

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032619\
 Data File : VX008467.D
 Acq On : 26 Mar 2019 20:17
 Operator : JC/SP
 Sample : K2089-02DL 200X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107DL

Quant Time: Mar 27 01:55:48 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	5.66	168	238884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	404230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149096	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	166324	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	
35) Dibromofluoromethane	5.49	113	123739	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
50) Toluene-d8	8.71	98	507369	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.13	95	172348	44.13	ug/l	0.00
Spiked Amount			Recovery	=	88.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	325	Below Cal	#	38
5) Bromomethane	1.64	94	290	1.943	ug/l	89
6) Chloroethane	1.62	64	4205	1.805	ug/l #	54
10) Methyl Iodide	2.52	142	19	4.136	ug/l #	42
11) Tert butyl alcohol	3.03	59	204	0.254	ug/l #	72
13) Acrolein	2.26	56	3227	5.538	ug/l #	1
14) Allyl chloride	2.81	41	7412	1.211	ug/l #	26
15) Acrylonitrile	3.15	53	800	0.380	ug/l #	53
16) Acetone	2.45	43	1414	0.747	ug/l #	65
17) Carbon Disulfide	2.57	76	1758	Below Cal	#	80
18) Methyl Acetate	2.76	43	1405	0.309	ug/l #	59
19) Methyl tert-butyl Ether	3.20	73	3221	0.322	ug/l #	5
20) Methylene Chloride	2.85	84	457	Below Cal	#	83
21) trans-1,2-Dichloroethene	3.17	96	196	Below Cal		80
25) 2-Butanone	4.68	43	1397	0.460	ug/l #	42
31) Cyclohexane	5.58	56	5204	0.896	ug/l	97
36) 1,1-Dichloropropene	5.66	75	20149	4.675	ug/l #	51
38) Carbon Tetrachloride	5.66	117	23615	6.565	ug/l #	15
40) Benzene	6.14	78	632942	49.054	ug/l	99
42) 1,2-Dichloroethane	6.20	62	4535	0.960	ug/l	93
49) 1,4-Dioxane	7.49	88	19	0.214	ug/l #	1
52) Toluene	8.78	92	800140	103.711	ug/l	99
53) t-1,3-Dichloropropene	8.78	75	9508	2.118	ug/l #	1
61) 1,2-Dibromoethane	9.67	107	3351	1.046	ug/l	96
67) Ethyl Benzene	10.25	91	56048	3.933	ug/l	97
68) m/p-Xylenes	10.35	106	152684	29.448	ug/l	100
69) o-Xylene	10.69	106	65481	13.014	ug/l	99
70) Styrene	10.69	104	3499	0.403	ug/l #	1
73) Isopropylbenzene	11.02	105	4381	0.361	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	87359	19.709	ug/l #	34
78) n-propylbenzene	11.36	91	6530	0.460	ug/l	95
79) 2-Chlorotoluene	11.43	91	8634	0.999	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.51	105	20088	1.959	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	87359	63.124	ug/l #	9

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Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

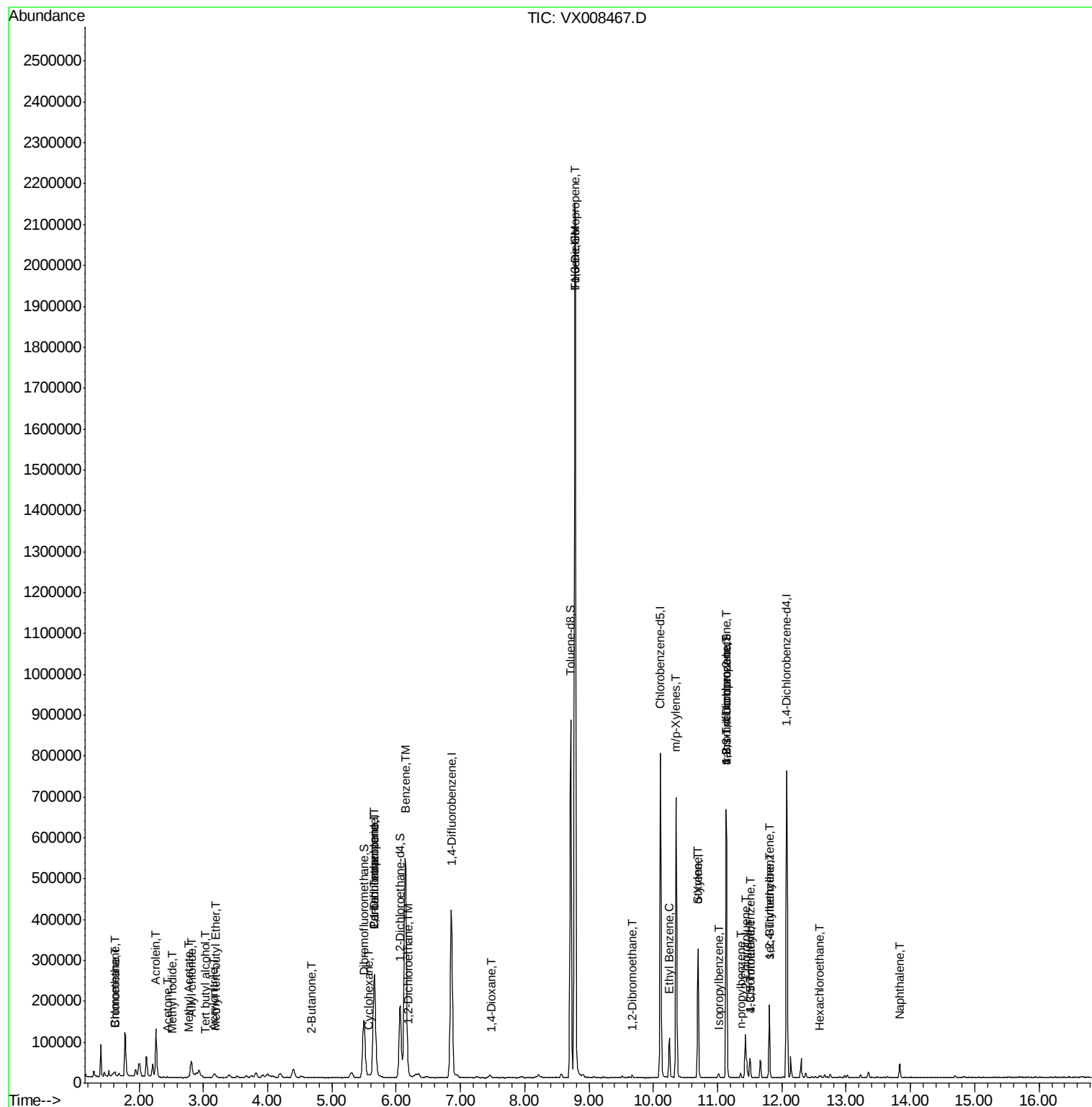
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.51	91	2617	0.263	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.80	105	75097	7.240	ug/l	100
85) sec-Butylbenzene	11.80	105	75097	6.374	ug/l #	58
90) Hexachloroethane	12.58	117	478	0.276	ug/l #	10
95) Naphthalene	13.83	128	20608	1.695	ug/l	98

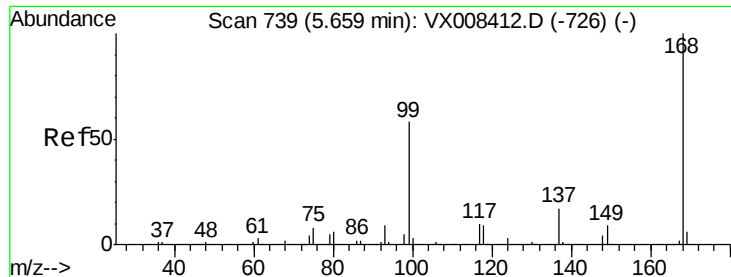
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

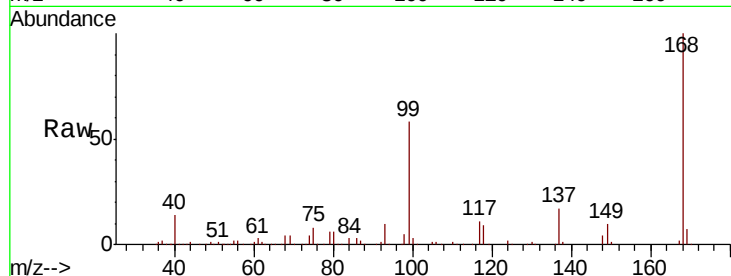
MW-107DL

Tot Ion:168 Resp: 238884

Ion Ratio Lower Upper

168 100

99 58.1 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

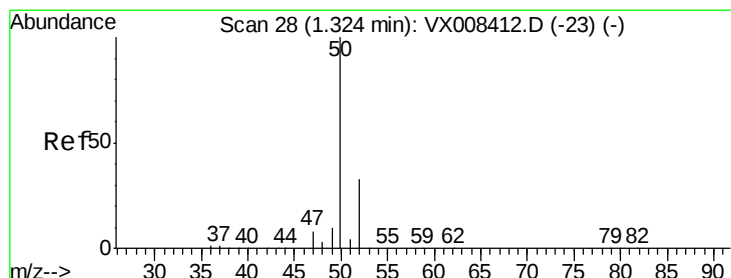
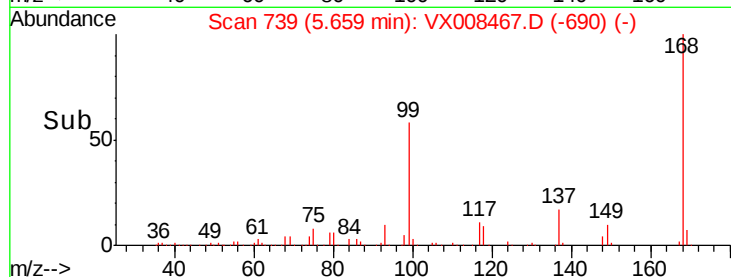
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008467.D

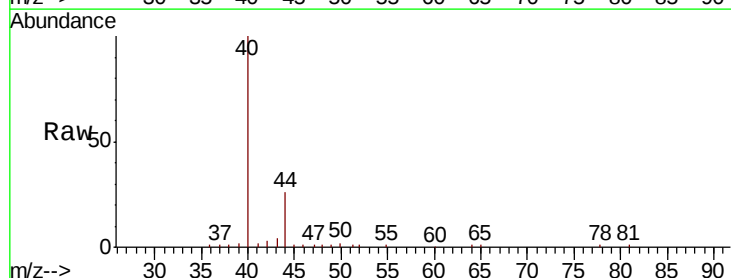
Acq: 26 Mar 2019 20:17

Tgt Ion: 50 Resp: 325

Ion Ratio Lower Upper

50 100

52 67.8 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

300

250

200

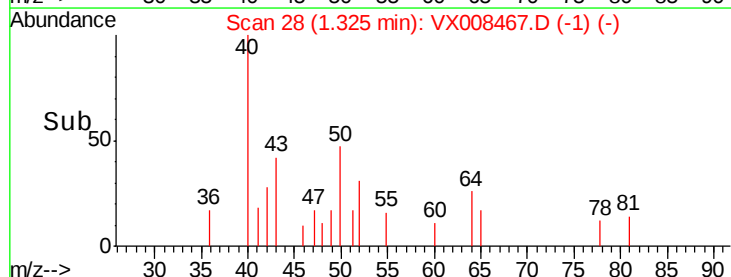
150

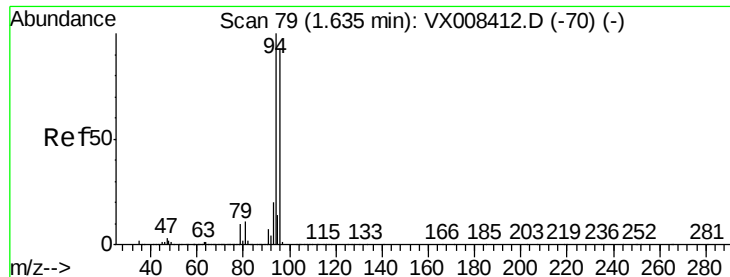
100

50

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 1.943 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

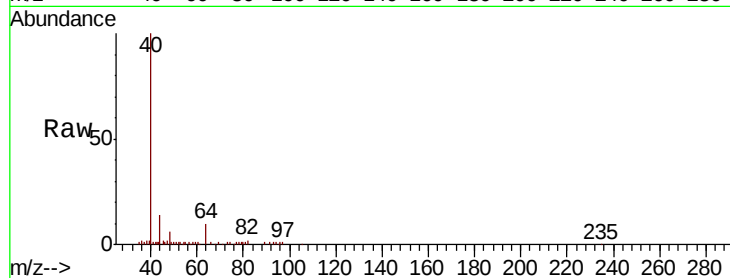
MW-107DL

Tot Ion: 94 Resp: 290

Ion Ratio Lower Upper

94 100

96 104.2 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

150

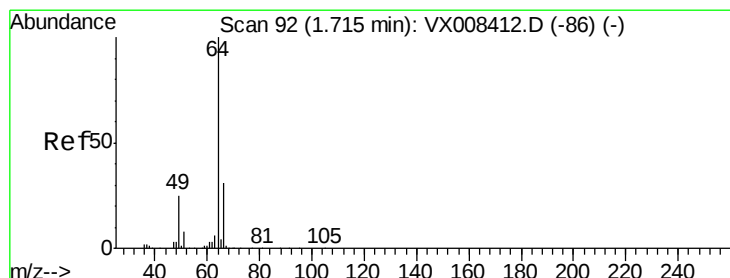
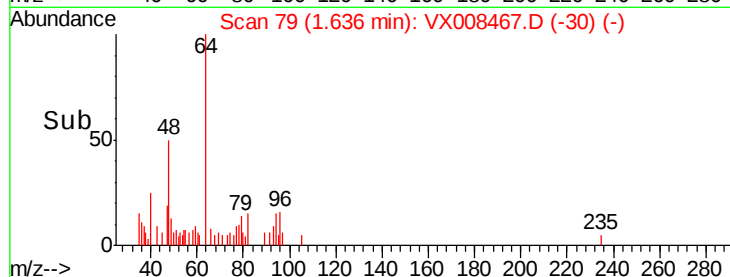
100

