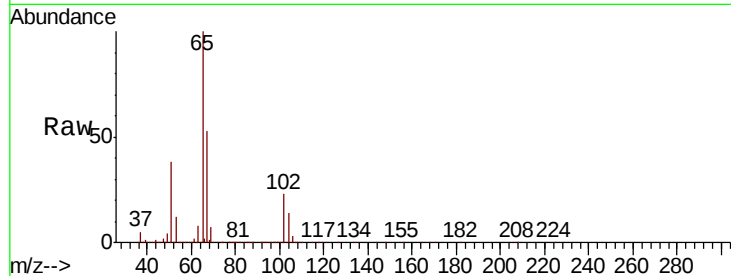
OR-03-112918-B

Tot Ion: 65 Resp: 427118

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

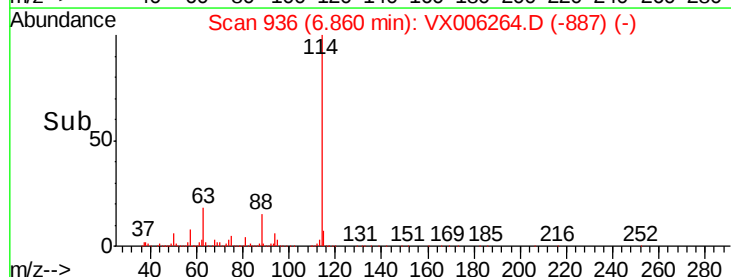
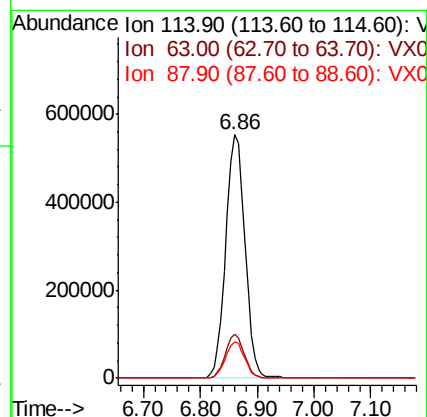
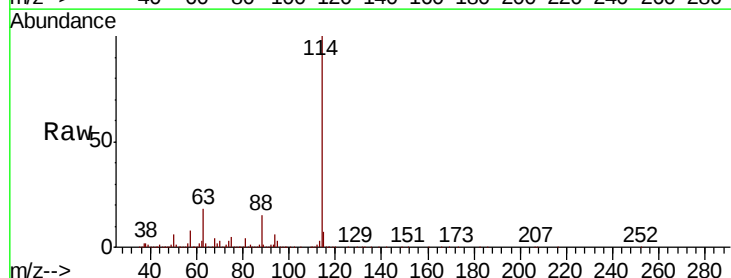
Tgt Ion: 114 Resp: 1303964

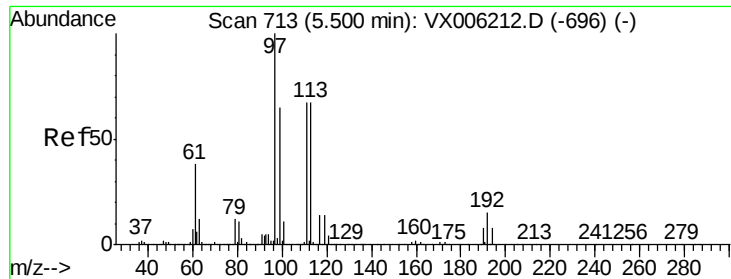
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.817 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

OR-03-112918-B

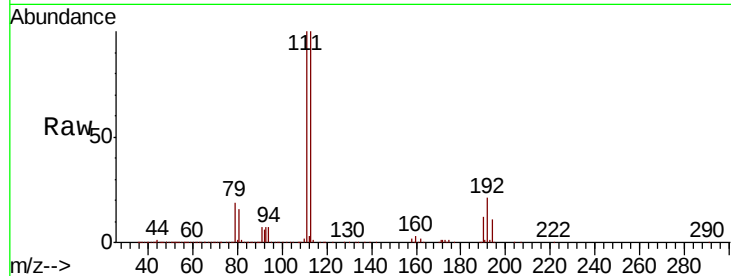
Tot Ion:113 Resp: 412145

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

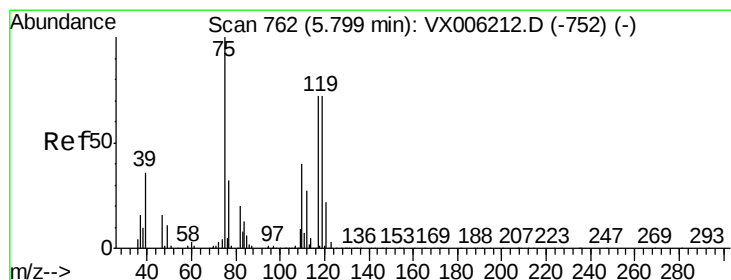
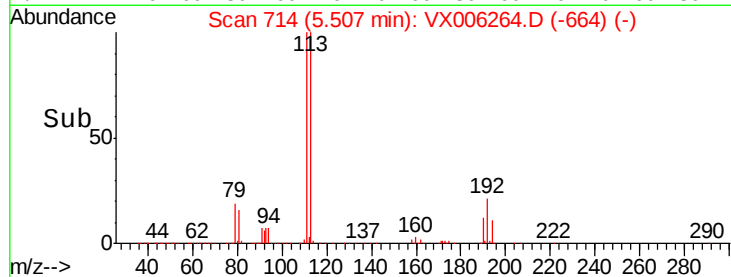
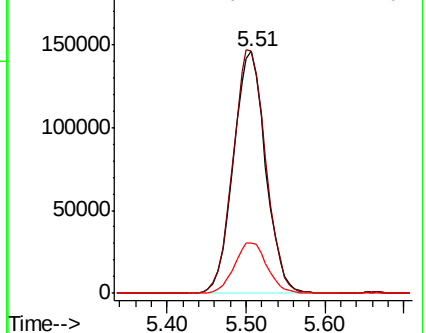
192 21.4 18.2 27.2



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: 4.813 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

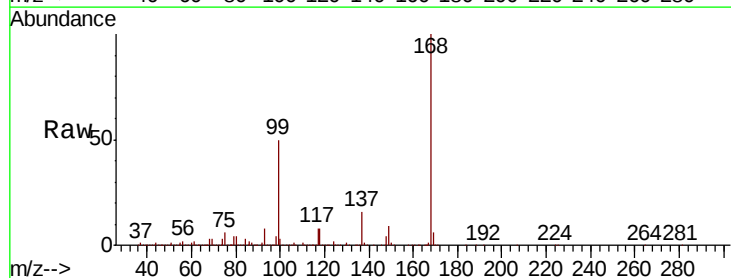
Tgt Ion: 75 Resp: 52845

Ion Ratio Lower Upper

75 100

110 11.3 20.4 61.3#

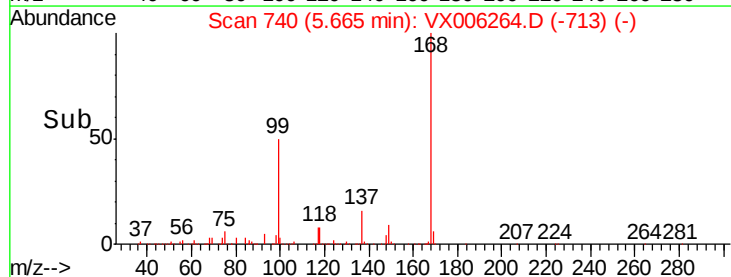
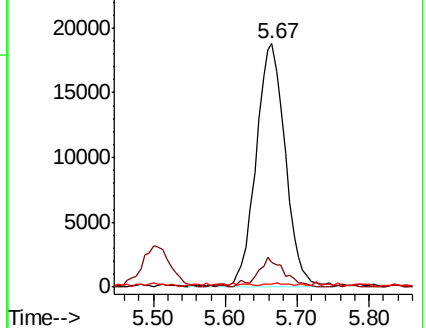
77 0.4 24.9 37.3#

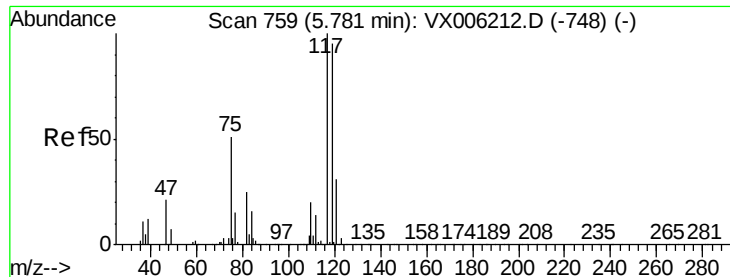


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.877 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

Instrument :

MSVOA_X

ClientSampled :

OR-03-112918-B

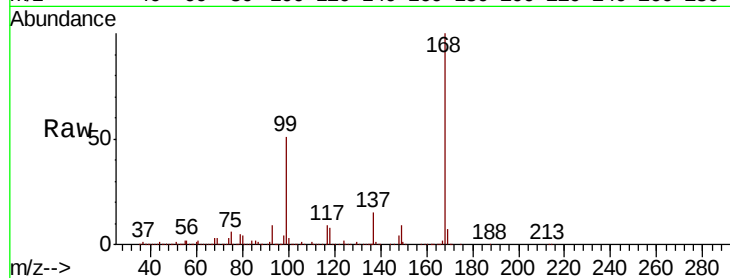
Tot Ion:117 Resp: 75913

Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.8#

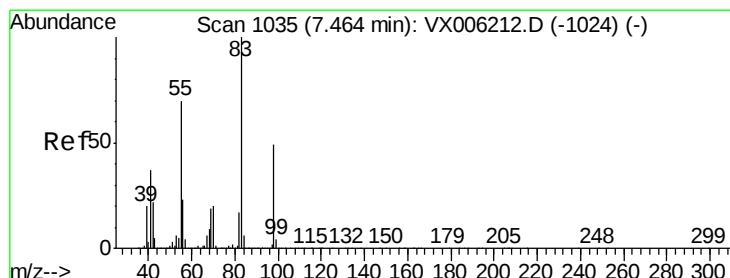
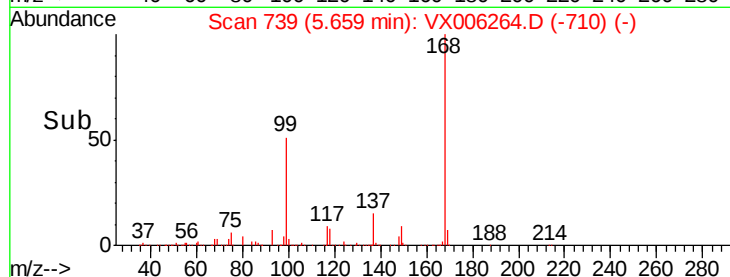
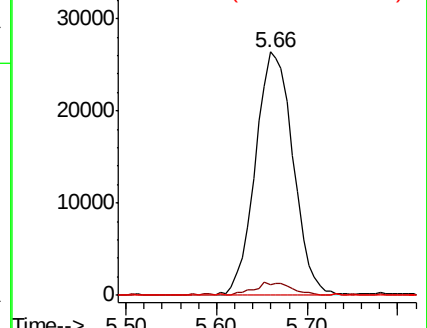
121 0.0 24.6 37.0#



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



#39

Methylcyclohexane

Concen: 0.840 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

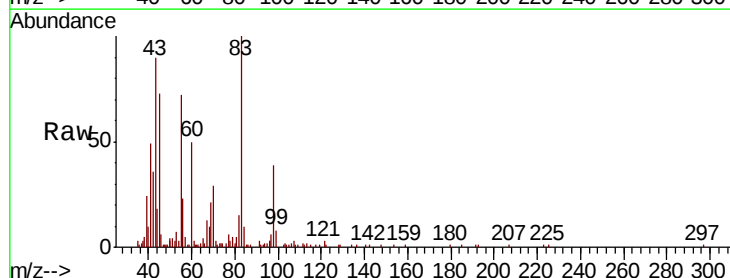
Tgt Ion: 83 Resp: 11978

Ion Ratio Lower Upper

83 100

55 68.5 56.4 84.6

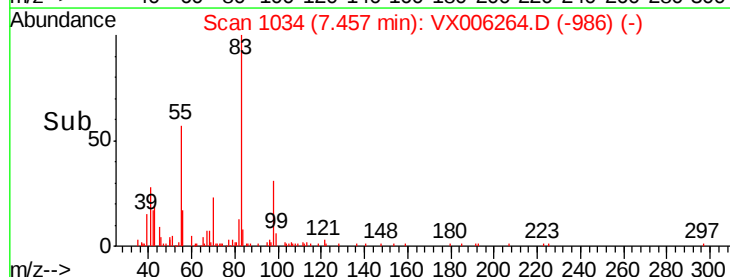
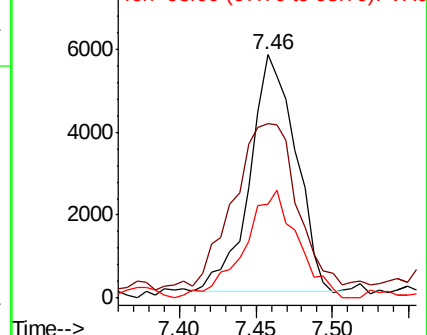
98 39.8 39.0 58.6

