

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032619\
 Data File : VX008466.D
 Acq On : 26 Mar 2019 19:54
 Operator : JC/SP
 Sample : K2089-01DL 200X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106DL

Quant Time: Mar 27 01:55:26 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	241560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	406291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	351034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151653	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	167729	45.80	ug/l	0.00
Spiked Amount			Recovery	=	91.60%	
35) Dibromofluoromethane	5.49	113	124069	46.83	ug/l	0.00
Spiked Amount			Recovery	=	93.66%	
50) Toluene-d8	8.71	98	511869	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.13	95	176712	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	465	Below Cal	#	69
5) Bromomethane	1.65	94	593	2.082	ug/l #	46
6) Chloroethane	1.60	64	3084	1.309	ug/l #	65
10) Methyl Iodide	2.51	142	63	4.151	ug/l #	42
11) Tert butyl alcohol	3.04	59	324	0.399	ug/l #	72
13) Acrolein	2.26	56	3681	6.247	ug/l #	1
15) Acrylonitrile	3.15	53	1206	0.567	ug/l #	84
16) Acetone	2.44	43	6558	3.426	ug/l	100
18) Methyl Acetate	2.77	43	1454	0.316	ug/l #	71
20) Methylene Chloride	2.85	84	880	Below Cal	#	78
21) trans-1,2-Dichloroethene	3.16	96	499	Below Cal	#	82
25) 2-Butanone	4.68	43	7085	2.309	ug/l	95
29) Tetrahydrofuran	5.15	42	453	0.224	ug/l	92
31) Cyclohexane	5.57	56	4494	0.766	ug/l	95
36) 1,1-Dichloropropene	5.66	75	19866	4.586	ug/l #	51
37) Ethyl Acetate	4.68	43	7253	1.292	ug/l #	71
38) Carbon Tetrachloride	5.67	117	24057	6.654	ug/l #	16
39) Methylcyclohexane	7.46	83	2138	0.413	ug/l	95
40) Benzene	6.14	78	123863	9.551	ug/l	100
49) 1,4-Dioxane	7.74	88	20	0.224	ug/l #	1
52) Toluene	8.78	92	789812	101.853	ug/l	99
53) t-1,3-Dichloropropene	8.78	75	9429	2.089	ug/l #	1
67) Ethyl Benzene	10.25	91	76131	5.284	ug/l	98
68) m/p-Xylenes	10.35	106	147818	28.202	ug/l	100
69) o-Xylene	10.69	106	62653	12.318	ug/l	100
70) Styrene	10.70	104	3815	0.434	ug/l #	1
73) Isopropylbenzene	11.02	105	5343	0.433	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	90686	20.114	ug/l #	34
78) n-propylbenzene	11.36	91	13547	0.937	ug/l	97
79) 2-Chlorotoluene	11.43	91	8836	1.005	ug/l #	48
80) 1,3,5-Trimethylbenzene	11.51	105	20549	1.970	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	90686	64.423	ug/l #	9
82) 4-Chlorotoluene	11.51	91	2991	0.295	ug/l #	66
84) 1,2,4-Trimethylbenzene	11.80	105	79153	7.503	ug/l	99

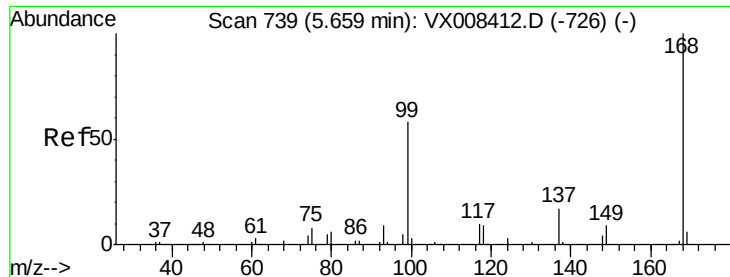
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.80	105	79153	6.605	ug/l #	58
89) n-Butylbenzene	12.38	91	2226	0.222	ug/l #	53
90) Hexachloroethane	12.58	117	550	0.312	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.65	180	777	0.215	ug/l	92
95) Naphthalene	13.83	128	25100	2.030	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008466.D