50

0

1.60 1.62 1.64 1.66 1.68

Time-->



#6

Chloroethane

Concen: 1.805 ug/l

RT: 1.62 min Scan# 77

Delta R.T. -0.09 min

Lab File: VX008467.D

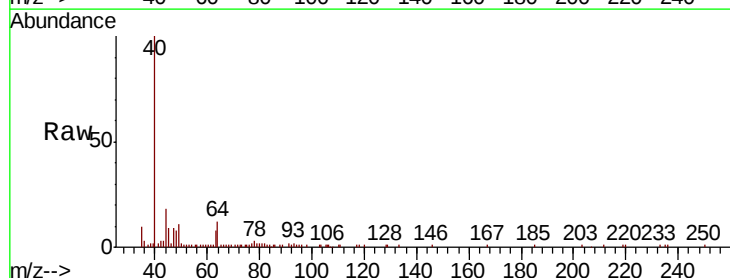
Acq: 26 Mar 2019 20:17

Tgt Ion: 64 Resp: 4205

Ion Ratio Lower Upper

64 100

66 5.8 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1500

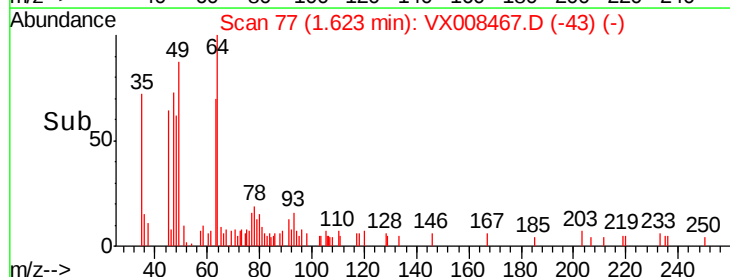
1000

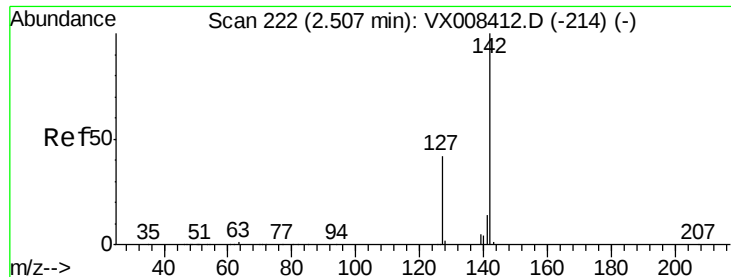
500

0

1.50 1.55 1.60 1.65

Time-->

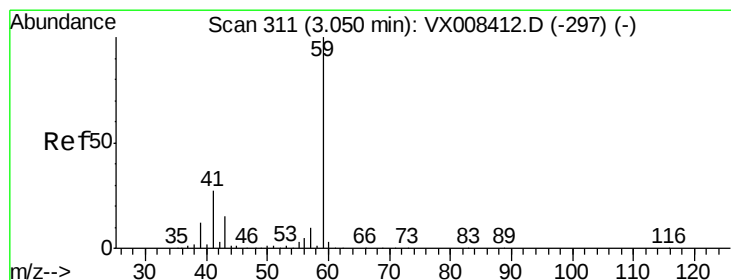
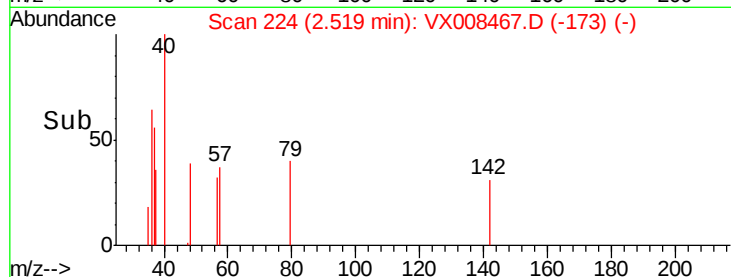
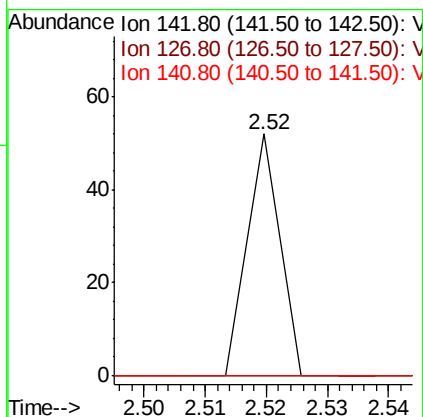
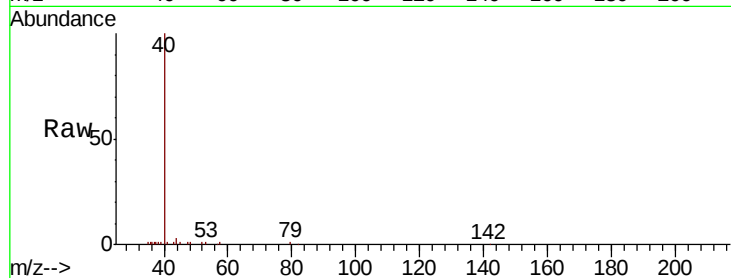




#10
Methvl Iodide
Concen: 4.136 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX008467.D
Acq: 26 Mar 2019 20:17

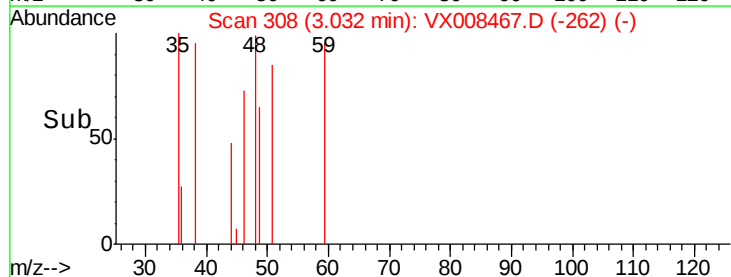
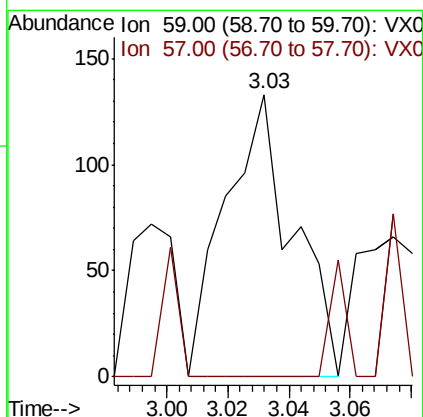
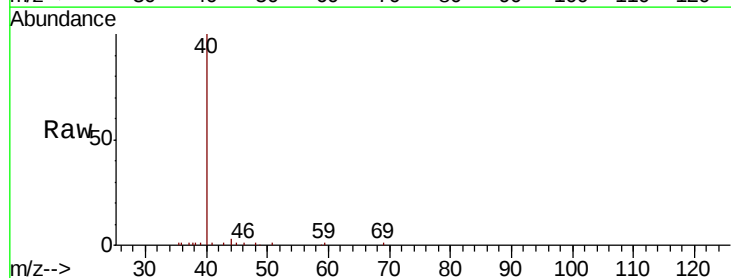
Instrument :
MSVOA_X
ClientSampleId :
MW-107DL

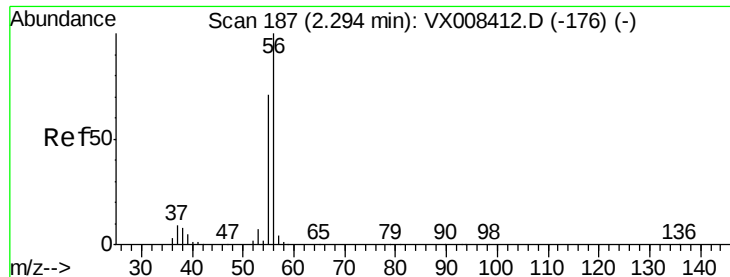
Tot Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.6	50.4#
141	0.0	11.3	16.9#



#11
Tert butyl alcohol
Concen: 0.254 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX008467.D
Acq: 26 Mar 2019 20:17

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

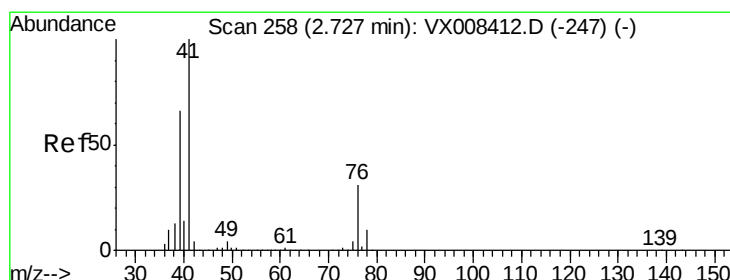
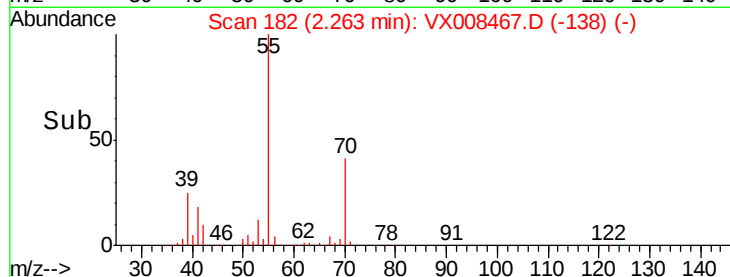
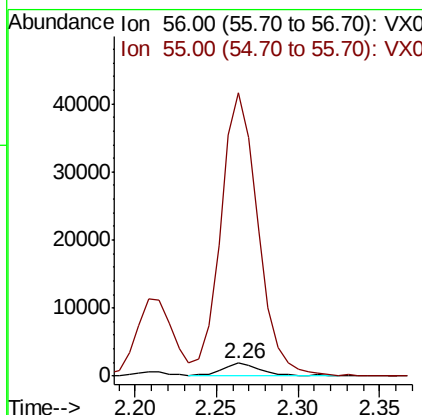
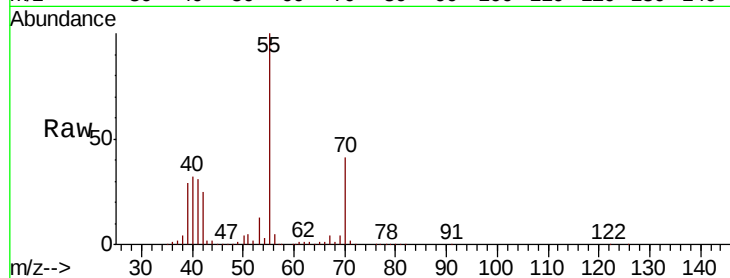




#13
Acrolein
Concen: 5.538 ug/l
RT: 2.26 min Scan# 182
Delta R.T. -0.03 min
Lab File: VX008467.D
Acq: 26 Mar 2019 20:17

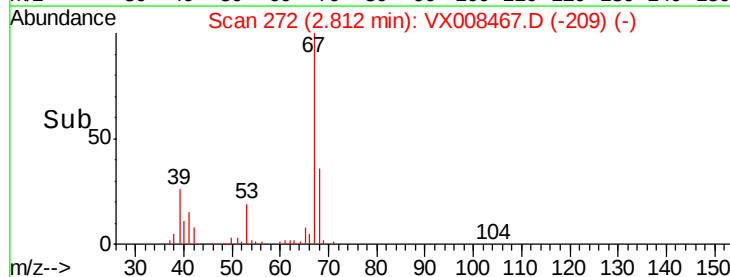
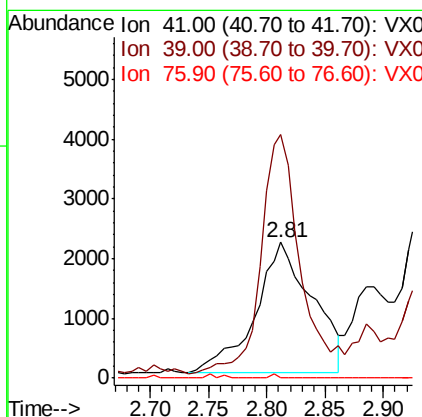
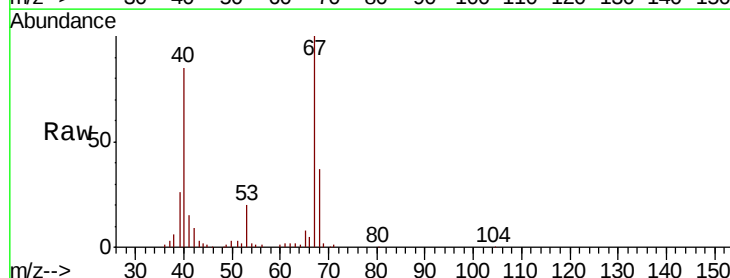
Instrument :
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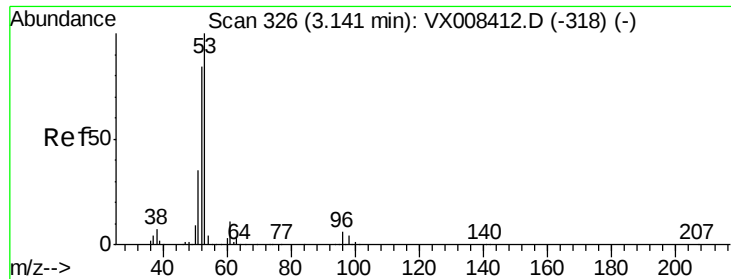
Tot Ion: 56 Resp: 3227
Ion Ratio Lower Upper
56 100
55 2037.1 56.5 84.7#



#14
Allyl chloride
Concen: 1.211 ug/l
RT: 2.81 min Scan# 272
Delta R.T. 0.09 min
Lab File: VX008467.D
Acq: 26 Mar 2019 20:17

Tgt Ion: 41 Resp: 7412
Ion Ratio Lower Upper
41 100
39 125.9 49.6 74.4#
76 0.0 22.6 34.0#





#15

Acrylonitrile

Concen: 0.380 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

Instrument :

MSVOA_X

ClientSampleID :

MW-107DL

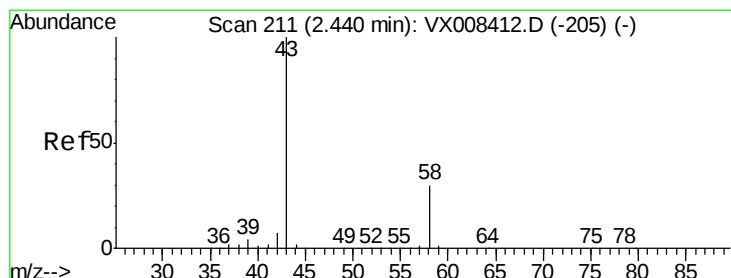
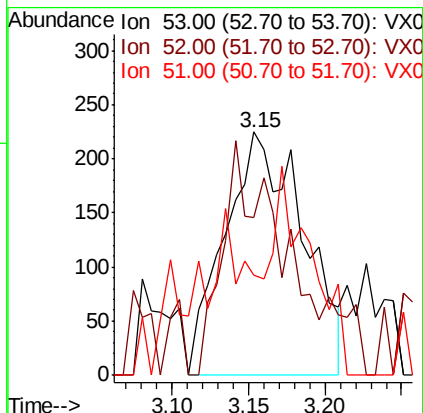
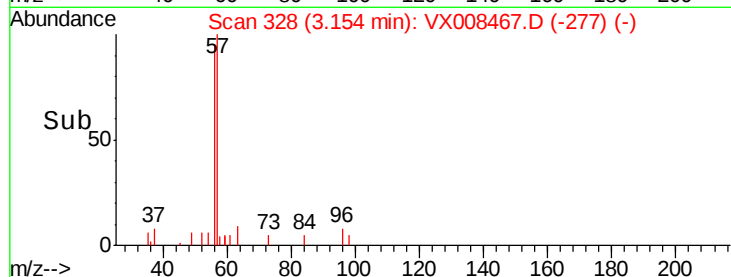
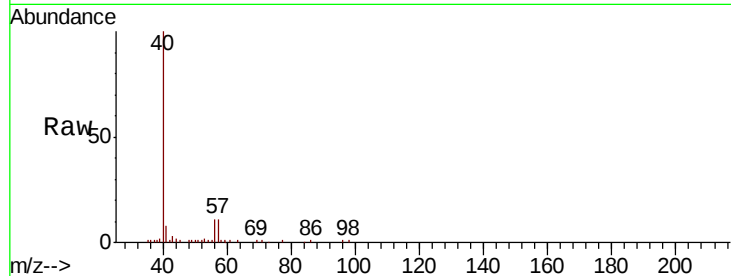
Tot Ion: 53 Resp: 800

Ion Ratio Lower Upper

53 100

52 35.9 66.5 99.7#

51 15.5 28.3 42.5#



#16

Acetone

Concen: 0.747 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX008467.D

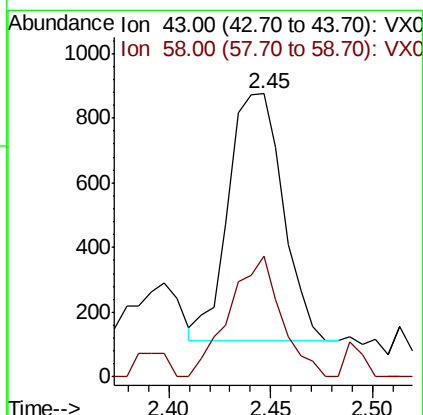
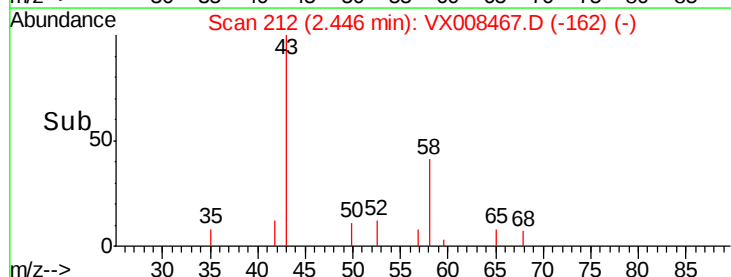
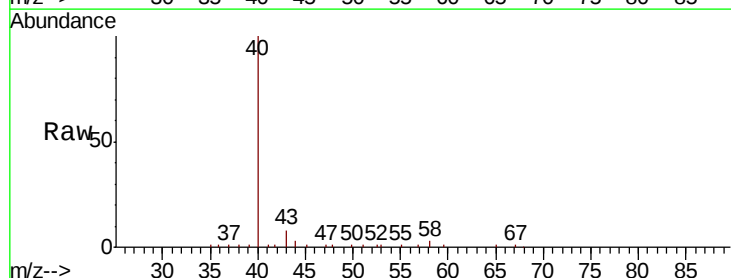
Acq: 26 Mar 2019 20:17