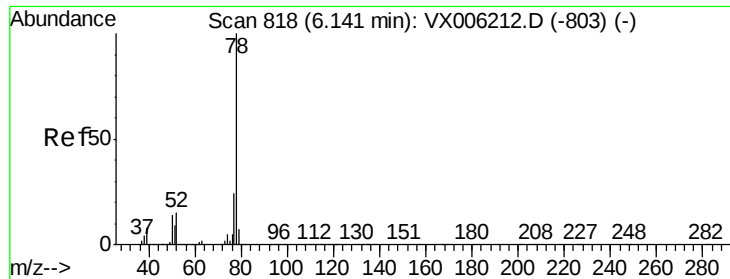


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.461 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

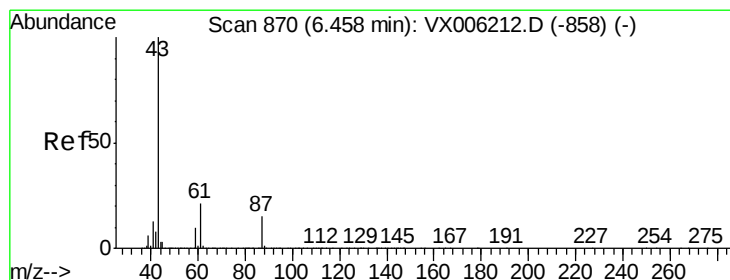
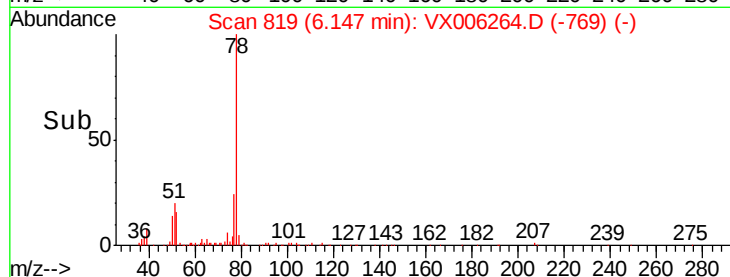
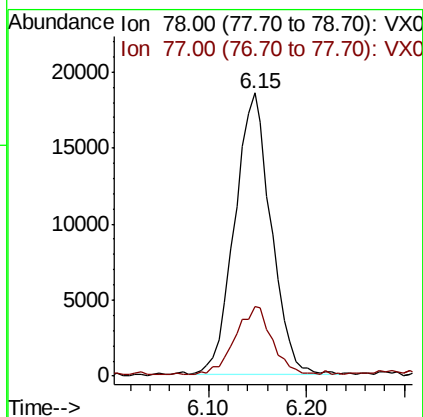
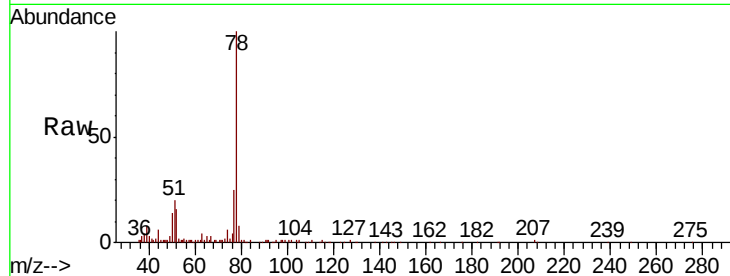
OR-03-112918-B

Tot Ion: 78 Resp: 48042

Ion Ratio Lower Upper

78 100

77 24.0 19.2 28.8



#43

Isopropyl Acetate

Concen: 2.320 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

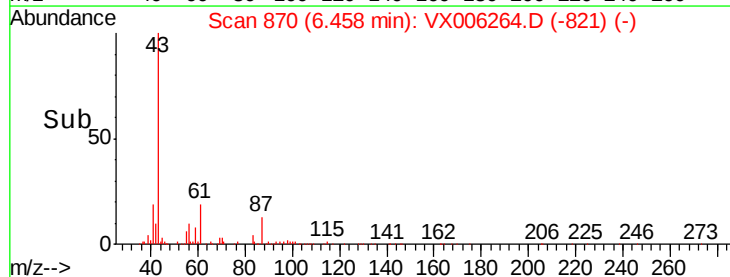
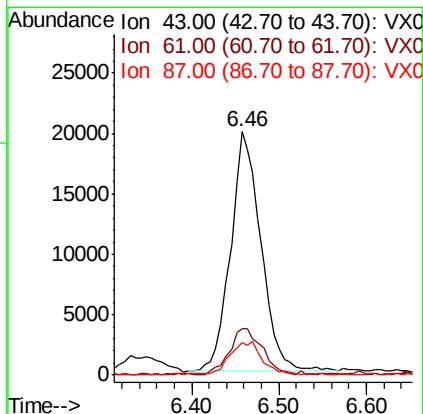
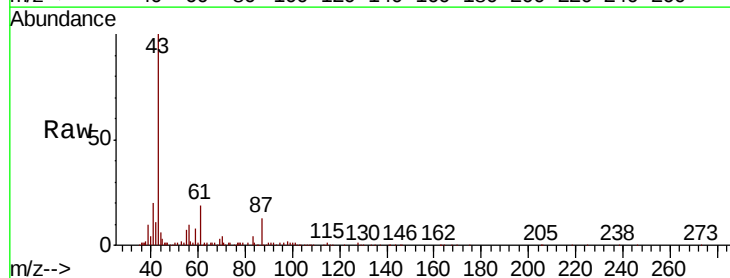
Tgt Ion: 43 Resp: 47562

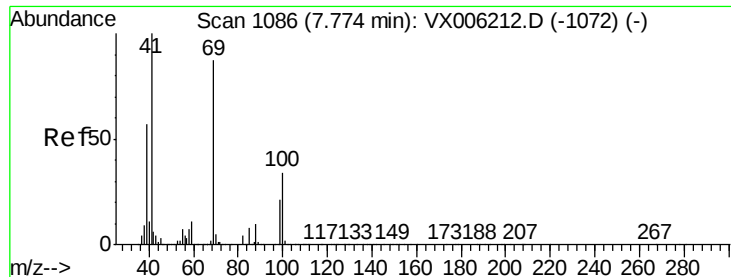
Ion Ratio Lower Upper

43 100

61 21.2 16.8 25.2

87 15.4 11.9 17.9

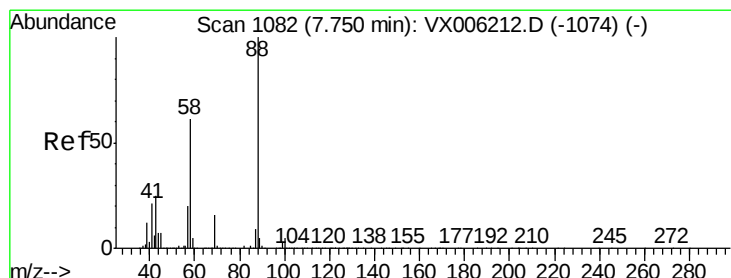
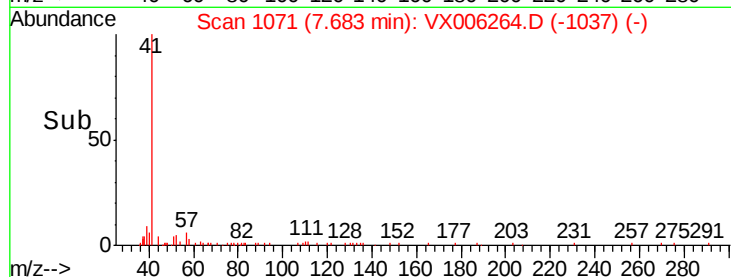
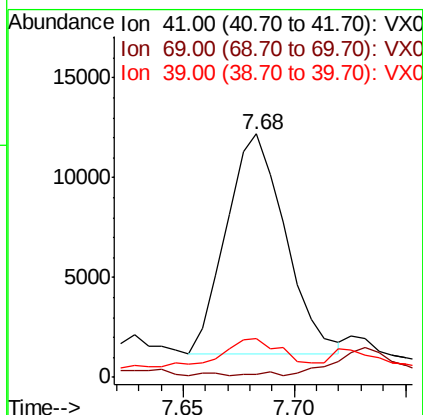
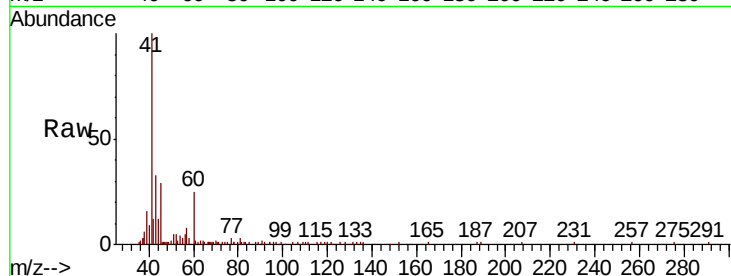




#48
Methyl methacrylate
Concen: 2.026 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

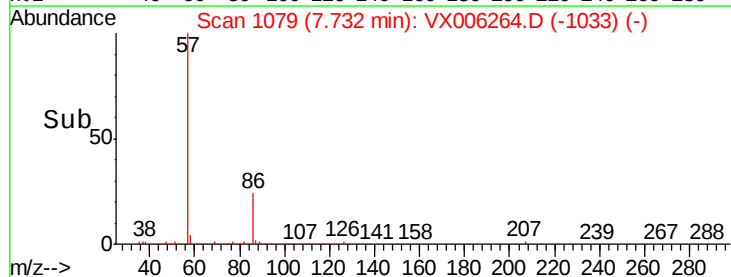
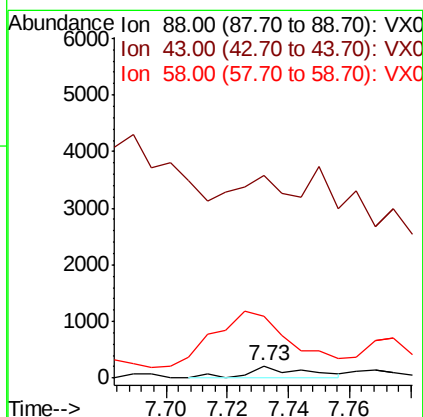
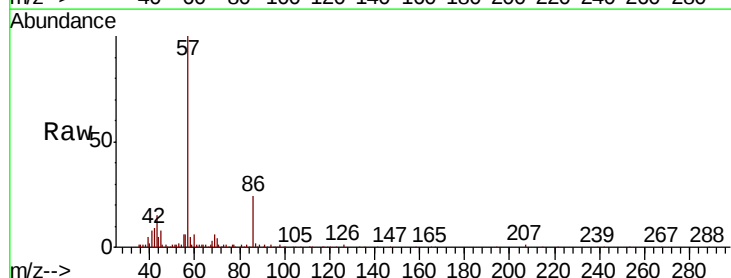
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

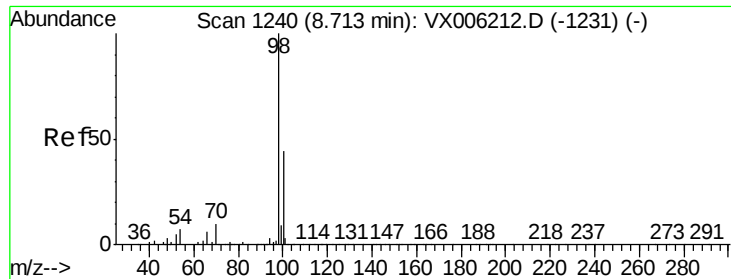
Tot Ion: 41 Resp: 20206
Ion Ratio Lower Upper
41 100
69 0.0 70.3 105.5#
39 0.0 45.3 67.9#



#49
1,4-Dioxane
Concen: 1.070 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.02 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

Tgt Ion: 88 Resp: 263
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 781.7 51.4 77.0#

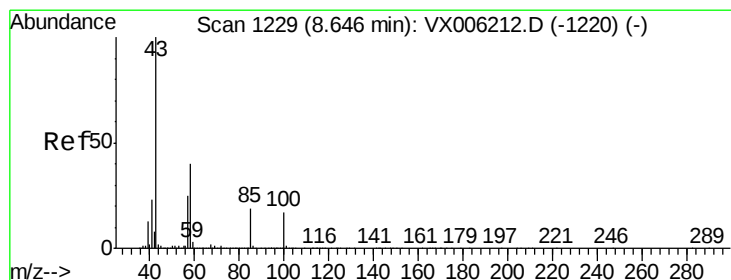
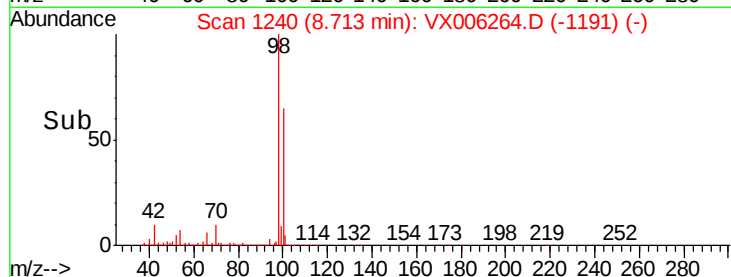
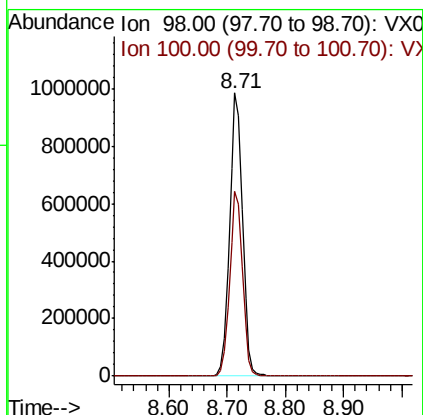
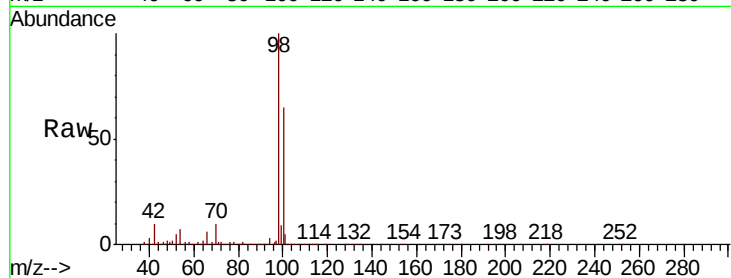




