

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX032919\
 Data File : VX008544.D
 Acq On : 29 Mar 2019 15:26
 Operator : JC/SP
 Sample : K2121-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Quant Time: Mar 29 23:45:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382796	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	328558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139442	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	158761	46.15	ug/l	0.00
Spiked Amount			Recovery	=	92.30%	
35) Dibromofluoromethane	5.50	113	117360	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
50) Toluene-d8	8.71	98	476490	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	11.13	95	165405	44.72	ug/l	0.00
Spiked Amount			Recovery	=	89.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2111	Below Cal	#	72
4) Vinyl Chloride	1.40	62	21817	5.841	ug/l #	79
5) Bromomethane	1.64	94	132	1.873	ug/l	81
10) Methyl Iodide	2.51	142	399	4.276	ug/l #	90
11) Tert butyl alcohol	3.03	59	6253	8.204	ug/l #	82
13) Acrolein	2.26	56	237	0.428	ug/l #	1
15) Acrylonitrile	3.15	53	492	0.246	ug/l #	59
16) Acetone	2.44	43	27337	15.203	ug/l	98
17) Carbon Disulfide	2.57	76	5229	0.309	ug/l	97
20) Methylene Chloride	2.86	84	1285	Below Cal		97
21) trans-1,2-Dichloroethene	3.17	96	5964	2.007	ug/l	97
25) 2-Butanone	4.68	43	6105	2.118	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	581755	180.202	ug/l	89
31) Cyclohexane	5.57	56	6357	1.153	ug/l #	90
36) 1,1-Dichloropropene	5.66	75	19776	4.845	ug/l #	51
38) Carbon Tetrachloride	5.66	117	22181	6.512	ug/l #	16
39) Methylcyclohexane	7.46	83	8145	1.670	ug/l	97
40) Benzene	6.14	78	16320	1.336	ug/l	98
44) Trichloroethene	7.21	130	1437	0.501	ug/l	97
48) Methyl methacrylate	7.73	41	1086	0.257	ug/l #	38
51) 4-Methyl-2-Pentanone	8.64	43	3924	0.714	ug/l	98
52) Toluene	8.78	92	365465	50.023	ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	2790	0.938	ug/l #	17
59) 2-Hexanone	9.50	43	2388	0.561	ug/l	79
60) Dibromochloromethane	9.33	129	1285	0.454	ug/l #	11
64) Tetrachloroethene	9.34	164	1208	0.543	ug/l	91
67) Ethyl Benzene	10.25	91	172647	12.803	ug/l	100
68) m/p-Xylenes	10.36	106	428607	87.368	ug/l	99
69) o-Xylene	10.69	106	238793	50.159	ug/l	100
70) Styrene	10.69	104	12241	1.489	ug/l #	1
73) Isopropylbenzene	11.02	105	19048	1.679	ug/l	100
74) N-amyl acetate	10.91	43	2214	0.337	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	2573	0.585	ug/l #	25
76) 1,2,3-Trichloropropane	11.43	75	5519	1.331	ug/l #	1

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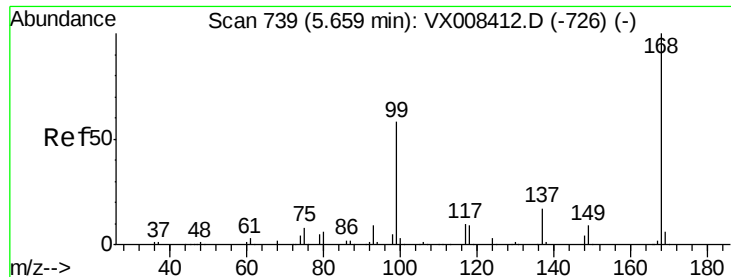
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	11.36	91	58808	4.425	ug/l	99
79) 2-Chlorotoluene	11.43	91	78757	9.744	ug/l #	51
80) 1,3,5-Trimethylbenzene	11.51	105	420769	43.873	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	83496	64.510	ug/l #	10
82) 4-Chlorotoluene	11.51	91	45573	4.888	ug/l #	50
83) tert-Butylbenzene	11.77	119	20295	2.193	ug/l	87
84) 1,2,4-Trimethylbenzene	11.80	105	725914	74.832	ug/l	98
85) sec-Butylbenzene	11.80	105	725654	65.854	ug/l #	58
86) p-Isopropyltoluene	12.06	119	45031	4.631	ug/l	99
89) n-Butylbenzene	12.37	91	82720	8.981	ug/l #	1
90) Hexachloroethane	12.58	117	10750	6.636	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2005	2.089	ug/l #	14
95) Naphthalene	13.83	128	192764	16.952	ug/l	99
96) 1,2,3-Trichlorobenzene	14.18	180	925	0.278	ug/l	68

(#) = 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. 0.01 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

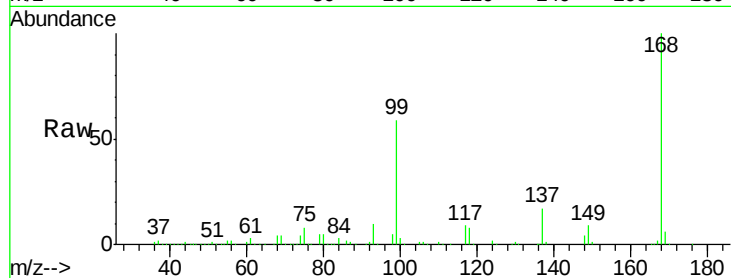
MW-11

Tgt Ion:168 Resp: 226930

Ion Ratio Lower Upper

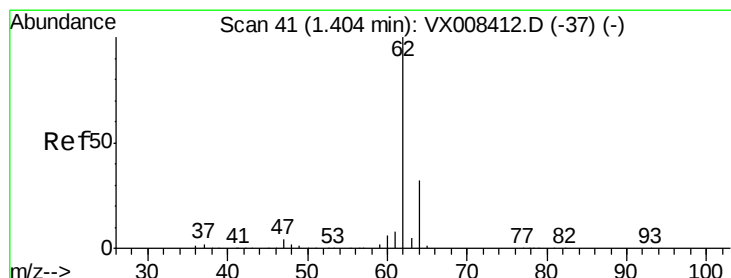
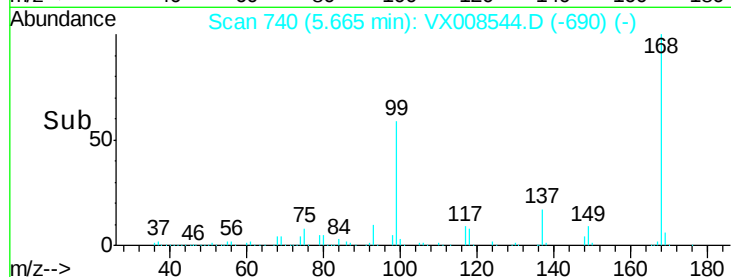
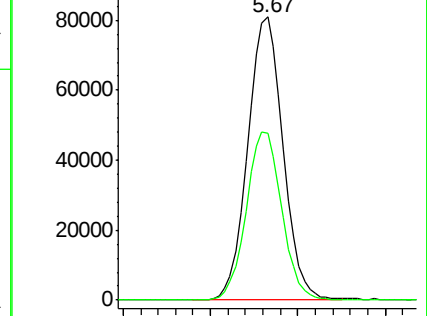
168 100

99 59.1 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 5.841 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008544.D

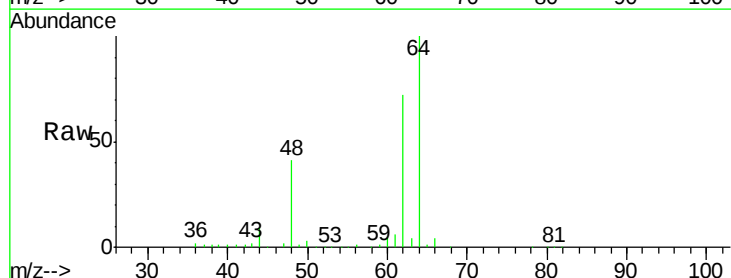
Acq: 29 Mar 2019 15:26

Tgt Ion: 62 Resp: 21817

Ion Ratio Lower Upper

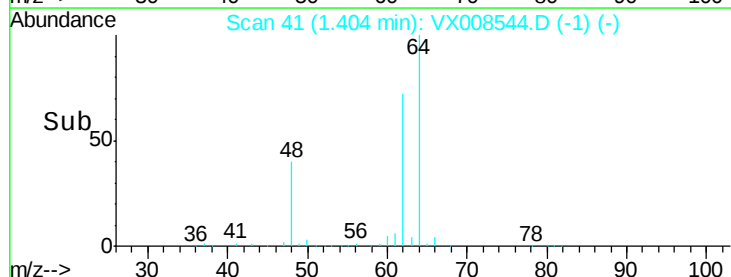
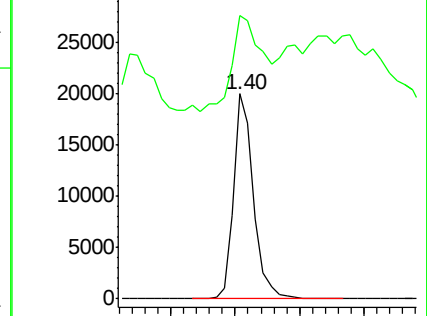
62 100

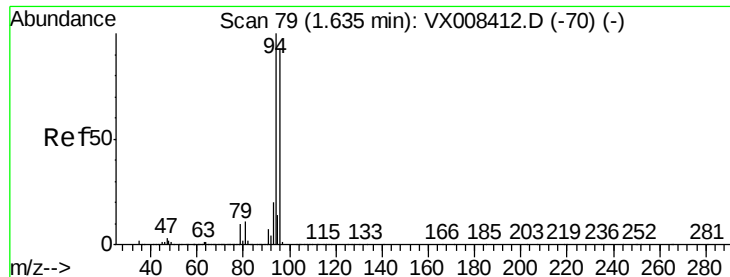
64 43.6 25.5 38.3#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.873 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

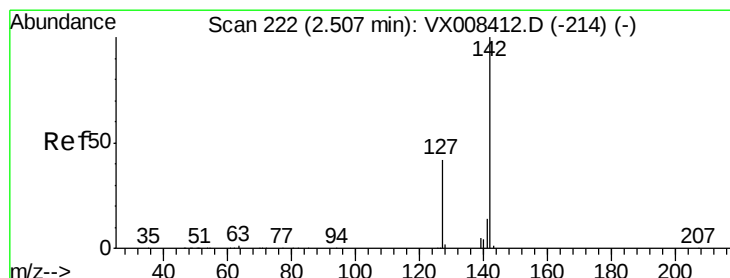
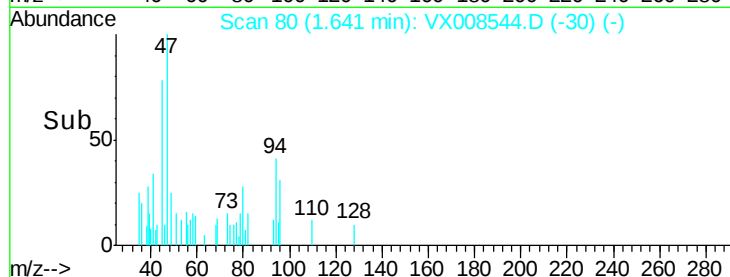
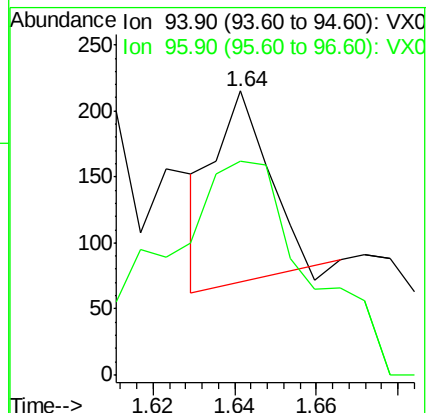
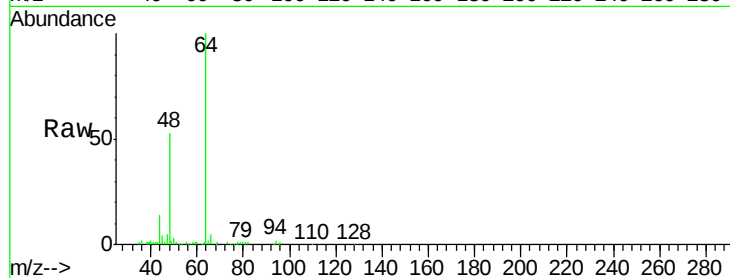
MW-11

Tgt Ion: 94 Resp: 132

Ion Ratio Lower Upper

94 100

96 75.0 74.8 112.2



#10

Methyl Iodide

Concen: 4.276 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

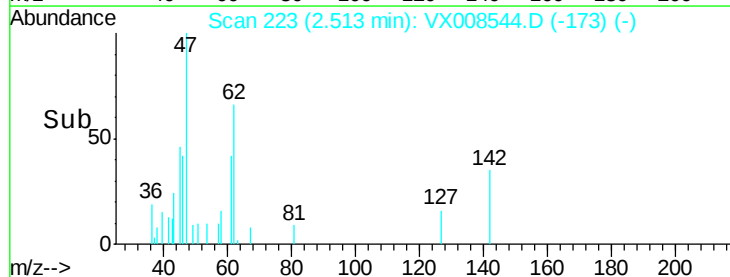
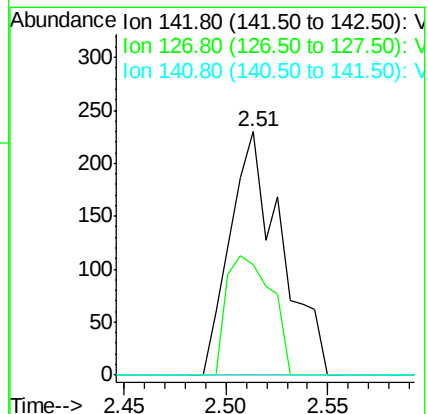
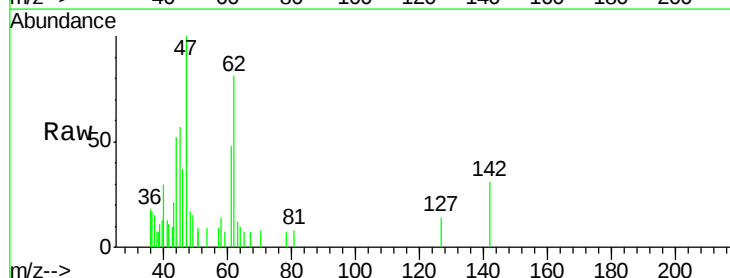
Tgt Ion: 142 Resp: 399

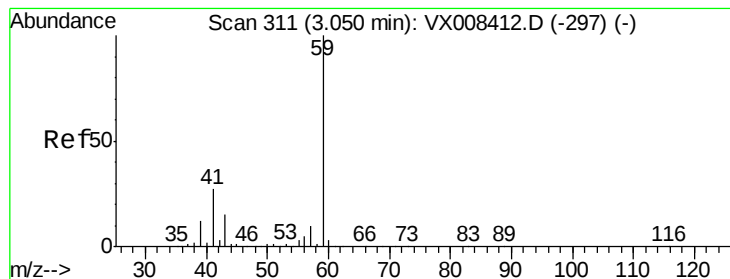
Ion Ratio Lower Upper

142 100

127 43.4 33.6 50.4

141 0.0 11.3 16.9#



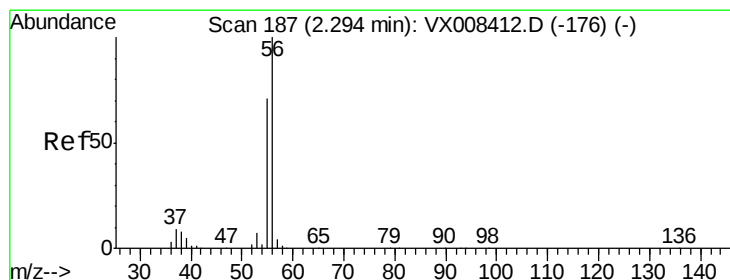
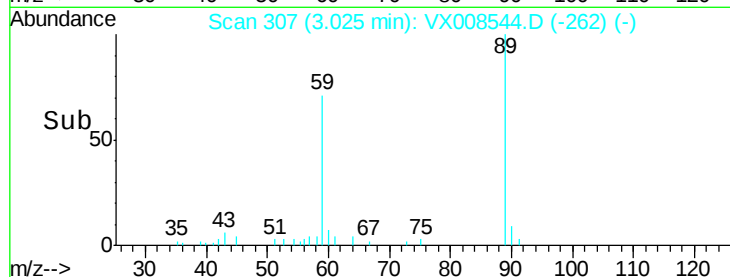
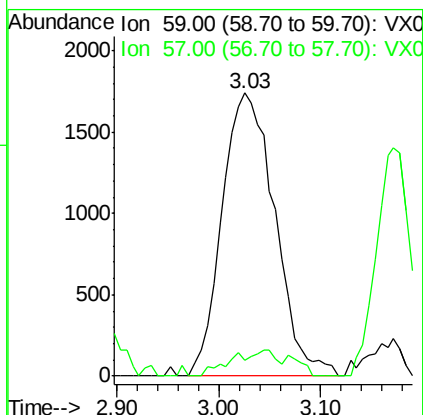
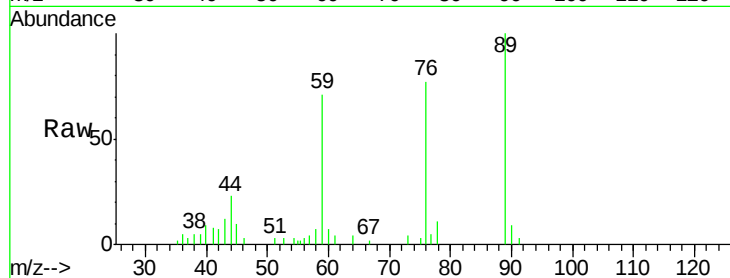


#11

Tert butyl alcohol
 Concen: 8.204 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.02 min
 Lab File: VX008544.D
 Acq: 29 Mar 2019 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

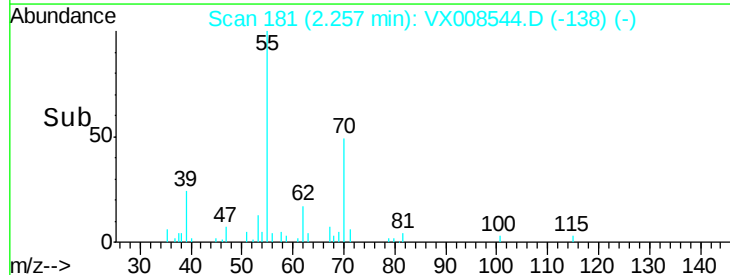
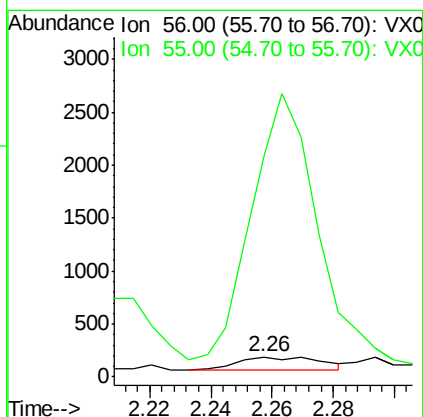
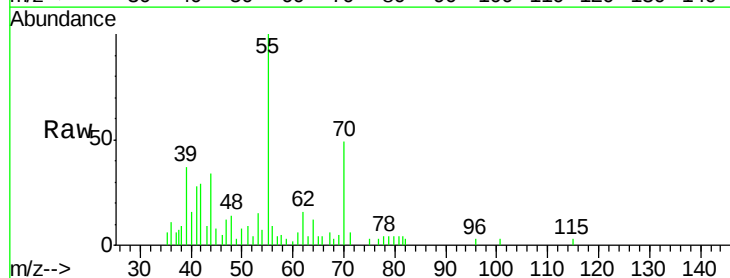
Tgt Ion: 59 Resp: 6253
 Ion Ratio Lower Upper
 59 100
 57 3.4 8.2 12.4#