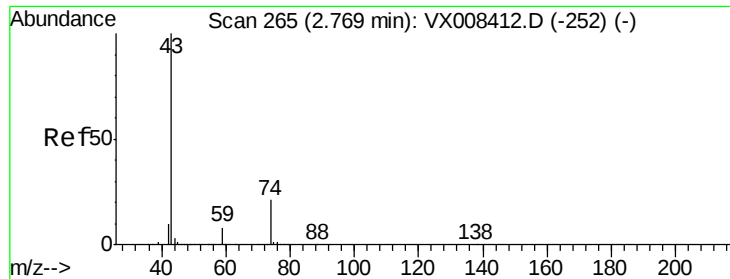
Tgt Ion: 43 Resp: 1414

Ion Ratio Lower Upper

43 100

58 49.1 24.2 36.2#

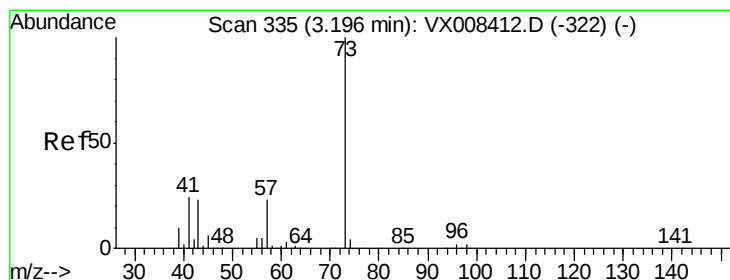
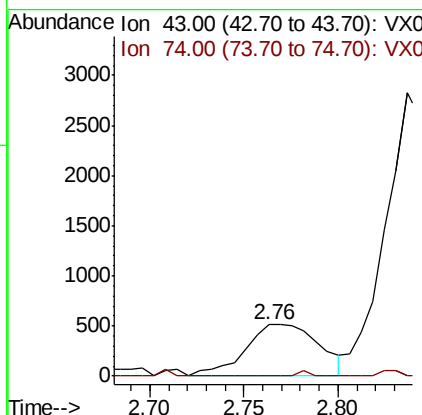
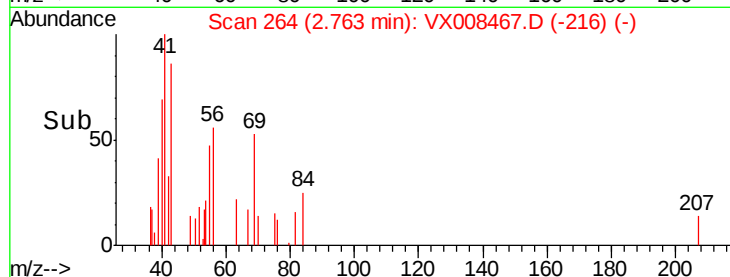
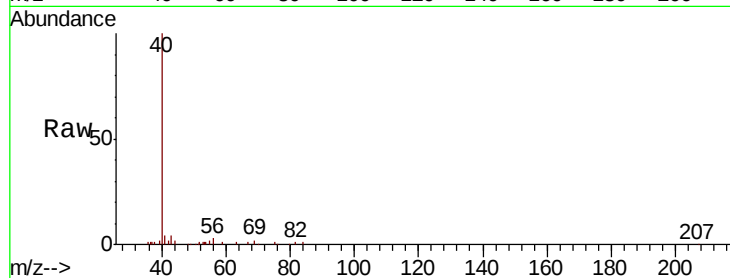




#18
Methyl Acetate
Concen: 0.309 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX008467.D
Acq: 26 Mar 2019 20:17

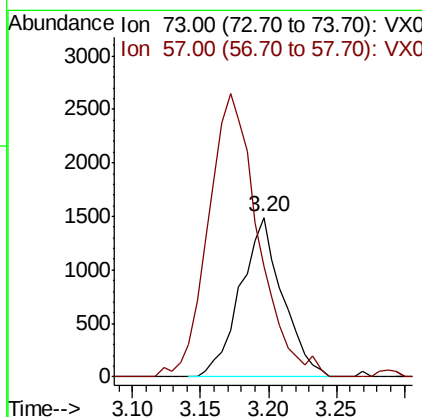
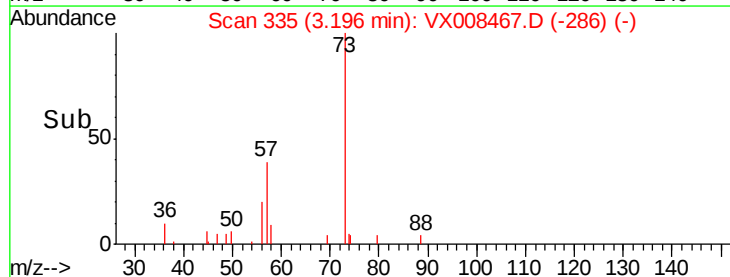
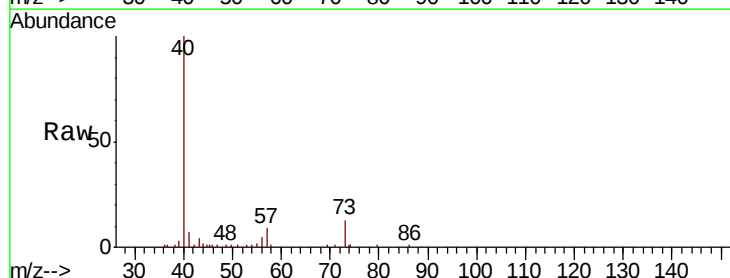
Instrument :
MSVOA_X
ClientSampleId :
MW-107DL

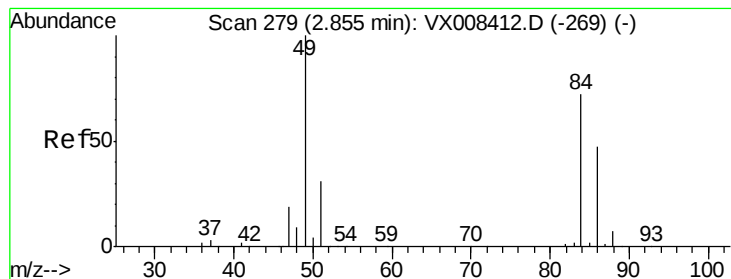
Tot Ion: 43 Resp: 1405
Ion Ratio Lower Upper
43 100
74 1.6 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: 0.322 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008467.D
Acq: 26 Mar 2019 20:17

Tgt Ion: 73 Resp: 3221
Ion Ratio Lower Upper
73 100
57 69.7 18.6 28.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

Instrument :

MSVOA_X

ClientSampled :

MW-107DL

Tot Ion: 84 Resp: 457

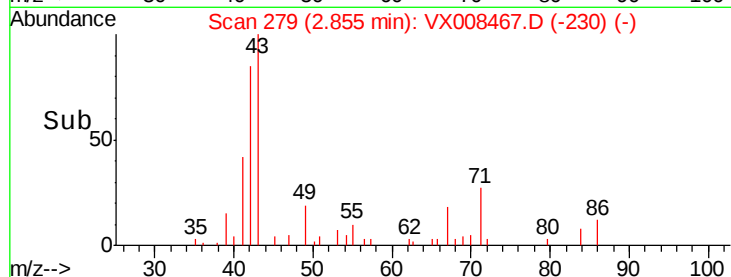
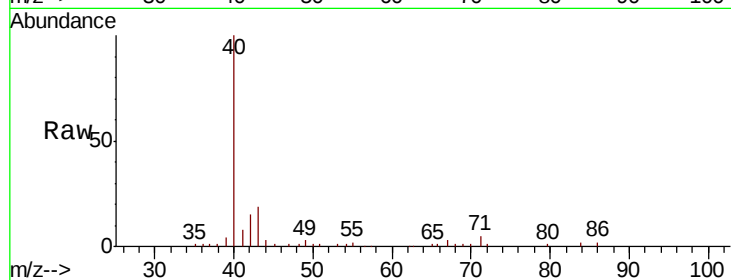
Ion Ratio Lower Upper

84 100

49 149.8 110.6 165.8

51 10.1 33.9 50.9#

86 72.7 52.2 78.2

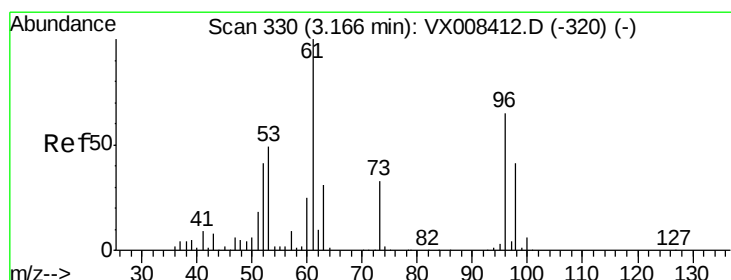
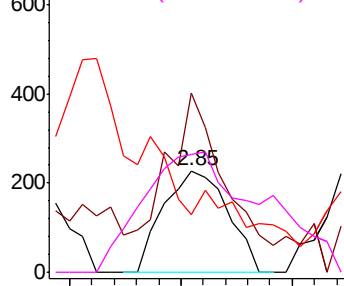


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

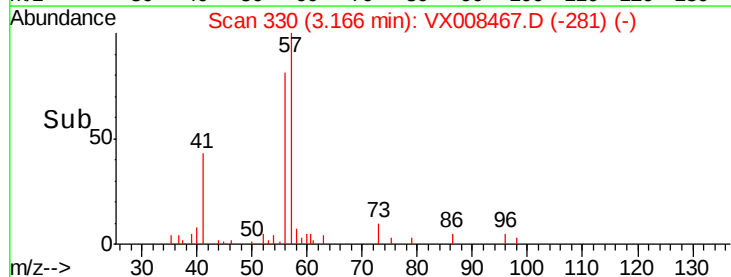
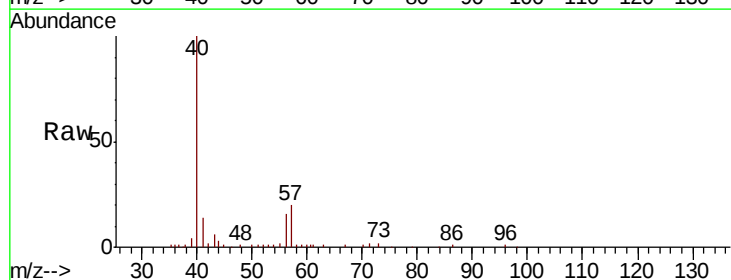
Tgt Ion: 96 Resp: 196

Ion Ratio Lower Upper

96 100

61 182.0 122.6 184.0

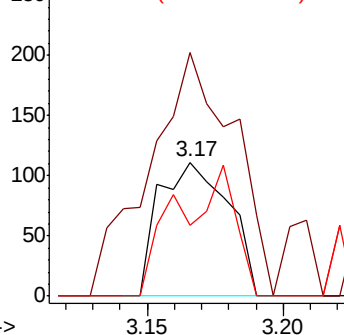
98 53.2 50.9 76.3

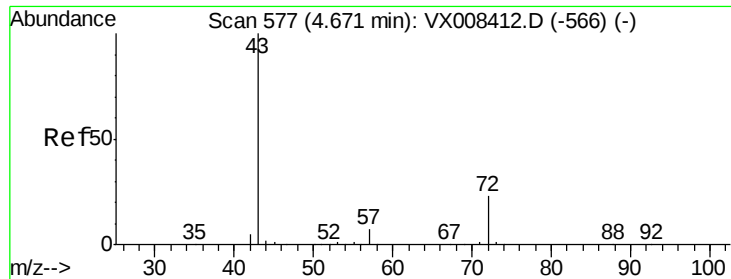


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#25

2-Butanone

Concen: 0.460 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

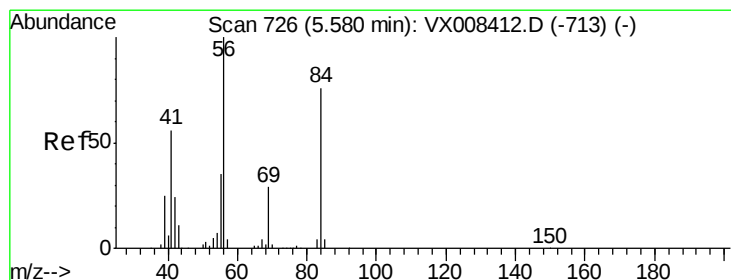
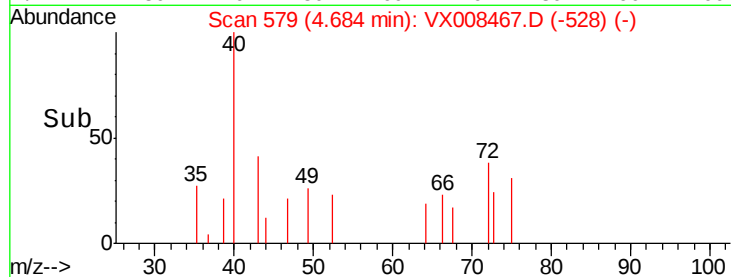
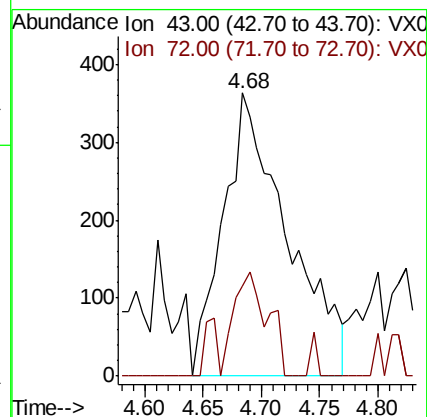
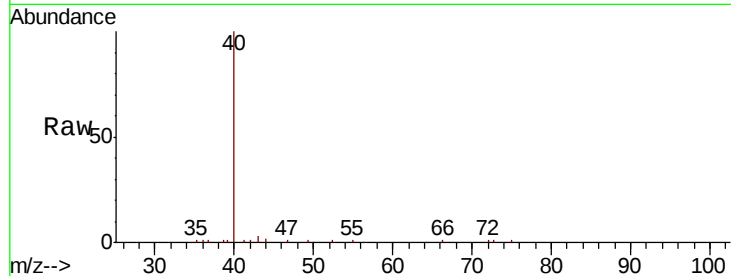
MW-107DL

Tot Ion: 43 Resp: 1397

Ion Ratio Lower Upper

43 100

72 51.5 18.6 28.0#



#31

Cyclohexane

Concen: 0.896 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

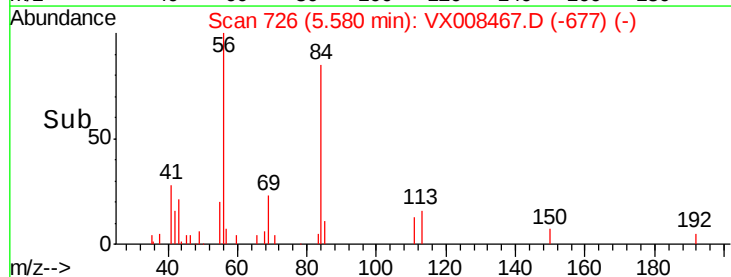
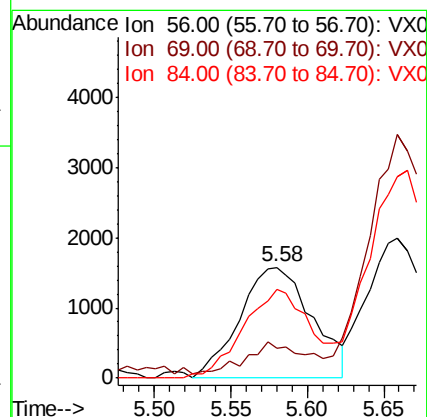
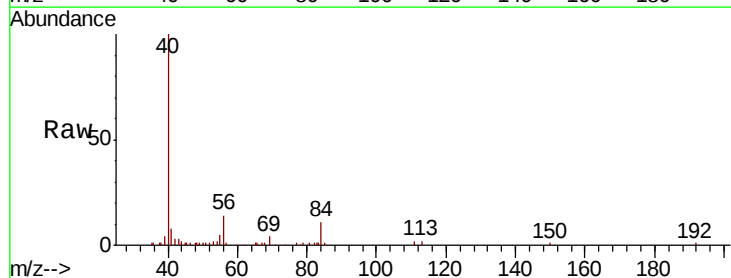
Tgt Ion: 56 Resp: 5204