#50
Toluene-d8
Concen: 49.609 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

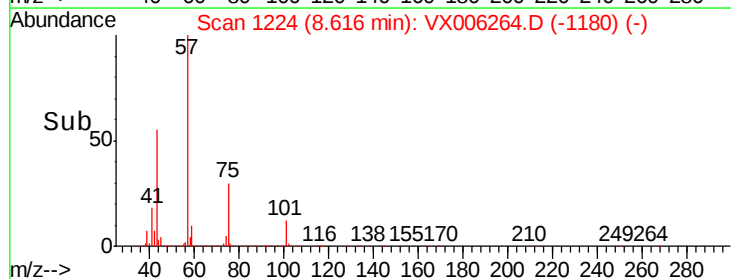
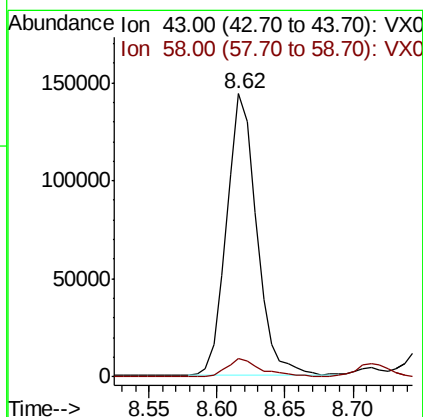
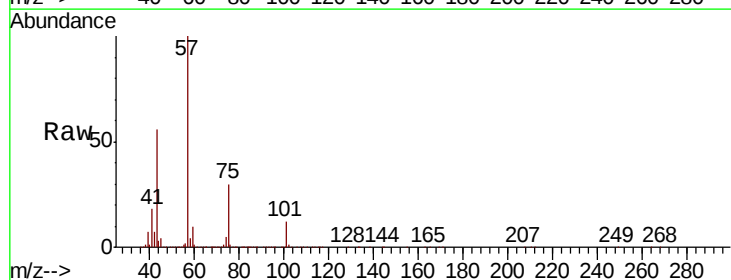
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

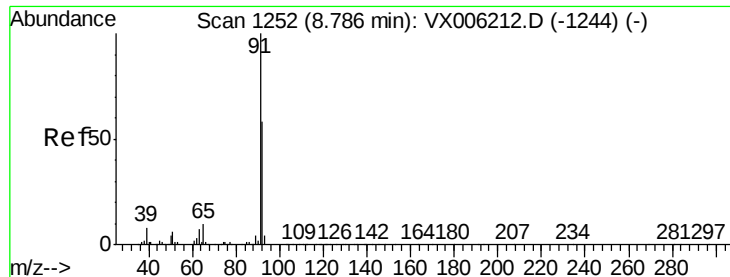
Tot Ion: 98 Resp: 1523465
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 18.537 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

Tgt Ion: 43 Resp: 221248
Ion Ratio Lower Upper
43 100
58 8.0 31.3 46.9#





#52

Toluene

Concen: 57.354 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

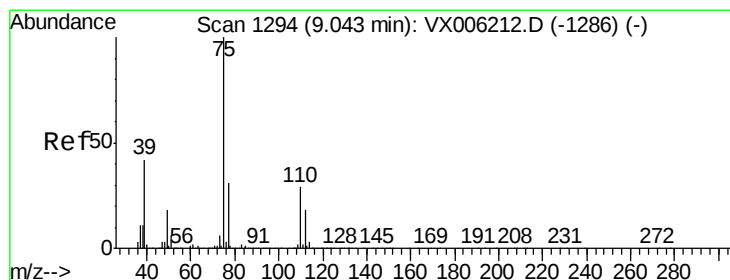
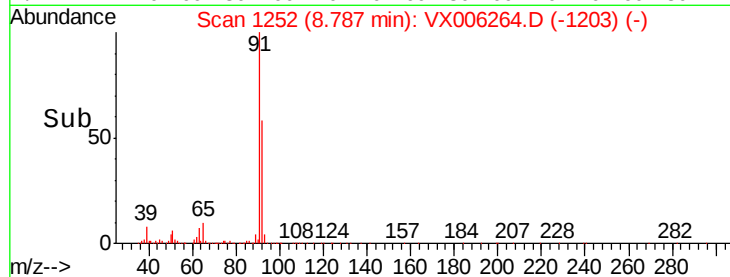
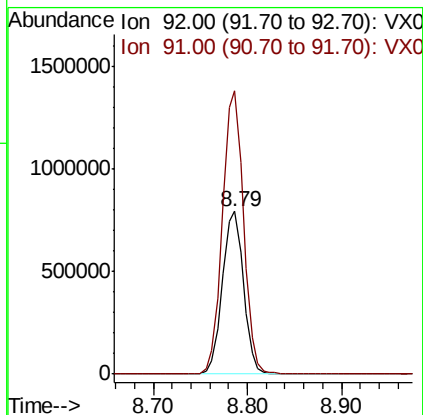
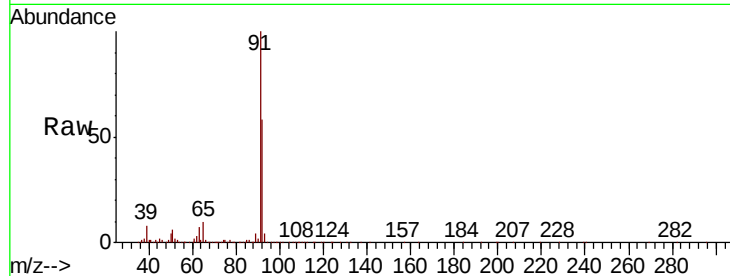
OR-03-112918-B

Tot Ion: 92 Resp: 1240970

Ion Ratio Lower Upper

92 100

91 172.9 139.2 208.8



#53

t-1,3-Dichloropropene

Concen: 0.949 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.26 min

Lab File: VX006264.D

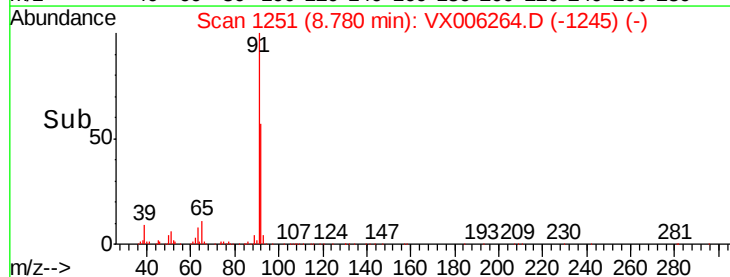
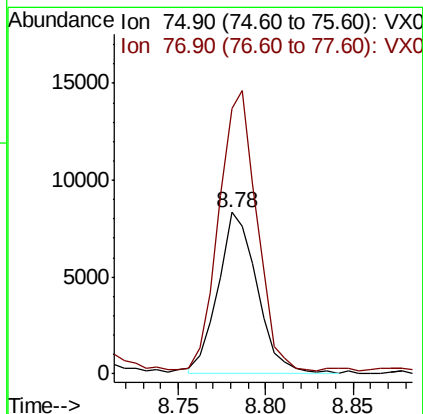
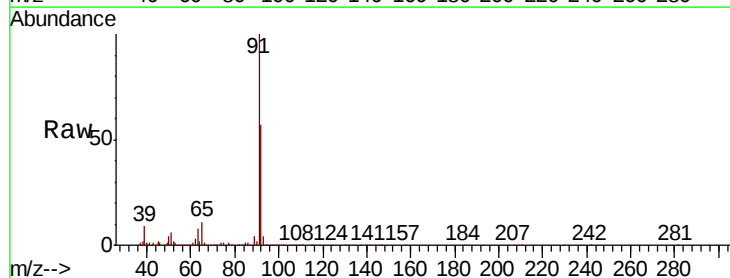
Acq: 03 Dec 2018 20:04

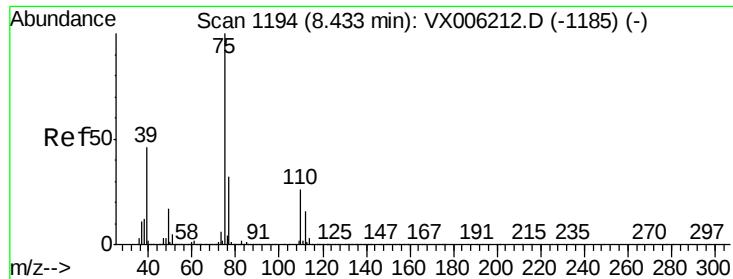
Tgt Ion: 75 Resp: 12981

Ion Ratio Lower Upper

75 100

77 162.6 25.0 37.4#





#54

cis-1,3-Dichloropropene

Concen: 8.446 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.19 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

OR-03-112918-B

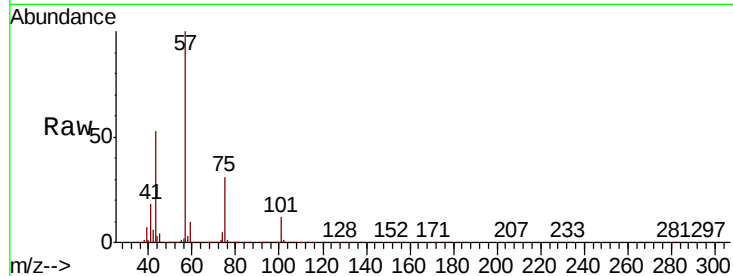
Tot Ion: 75 Resp: 119912

Ion Ratio Lower Upper

75 100

77 0.5 25.6 38.4#

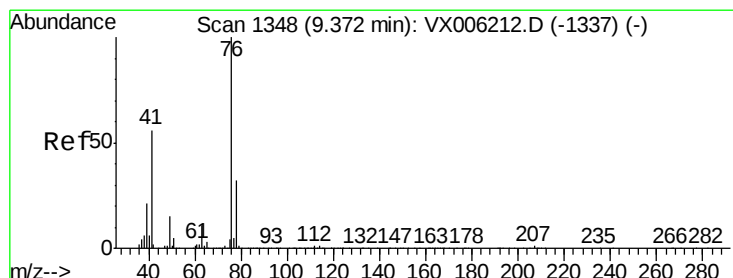
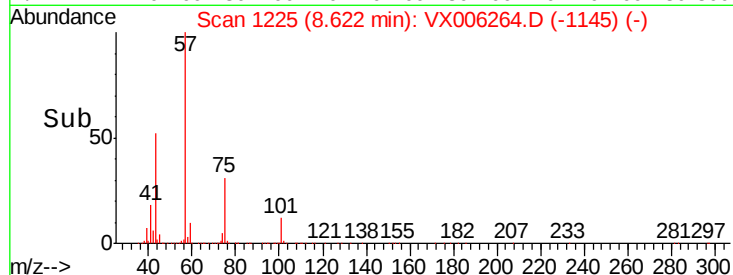
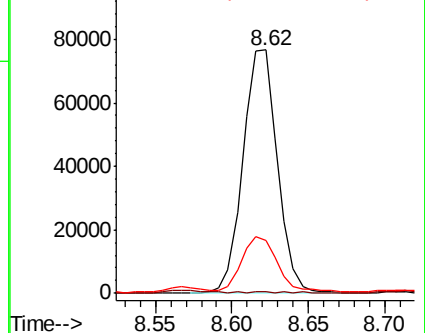
39 21.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropene