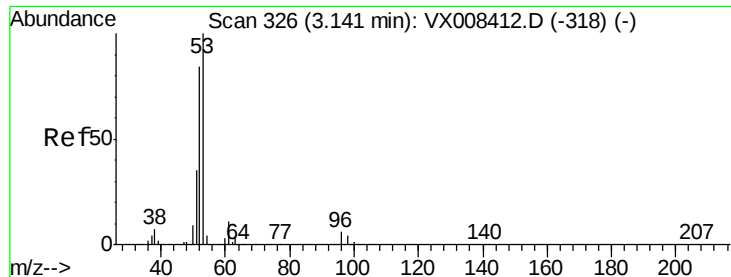


#13

Acrolein
 Concen: 0.428 ug/l
 RT: 2.26 min Scan# 181
 Delta R.T. -0.04 min
 Lab File: VX008544.D
 Acq: 29 Mar 2019 15:26

Tgt Ion: 56 Resp: 237
 Ion Ratio Lower Upper
 56 100
 55 1720.3 56.5 84.7#





#15

Acrylonitrile

Concen: 0.246 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

MW-11

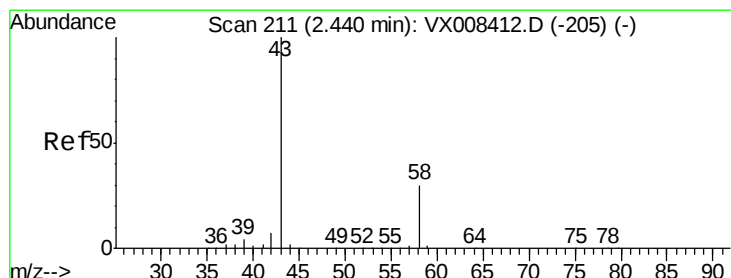
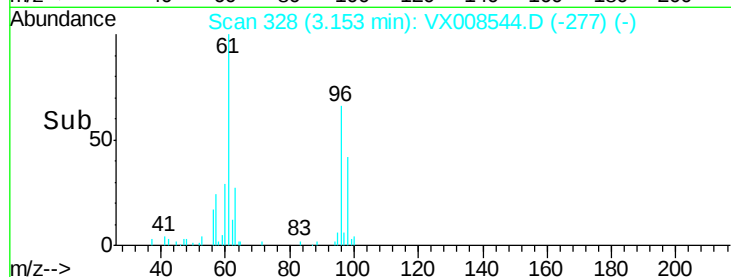
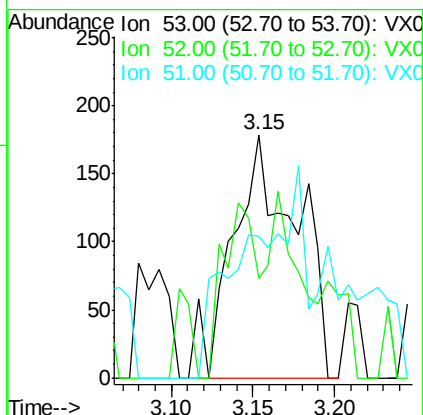
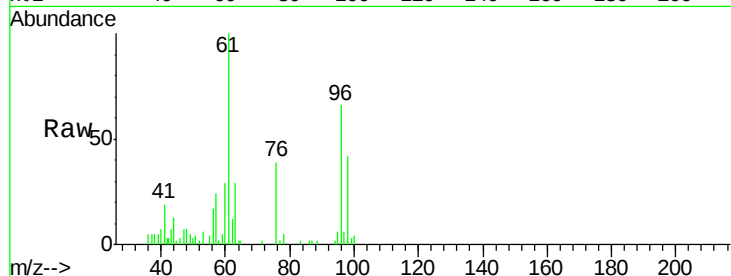
Tgt Ion: 53 Resp: 492

Ion Ratio Lower Upper

53 100

52 37.2 66.5 99.7#

51 45.3 28.3 42.5#



#16

Acetone

Concen: 15.203 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008544.D

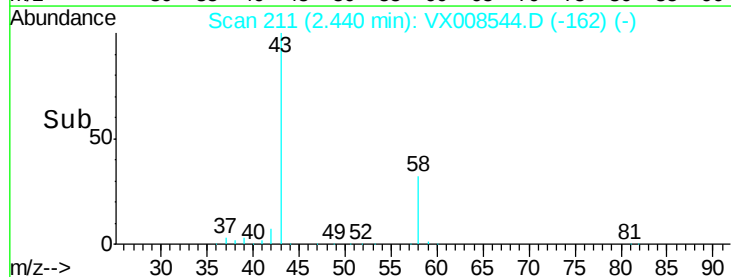
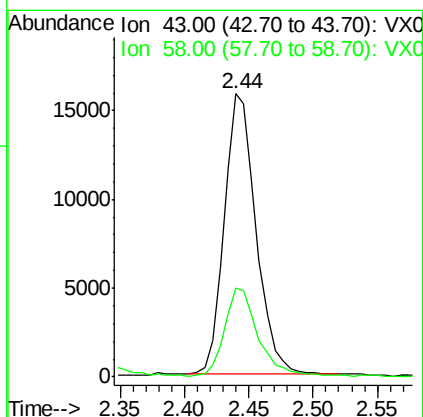
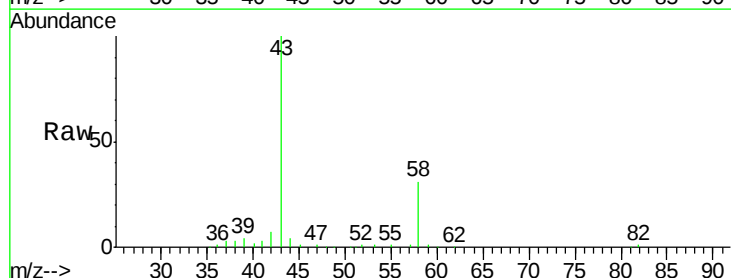
Acq: 29 Mar 2019 15:26

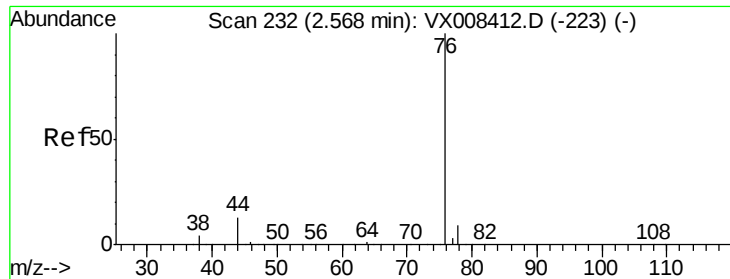
Tgt Ion: 43 Resp: 27337

Ion Ratio Lower Upper

43 100

58 31.3 24.2 36.2

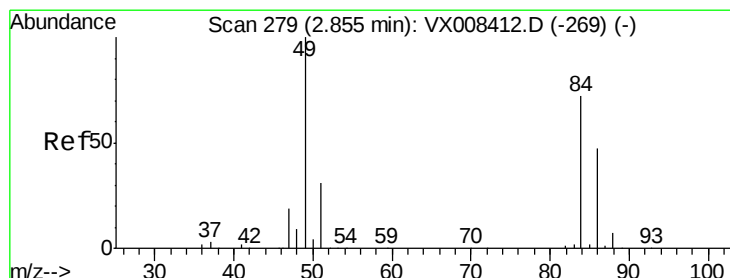
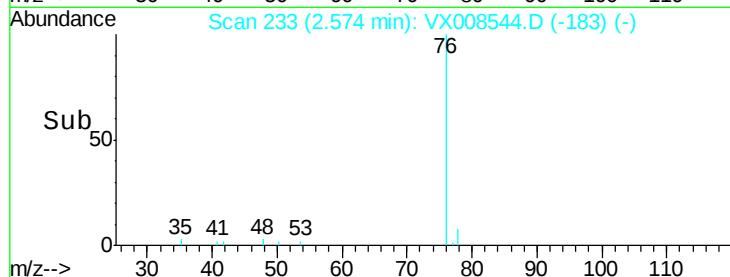
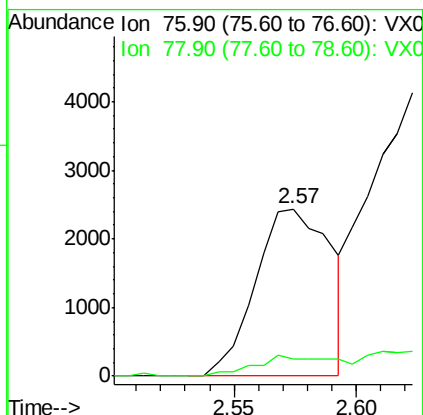
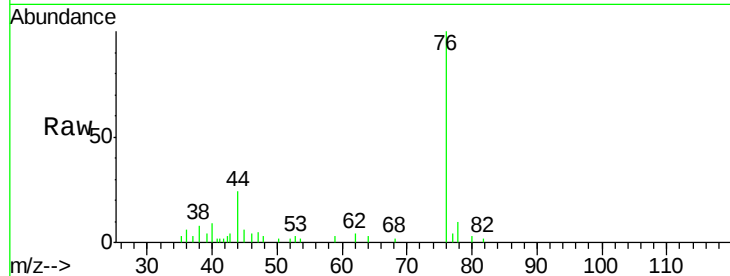




#17
Carbon Disulfide
Concen: 0.309 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

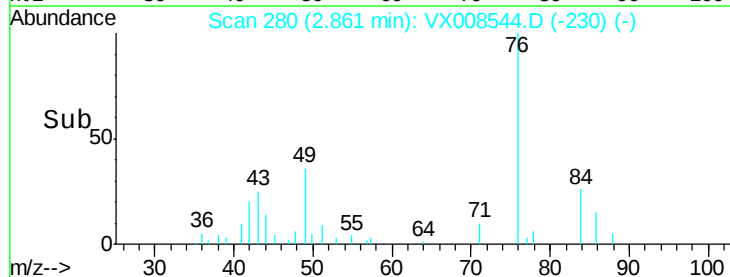
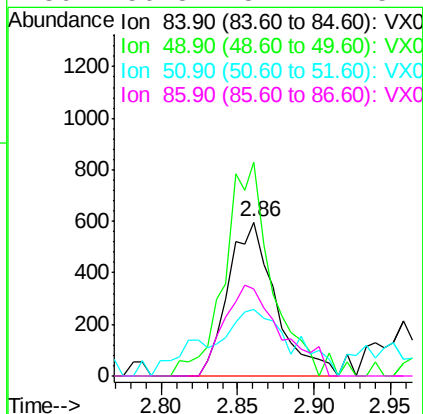
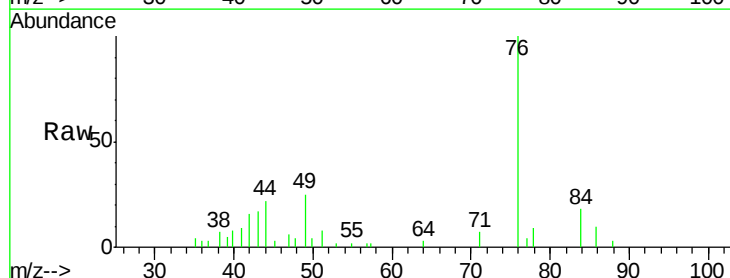
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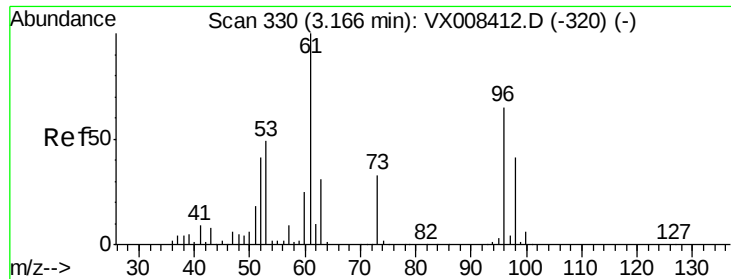
Tgt Ion: 76 Resp: 5229
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

Tgt Ion: 84 Resp: 1285
Ion Ratio Lower Upper
84 100
49 138.9 110.6 165.8
51 43.4 33.9 50.9
86 56.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 2.007 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

MW-11

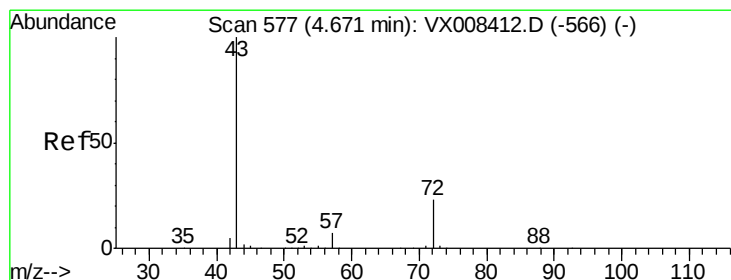
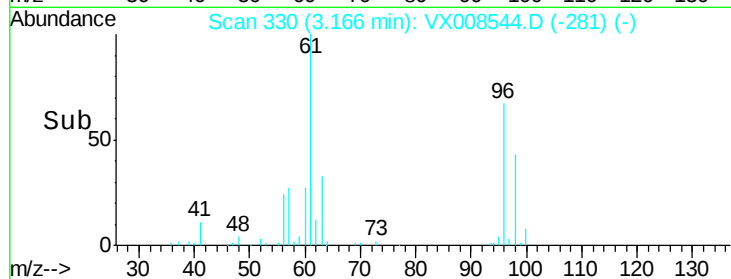
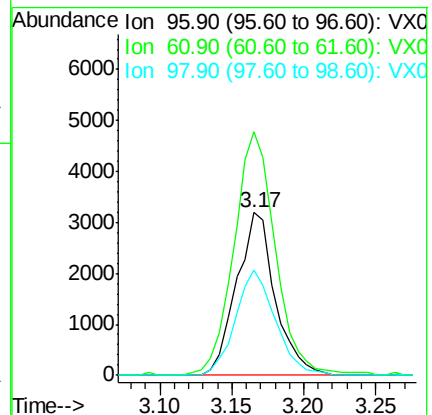
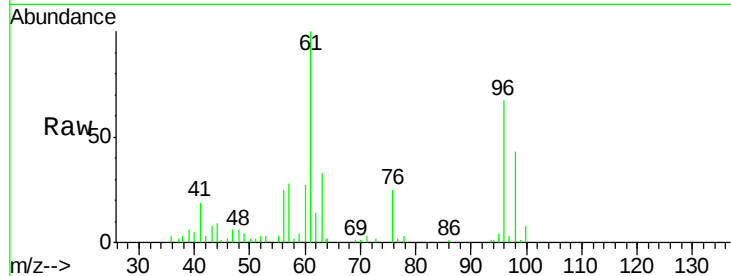
Tgt Ion: 96 Resp: 5964

Ion Ratio Lower Upper

96 100

61 147.8 122.6 184.0

98 64.4 50.9 76.3



#25

2-Butanone

Concen: 2.118 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008544.D

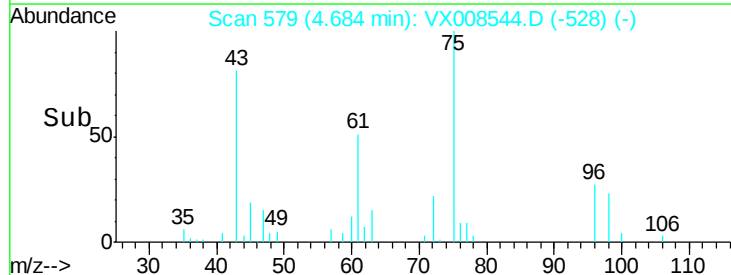
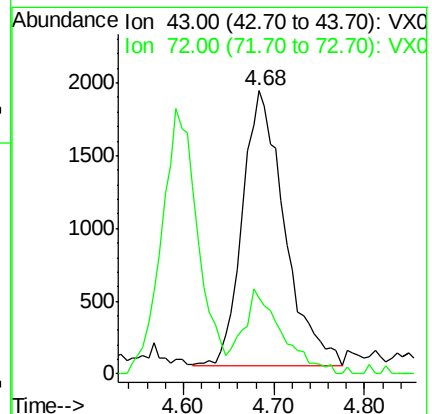
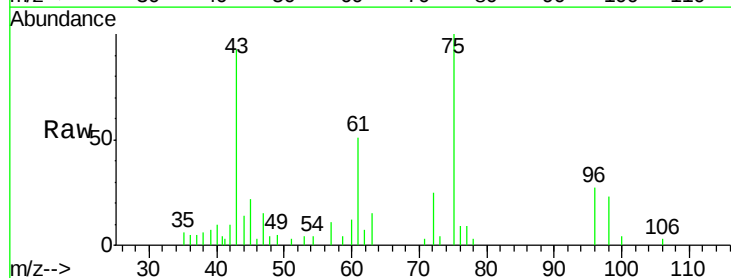
Acq: 29 Mar 2019 15:26