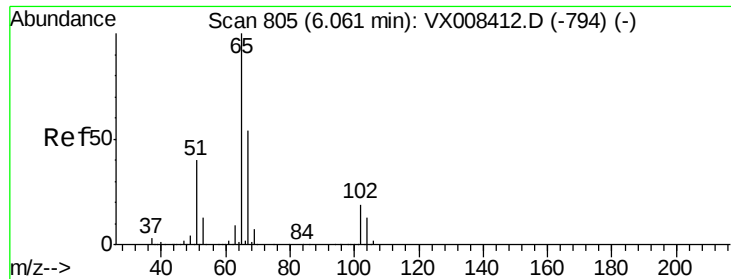
Ion Ratio Lower Upper

56 100

69 23.2 23.2 34.8

84 76.4 60.7 91.1





#33

1,2-Dichloroethane-d4

Concen: 45.926 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

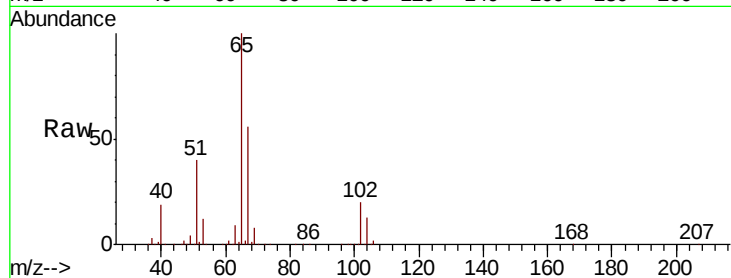
MW-107DL

Tot Ion: 65 Resp: 166324

Ion Ratio Lower Upper

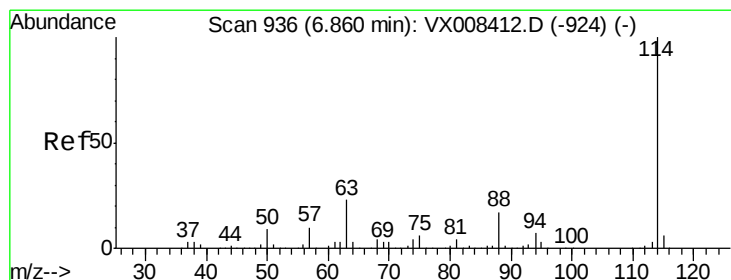
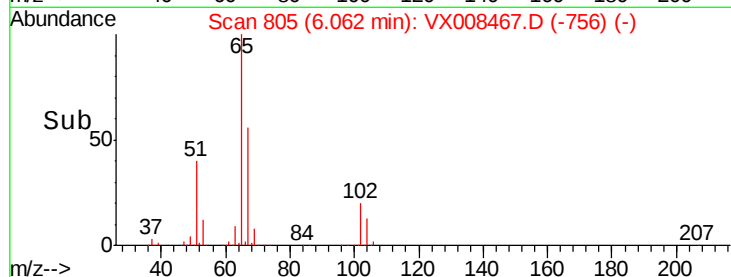
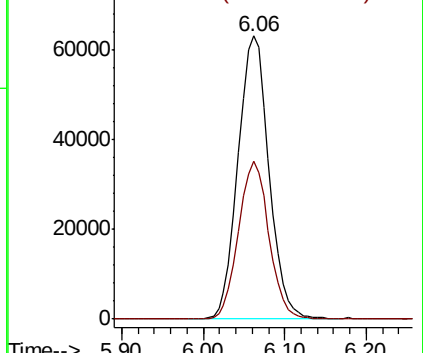
65 100

67 54.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

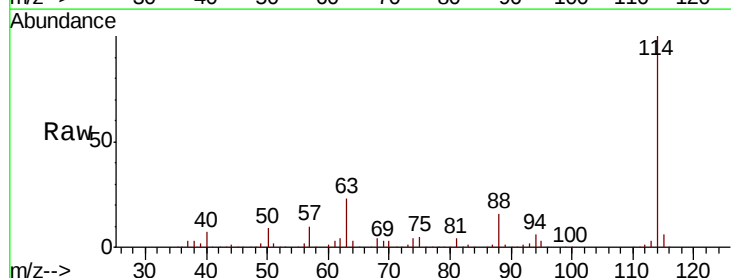
Tgt Ion: 114 Resp: 404230

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.4

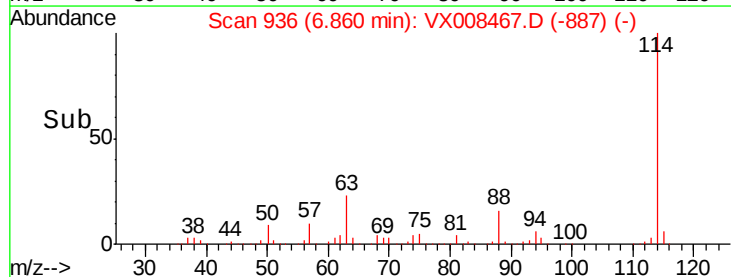
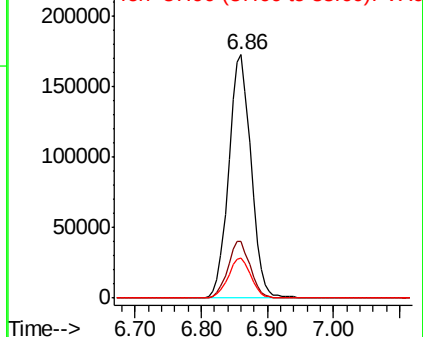
88 16.3 0.0 33.2

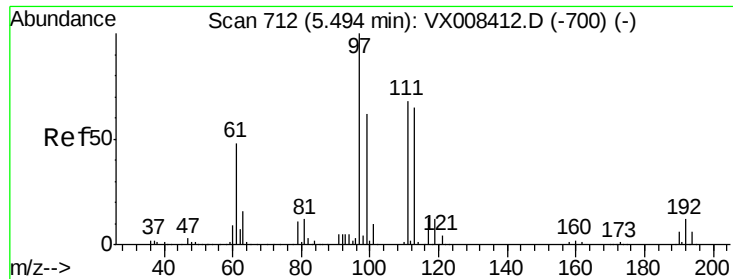


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.946 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW-107DL

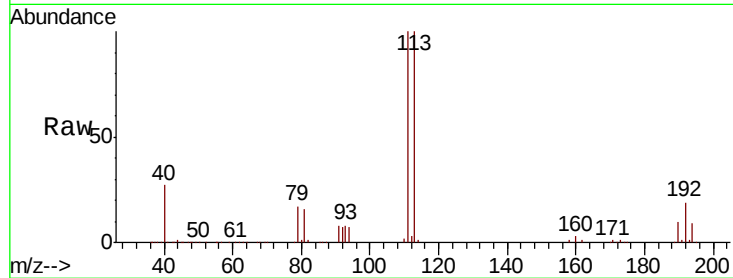
Tot Ion:113 Resp: 123739

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.4

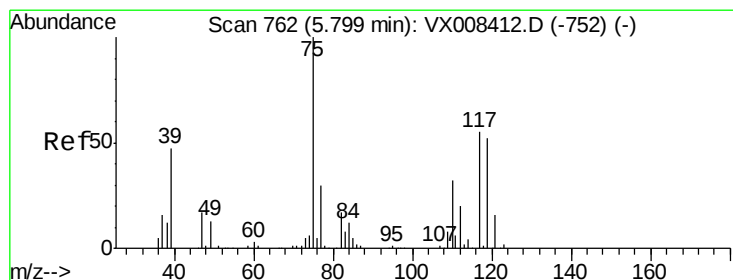
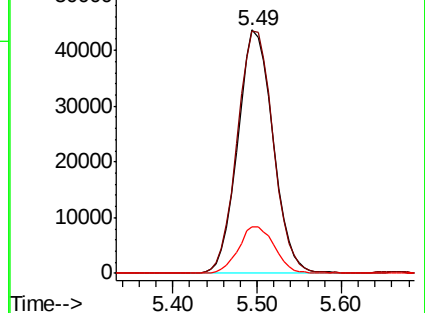
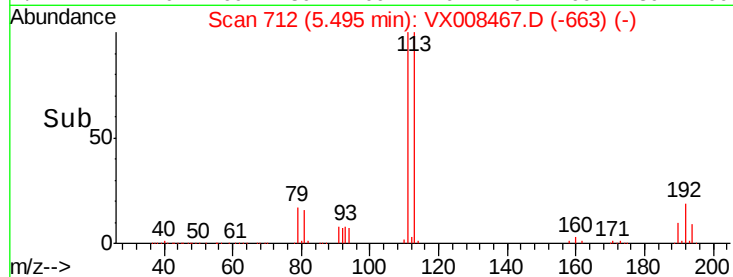
192 19.6 15.6 23.4



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: 4.675 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

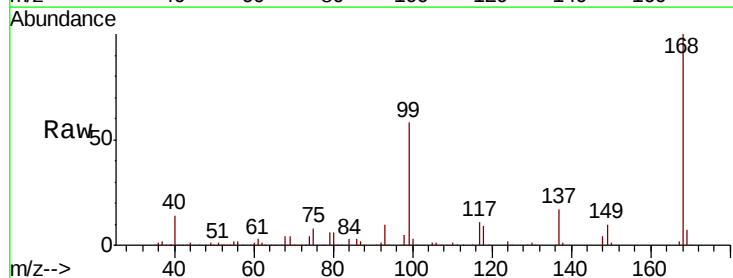
Tgt Ion: 75 Resp: 20149

Ion Ratio Lower Upper

75 100

110 8.5 16.6 49.7#

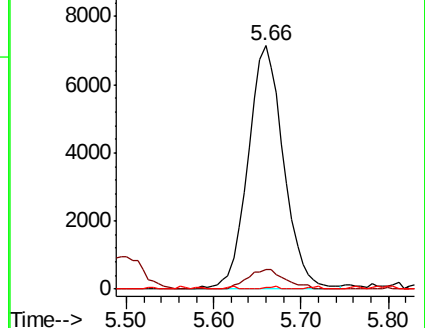
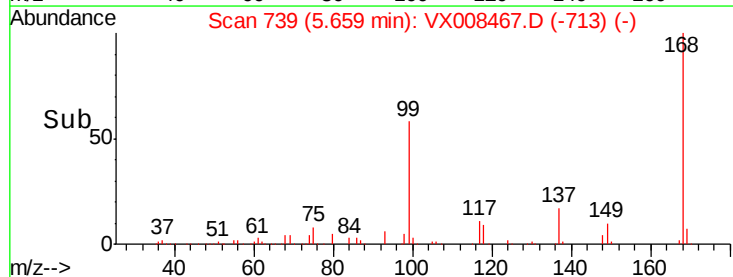
77 0.4 24.2 36.2#

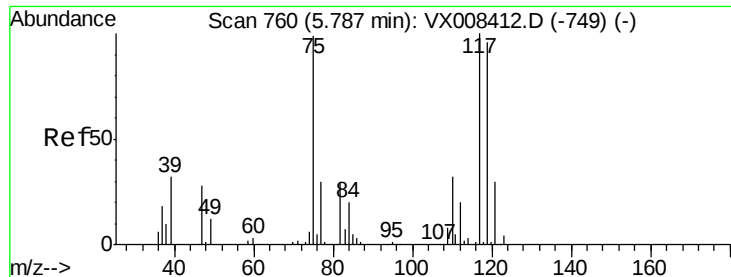


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.565 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW-107DL

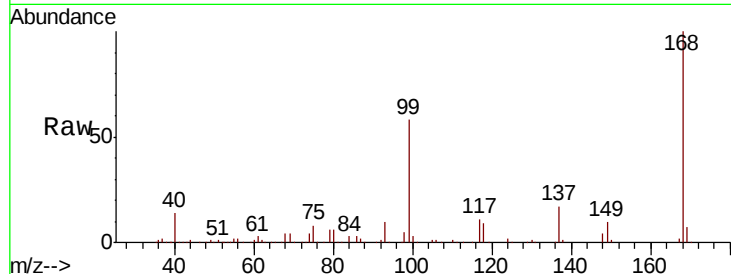
Tot Ion:117 Resp: 23615

Ion Ratio Lower Upper

117 100

119 3.7 76.7 115.1#

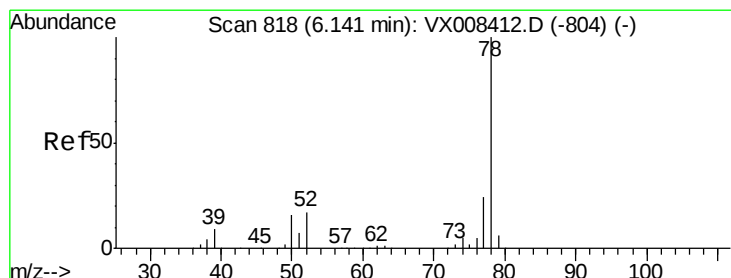
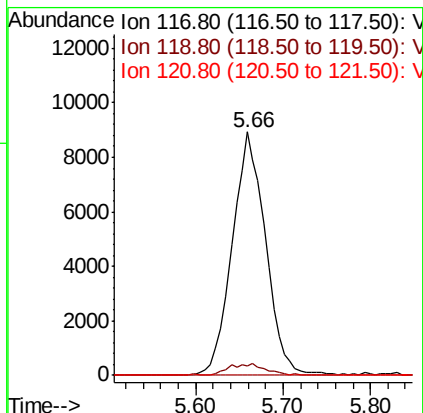
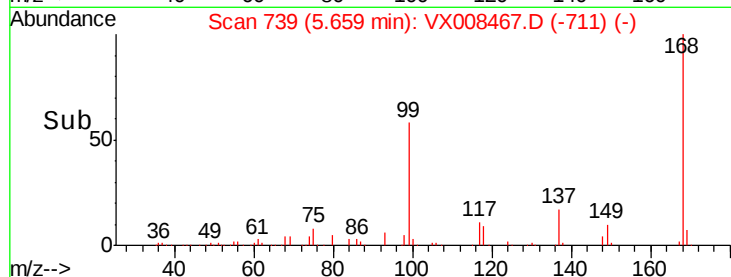
121 0.0 24.3 36.5#



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



#40

Benzene

Concen: 49.054 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX008467.D

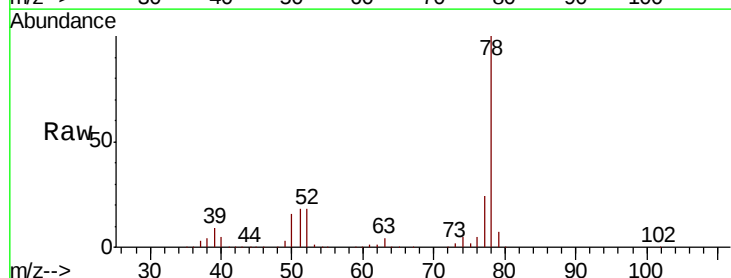
Acq: 26 Mar 2019 20:17

Tgt Ion: 78 Resp: 632942

Ion Ratio Lower Upper

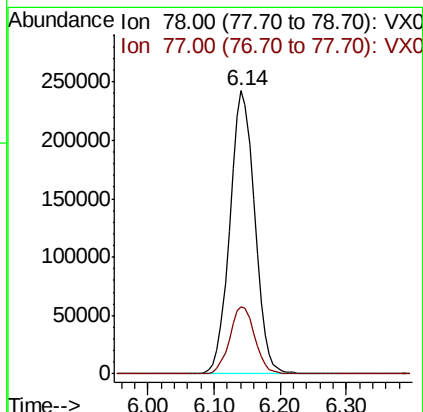
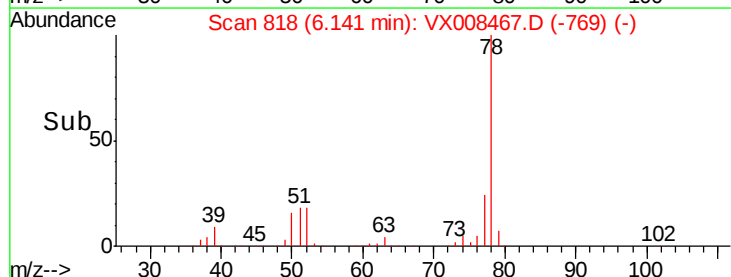
78 100