Concen: 1.773 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006264.D

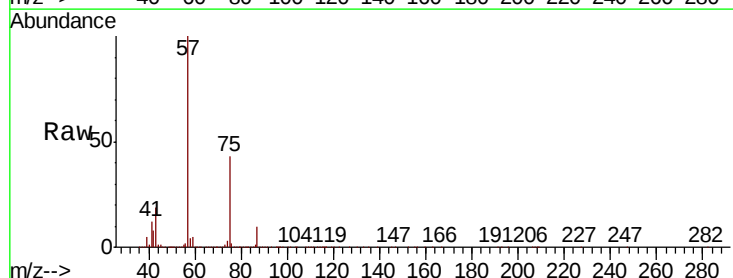
Acq: 03 Dec 2018 20:04

Tgt Ion: 76 Resp: 24638

Ion Ratio Lower Upper

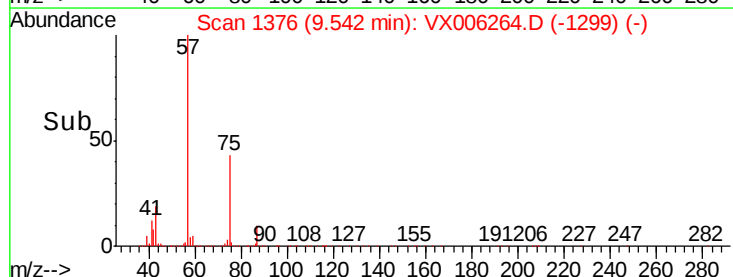
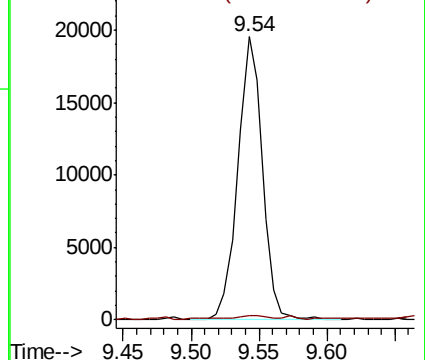
76 100

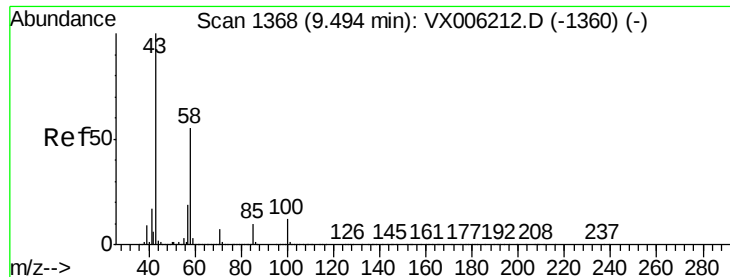
78 2.1 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

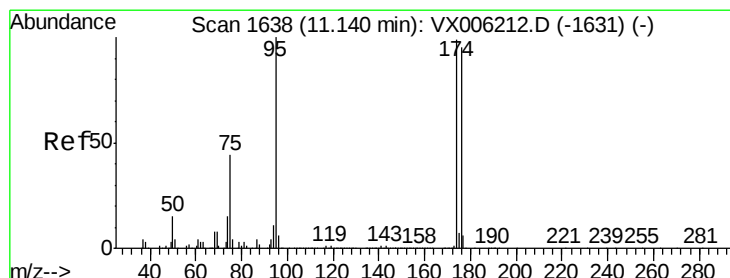
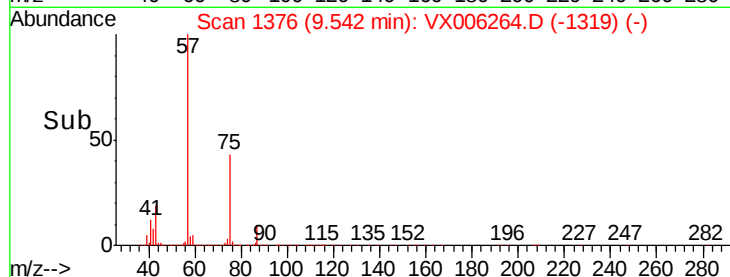
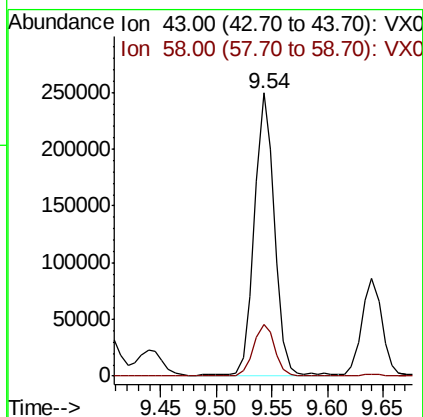
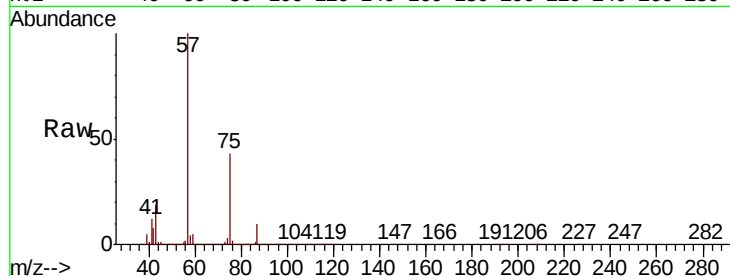




#59
2-Hexanone
Concen: 34.284 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

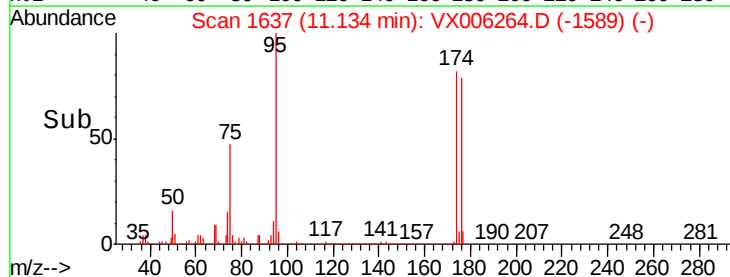
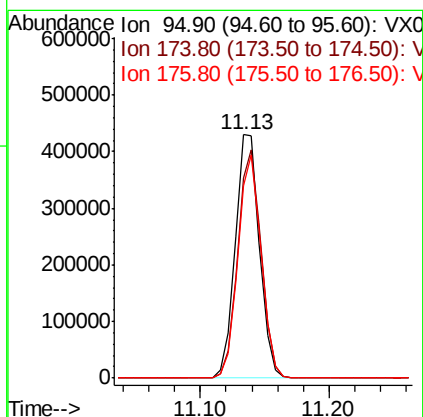
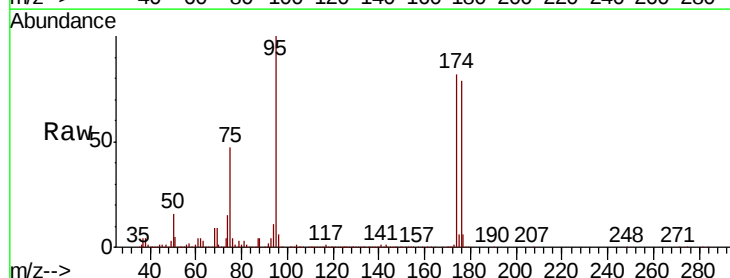
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

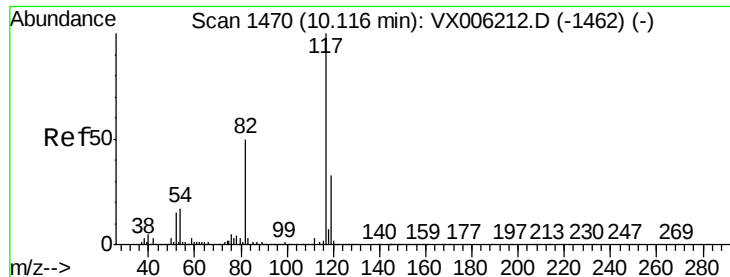
Tot Ion: 43 Resp: 312629
Ion Ratio Lower Upper
43 100
58 19.8 27.7 83.1#



#62
4-Bromofluorobenzene
Concen: 48.761 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

Tgt Ion: 95 Resp: 564268
Ion Ratio Lower Upper
95 100
174 90.0 0.0 187.0
176 87.5 0.0 181.8

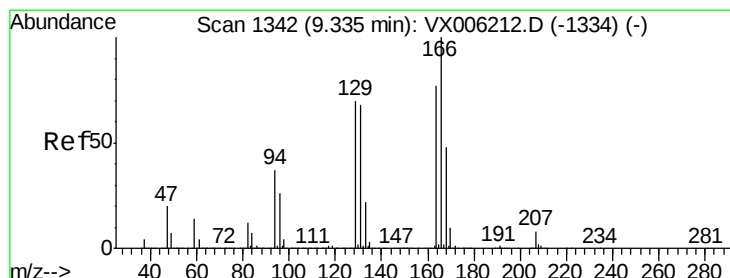
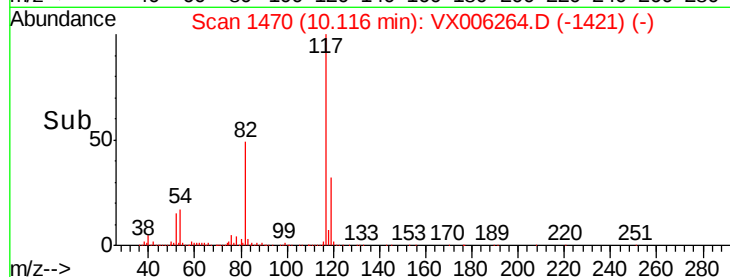
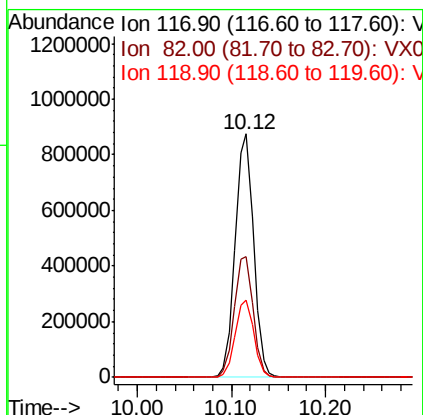
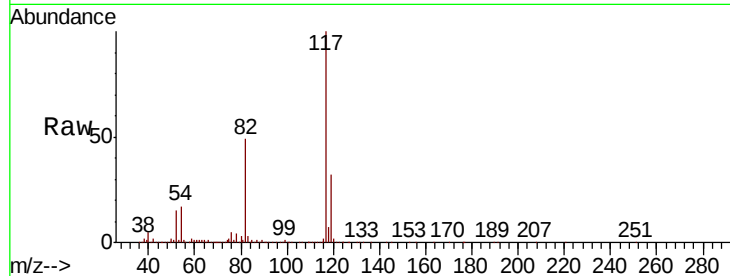




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

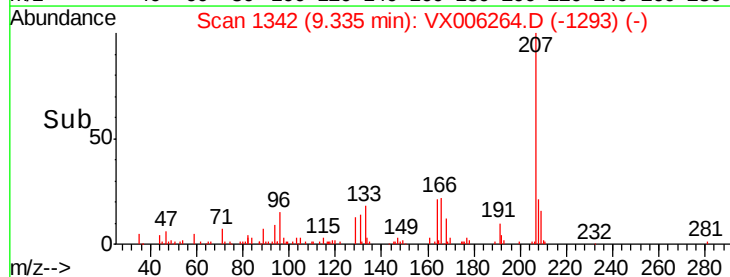
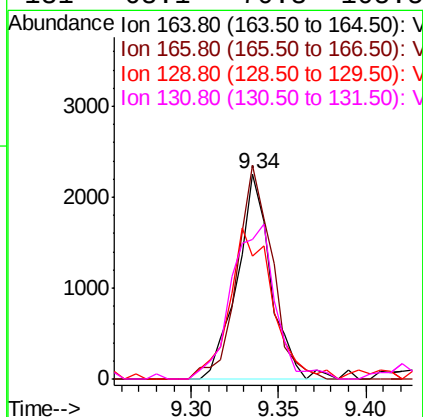
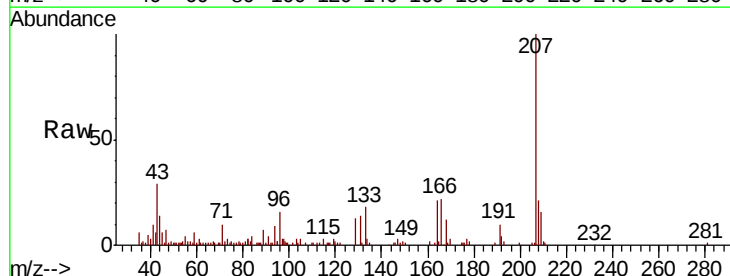
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

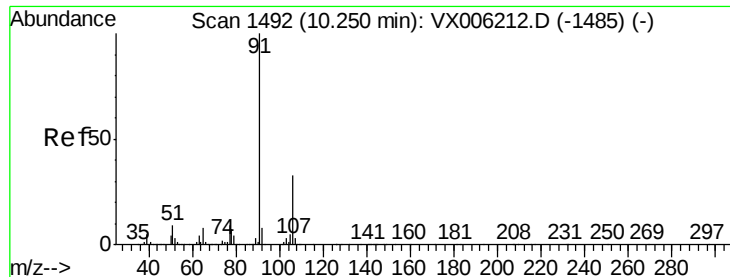
Tot Ion:117 Resp: 1189201
Ion Ratio Lower Upper
117 100
82 49.4 39.6 59.4
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 0.336 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

Tgt Ion:164 Resp: 3013
Ion Ratio Lower Upper
164 100
166 104.3 104.2 156.2
129 60.2 72.6 108.8#
131 68.1 70.3 105.5#