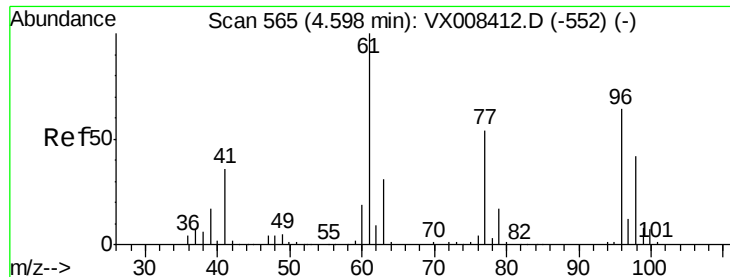
Tgt Ion: 43 Resp: 6105

Ion Ratio Lower Upper

43 100

72 27.5 18.6 28.0



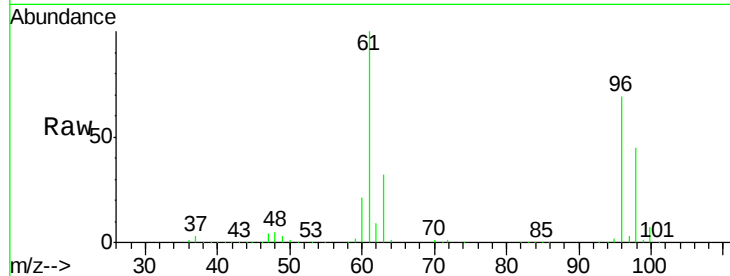


#27

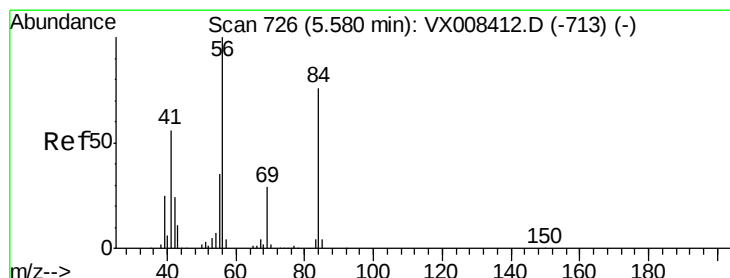
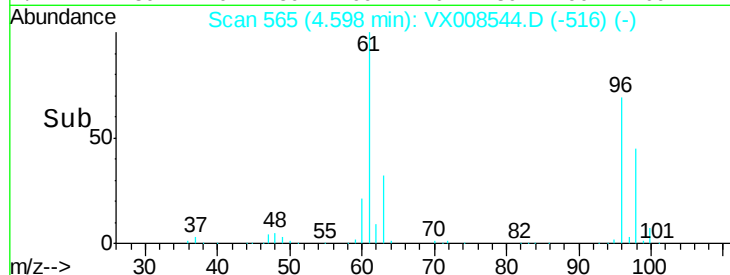
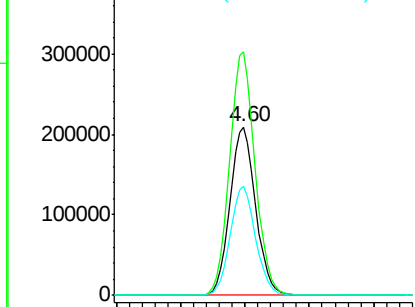
cis-1,2-Dichloroethene
Concen: 180.202 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

Instrument :
MSVOA_X
ClientSampleId :
MW-11

Tgt Ion: 96 Resp: 581755
Ion Ratio Lower Upper
96 100
61 143.6 0.0 325.6
98 64.3 0.0 130.0



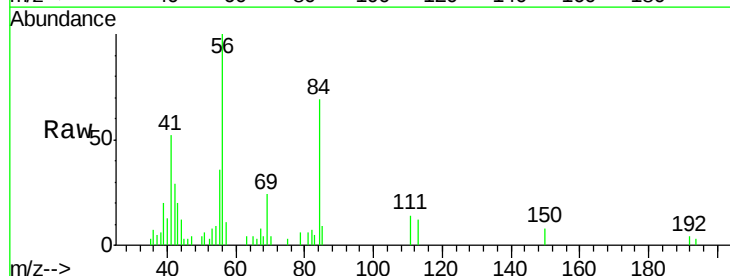
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



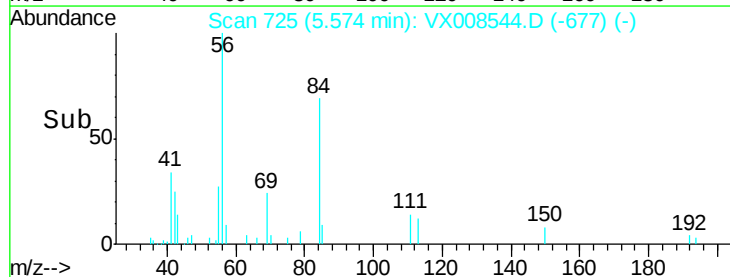
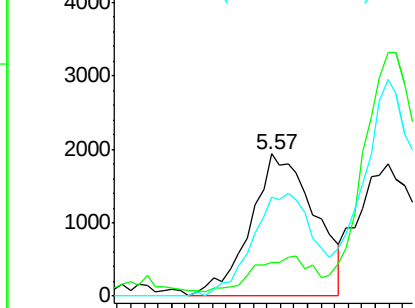
#31

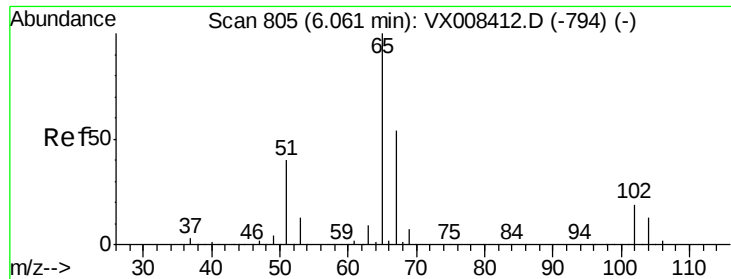
Cyclohexane
Concen: 1.153 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

Tgt Ion: 56 Resp: 6357
Ion Ratio Lower Upper
56 100
69 19.8 23.2 34.8#
84 69.2 60.7 91.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

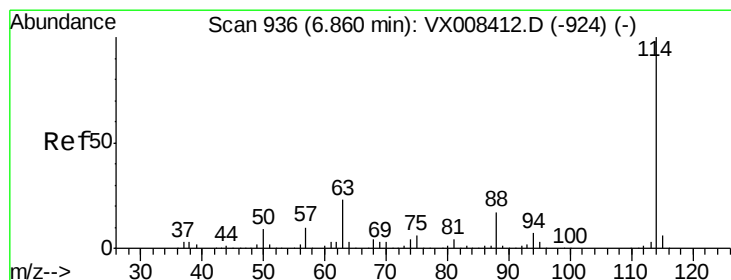
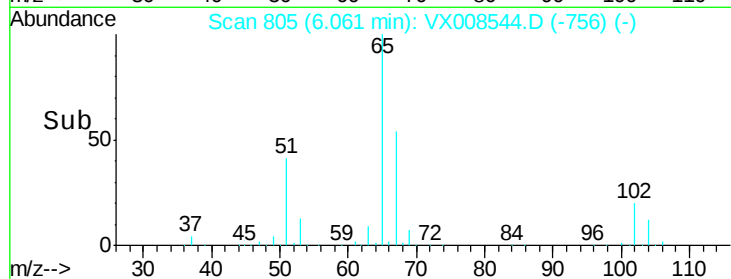
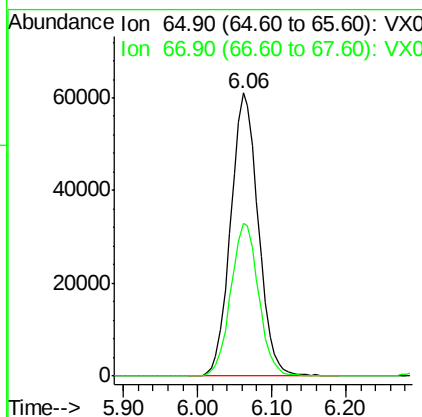
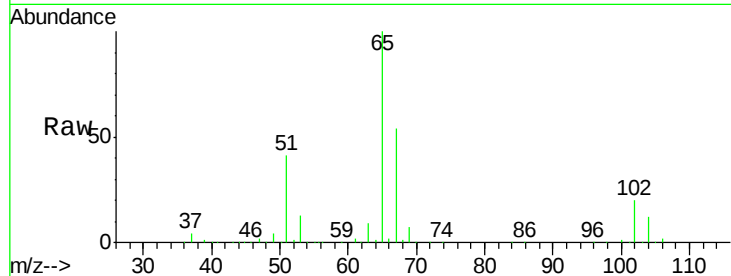




#33
 1,2-Dichloroethane-d4
 Concen: 46.147 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008544.D
 Acq: 29 Mar 2019 15:26

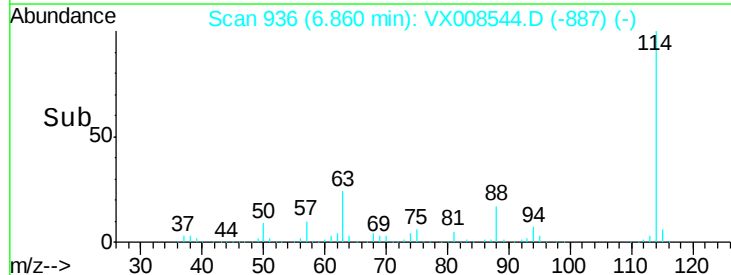
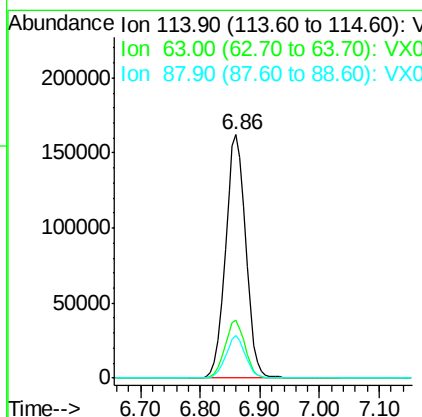
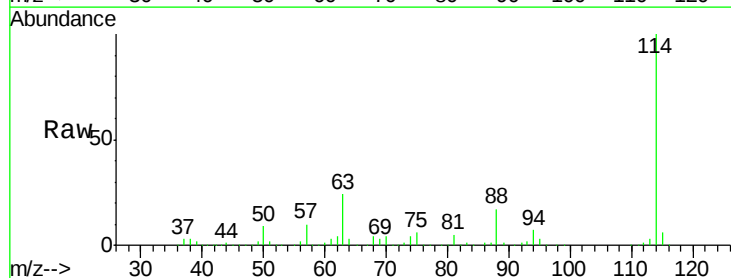
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

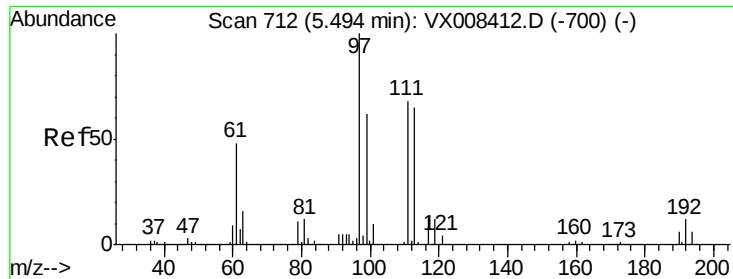
Tgt Ion: 65 Resp: 158761
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008544.D
 Acq: 29 Mar 2019 15:26

Tgt Ion: 114 Resp: 382796
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.4
 88 17.3 0.0 33.2

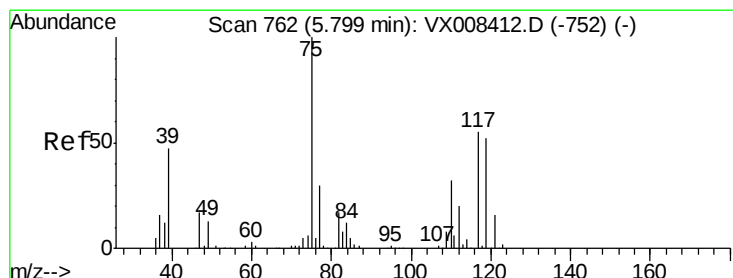
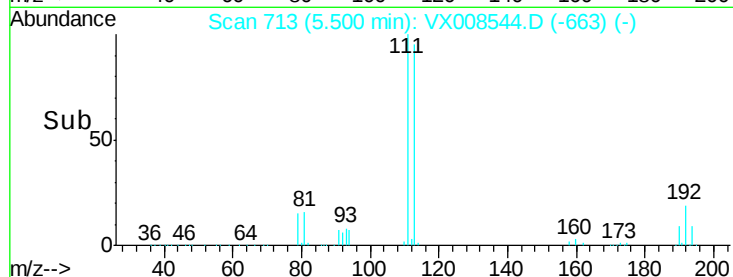
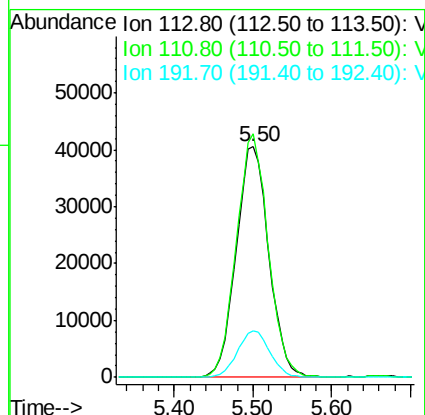
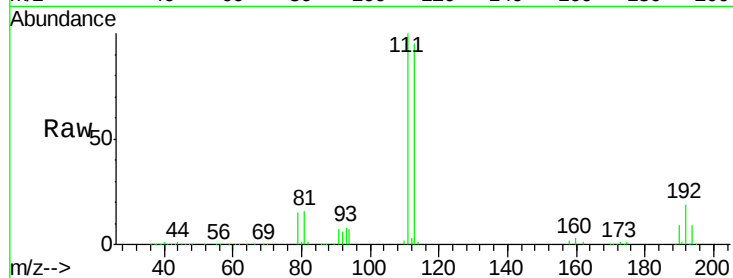




#35
 Dibromofluoromethane
 Concen: 47.019 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008544.D
 Acq: 29 Mar 2019 15:26

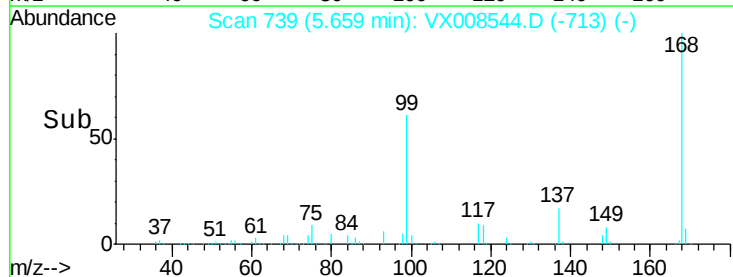
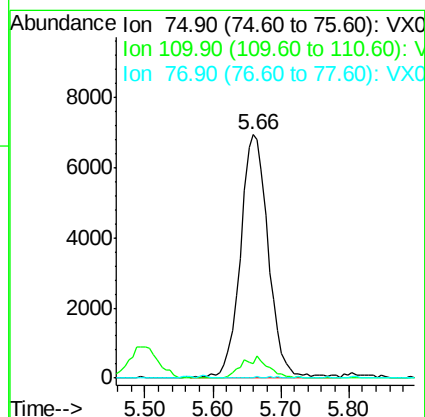
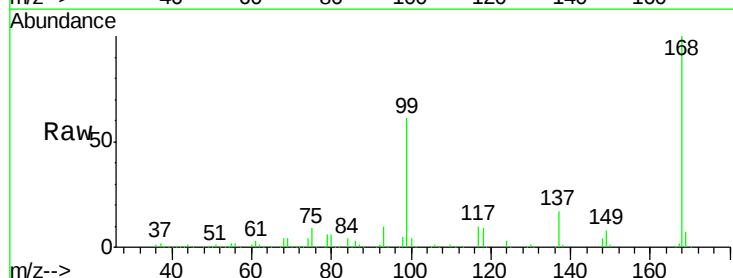
Instrument :
 MSVOA_X
 ClientSampled :
 MW-11

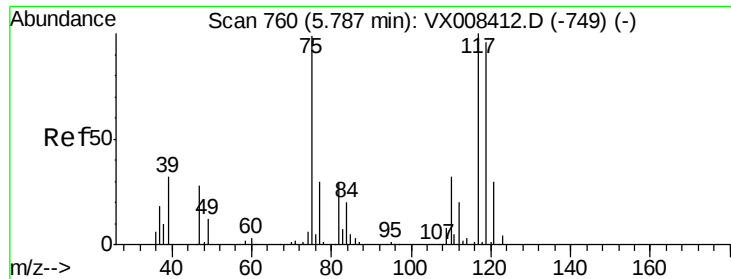
Tgt Ion:113 Resp: 117360
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.0 124.4
 192 20.0 15.6 23.4



#36
 1,1-Dichloropropene
 Concen: 4.845 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008544.D
 Acq: 29 Mar 2019 15:26

Tgt Ion: 75 Resp: 19776
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.6 49.7#
 77 0.1 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 6.512 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

MW-11

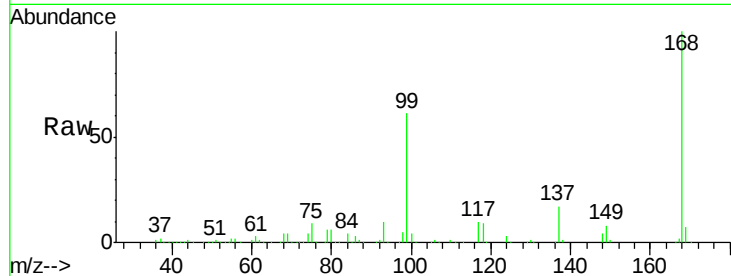
Tgt Ion:117 Resp: 22181

Ion Ratio Lower Upper

117 100

119 5.0 76.7 115.1#

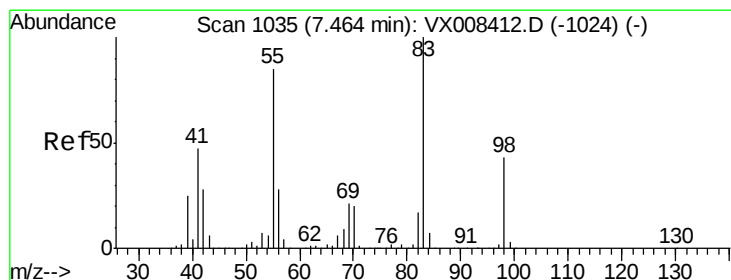
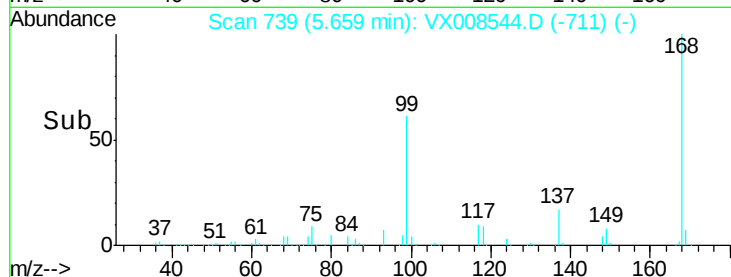
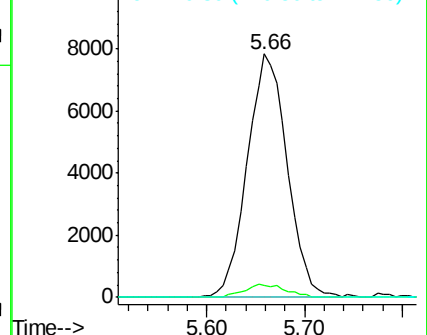
121 0.0 24.3 36.5#



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: 1.670 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