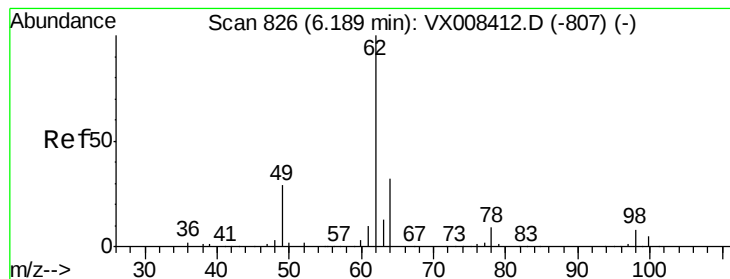
77 23.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 0.960 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

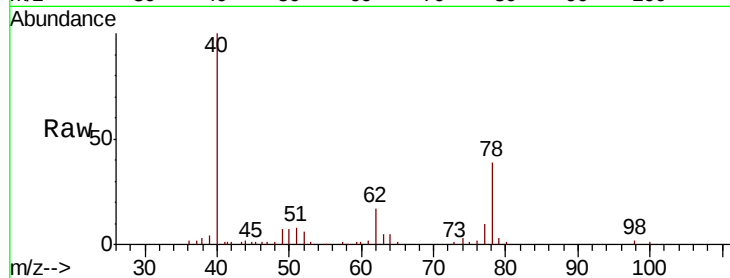
MW-107DL

Tot Ion: 62 Resp: 4535

Ion Ratio Lower Upper

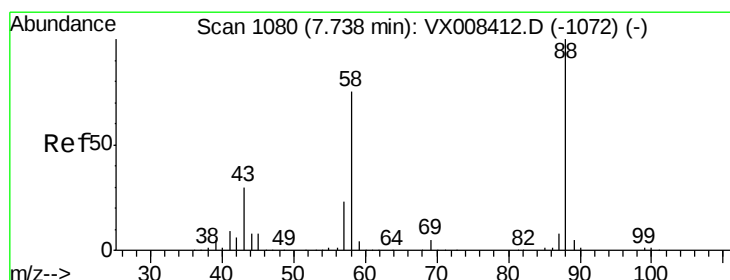
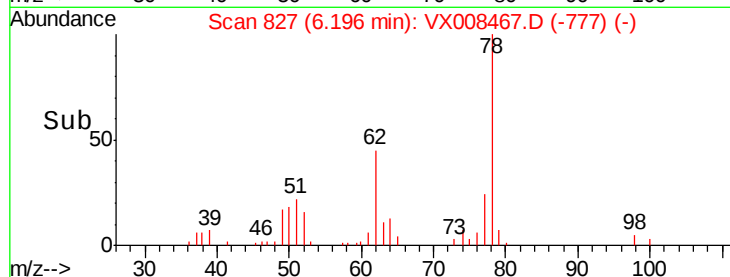
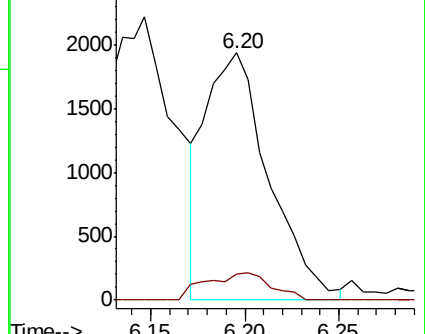
62 100

98 11.2 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#49

1,4-Dioxane

Concen: 0.214 ug/l

RT: 7.49 min Scan# 1039

Delta R.T. -0.25 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

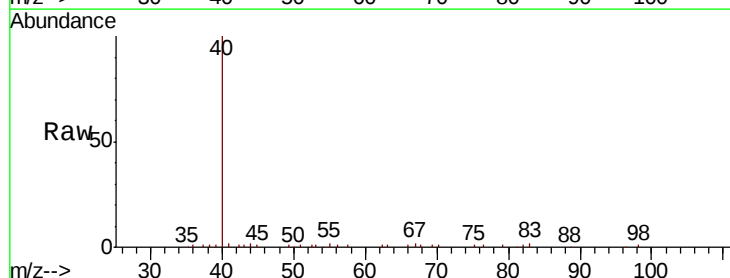
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 28.6 43.0#

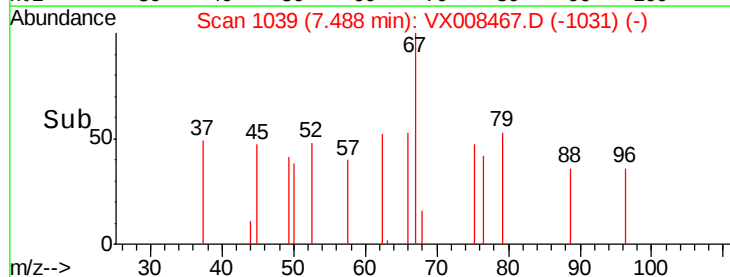
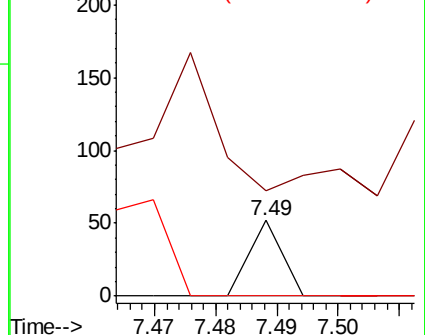
58 242.1 63.0 94.4#

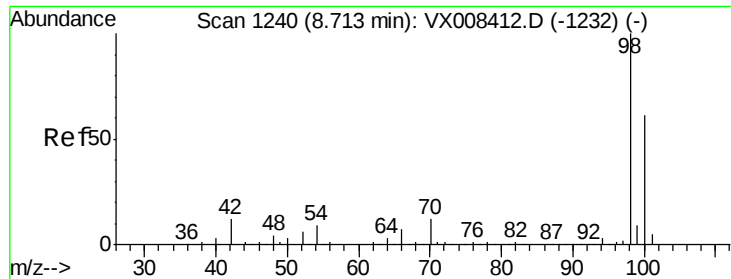


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

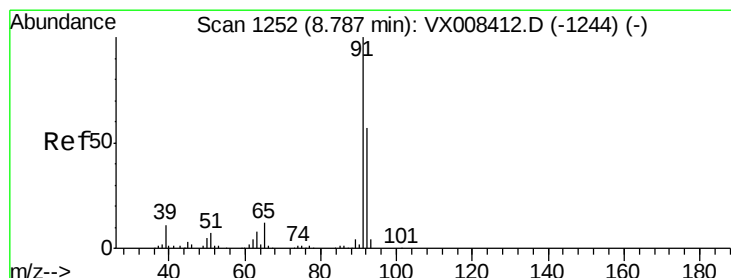
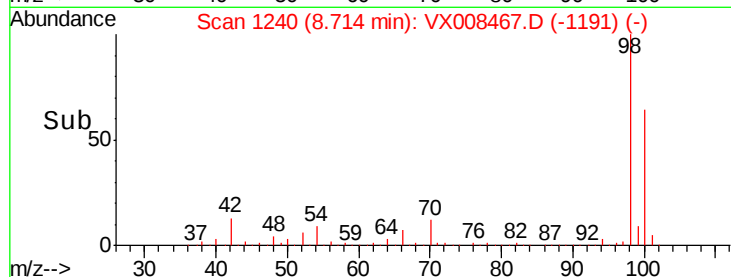
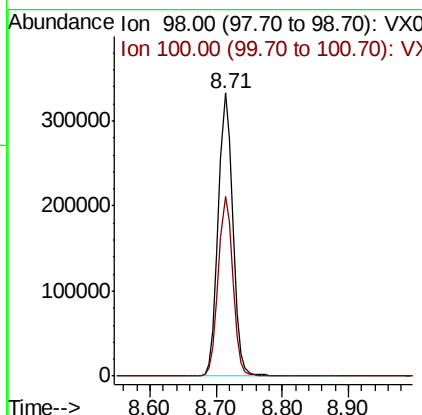
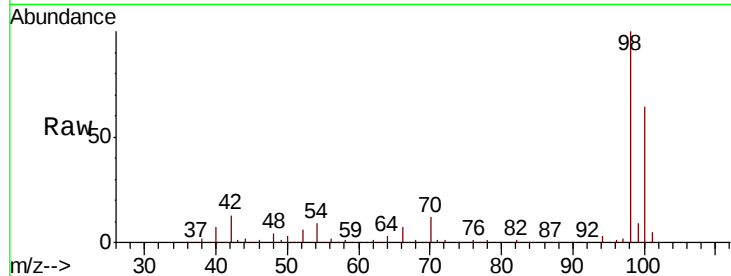




#50
Toluene-d8
Concen: 48.140 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008467.D
Acq: 26 Mar 2019 20:17

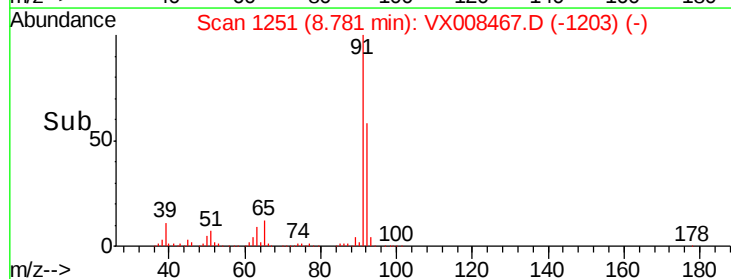
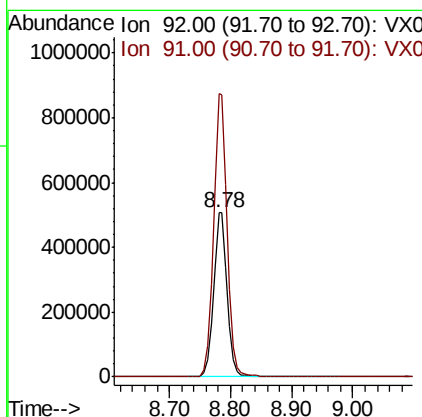
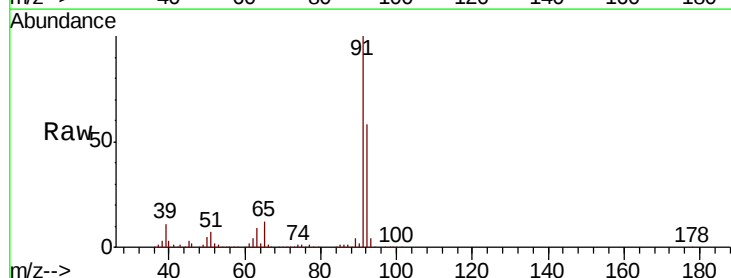
Instrument :
MSVOA_X
ClientSampleId :
MW-107DL

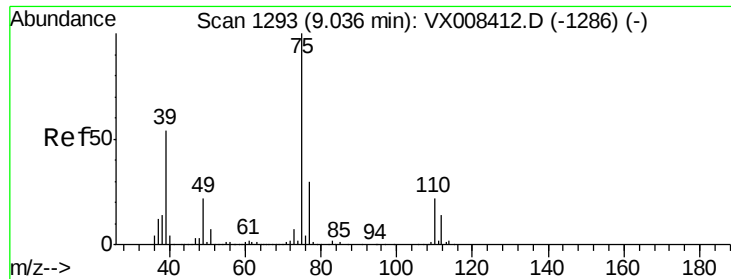
Tot Ion: 98 Resp: 507369
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7



#52
Toluene
Concen: 103.711 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008467.D
Acq: 26 Mar 2019 20:17

Tgt Ion: 92 Resp: 800140
Ion Ratio Lower Upper
92 100
91 173.9 140.2 210.4

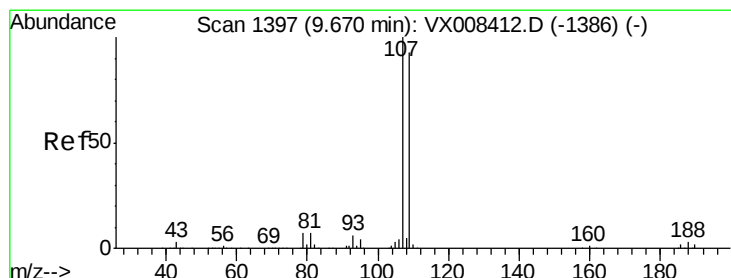
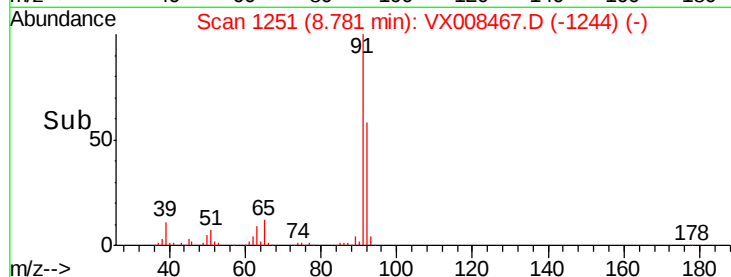
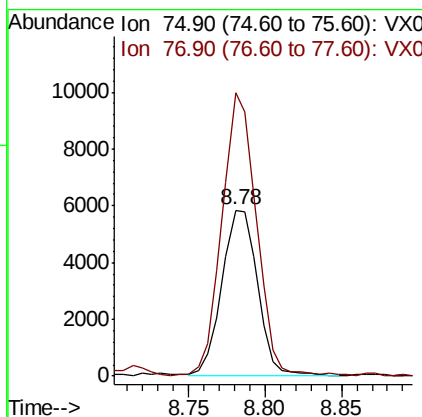
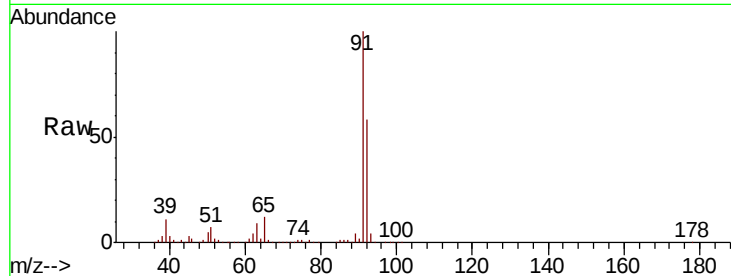




#53
t-1,3-Dichloropropene
Concen: 2.118 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.26 min
Lab File: VX008467.D
Acq: 26 Mar 2019 20:17