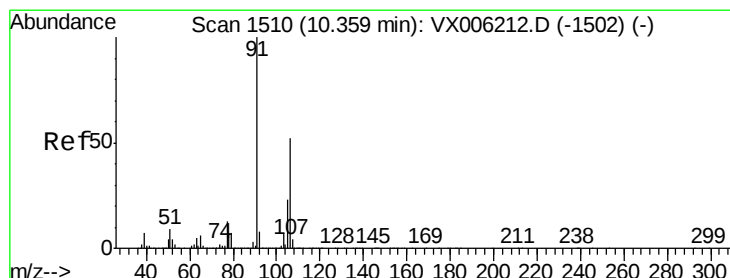
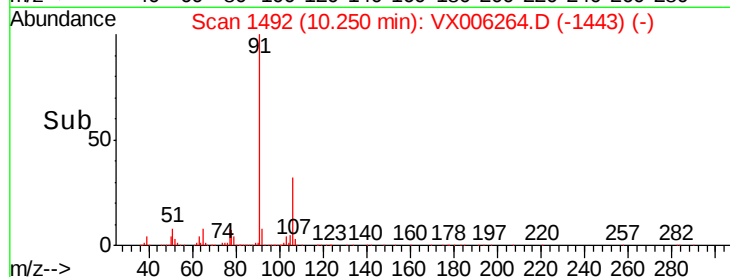
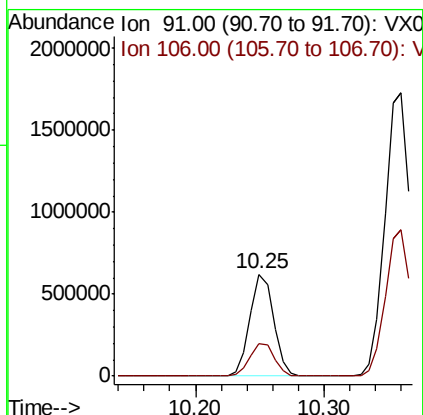
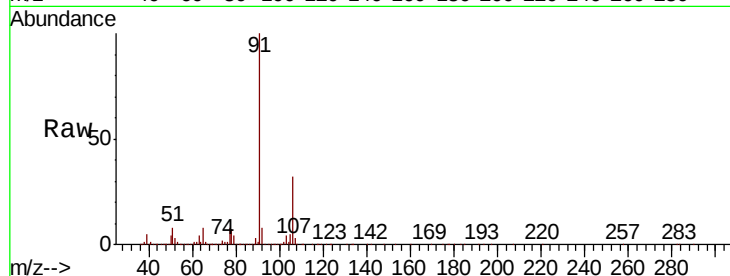




#67
Ethyl Benzene
Concen: 18.867 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

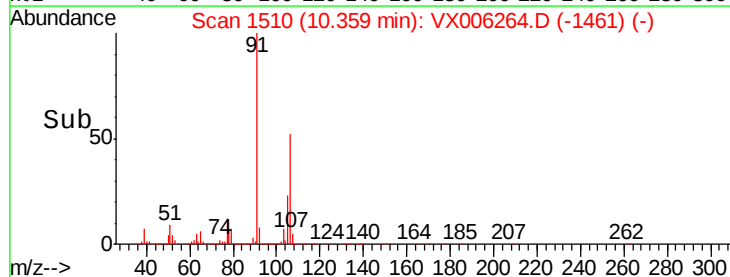
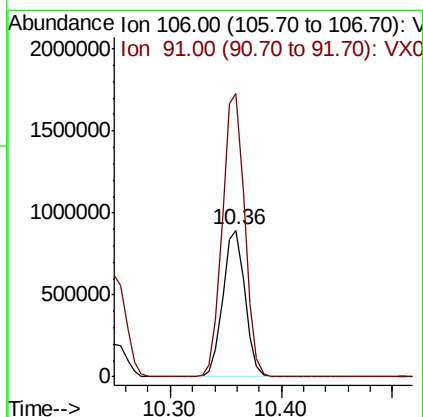
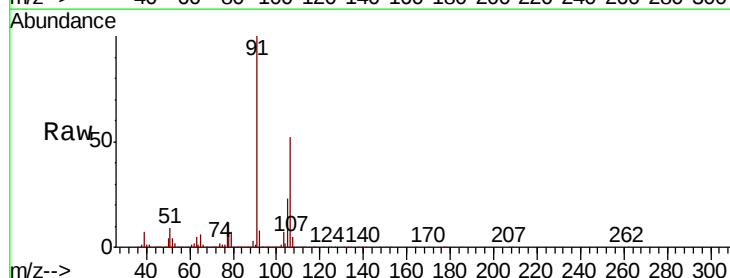
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

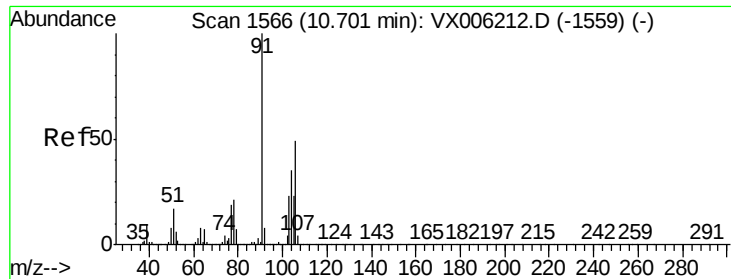
Tot Ion: 91 Resp: 792161
Ion Ratio Lower Upper
91 100
106 31.9 26.5 39.7



#68
m/p-Xylenes
Concen: 72.745 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

Tgt Ion: 106 Resp: 1223447
Ion Ratio Lower Upper
106 100
91 195.4 155.2 232.8





#69

o-Xylene

Concen: 29.080 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

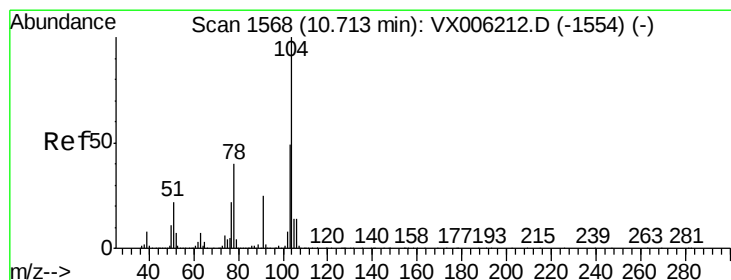
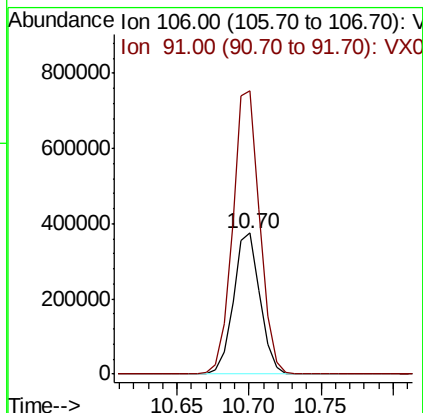
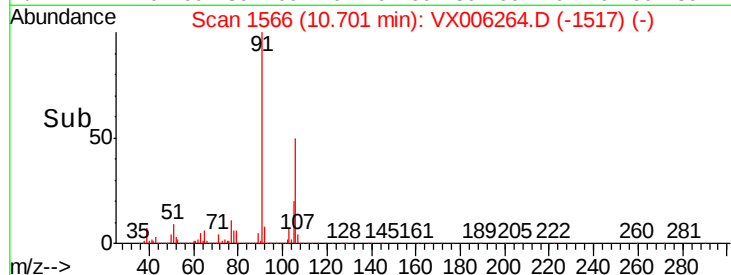
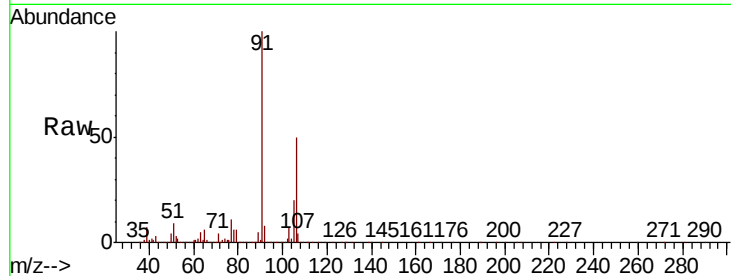
OR-03-112918-B

Tot Ion:106 Resp: 483096

Ion Ratio Lower Upper

106 100

91 204.4 101.8 305.6



#70

Styrene

Concen: 0.906 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

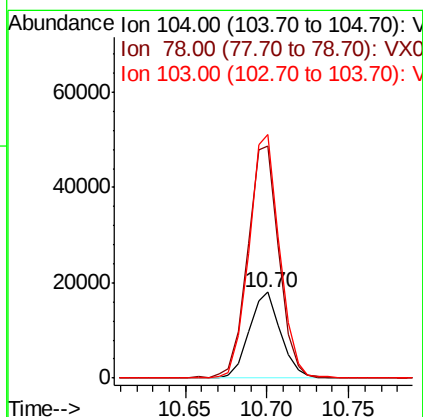
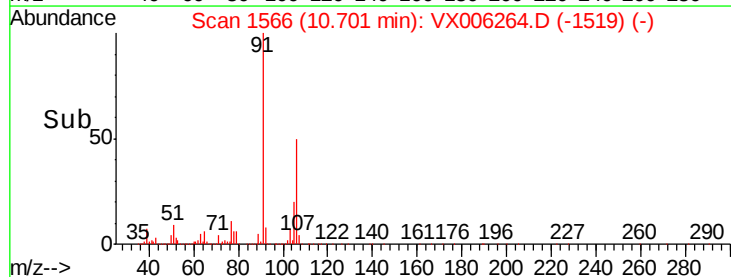
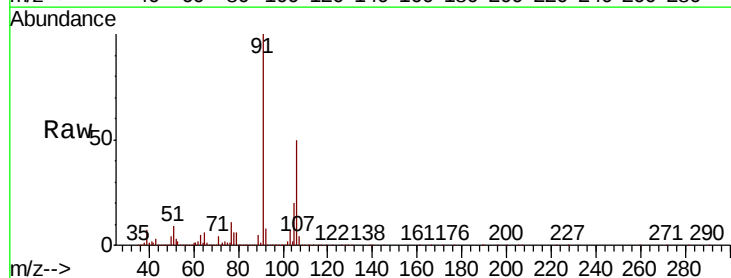
Tgt Ion:104 Resp: 24350

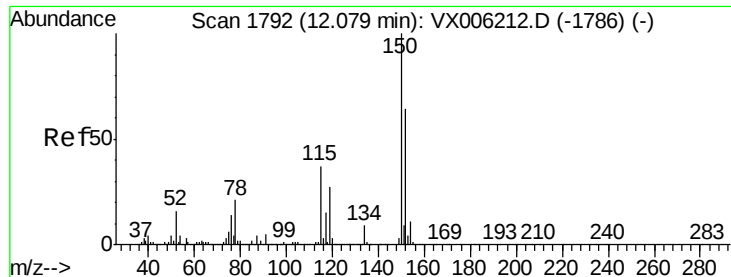
Ion Ratio Lower Upper

104 100

78 269.0 37.2 55.8#

103 272.5 43.5 65.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

OR-03-112918-B

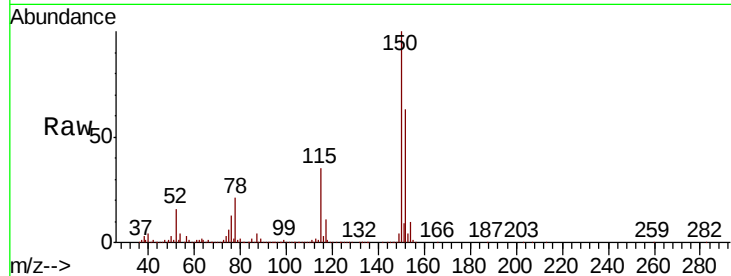
Tot Ion:152 Resp: 586098

Ion Ratio Lower Upper

152 100

115 55.5 39.0 116.9

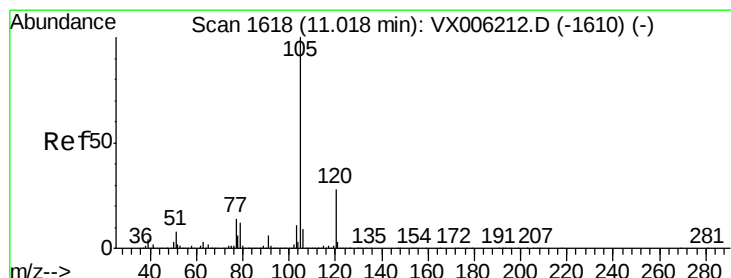
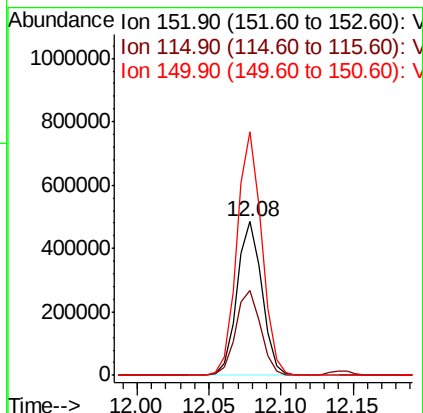
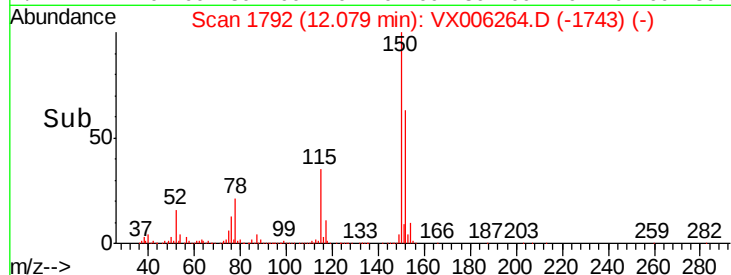
150 157.3 0.0 345.8