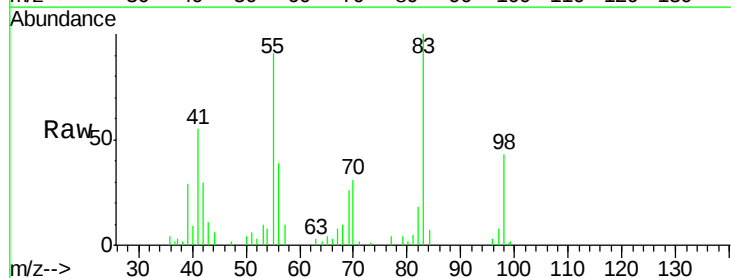
Tgt Ion: 83 Resp: 8145

Ion Ratio Lower Upper

83 100

55 89.1 68.2 102.4

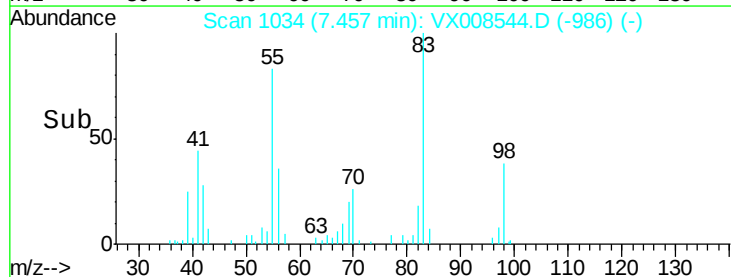
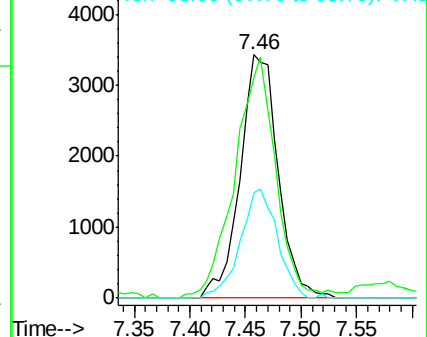
98 43.2 34.2 51.4

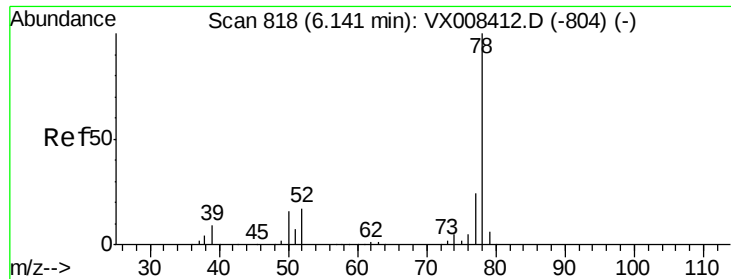


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.336 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

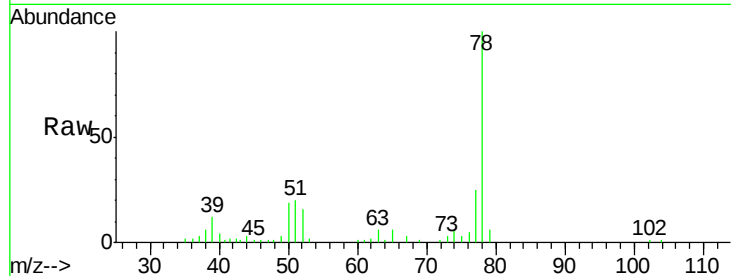
MW-11

Tgt Ion: 78 Resp: 16320

Ion Ratio Lower Upper

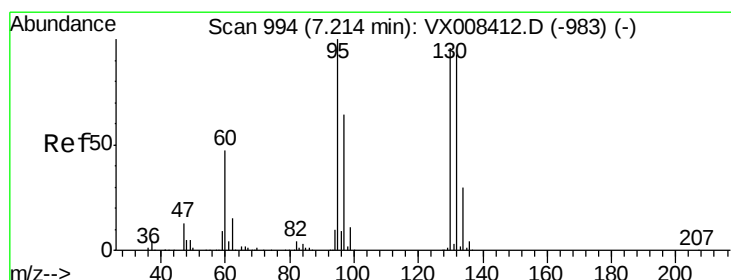
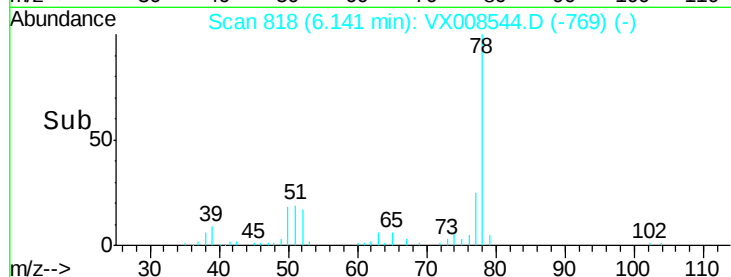
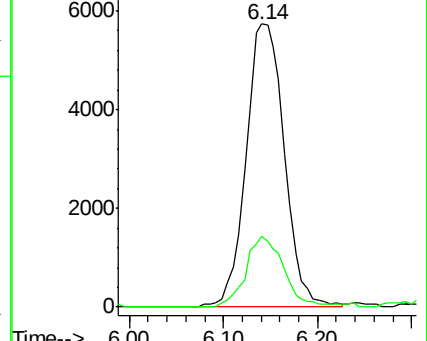
78 100

77 25.1 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#44

Trichloroethene

Concen: 0.501 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008544.D

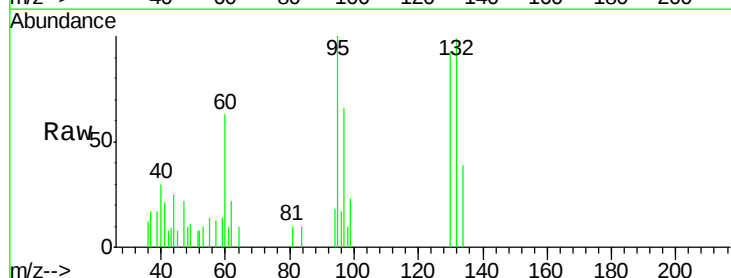
Acq: 29 Mar 2019 15:26

Tgt Ion:130 Resp: 1437

Ion Ratio Lower Upper

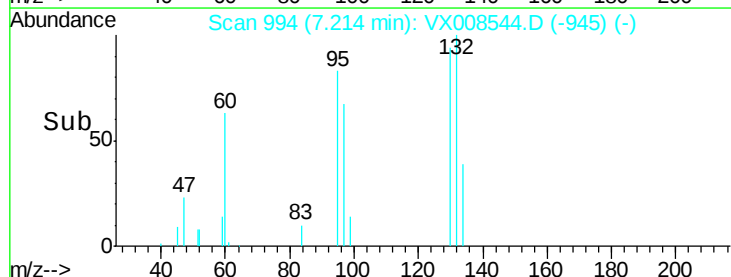
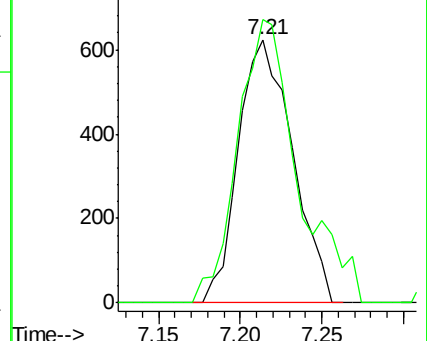
130 100

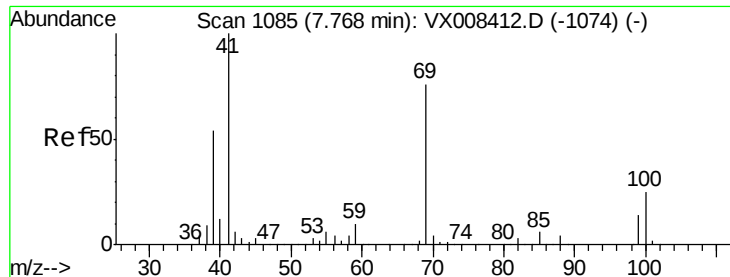
95 107.5 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

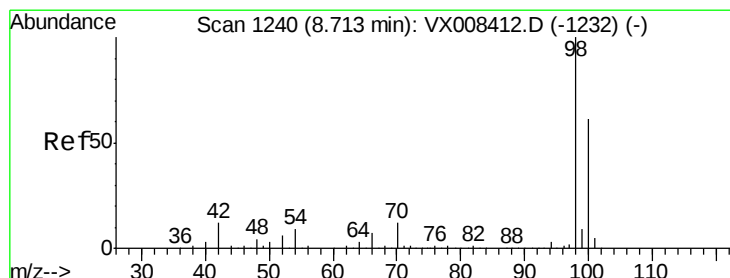
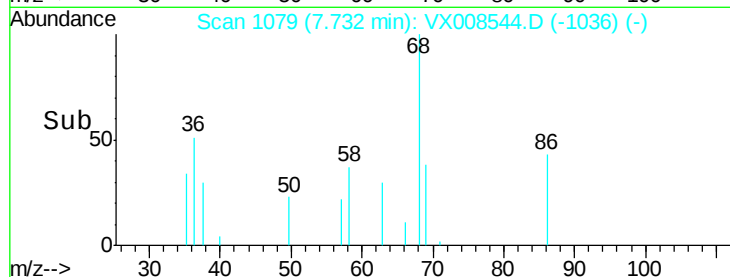
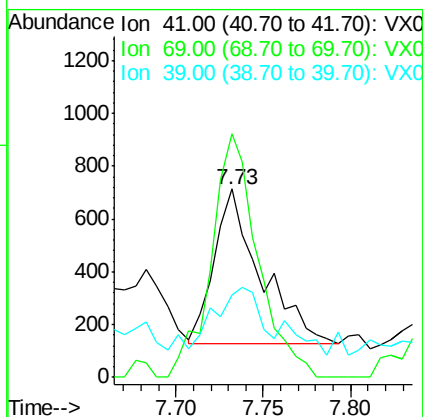
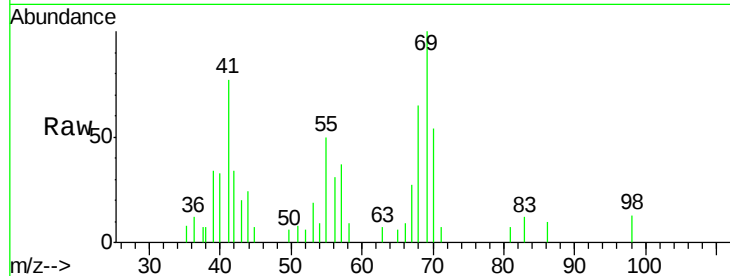




#48
Methyl methacrylate
Concen: 0.257 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

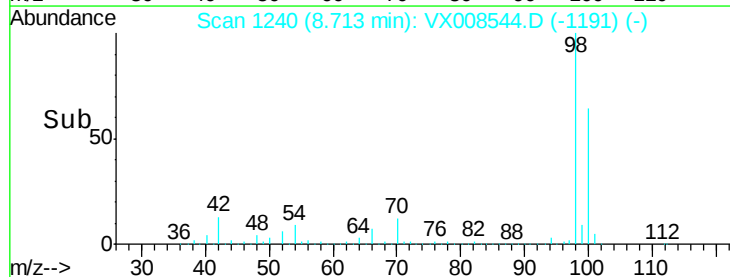
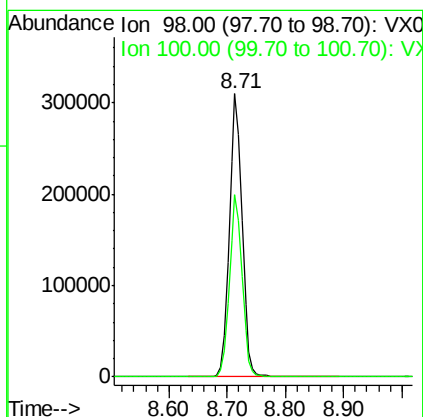
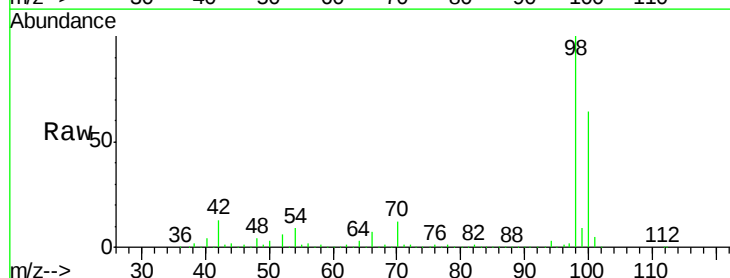
Instrument :
MSVOA_X
ClientSampled :
MW-11

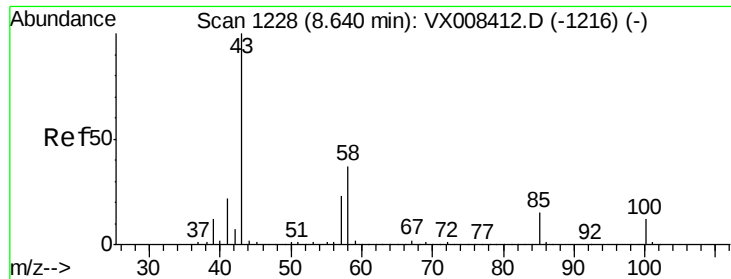
Tgt Ion: 41 Resp: 1086
Ion Ratio Lower Upper
41 100
69 156.8 60.8 91.2#
39 41.3 42.3 63.5#



#50
Toluene-d8
Concen: 47.742 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

Tgt Ion: 98 Resp: 476490
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7

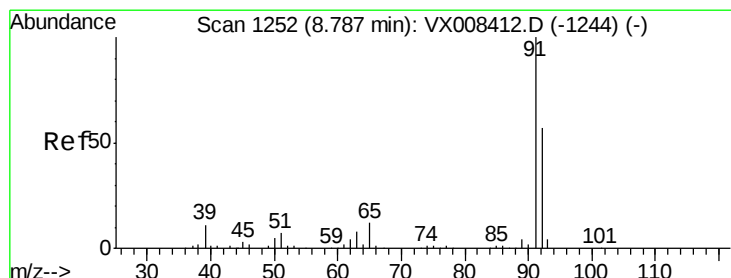
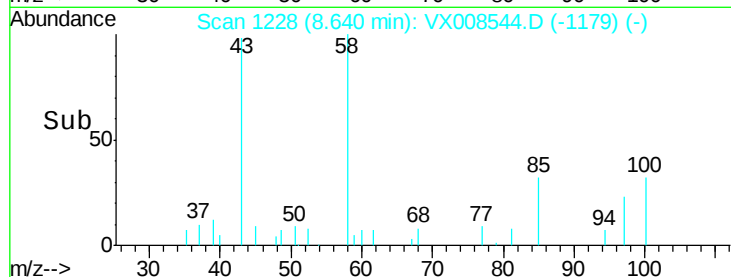
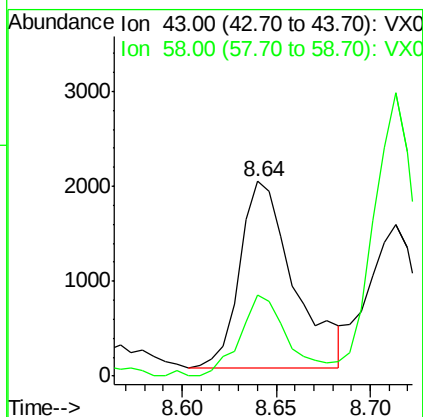
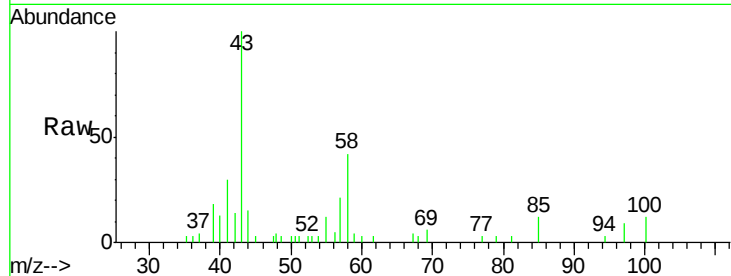




#51
4-Methyl-2-Pentanone
Concen: 0.714 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

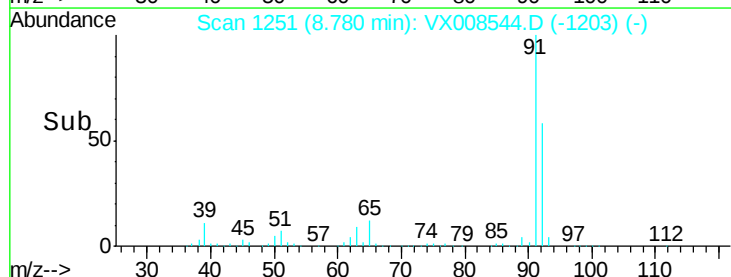
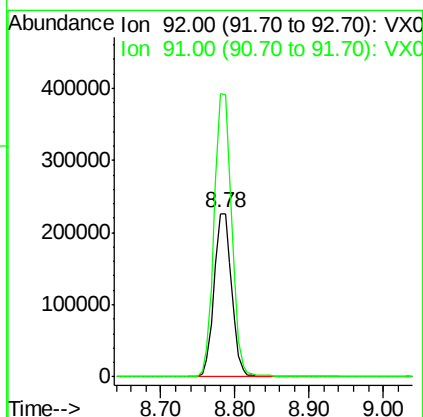
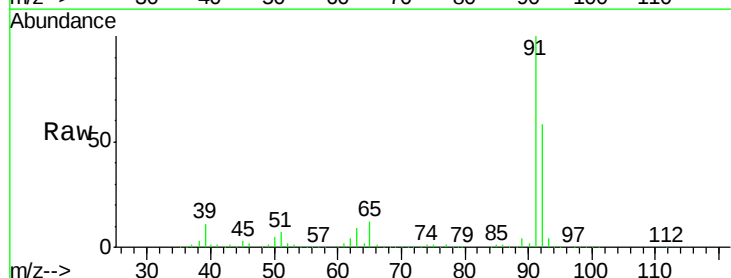
Instrument :
MSVOA_X
ClientSampleId :
MW-11

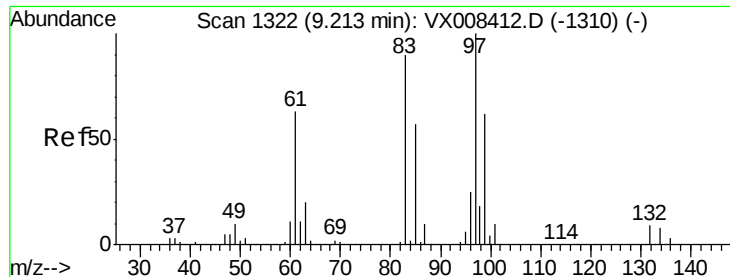
Tgt Ion: 43 Resp: 3924
Ion Ratio Lower Upper
43 100
58 38.5 29.8 44.8