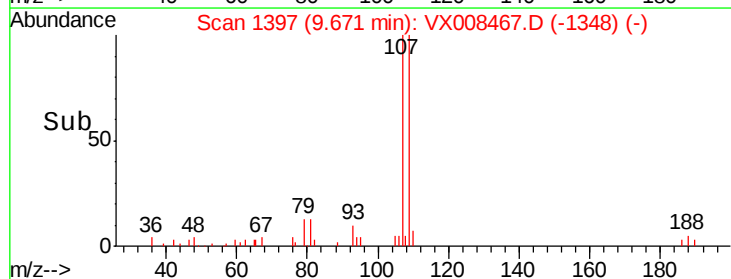
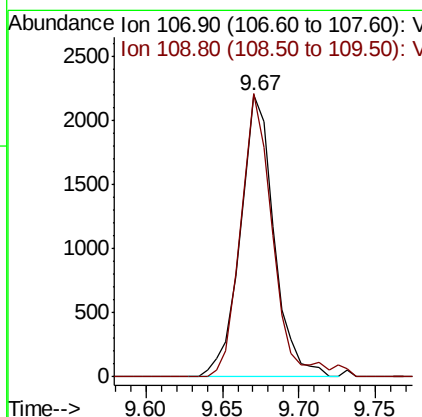
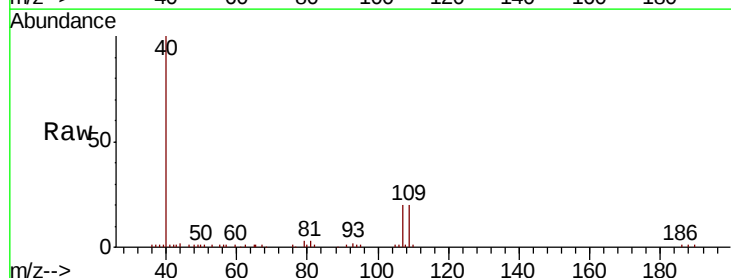
Instrument :
MSVOA_X
ClientSampled :
MW-107DL

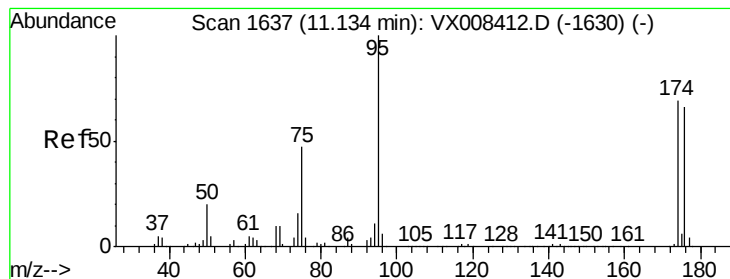
Tot Ion: 75 Resp: 9508
Ion Ratio Lower Upper
75 100
77 169.4 24.3 36.5#



#61
1,2-Dibromoethane
Concen: 1.046 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX008467.D
Acq: 26 Mar 2019 20:17

Tgt Ion: 107 Resp: 3351
Ion Ratio Lower Upper
107 100
109 96.7 74.6 111.8





#62

4-Bromofluorobenzene

Concen: 44.130 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW-107DL

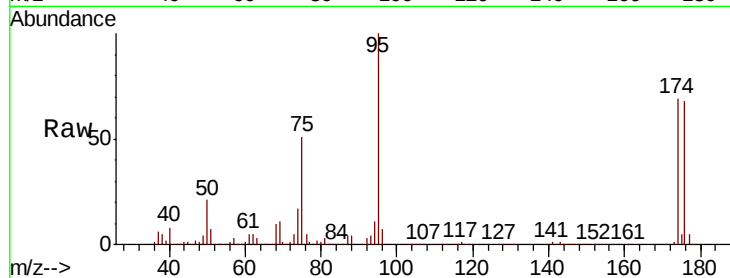
Tot Ion: 95 Resp: 172348

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.2

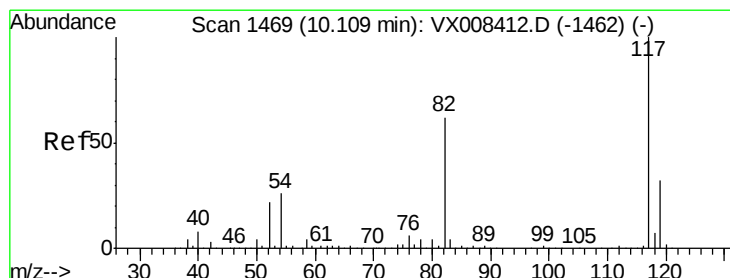
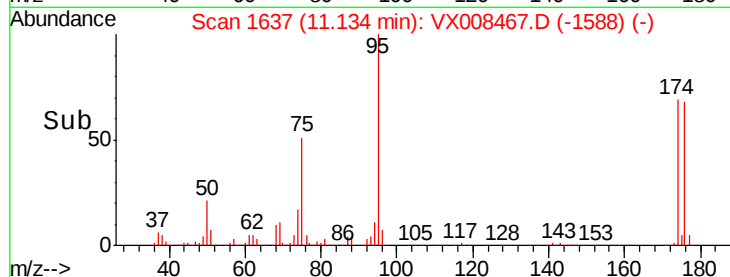
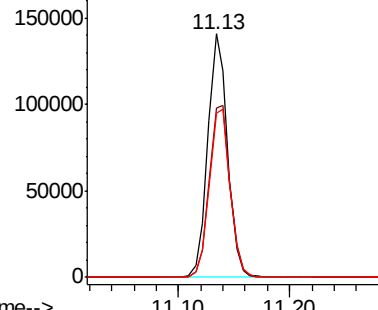
176 72.7 0.0 142.4



Abundance Ion 94.90 (94.60 to 95.60): VX008412.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008412.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008412.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

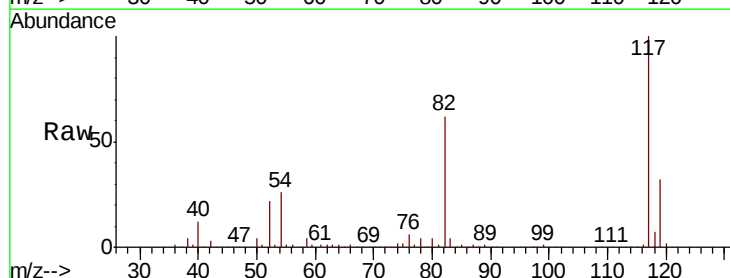
Tgt Ion: 117 Resp: 347247

Ion Ratio Lower Upper

117 100

82 61.6 49.4 74.2

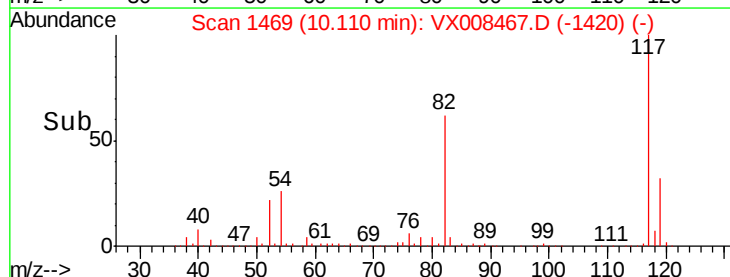
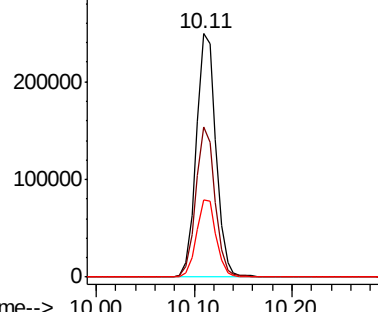
119 31.8 25.4 38.0

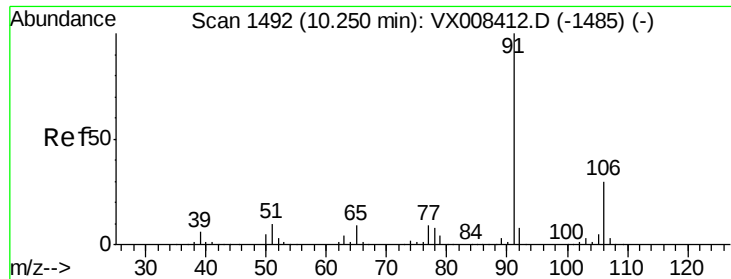


Abundance Ion 116.90 (116.60 to 117.60): VX008412.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008412.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008412.D (-1462) (-)

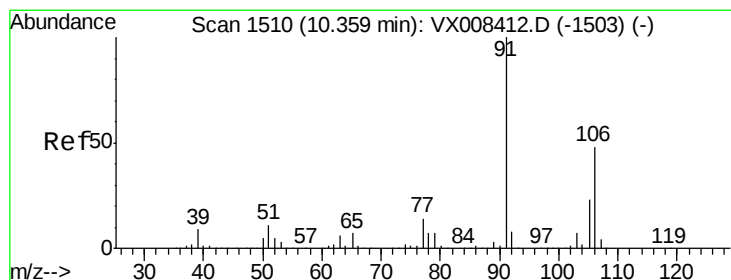
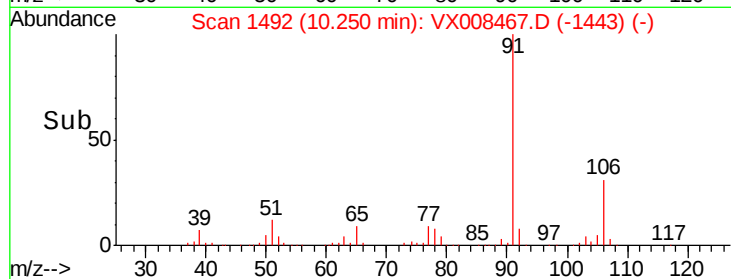
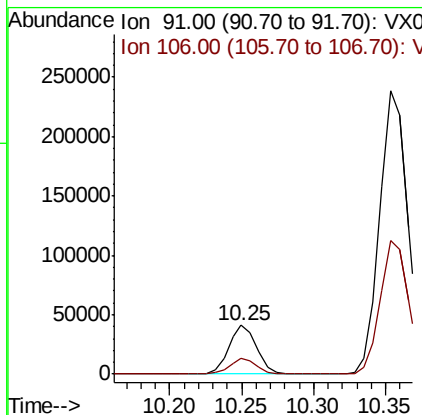
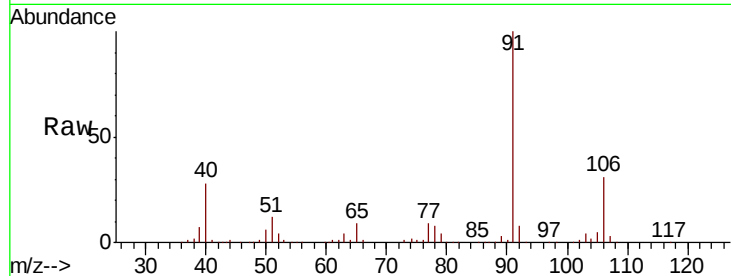




#67
Ethyl Benzene
Concen: 3.933 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008467.D
Acq: 26 Mar 2019 20:17

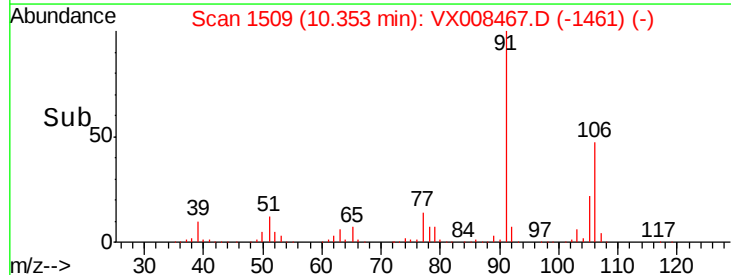
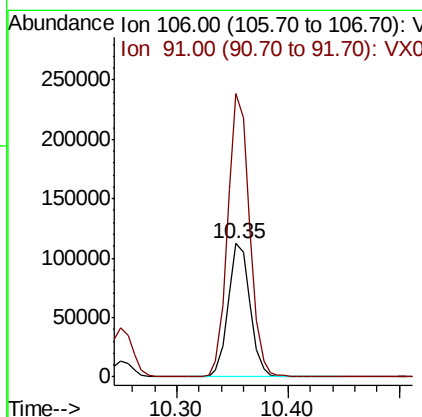
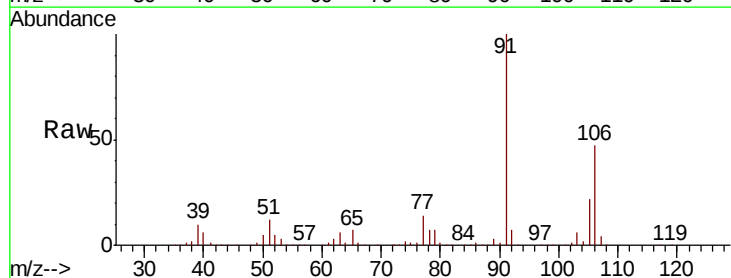
Instrument :
MSVOA_X
ClientSampled :
MW-107DL

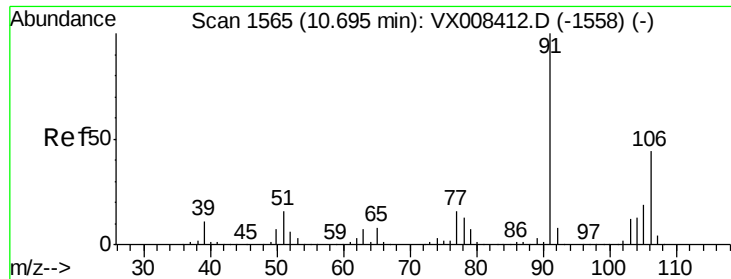
Tot Ion: 91 Resp: 56048
Ion Ratio Lower Upper
91 100
106 31.5 24.0 36.0



#68
m/p-Xylenes
Concen: 29.448 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008467.D
Acq: 26 Mar 2019 20:17

Tgt Ion: 106 Resp: 152684
Ion Ratio Lower Upper
106 100
91 211.3 168.6 253.0

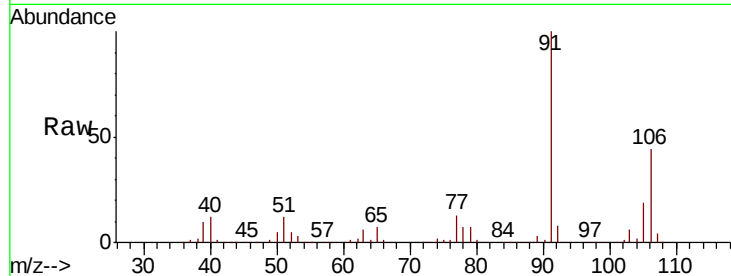




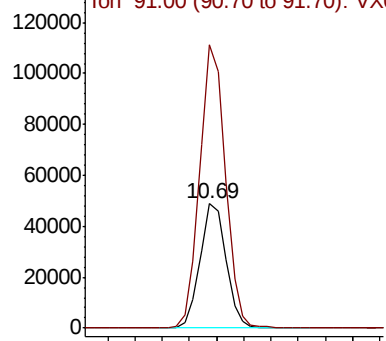
#69
o-Xylene
Concen: 13.014 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008467.D
Acq: 26 Mar 2019 20:17

Instrument :
MSVOA_X
ClientSampled :
MW-107DL

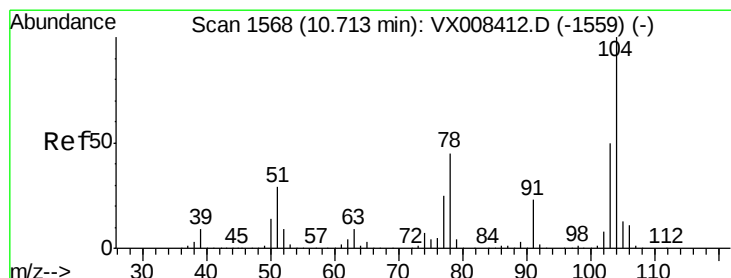
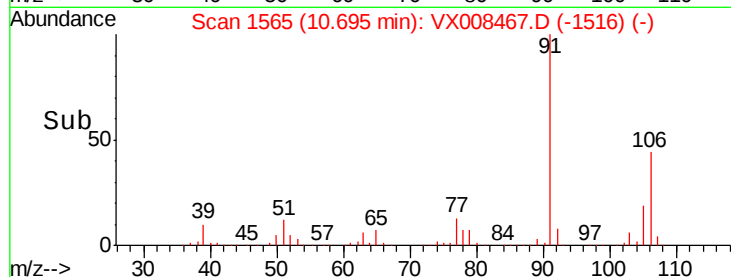
Tot Ion:106 Resp: 65481
Ion Ratio Lower Upper
106 100
91 224.9 111.4 334.2