Acq: 26 Mar 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

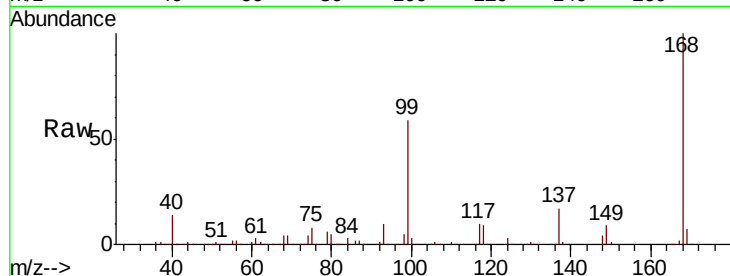
MW-106DL

Tot Ion:168 Resp: 241560

Ion Ratio Lower Upper

168 100

99 58.9 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

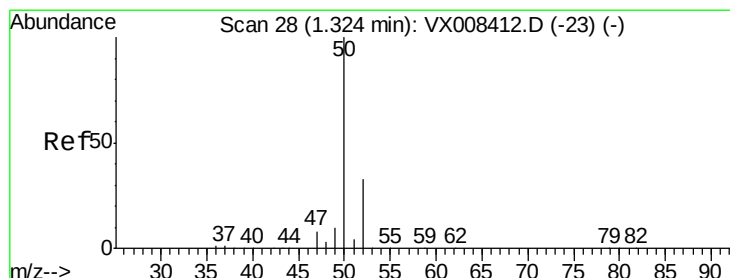
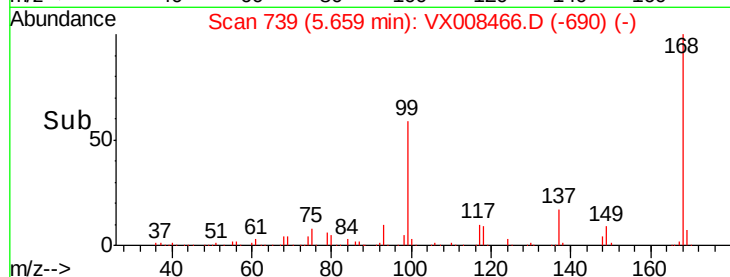
40000

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: VX008466.D

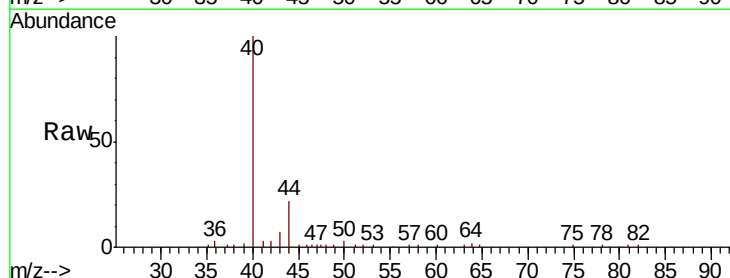
Acq: 26 Mar 2019 19:54

Tgt Ion: 50 Resp: 465

Ion Ratio Lower Upper

50 100

52 15.4 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

400

300

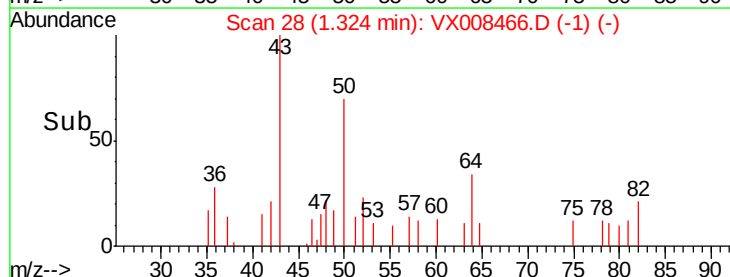
200

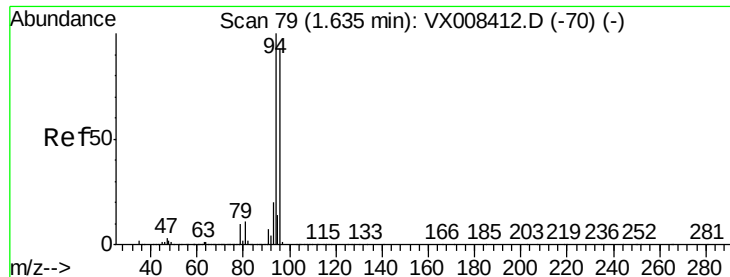
100

0

Time-->

1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 2.082 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX008466.D

Acq: 26 Mar 2019 19:54

Instrument :

MSVOA_X

ClientSampled :