#52
Toluene
Concen: 50.023 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

Tgt Ion: 92 Resp: 365465
Ion Ratio Lower Upper
92 100
91 173.8 140.2 210.4





#55

1,1,2-Trichloroethane

Concen: 0.938 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

MW-11

Tgt Ion: 97 Resp: 2790

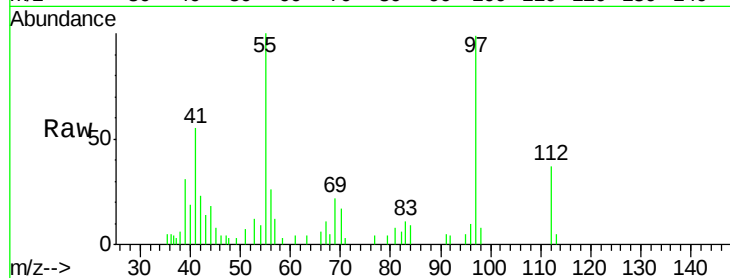
Ion Ratio Lower Upper

97 100

83 6.1 71.8 107.6#

85 0.0 45.9 68.9#

99 0.0 49.4 74.0#

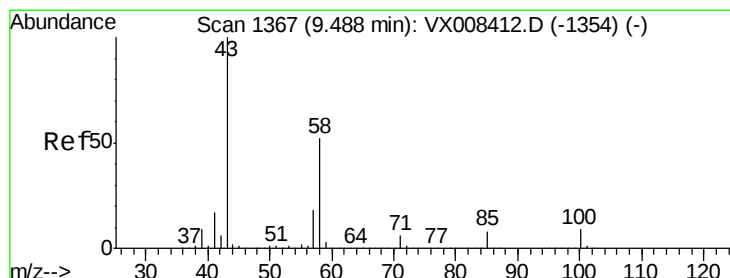
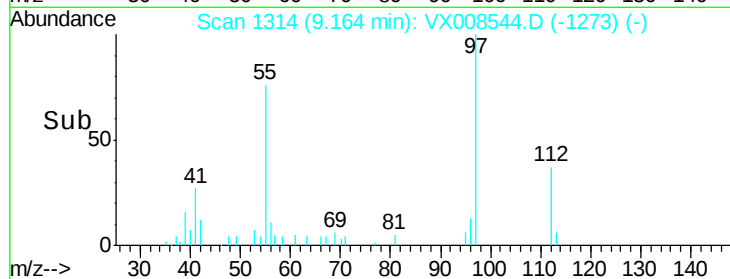
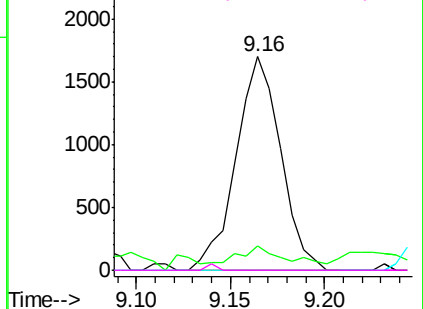


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#59

2-Hexanone

Concen: 0.561 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VX008544.D

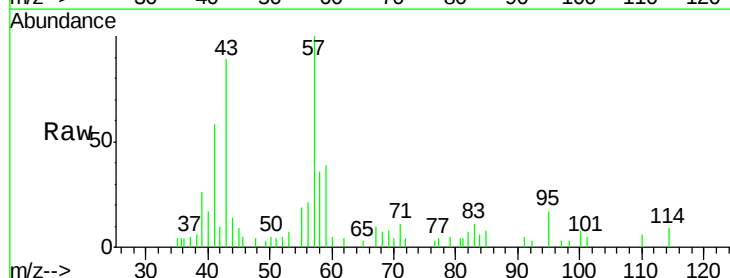
Acq: 29 Mar 2019 15:26

Tgt Ion: 43 Resp: 2388

Ion Ratio Lower Upper

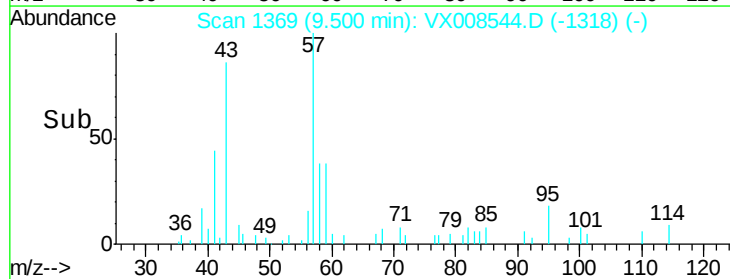
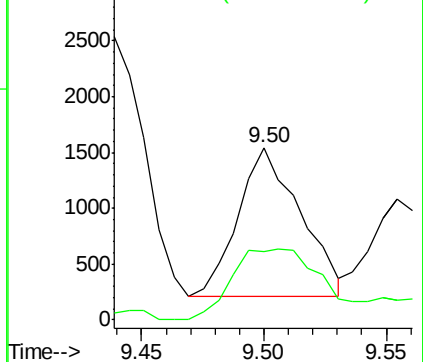
43 100

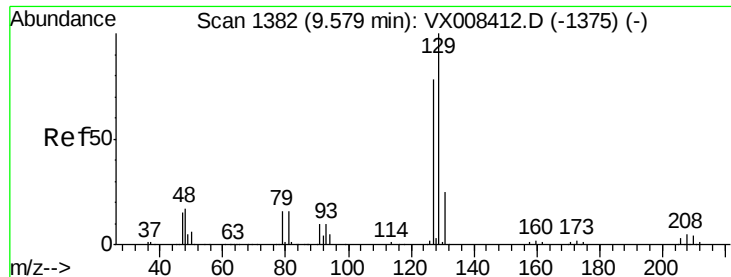
58 67.3 26.3 78.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 0.454 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. -0.25 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

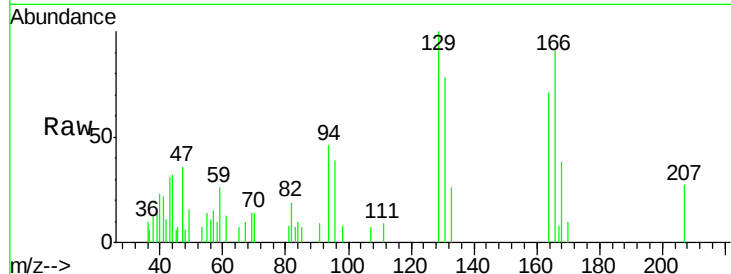
MW-11

Tgt Ion:129 Resp: 1285

Ion Ratio Lower Upper

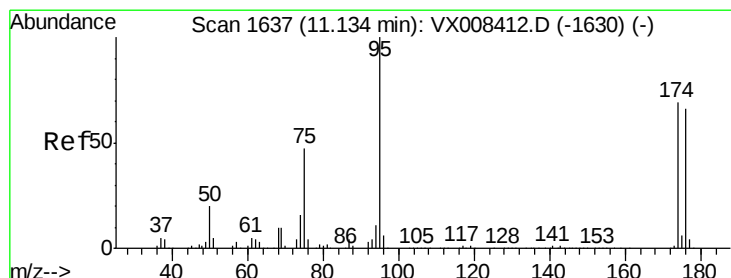
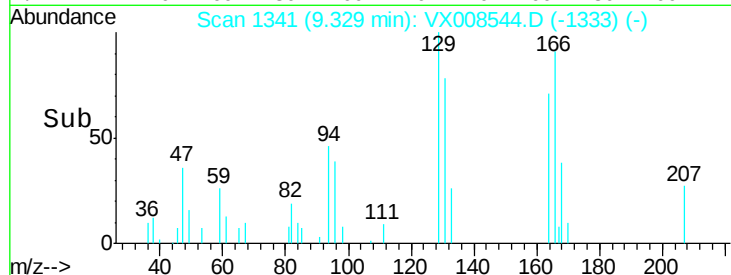
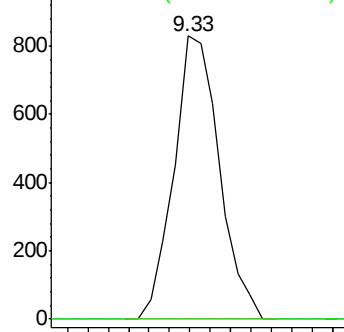
129 100

127 0.0 38.1 114.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 44.723 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

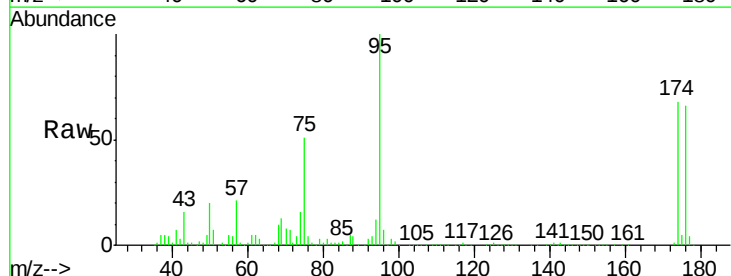
Tgt Ion: 95 Resp: 165405

Ion Ratio Lower Upper

95 100

174 73.0 0.0 147.2

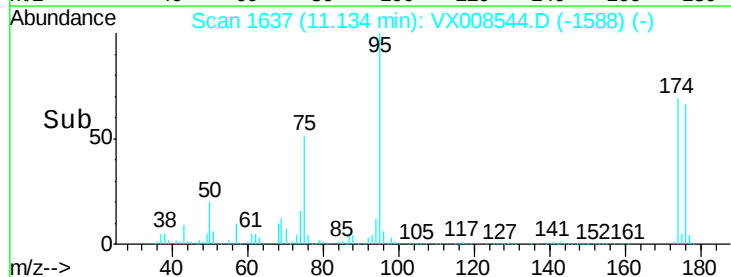
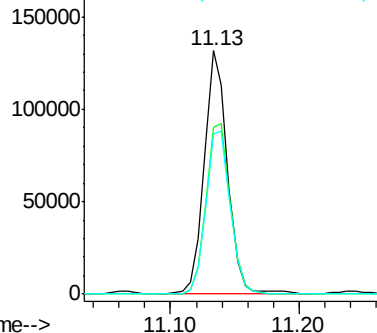
176 70.1 0.0 142.4

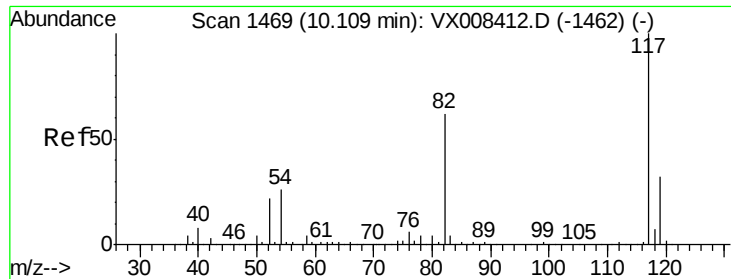


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

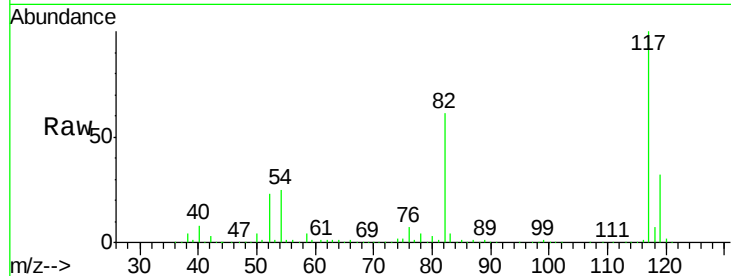




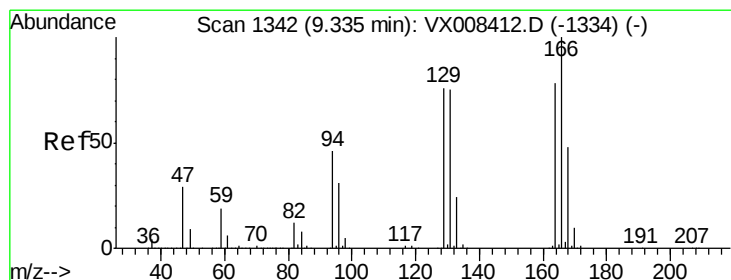
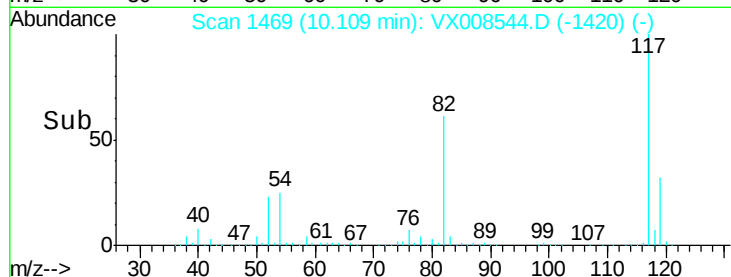
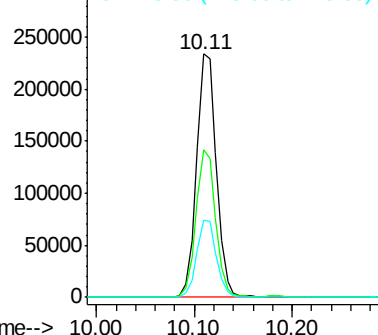
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

Instrument :
MSVOA_X
ClientSampleId :
MW-11

Tgt Ion:117 Resp: 328558
Ion Ratio Lower Upper
117 100
82 60.6 49.4 74.2
119 31.7 25.4 38.0



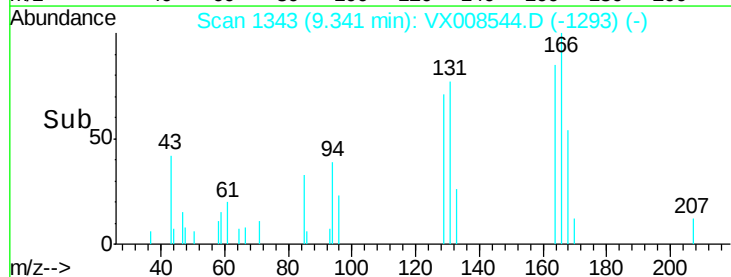
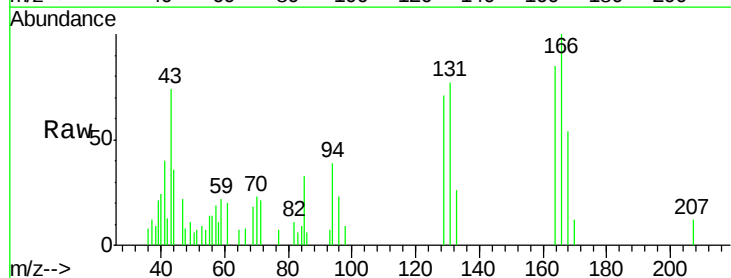
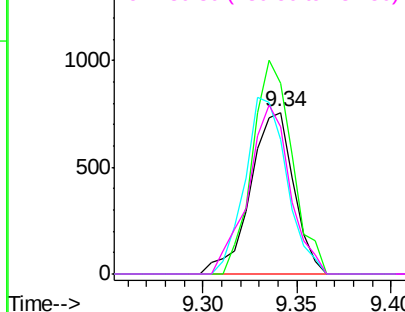
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

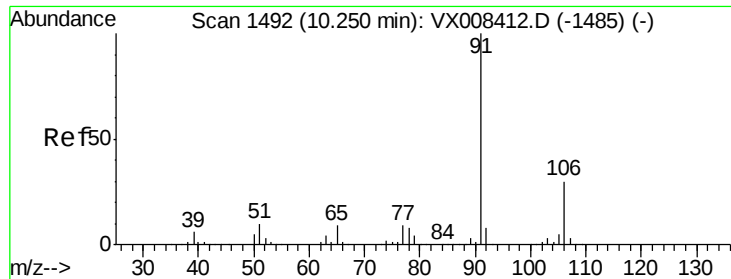


#64
Tetrachloroethene
Concen: 0.543 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

Tgt Ion:164 Resp: 1208
Ion Ratio Lower Upper
164 100
166 118.1 102.5 153.7
129 83.5 77.8 116.8
131 91.3 76.9 115.3

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





#67

Ethyl Benzene

Concen: 12.803 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

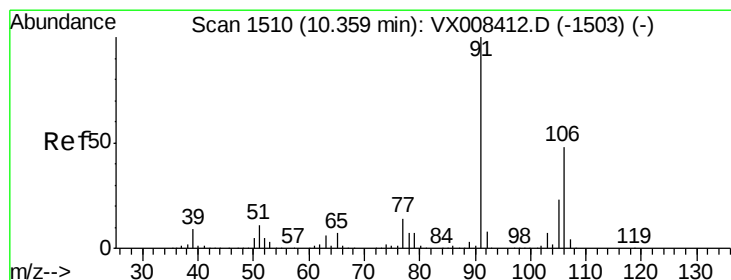
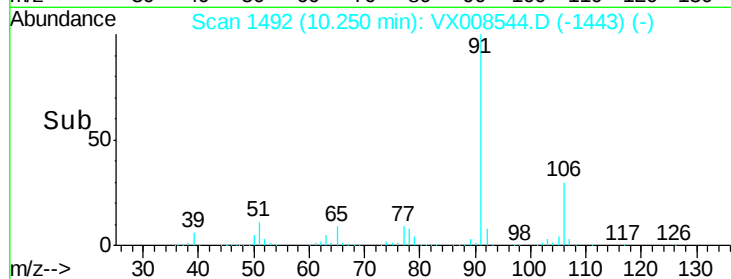
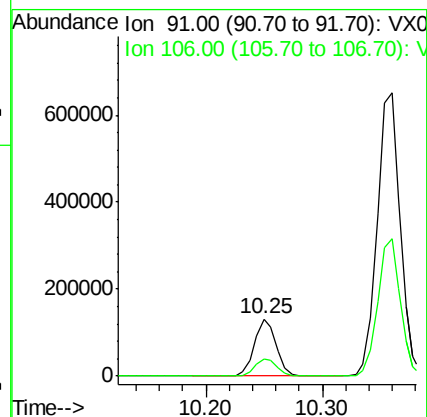
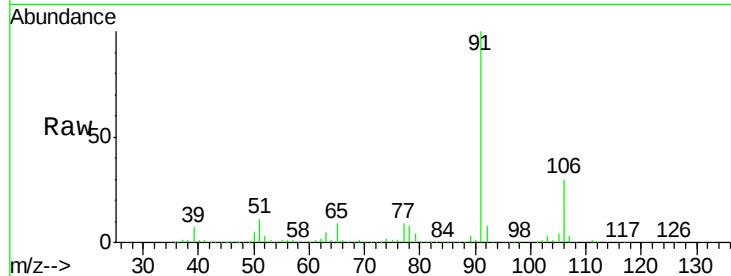
MW-11

Tgt Ion: 91 Resp: 172647

Ion Ratio Lower Upper

91 100

106 30.0 24.0 36.0



#68

m/p-Xylenes

Concen: 87.368 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008544.D

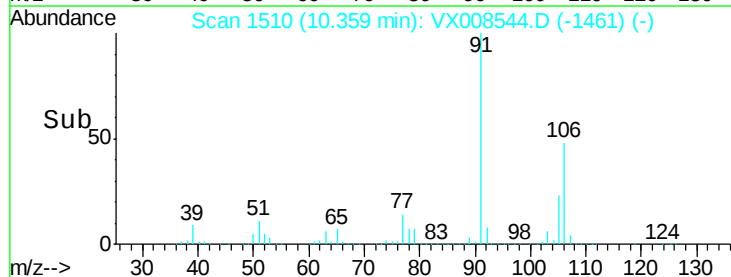
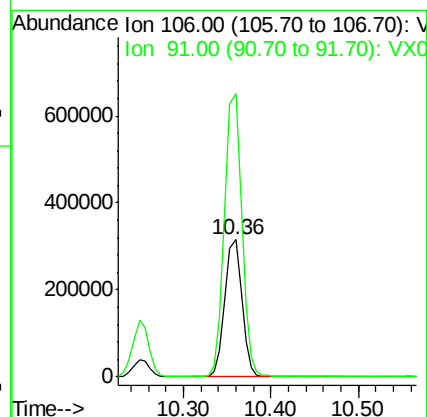
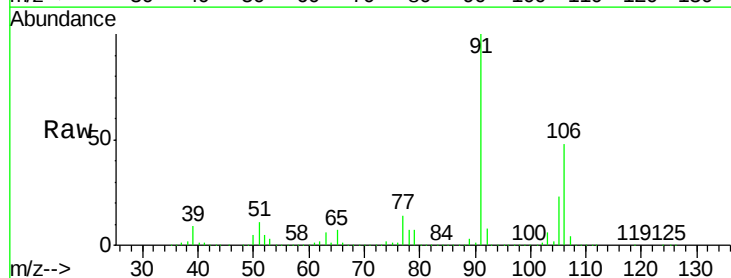
Acq: 29 Mar 2019 15:26