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

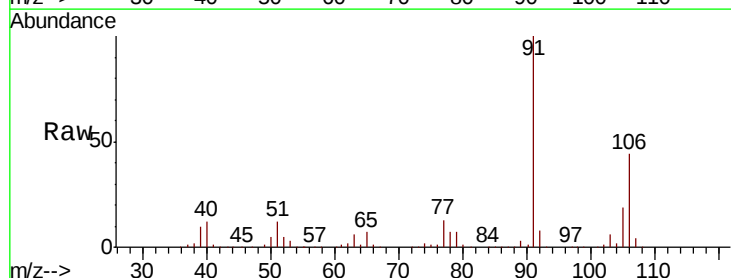


Time-->

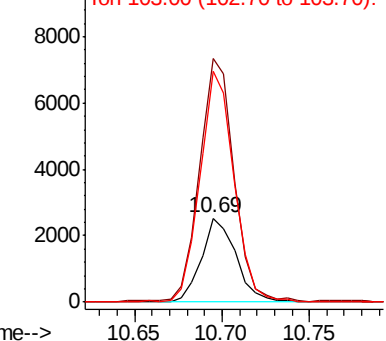


#70
Styrene
Concen: 0.403 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX008467.D
Acq: 26 Mar 2019 20:17

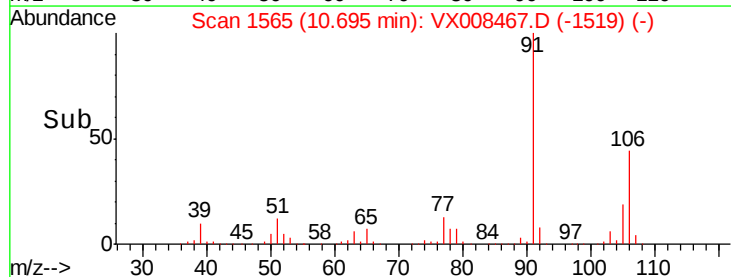
Tgt Ion:104 Resp: 3499
Ion Ratio Lower Upper
104 100
78 289.5 42.5 63.7#
103 269.4 44.2 66.4#

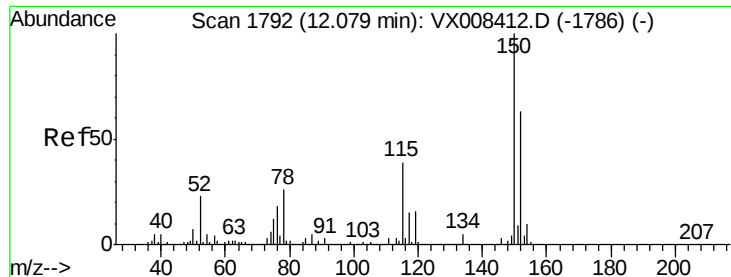


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW-107DL

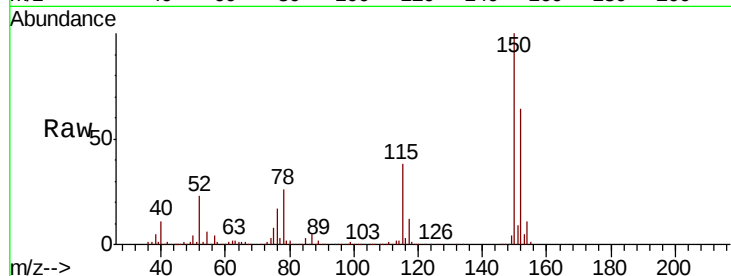
Tot Ion:152 Resp: 149096

Ion Ratio Lower Upper

152 100

115 61.3 43.5 130.5

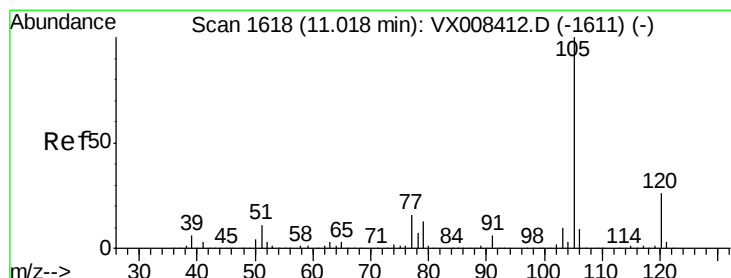
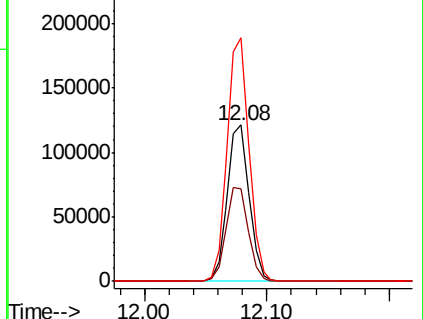
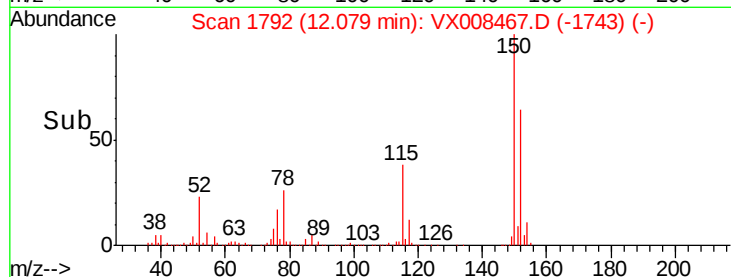
150 155.8 0.0 348.8



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: 0.361 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008467.D

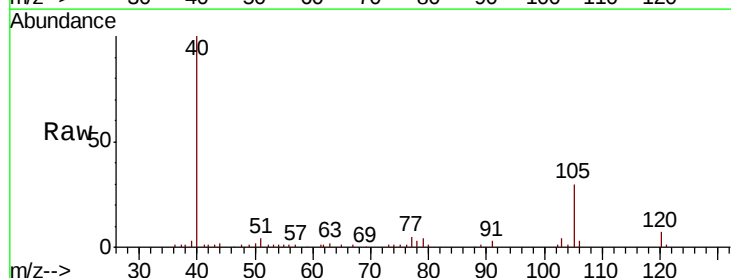
Acq: 26 Mar 2019 20:17

Tgt Ion:105 Resp: 4381

Ion Ratio Lower Upper

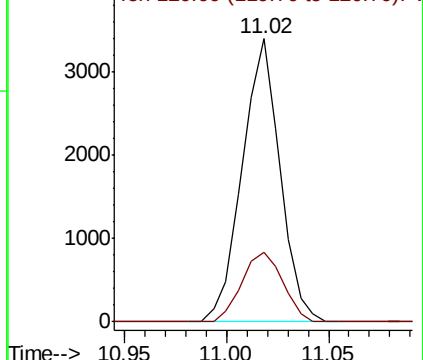
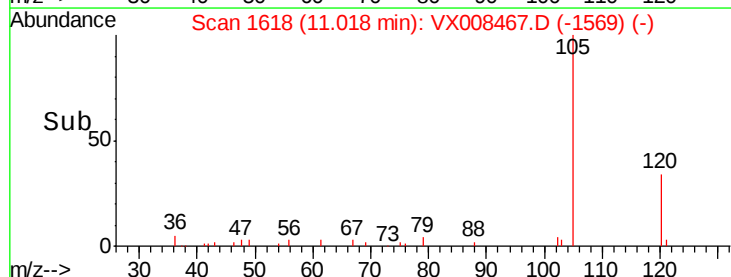
105 100

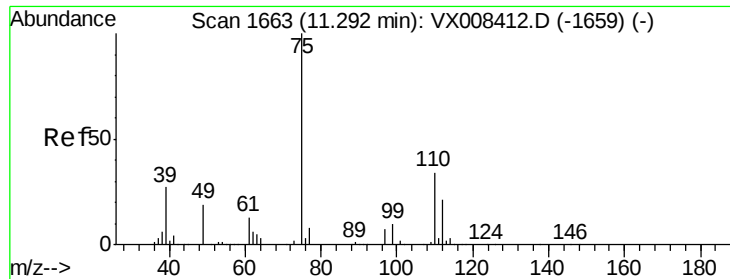
120 26.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

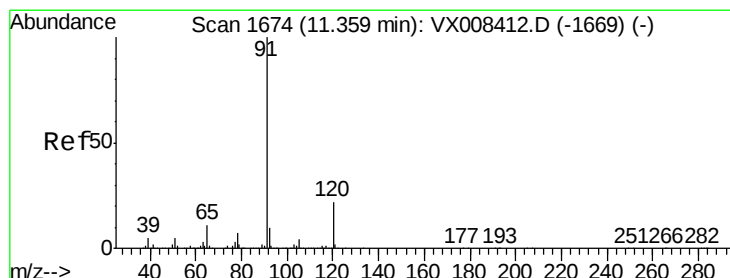
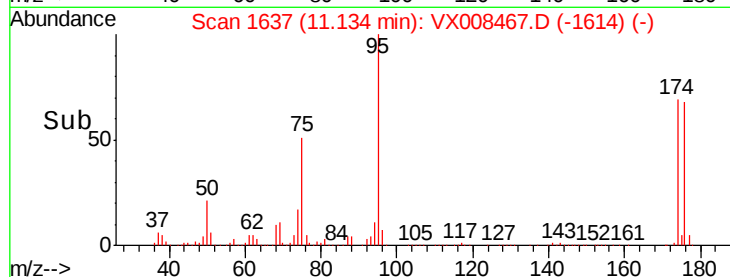
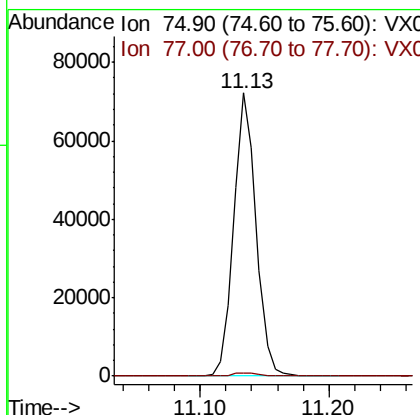
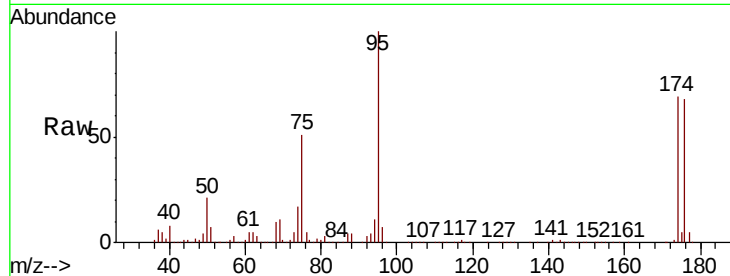




#76
 1,2,3-Trichloropropane
 Concen: 19.709 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008467.D
 Acq: 26 Mar 2019 20:17

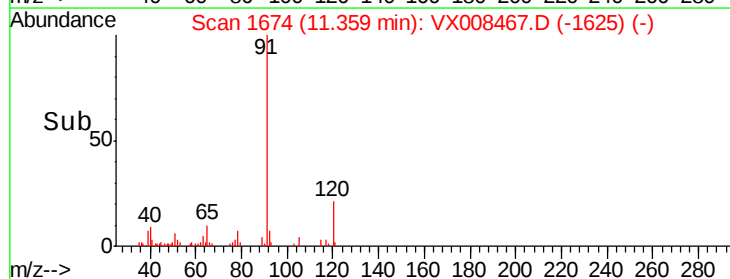
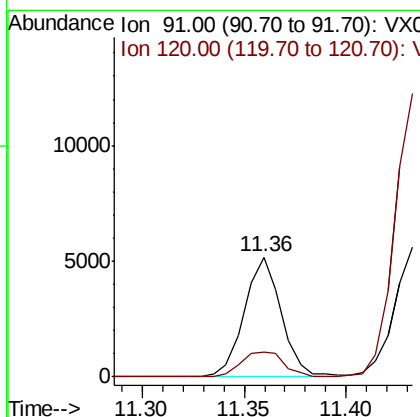
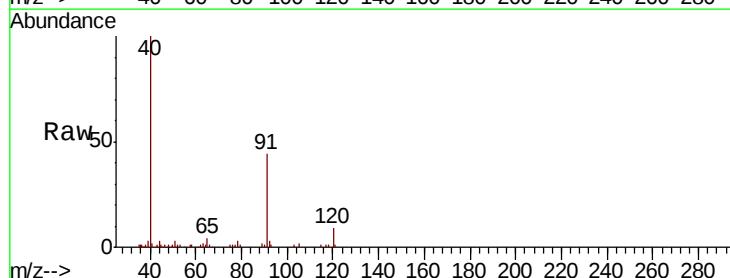
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107DL

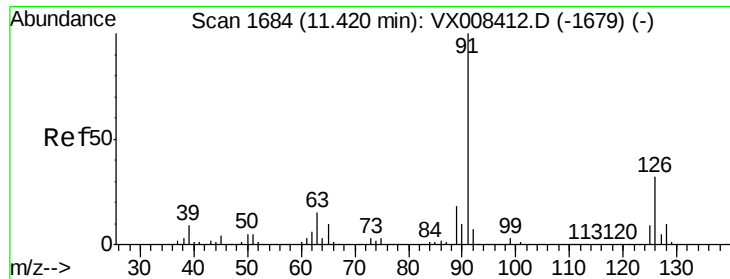
Tot Ion: 75 Resp: 87359
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.9 65.7#



#78
 n-propylbenzene
 Concen: 0.460 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX008467.D
 Acq: 26 Mar 2019 20:17

Tgt Ion: 91 Resp: 6530
 Ion Ratio Lower Upper
 91 100
 120 24.0 10.8 32.4





#79

2-Chlorotoluene

Concen: 0.999 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

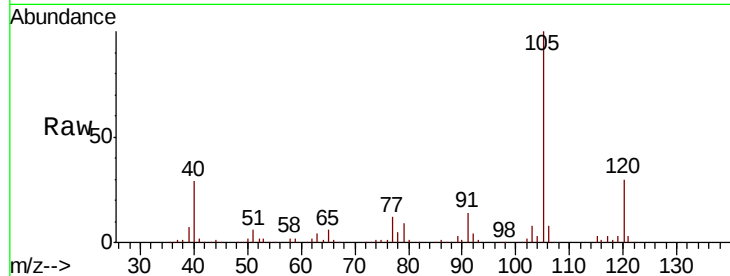
MW-107DL

Tot Ion: 91 Resp: 8634

Ion Ratio Lower Upper

91 100

126 0.2 15.7 47.1#



Abundance Ion 91.00 (90.70 to 91.70): VX008412.D (-1679) (-)

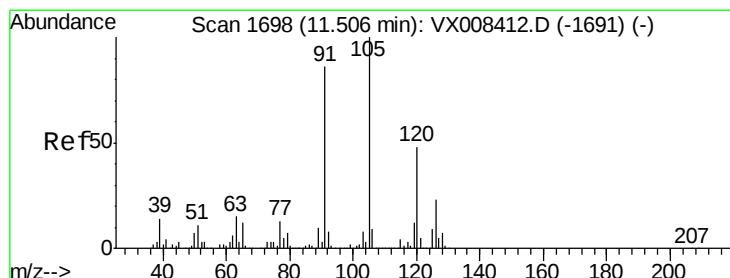
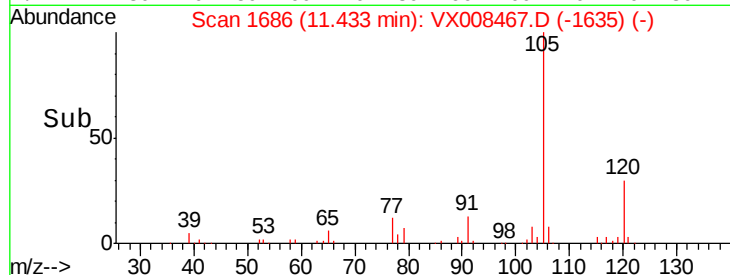
Ion 125.90 (125.60 to 126.60): VX008412.D (-1679) (-)

11.43

11.45

11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 1.959 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008467.D