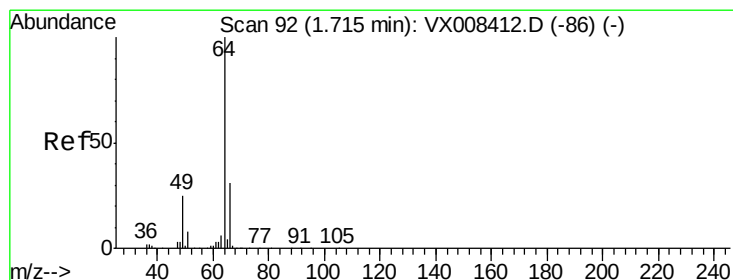
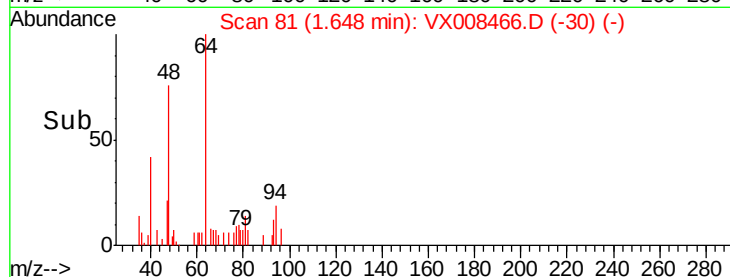
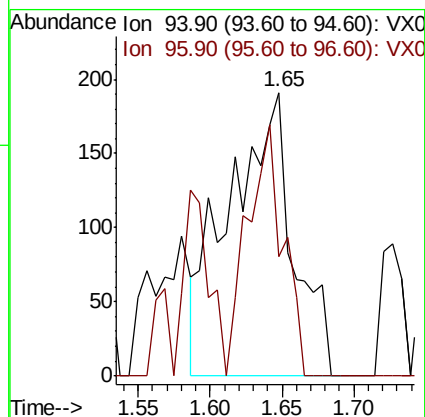
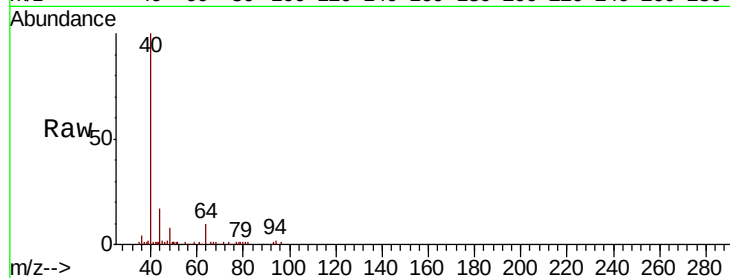
MW-106DL

Tot Ion: 94 Resp: 593

Ion Ratio Lower Upper

94 100

96 41.9 74.8 112.2#



#6

Chloroethane

Concen: 1.309 ug/l

RT: 1.60 min Scan# 74

Delta R.T. -0.11 min

Lab File: VX008466.D

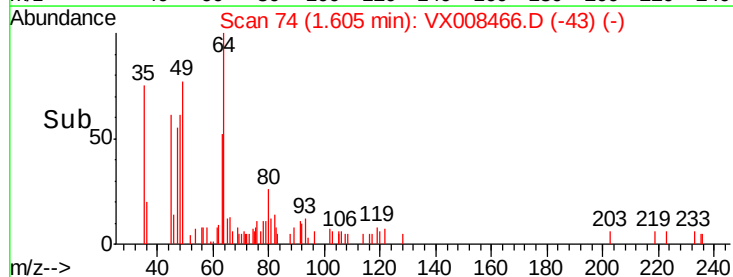
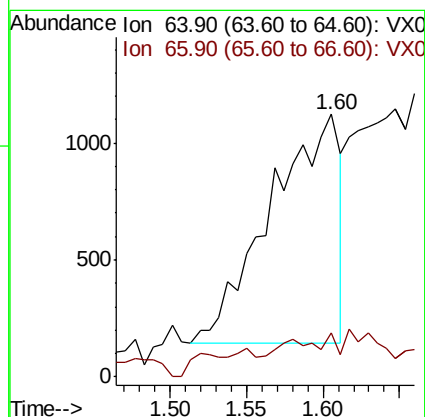
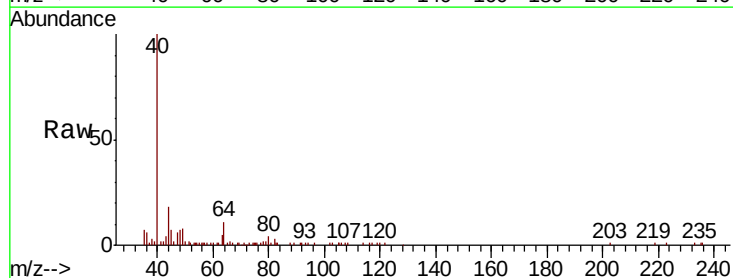
Acq: 26 Mar 2019 19:54