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: 1.566 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006264.D

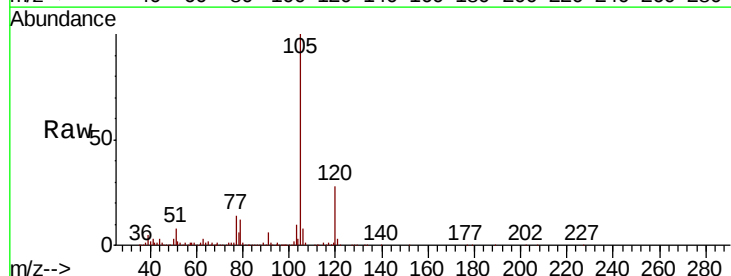
Acq: 03 Dec 2018 20:04

Tgt Ion:105 Resp: 63366

Ion Ratio Lower Upper

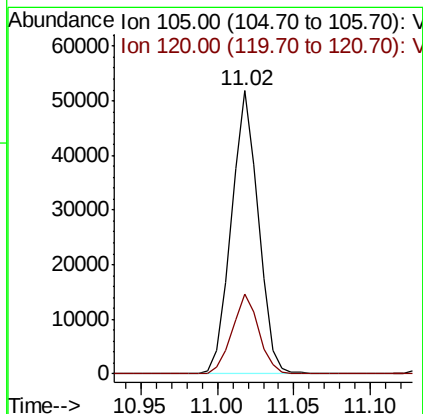
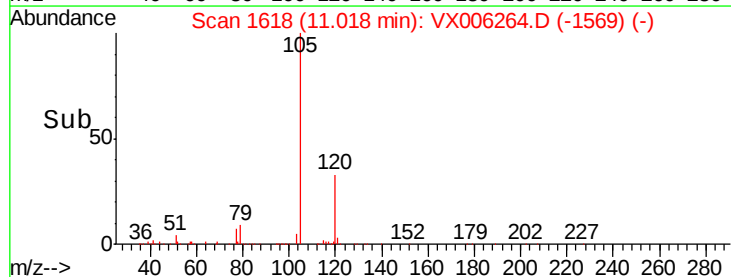
105 100

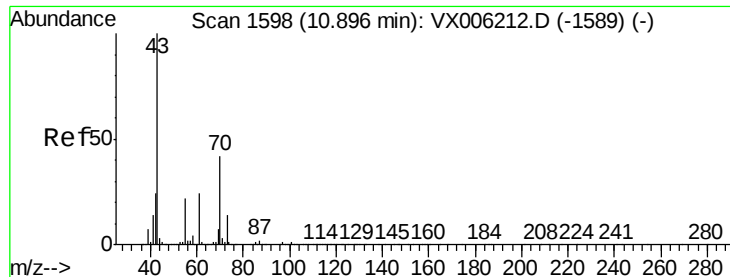
120 28.0 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.012 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

OR-03-112918-B

Tot Ion: 43 Resp: 35070

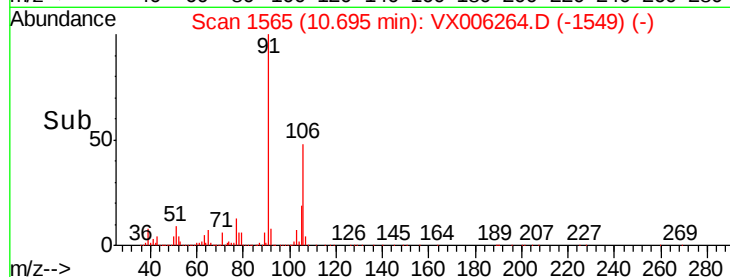
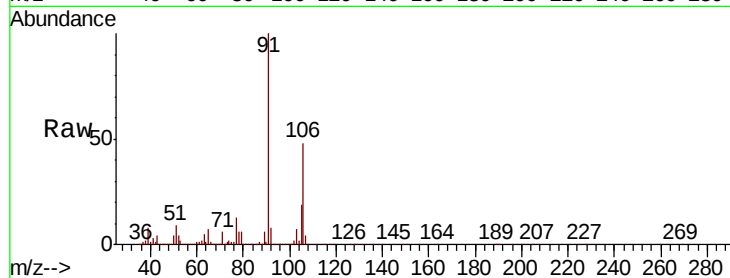
Ion Ratio Lower Upper

43 100

70 2.5 34.1 51.1#

55 5.8 17.8 26.8#

61 33.3 19.7 29.5#

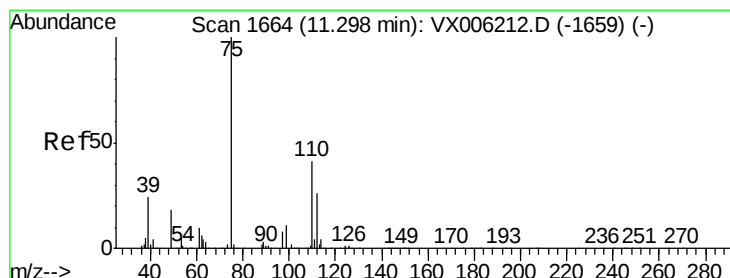
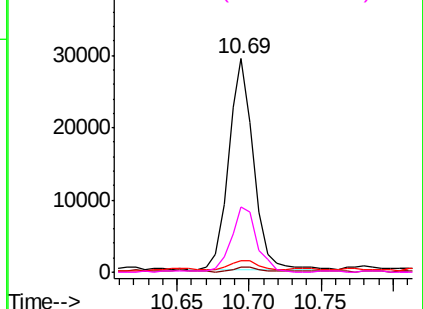


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 0.861 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.13 min

Lab File: VX006264.D

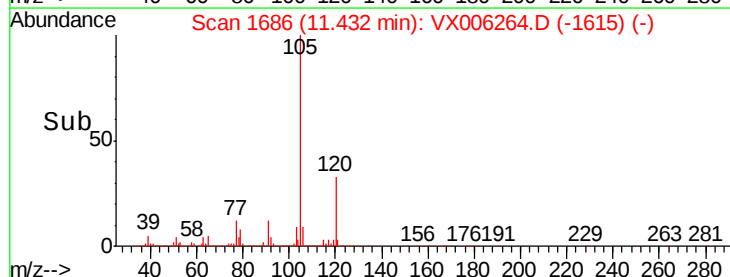
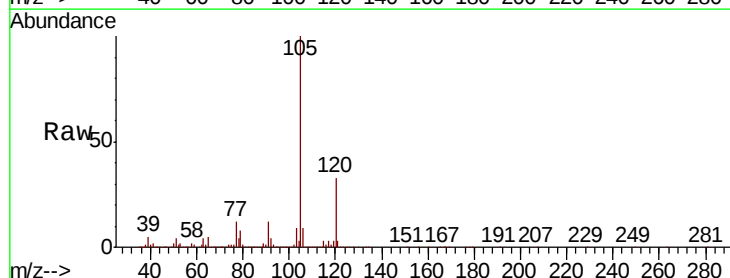
Acq: 03 Dec 2018 20:04

Tgt Ion: 75 Resp: 9735

Ion Ratio Lower Upper

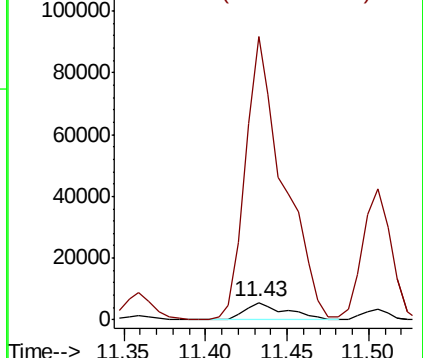
75 100

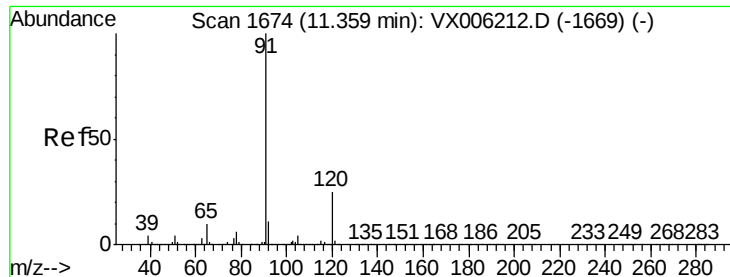
77 1524.0 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 6.150 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

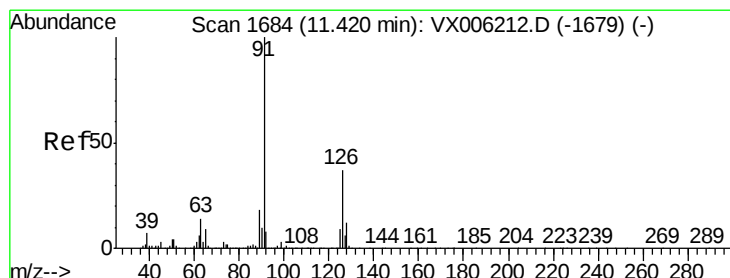
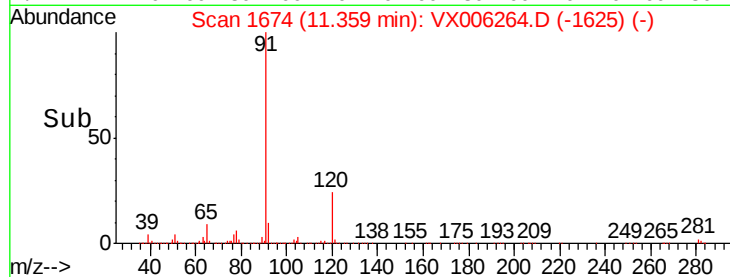
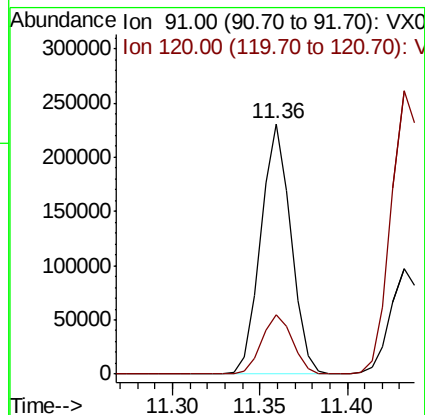
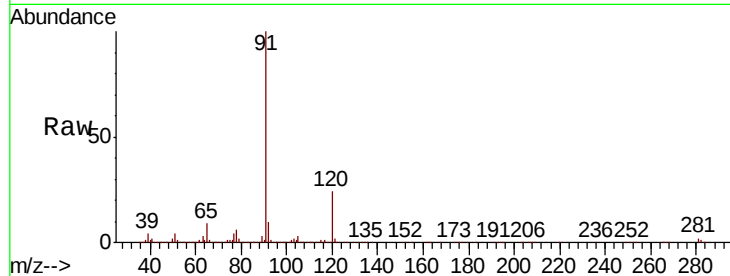
OR-03-112918-B

Tot Ion: 91 Resp: 276716

Ion Ratio Lower Upper

91 100

120 24.4 12.7 38.0



#79

2-Chlorotoluene

Concen: 5.924 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006264.D

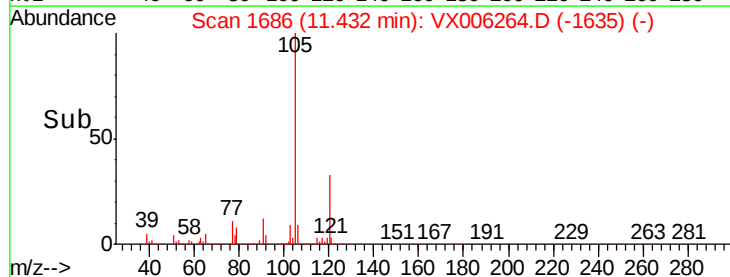
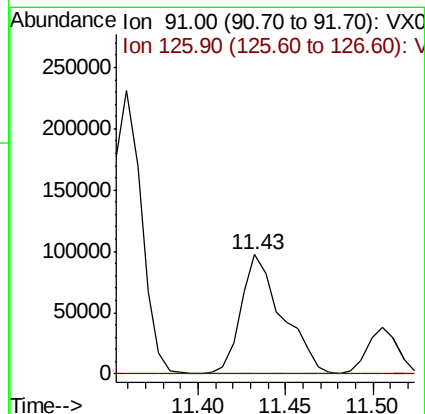
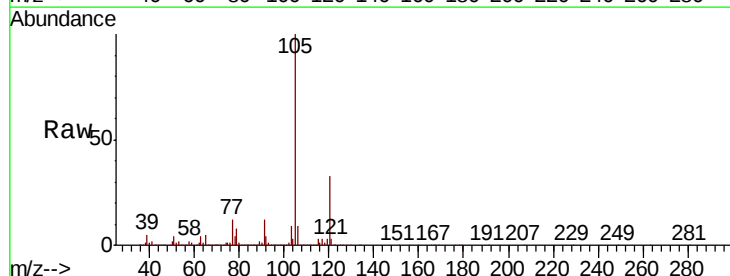
Acq: 03 Dec 2018 20:04