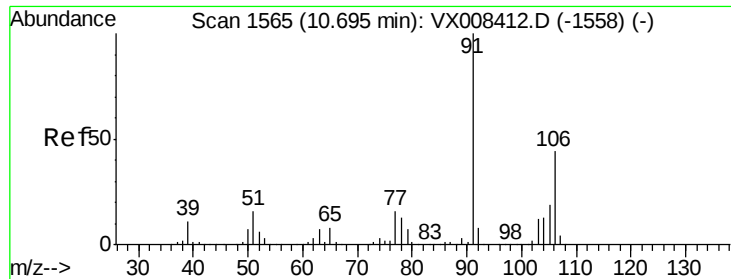
Tgt Ion: 106 Resp: 428607

Ion Ratio Lower Upper

106 100

91 209.6 168.6 253.0

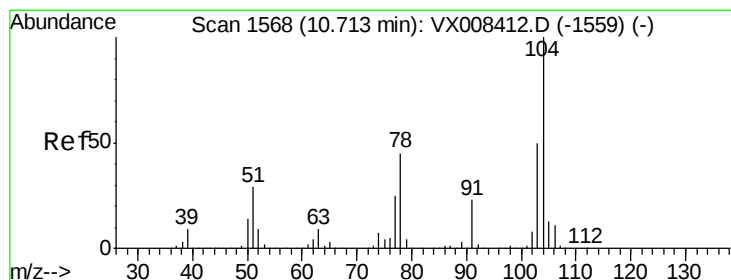
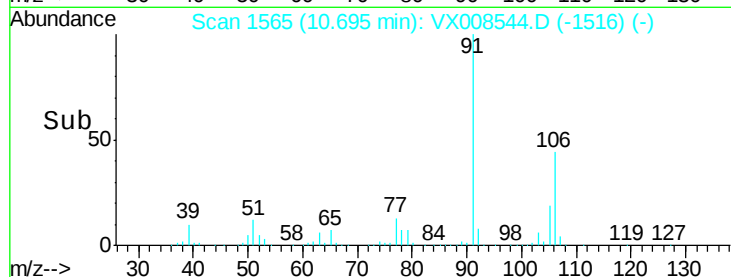
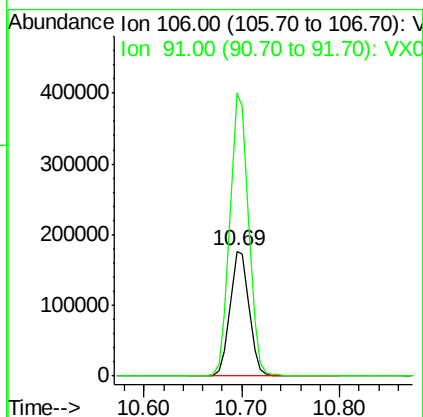
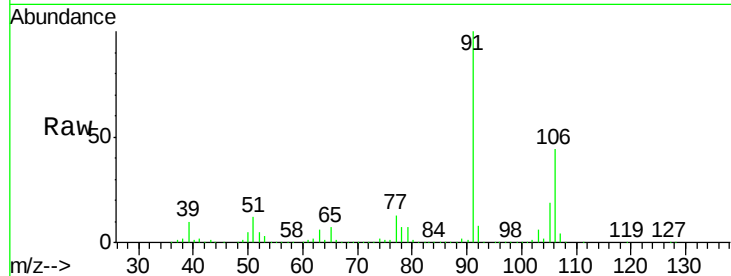




#69
o-Xylene
Concen: 50.159 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

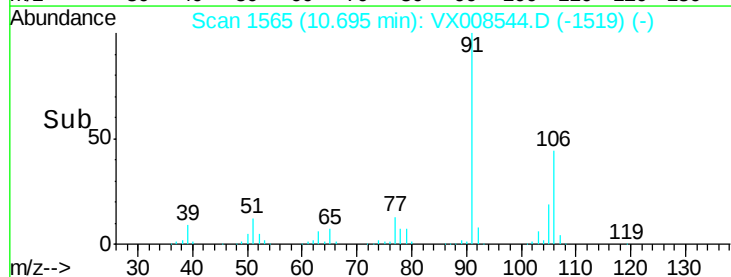
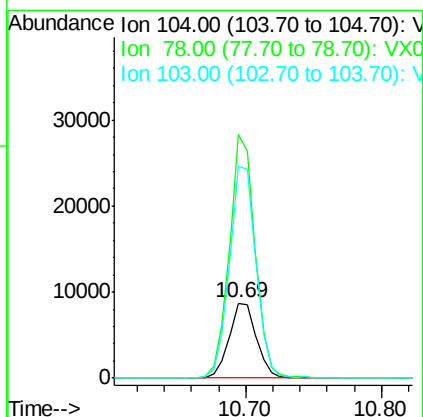
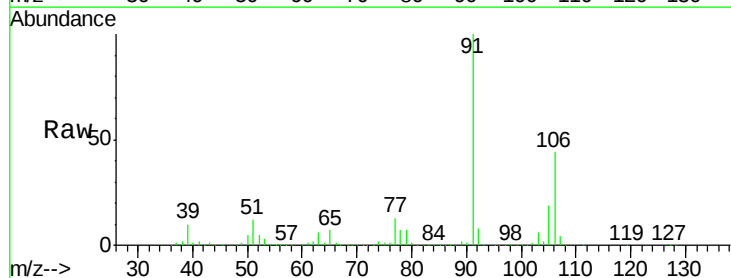
Instrument :
MSVOA_X
ClientSampled :
MW-11

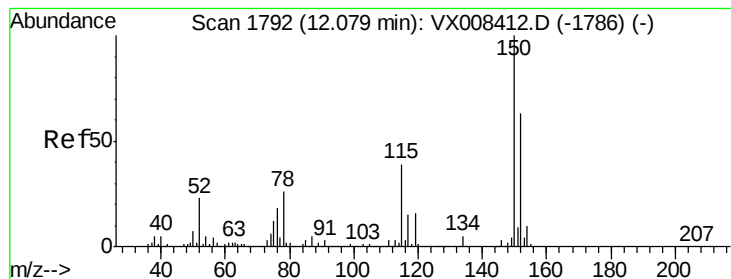
Tgt Ion:106 Resp: 238793
Ion Ratio Lower Upper
106 100
91 223.1 111.4 334.2



#70
Styrene
Concen: 1.489 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

Tgt Ion:104 Resp: 12241
Ion Ratio Lower Upper
104 100
78 305.5 42.5 63.7#
103 273.7 44.2 66.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

MW-11

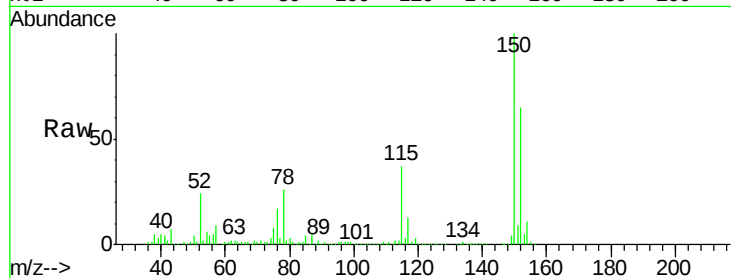
Tgt Ion:152 Resp: 139442

Ion Ratio Lower Upper

152 100

115 62.6 43.5 130.5

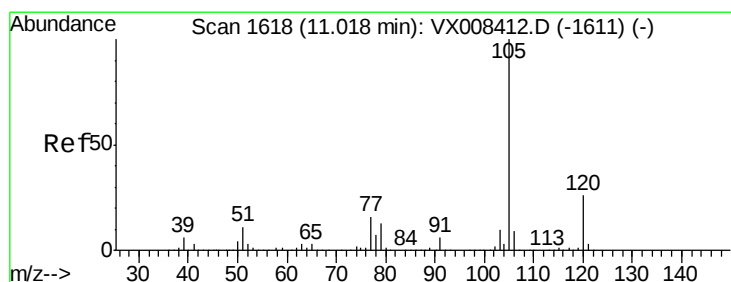
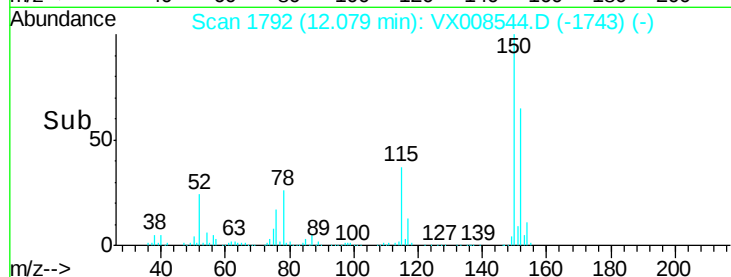
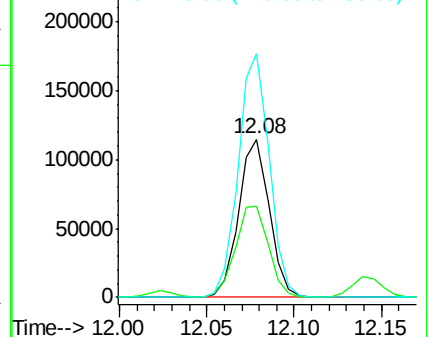
150 156.5 0.0 348.8



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: 1.679 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008544.D

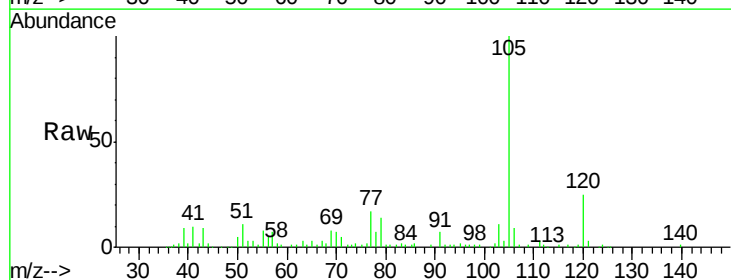
Acq: 29 Mar 2019 15:26

Tgt Ion:105 Resp: 19048

Ion Ratio Lower Upper

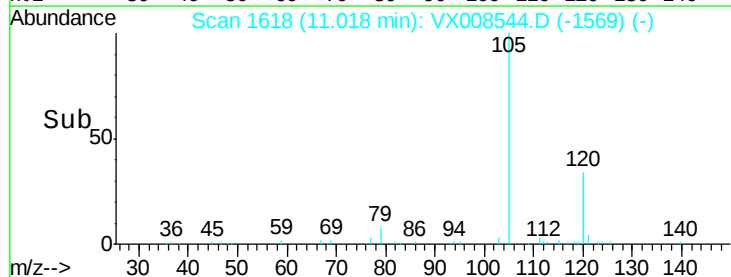
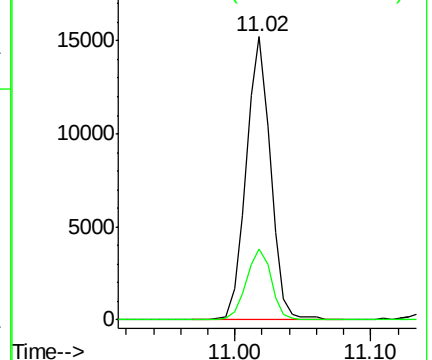
105 100

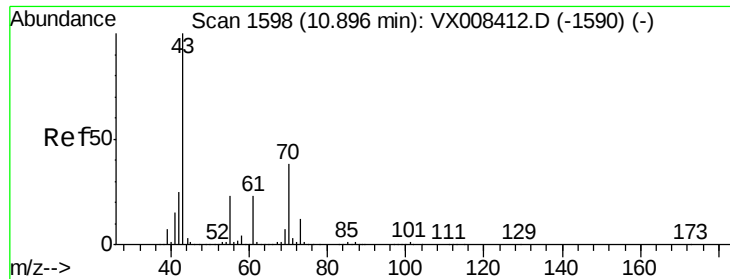
120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.337 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

MW-11

Tgt Ion: 43 Resp: 2214

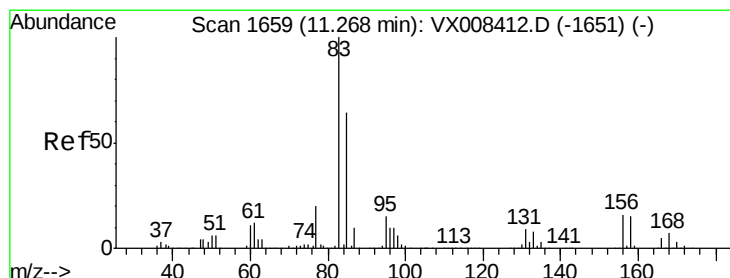
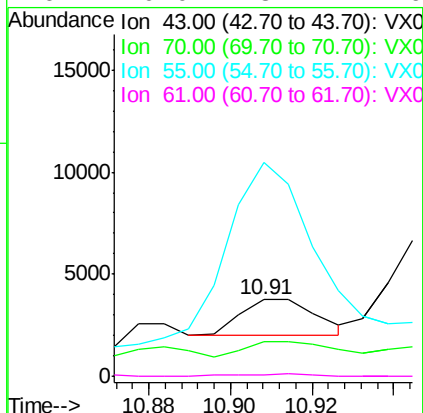
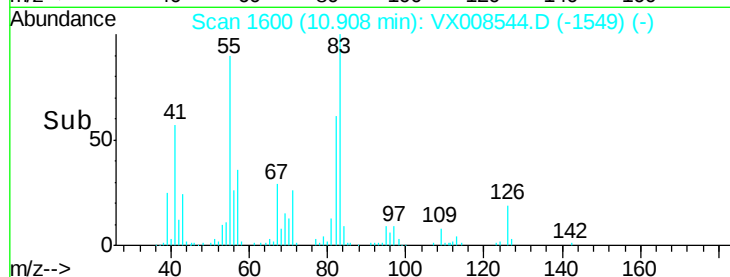
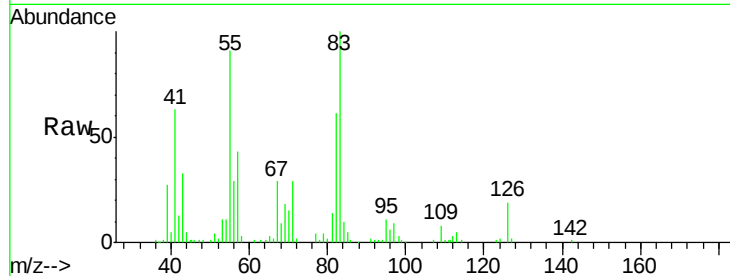
Ion Ratio Lower Upper

43 100

70 49.2 30.5 45.7#

55 898.6 18.2 27.2#

61 0.0 18.4 27.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.585 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

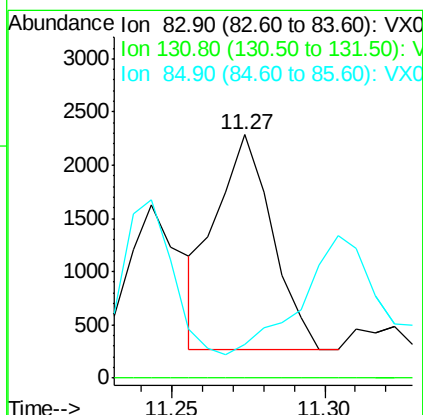
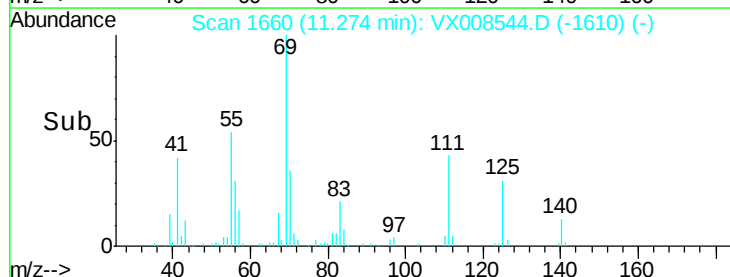
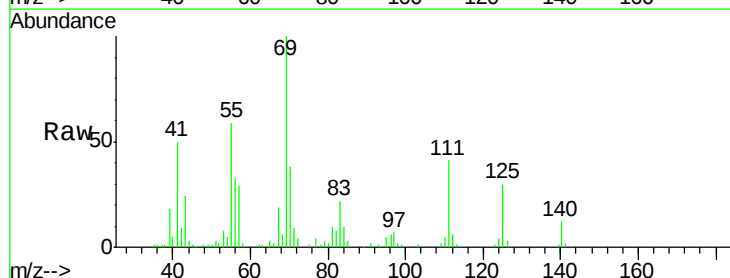
Tgt Ion: 83 Resp: 2573

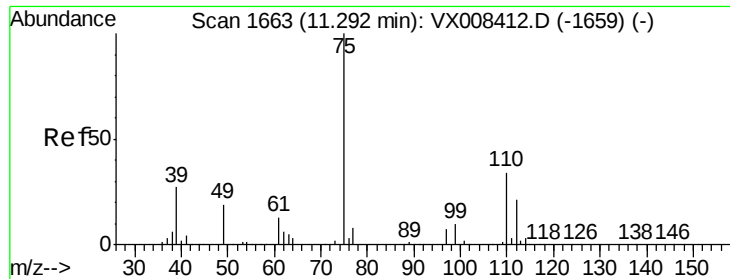
Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.4#