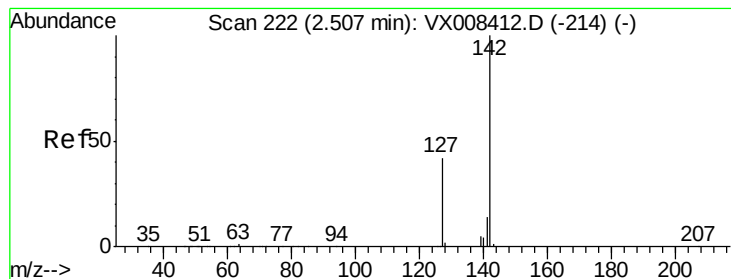
Tgt Ion: 64 Resp: 3084

Ion Ratio Lower Upper

64 100

66 12.1 25.1 37.7#





#10

Methvl Iodide

Concen: 4.151 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008466.D

Acq: 26 Mar 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MW-106DL

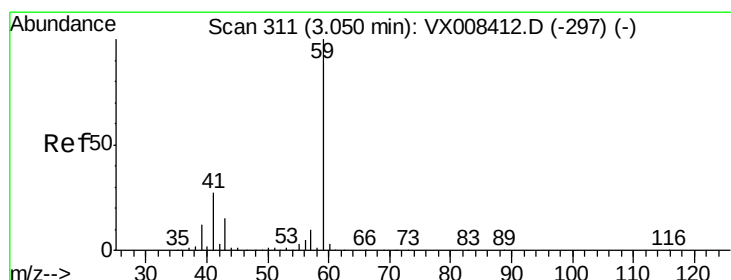
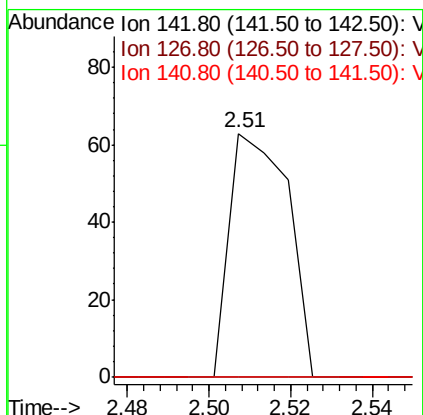
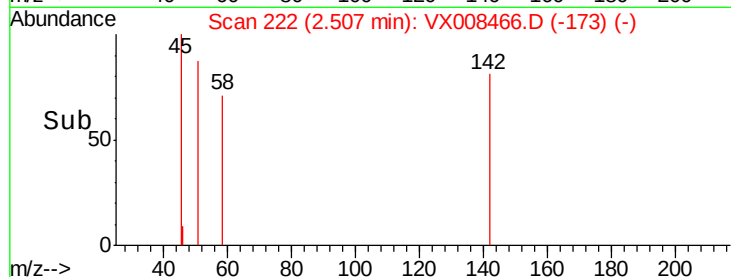
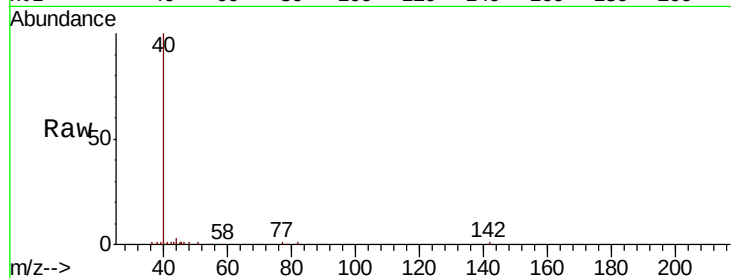
Tot Ion:142 Resp: 63

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: 0.399 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX008466.D