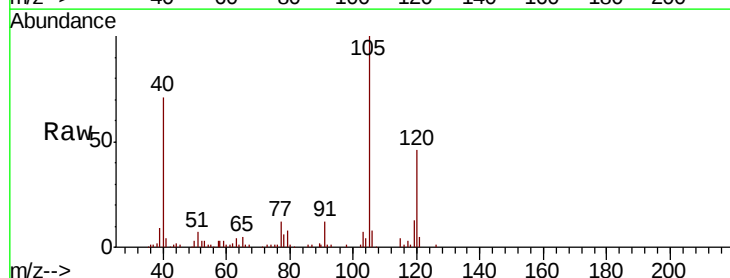
Acq: 26 Mar 2019 20:17

Tgt Ion: 105 Resp: 20088

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VX008412.D (-1691) (-)

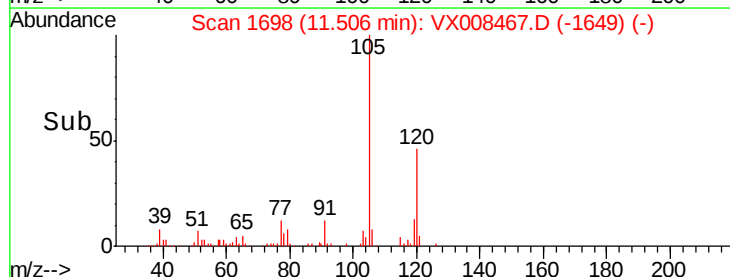
Ion 120.00 (119.70 to 120.70): VX008412.D (-1691) (-)

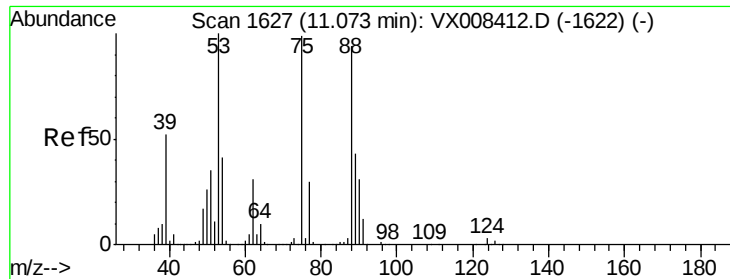
11.51

11.55

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 63.124 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

MW-107DL

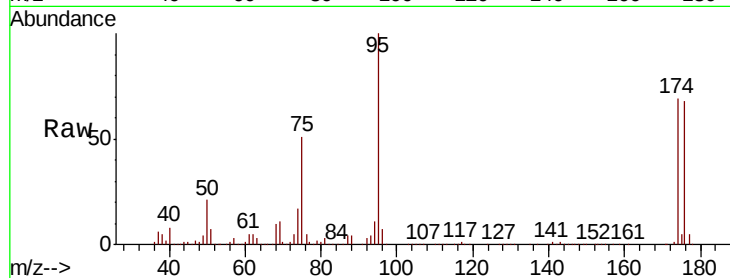
Tot Ion: 75 Resp: 87359

Ion Ratio Lower Upper

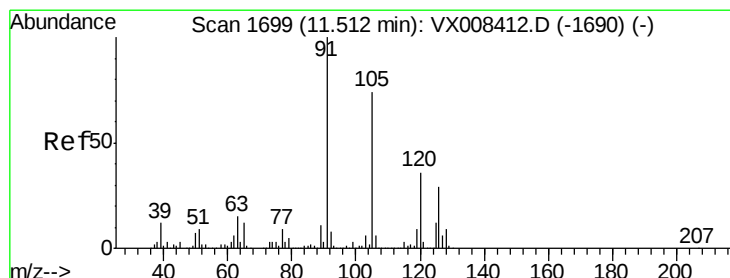
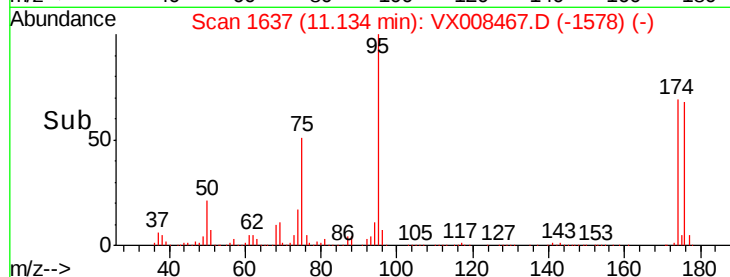
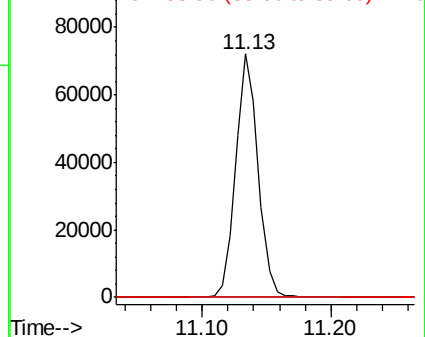
75 100

53 0.1 82.1 123.1#

89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.263 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008467.D

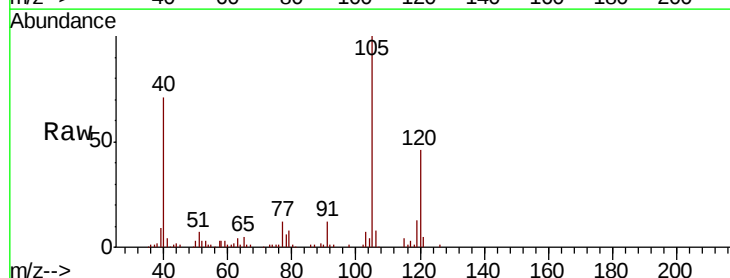
Acq: 26 Mar 2019 20:17

Tgt Ion: 91 Resp: 2617

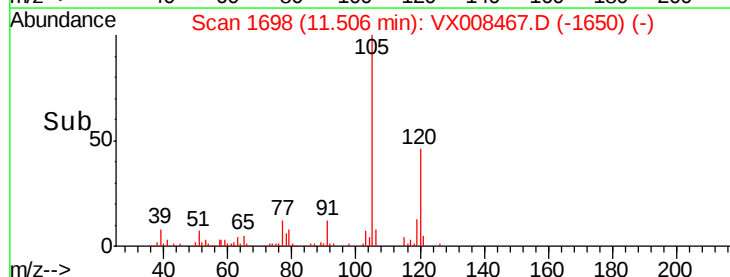
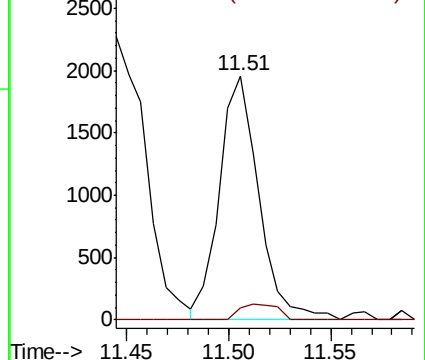
Ion Ratio Lower Upper

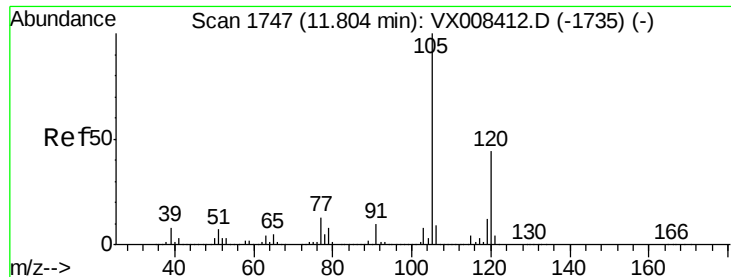
91 100

126 6.3 13.9 41.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 7.240 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

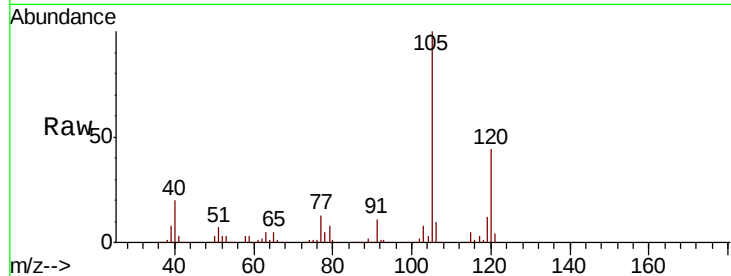
MW-107DL

Tot Ion:105 Resp: 75097

Ion Ratio Lower Upper

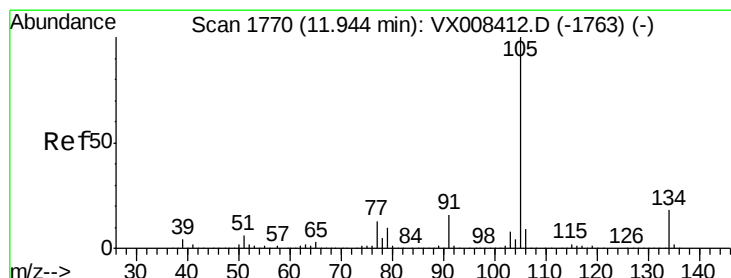
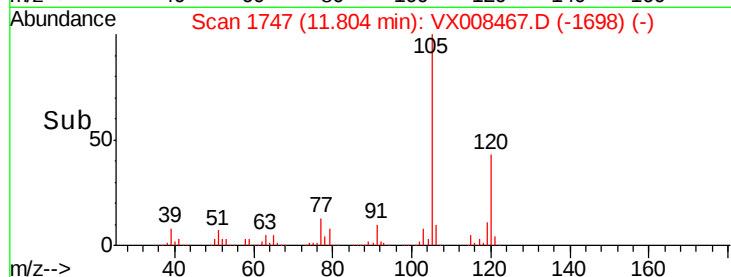
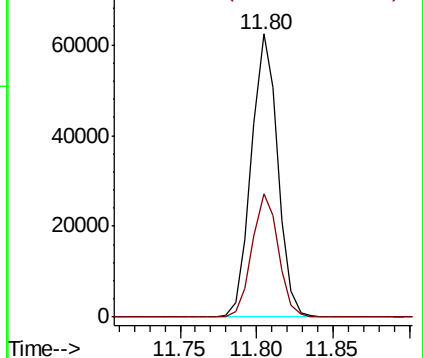
105 100

120 43.3 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 6.374 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX008467.D

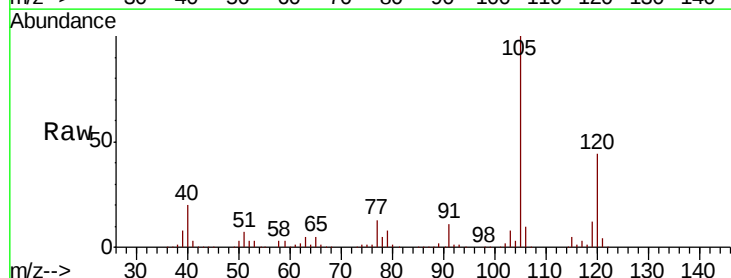
Acq: 26 Mar 2019 20:17

Tgt Ion:105 Resp: 75097

Ion Ratio Lower Upper

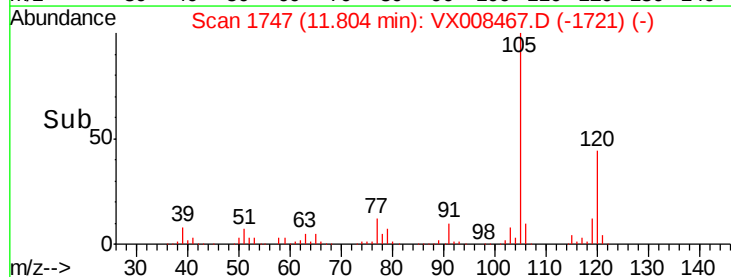
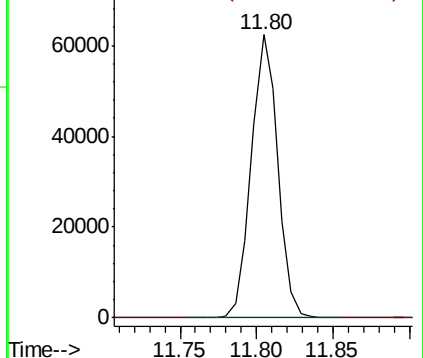
105 100

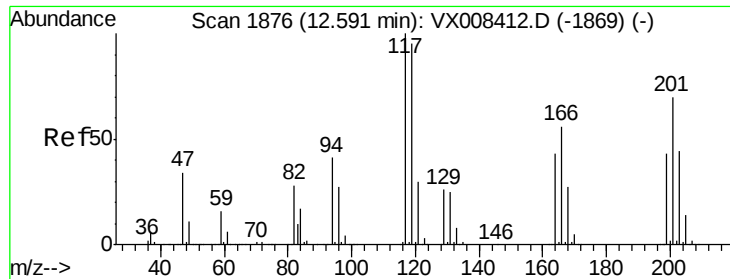
134 0.0 9.3 28.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.276 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

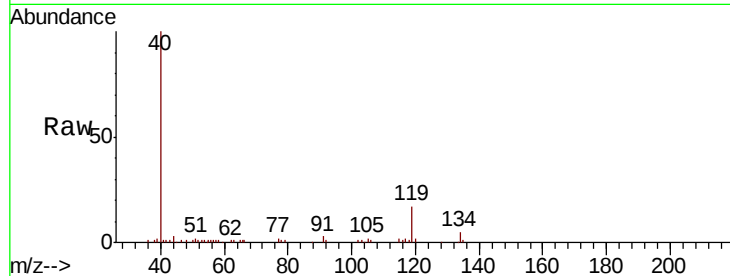
MW-107DL

Tot Ion:117 Resp: 478

Ion Ratio Lower Upper

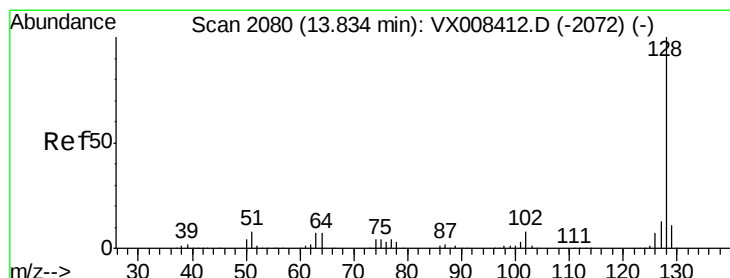
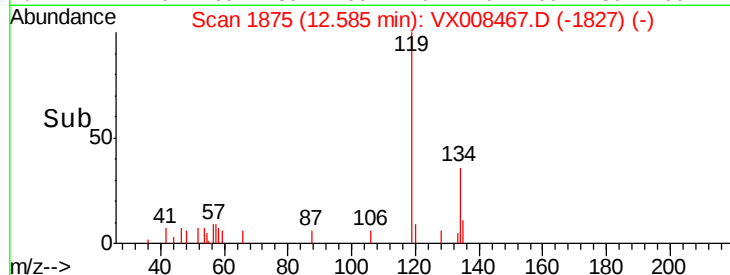
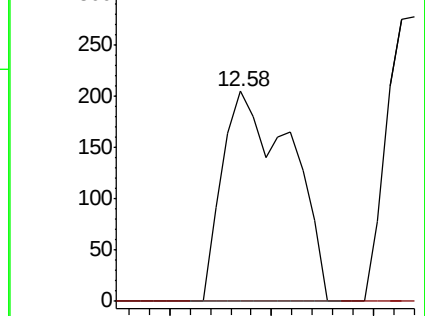
117 100

201 0.0 39.4 118.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 1.695 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008467.D

Acq: 26 Mar 2019 20:17

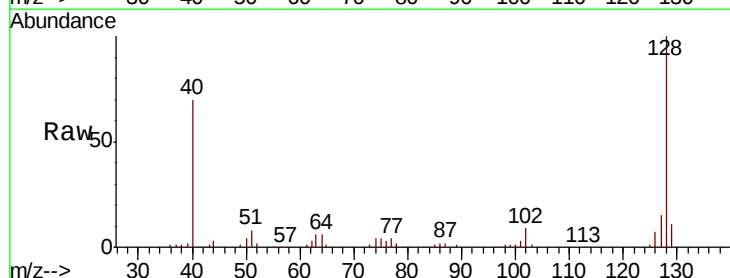
Tgt Ion:128 Resp: 20608

Ion Ratio Lower Upper

128 100

127 14.1 10.4 15.6

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