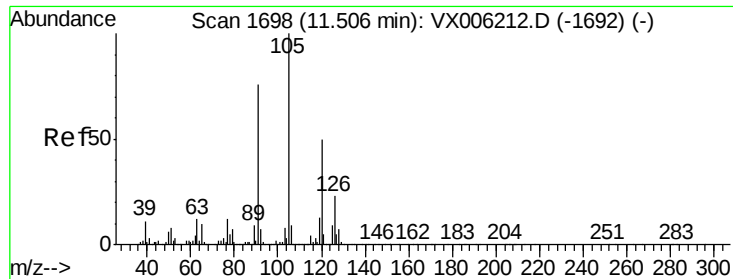
Tgt Ion: 91 Resp: 158416

Ion Ratio Lower Upper

91 100

126 0.3 18.6 56.0#

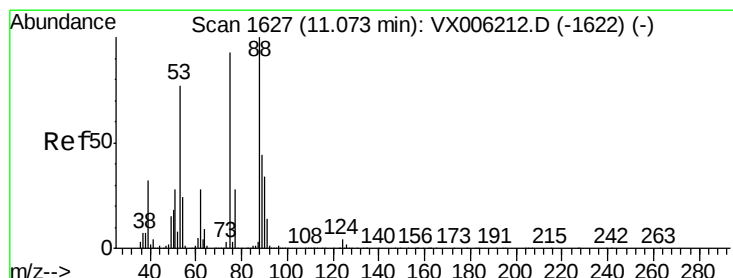
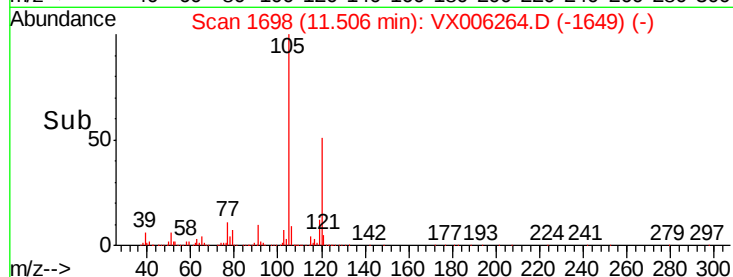
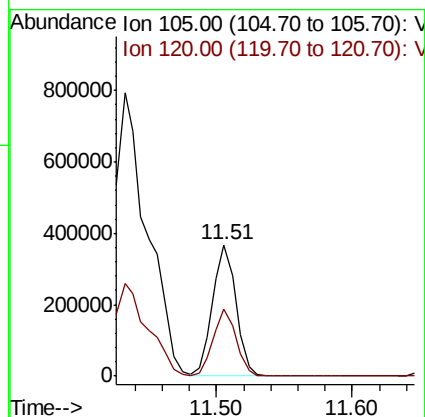
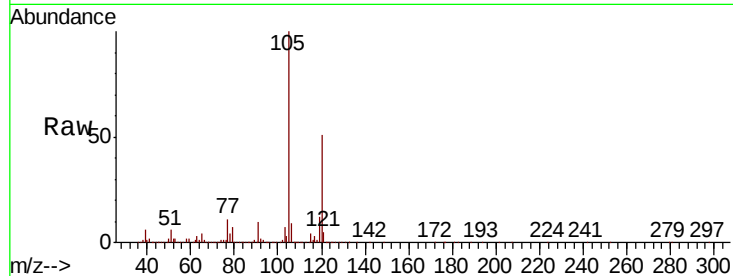




#80
 1,3,5-Trimethylbenzene
 Concen: 13.051 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006264.D
 Acq: 03 Dec 2018 20:04

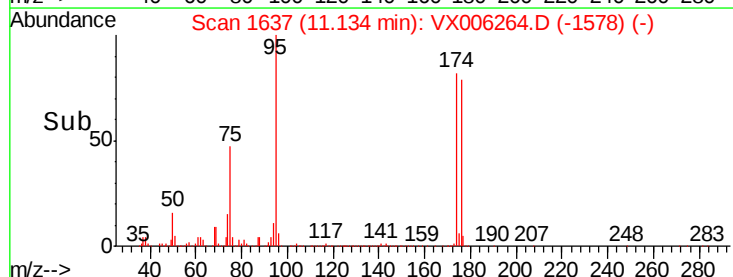
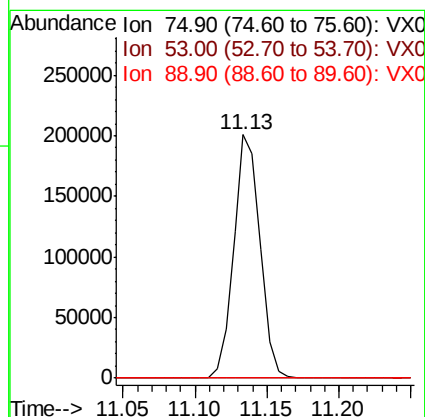
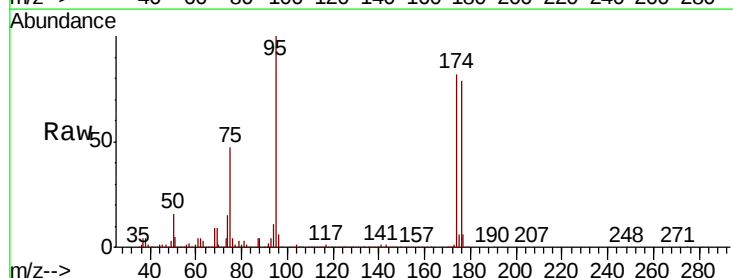
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-112918-B

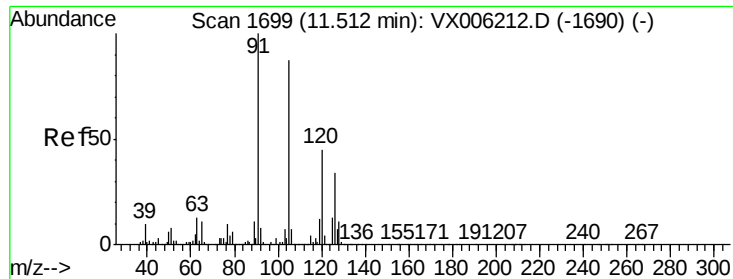
Tot Ion:105 Resp: 439509
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.4 76.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.150 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006264.D
 Acq: 03 Dec 2018 20:04

Tgt Ion: 75 Resp: 256215
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.1 44.2 66.4#

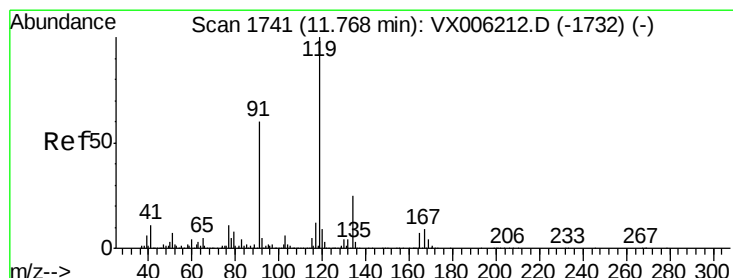
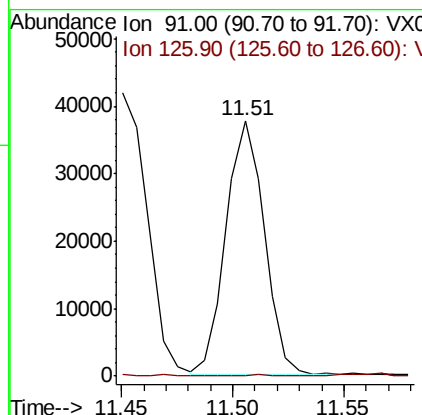
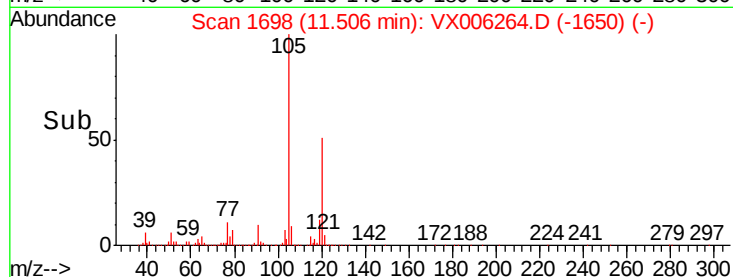
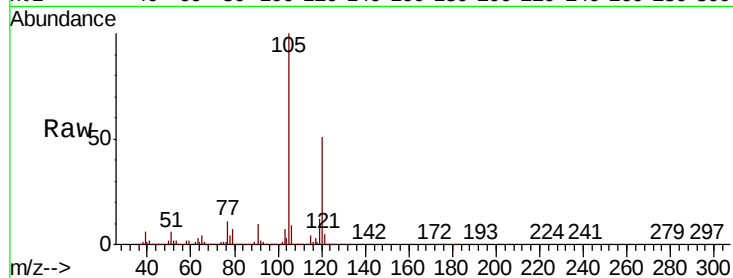




#82
4-Chlorotoluene
Concen: 1.442 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

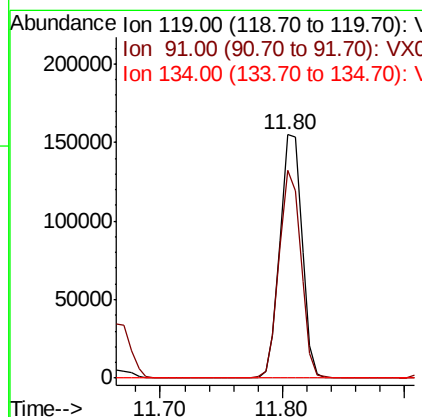
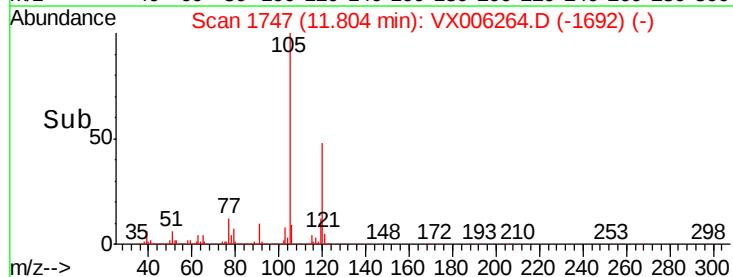
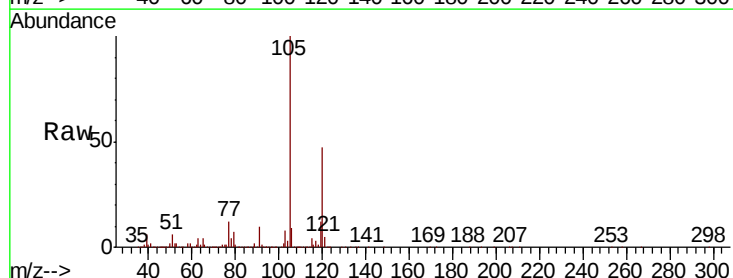
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

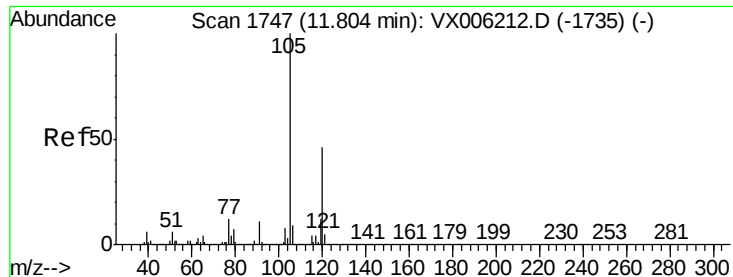
Tot Ion: 91 Resp: 44833
Ion Ratio Lower Upper
91 100
126 0.3 16.4 49.4#



#83
tert-Butylbenzene
Concen: 5.441 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX006264.D
Acq: 03 Dec 2018 20:04

Tgt Ion: 119 Resp: 195517
Ion Ratio Lower Upper
119 100
91 83.7 26.4 79.2#
134 0.0 11.6 34.7#