85 0.0 31.9 95.9#

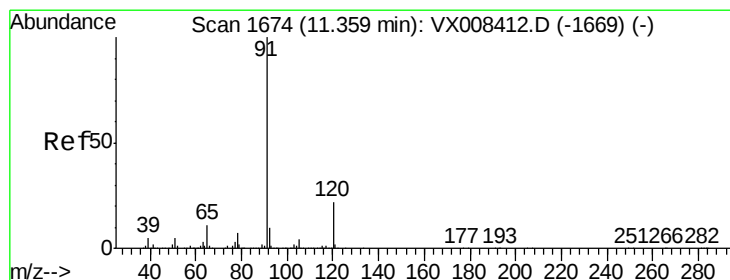
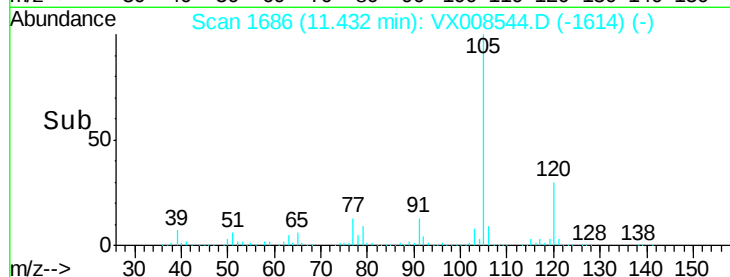
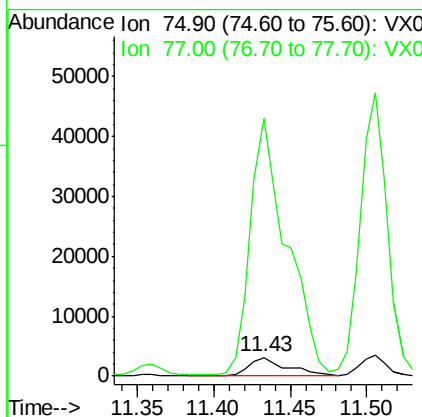
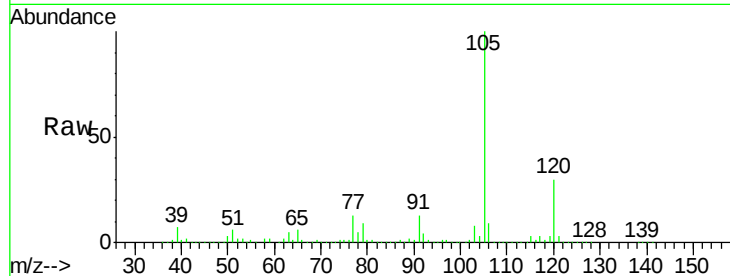




#76
1,2,3-Trichloropropane
Concen: 1.331 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.14 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

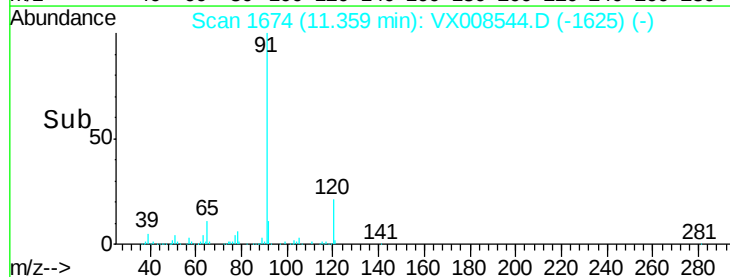
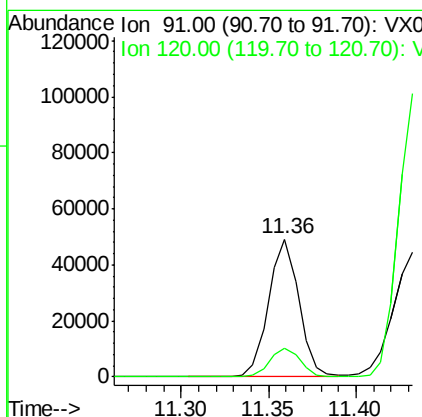
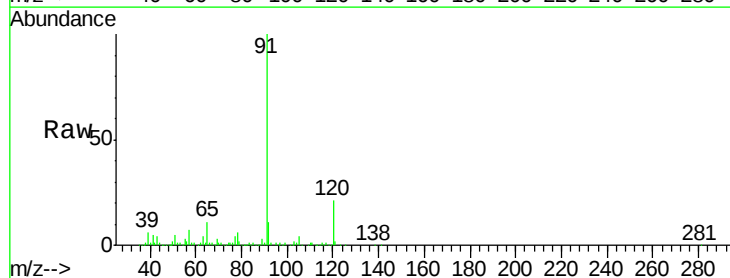
Instrument :
MSVOA_X
ClientSampled :
MW-11

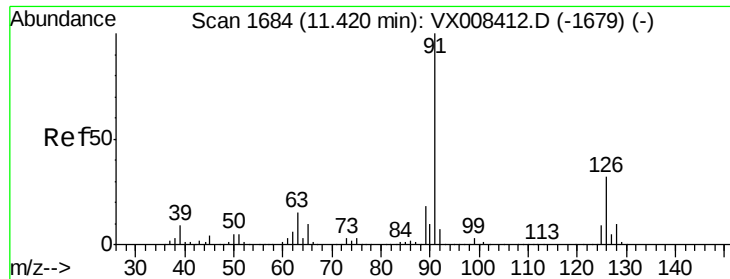
Tgt Ion: 75 Resp: 5519
Ion Ratio Lower Upper
75 100
77 1281.6 21.9 65.7#



#78
n-propylbenzene
Concen: 4.425 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

Tgt Ion: 91 Resp: 58808
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.4

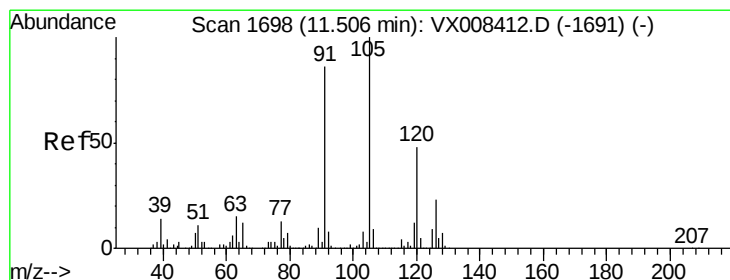
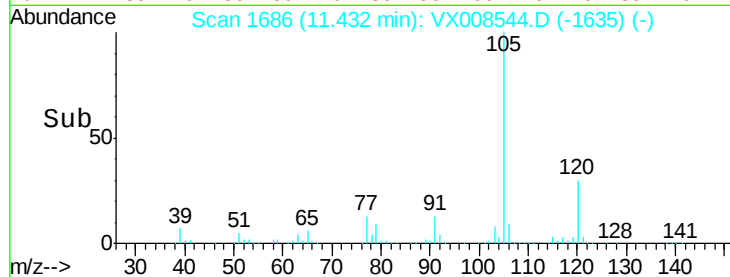
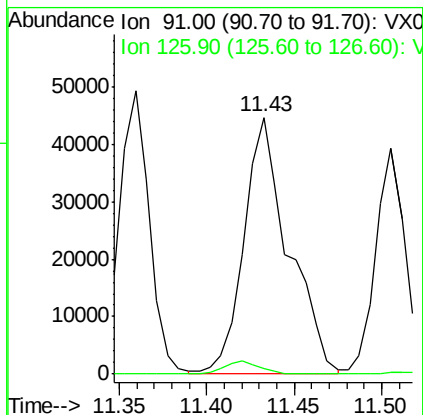
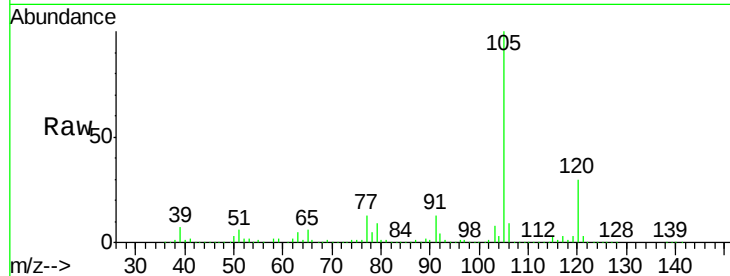




#79
 2-Chlorotoluene
 Concen: 9.744 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX008544.D
 Acq: 29 Mar 2019 15:26

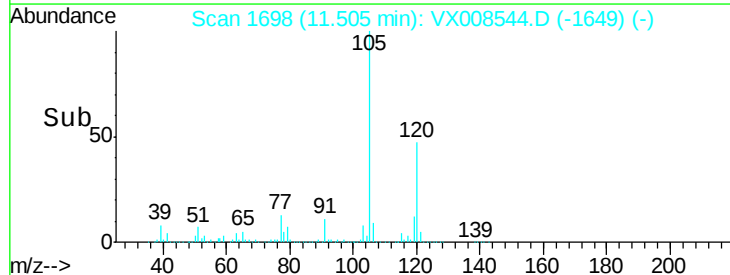
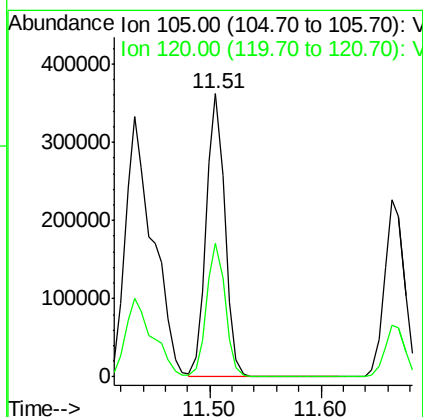
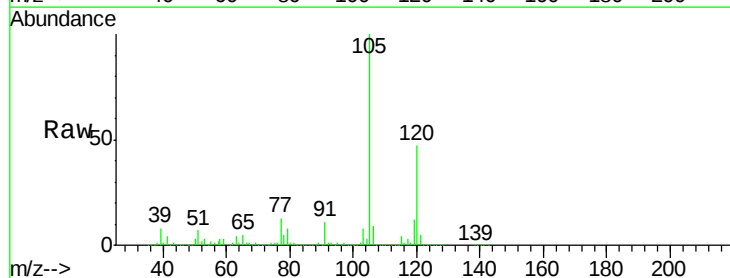
Instrument :
 MSVOA_X
 ClientSampled :
 MW-11

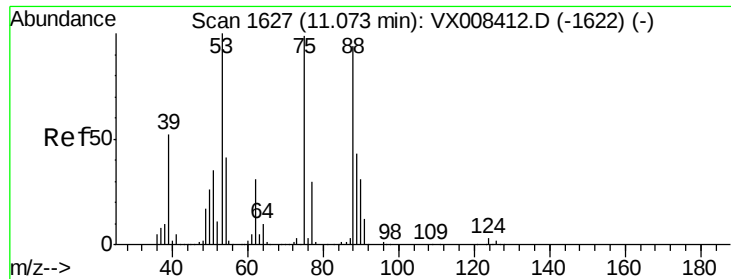
Tgt Ion: 91 Resp: 78757
 Ion Ratio Lower Upper
 91 100
 126 4.2 15.7 47.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 43.873 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008544.D
 Acq: 29 Mar 2019 15:26

Tgt Ion: 105 Resp: 420769
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.3

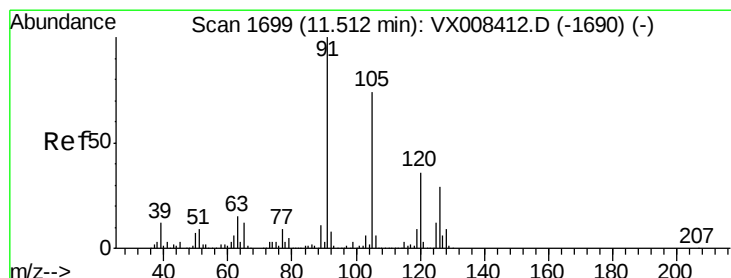
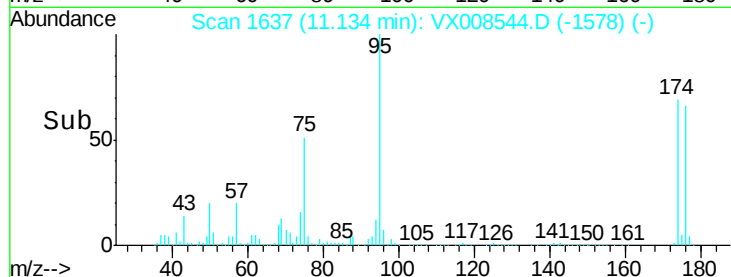
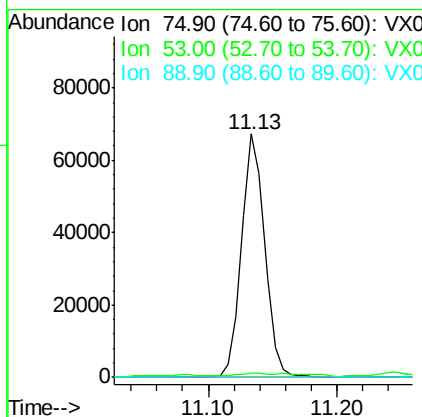
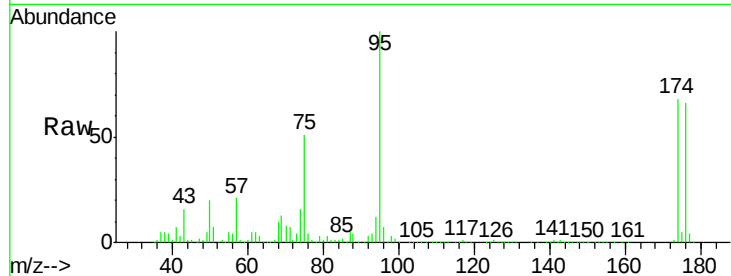




#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.510 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008544.D
 Acq: 29 Mar 2019 15:26

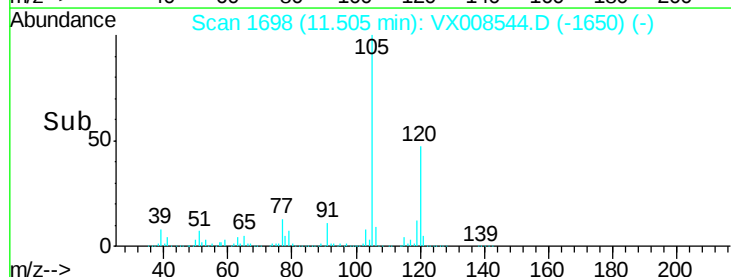
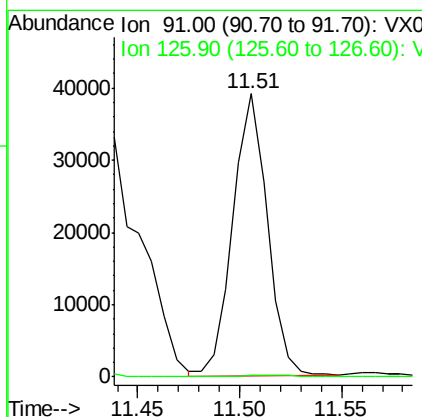
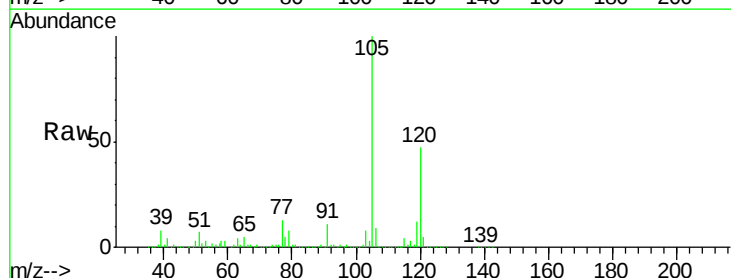
Instrument :
 MSVOA_X
 ClientSampled :
 MW-11

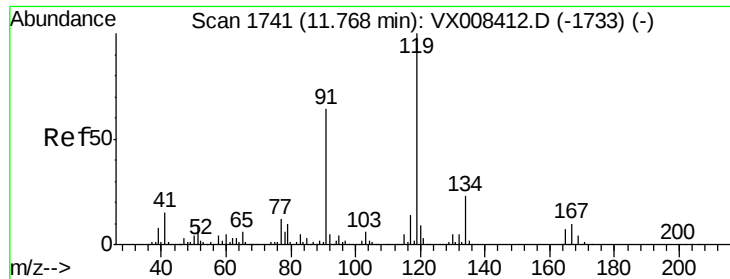
Tgt Ion: 75 Resp: 83496
 Ion Ratio Lower Upper
 75 100
 53 1.1 82.1 123.1#
 89 0.0 34.6 52.0#



#82
 4-Chlorotoluene
 Concen: 4.888 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: VX008544.D
 Acq: 29 Mar 2019 15:26

Tgt Ion: 91 Resp: 45573
 Ion Ratio Lower Upper
 91 100
 126 1.6 13.9 41.7#

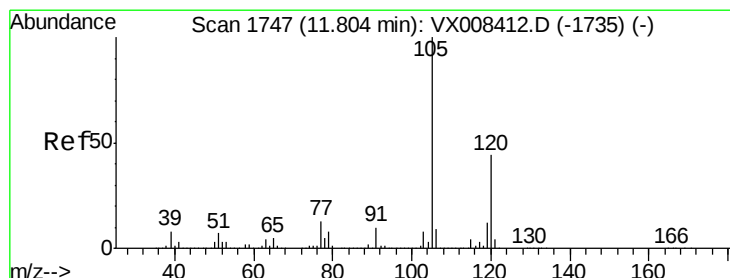
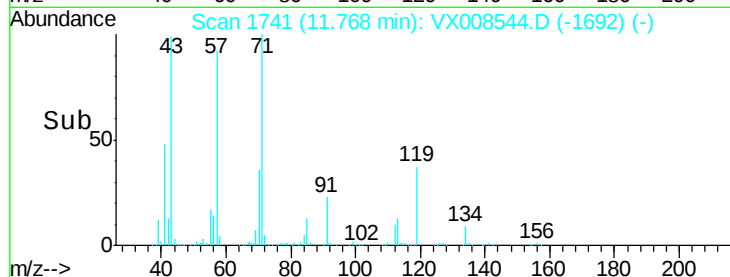
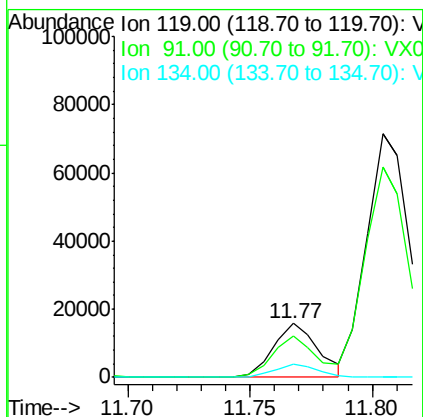
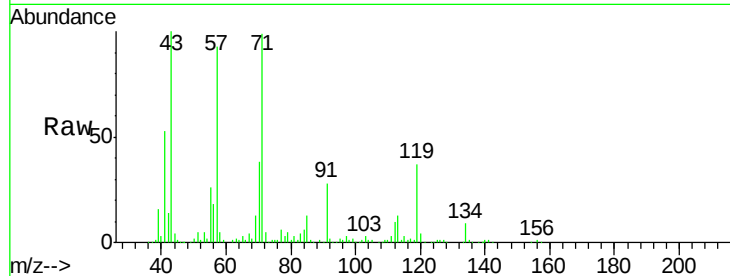




#83
tert-Butylbenzene
Concen: 2.193 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

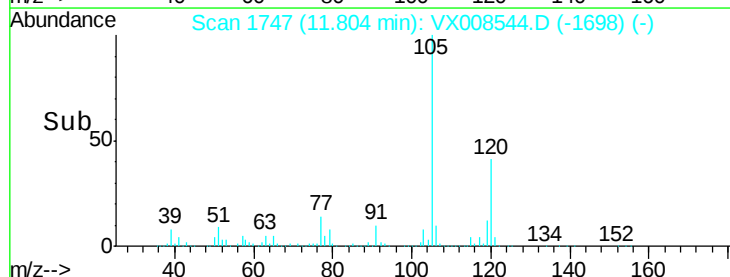
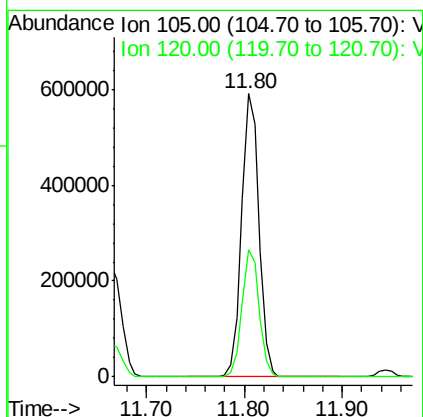
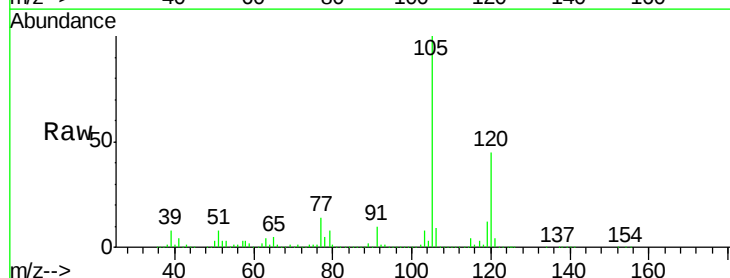
Instrument :
MSVOA_X
ClientSampleId :
MW-11

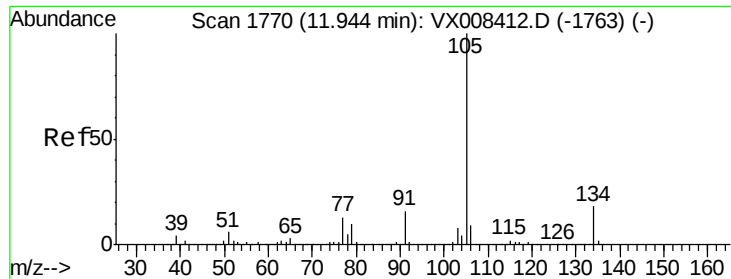
Tgt Ion:119 Resp: 20295
Ion Ratio Lower Upper
119 100
91 72.5 30.1 90.3
134 23.5 10.9 32.9



#84
1,2,4-Trimethylbenzene
Concen: 74.832 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

Tgt Ion:105 Resp: 725914
Ion Ratio Lower Upper
105 100
120 44.8 21.6 65.0





#85

sec-Butylbenzene

Concen: 65.854 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

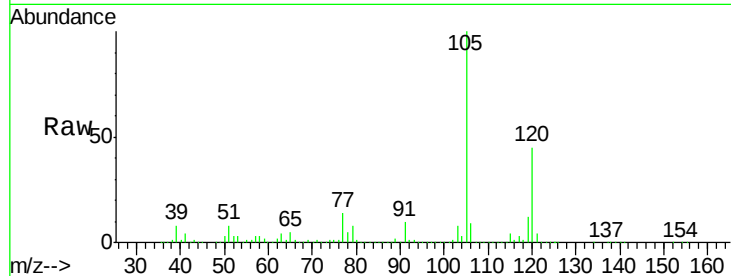
MW-11

Tgt Ion:105 Resp: 725654

Ion Ratio Lower Upper

105 100

134 0.0 9.3 28.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.80

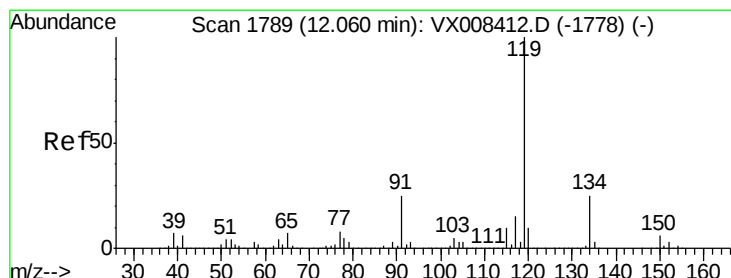
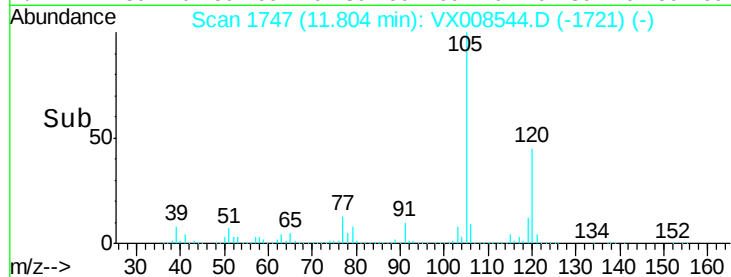
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 4.631 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008544.D

Acq: 29 Mar 2019 15:26

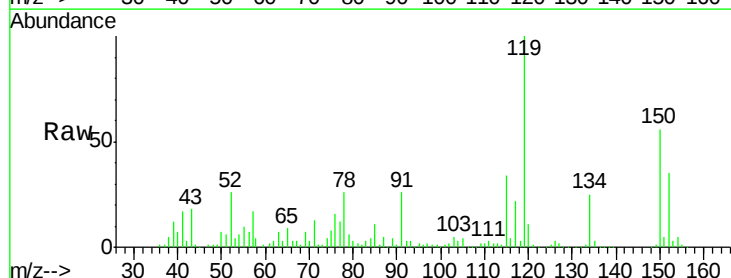
Tgt Ion:119 Resp: 45031

Ion Ratio Lower Upper

119 100

134 26.2 12.8 38.4

91 25.6 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

80000

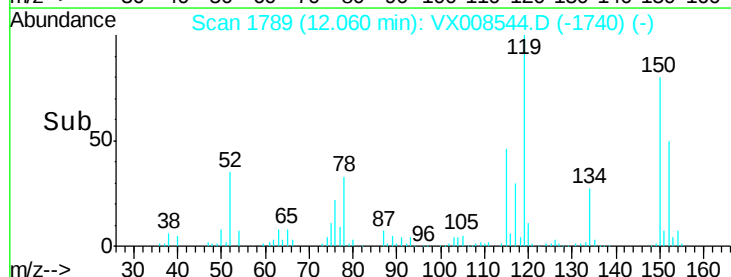
60000

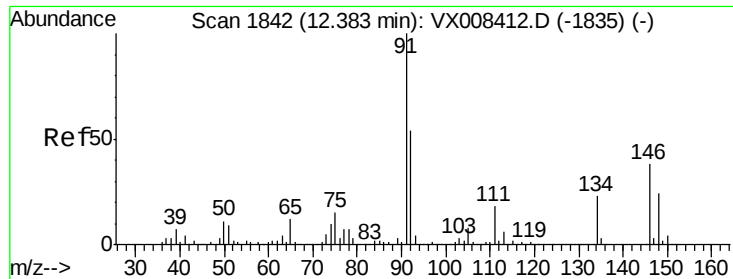
40000

20000

0

Time-->

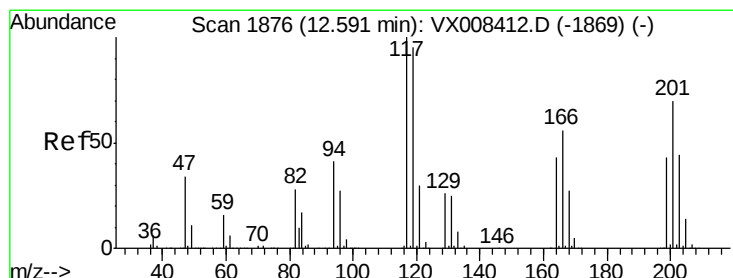
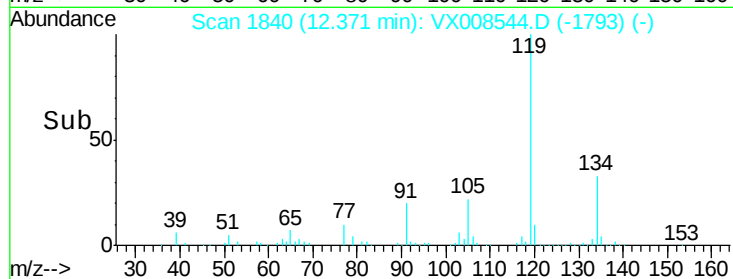
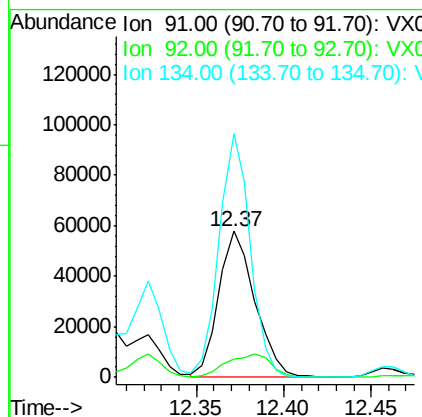
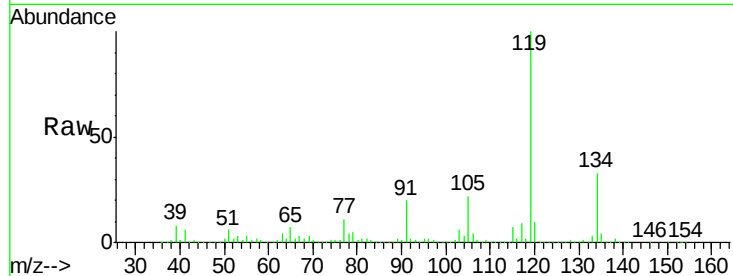




#89
n-Butylbenzene
Concen: 8.981 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

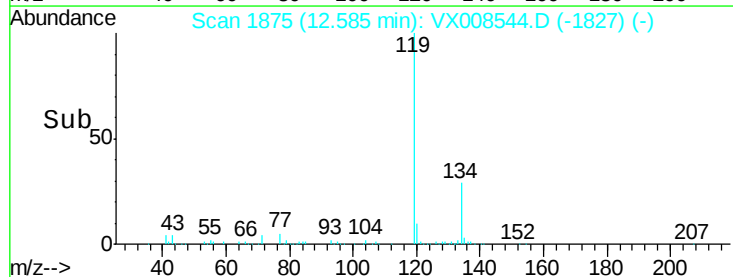
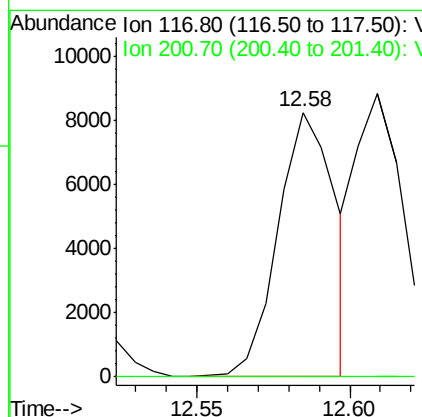
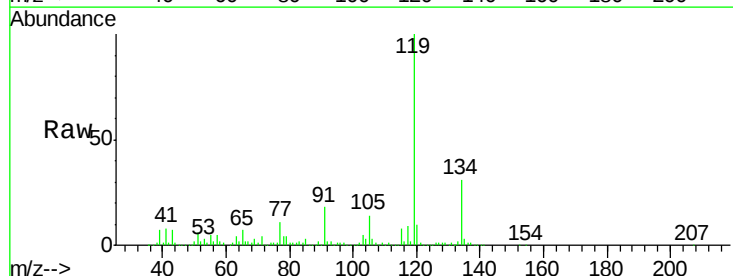
Instrument :
MSVOA_X
ClientSampleId :
MW-11

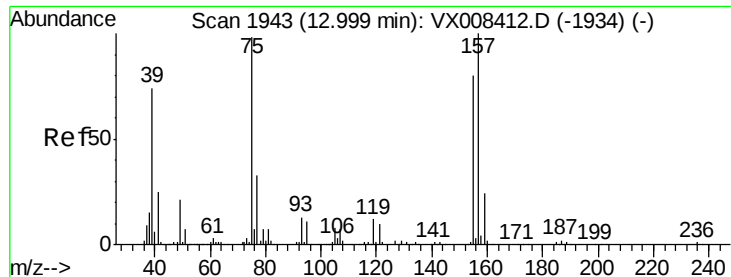
Tgt Ion: 91 Resp: 82720
Ion Ratio Lower Upper
91 100
92 19.9 26.5 79.5#
134 144.1 11.8 35.4#



#90
Hexachloroethane
Concen: 6.636 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX008544.D
Acq: 29 Mar 2019 15:26

Tgt Ion: 117 Resp: 10750
Ion Ratio Lower Upper
117 100
201 0.0 39.4 118.1#

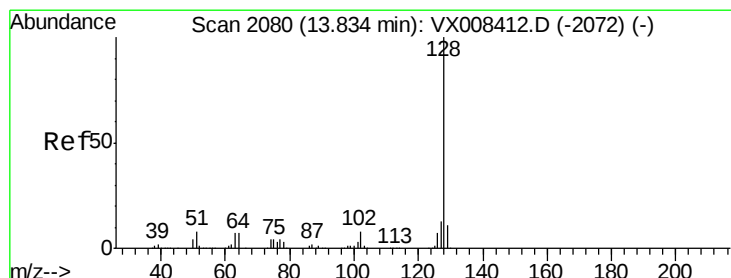
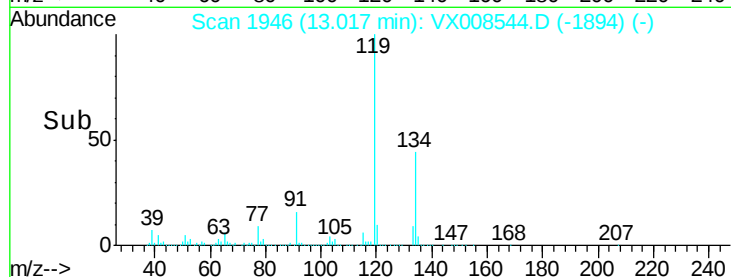
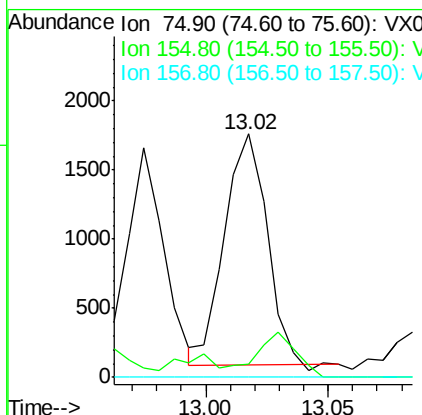
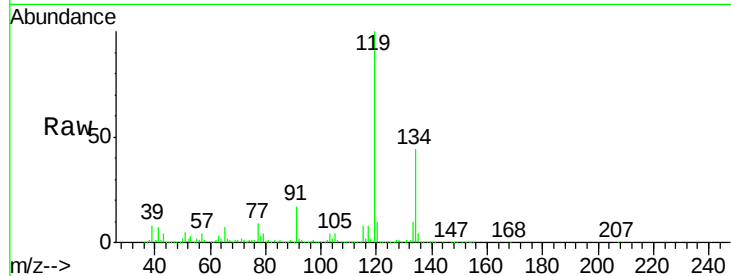




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.089 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX008544.D
 Acq: 29 Mar 2019 15:26

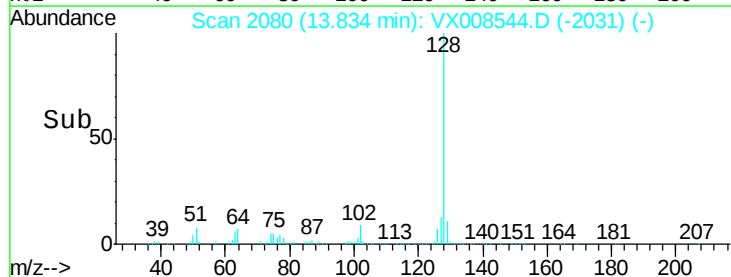
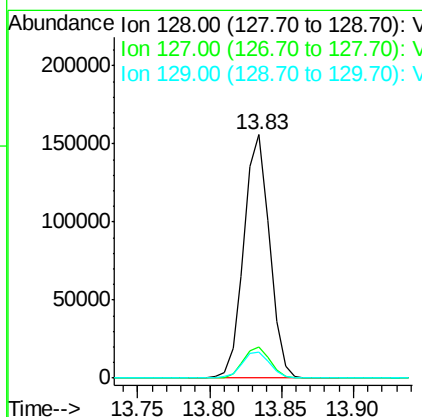
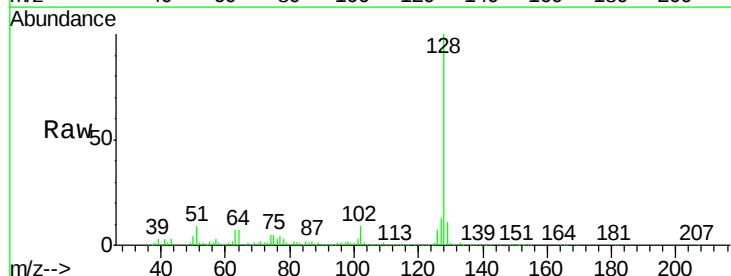
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

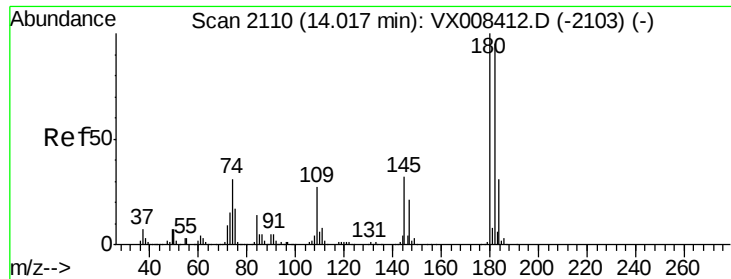
Tgt Ion: 75 Resp: 2005
 Ion Ratio Lower Upper
 75 100
 155 19.1 39.5 118.5#
 157 0.0 49.9 149.7#



#95
 Naphthalene
 Concen: 16.952 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX008544.D
 Acq: 29 Mar 2019 15:26

Tgt Ion: 128 Resp: 192764
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.4 15.6
 129 11.6 8.7 13.1

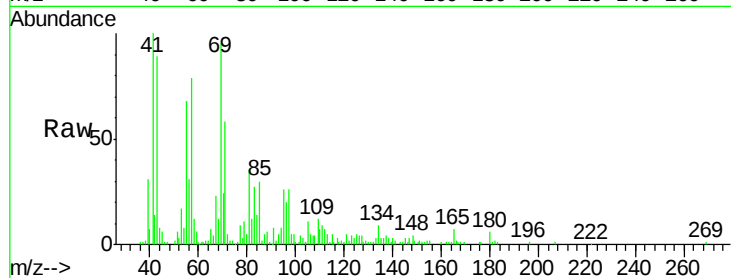




#96
 1,2,3-Trichlorobenzene
 Concen: 0.278 ug/l
 RT: 14.18 min Scan# 2136
 Delta R.T. 0.16 min
 Lab File: VX008544.D
 Acq: 29 Mar 2019 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Tgt Ion:180 Resp: 925
 Ion Ratio Lower Upper
 180 100
 182 59.1 47.3 142.0
 145 41.8 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