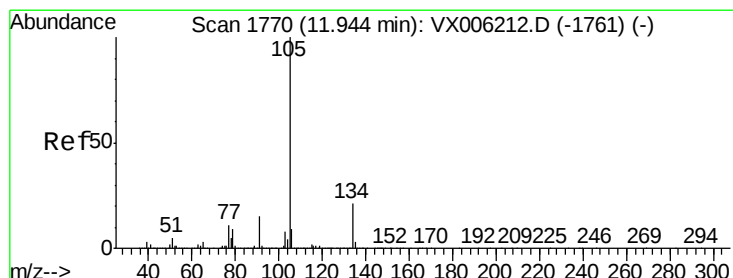
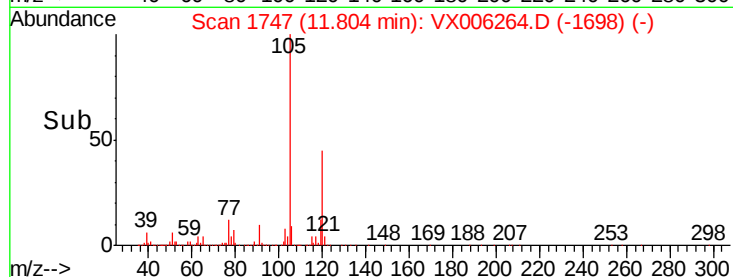
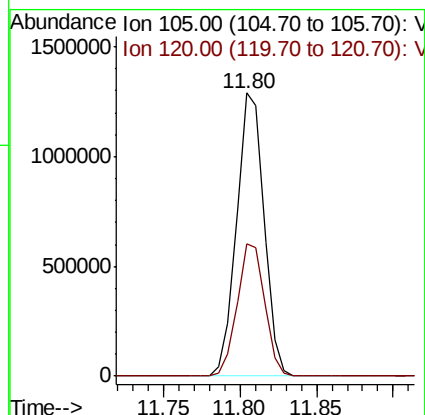
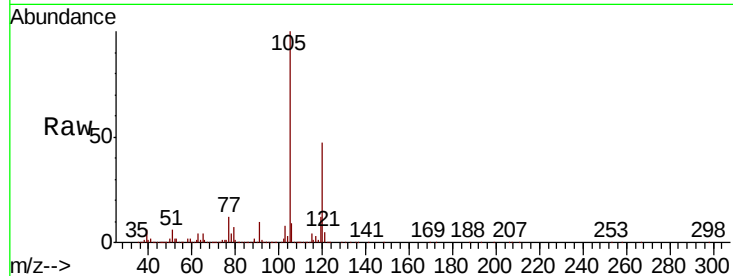




#84
 1,2,4-Trimethylbenzene
 Concen: 46.100 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006264.D
 Acq: 03 Dec 2018 20:04

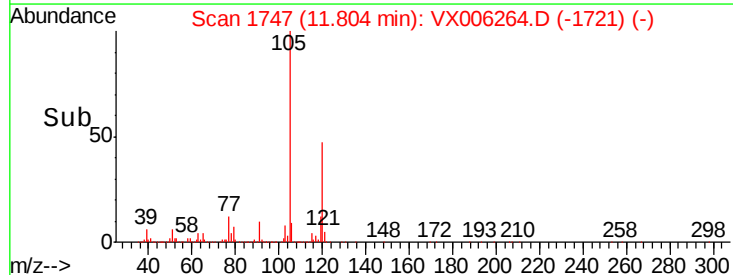
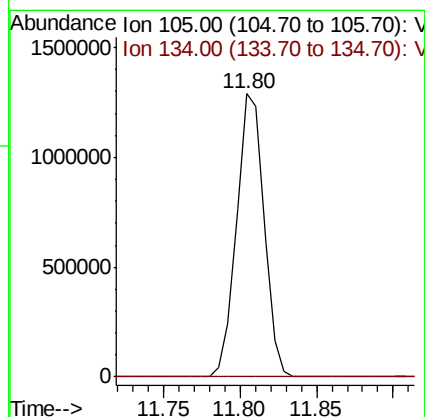
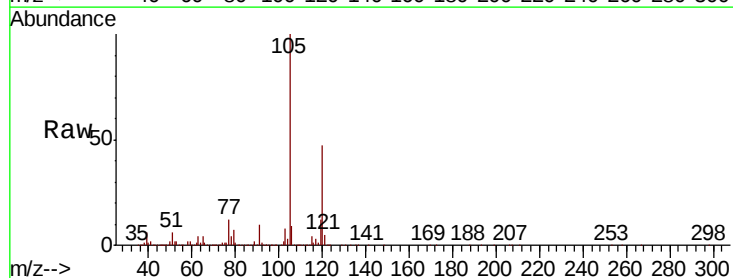
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-112918-B

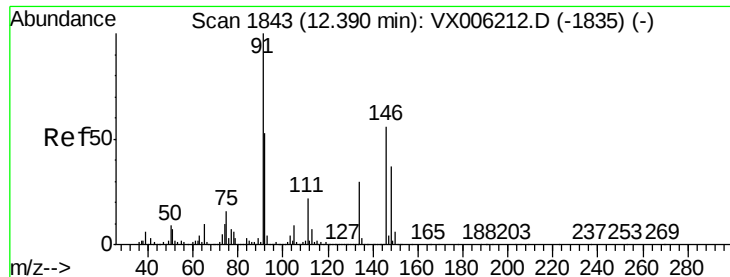
Tot Ion:105 Resp: 1603095
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.0



#85
 sec-Butylbenzene
 Concen: 39.217 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX006264.D
 Acq: 03 Dec 2018 20:04

Tgt Ion:105 Resp: 1603095
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#





#89

n-Butylbenzene

Concen: 1.298 ug/l

RT: 12.38 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

OR-03-112918-B

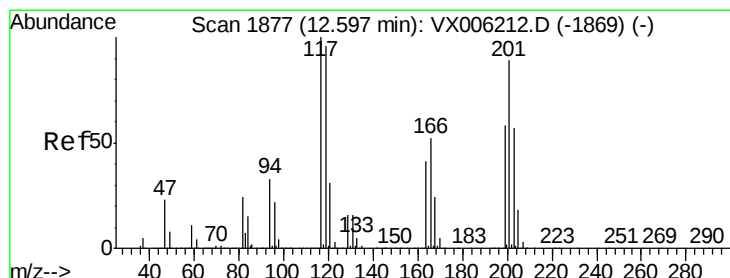
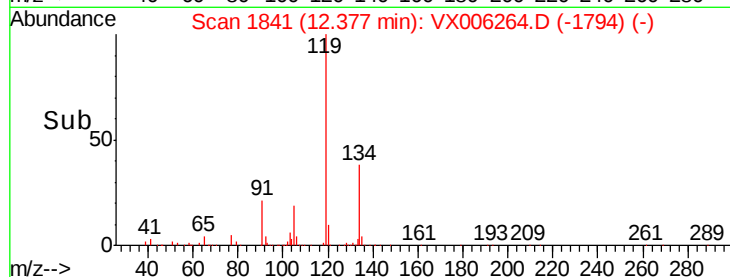
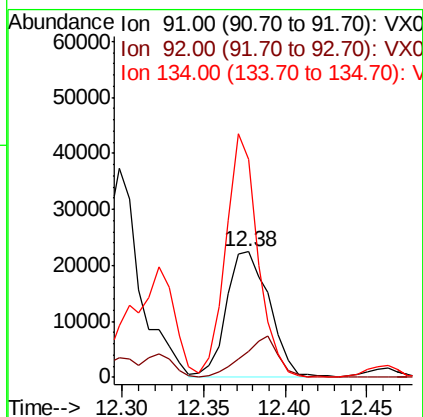
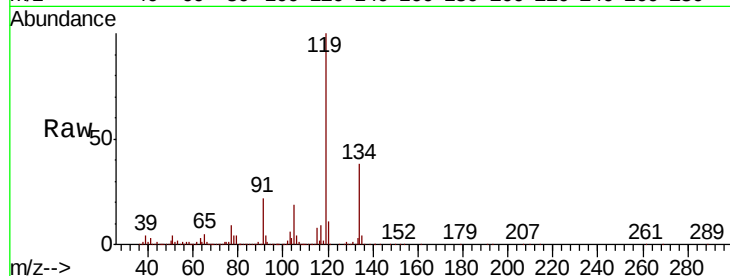
Tot Ion: 91 Resp: 40773

Ion Ratio Lower Upper

91 100

92 27.1 26.6 79.8

134 144.3 14.8 44.3#



#90

Hexachloroethane

Concen: 1.447 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX006264.D

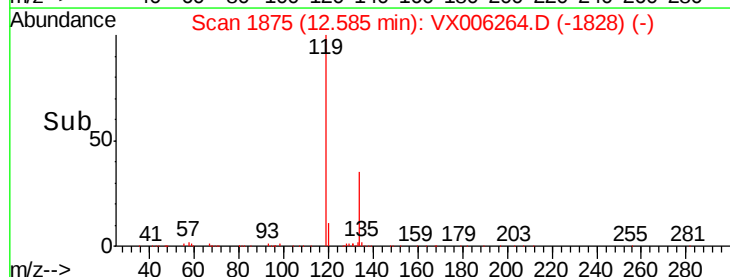
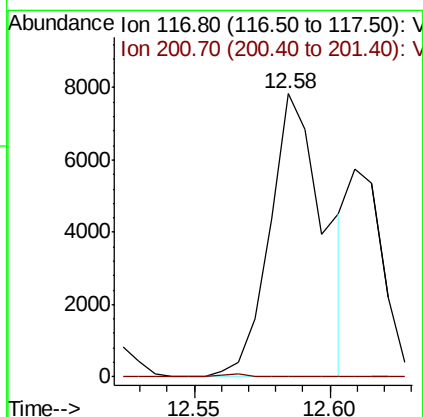
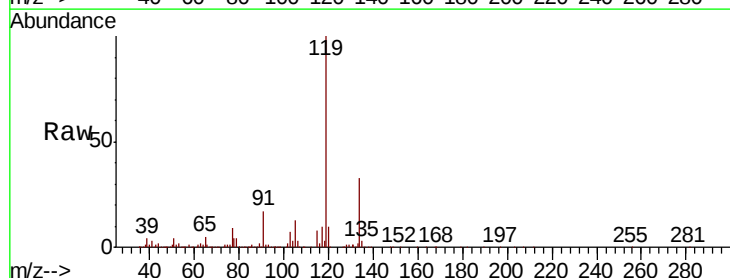
Acq: 03 Dec 2018 20:04

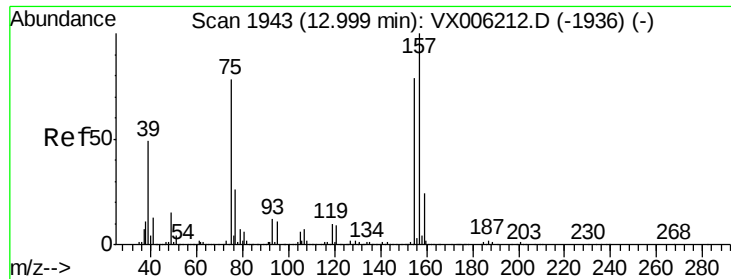
Tgt Ion: 117 Resp: 10854

Ion Ratio Lower Upper

117 100

201 0.4 44.7 134.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.222 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

OR-03-112918-B

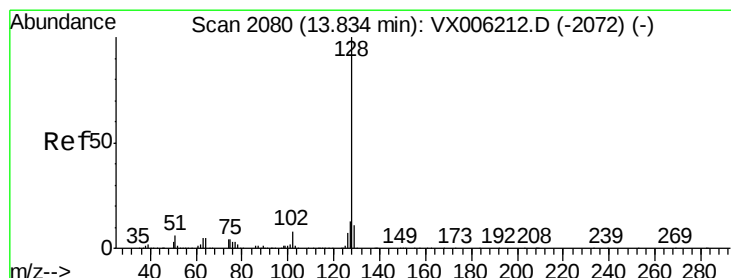
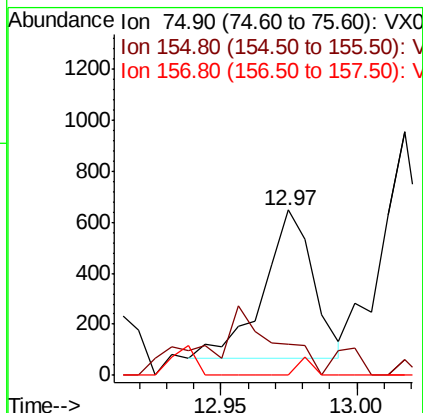
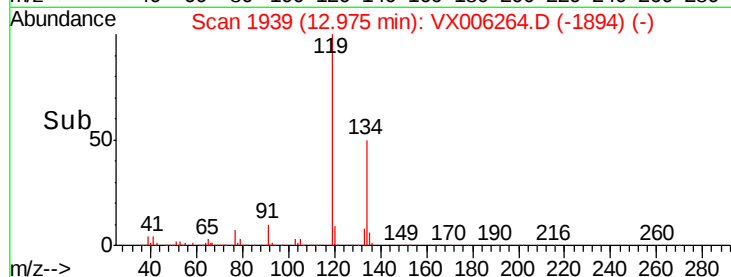
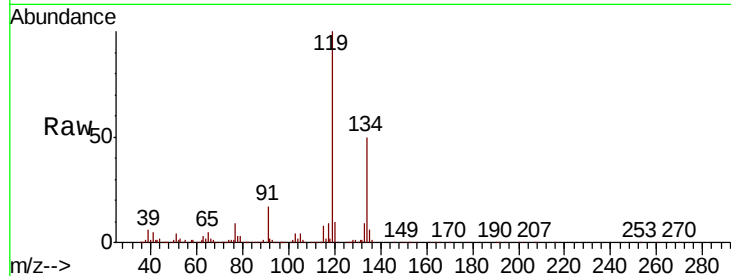
Tot Ion: 75 Resp: 737

Ion Ratio Lower Upper

75 100

155 0.0 53.4 160.3#

157 3.5 68.0 203.8#



#95

Naphthalene

Concen: 11.307 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006264.D

Acq: 03 Dec 2018 20:04

Tgt Ion:128 Resp: 509013

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.2 8.9 13.3