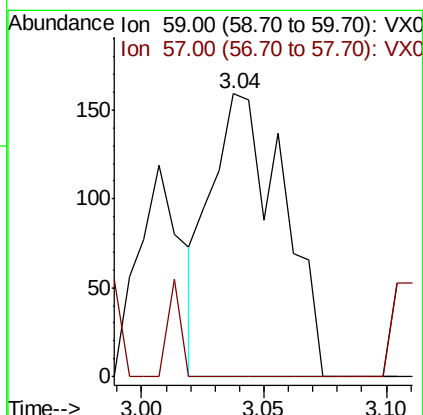
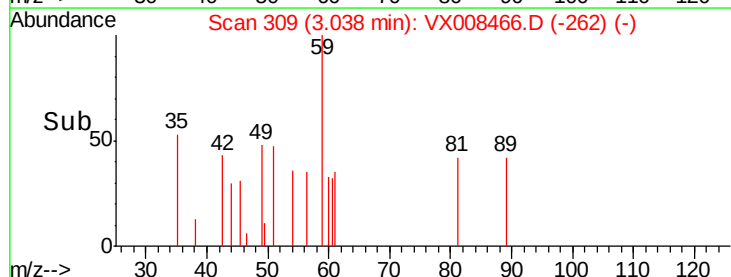
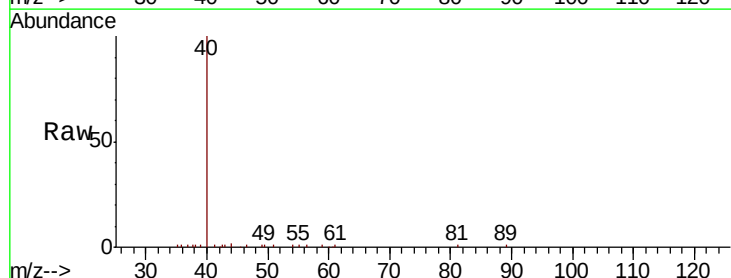
Acq: 26 Mar 2019 19:54

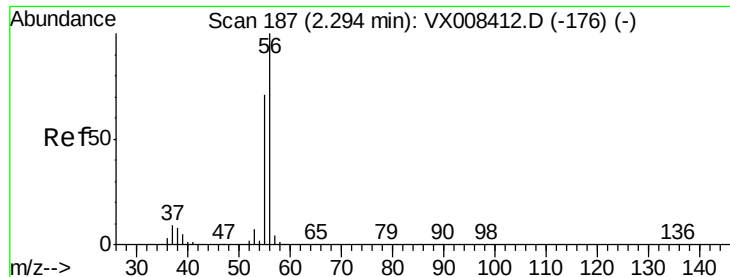
Tgt Ion: 59 Resp: 324

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#





#13

Acrolein

Concen: 6.247 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX008466.D

Acq: 26 Mar 2019 19:54

Instrument :

MSVOA_X

ClientSampled :

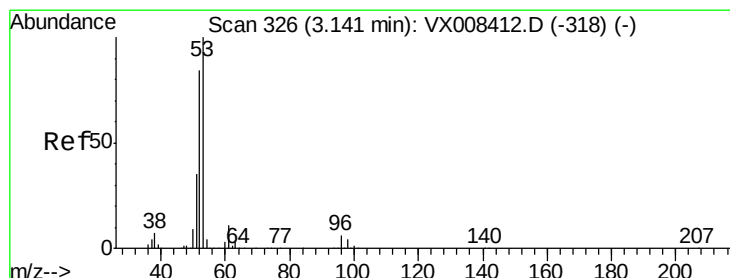
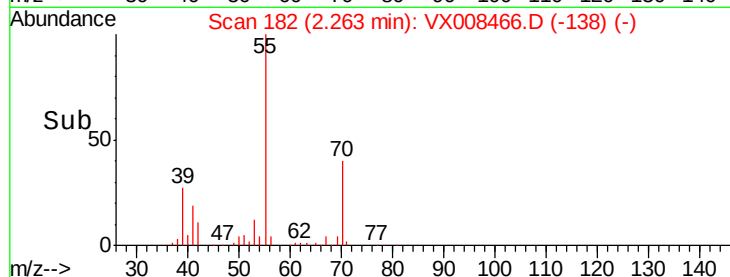
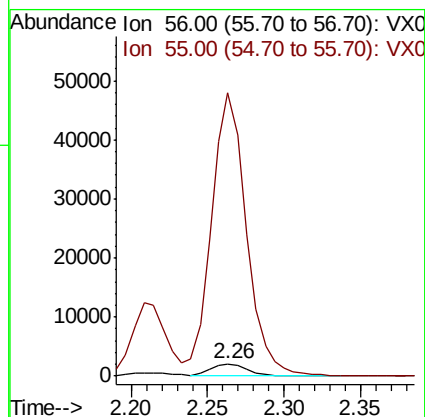
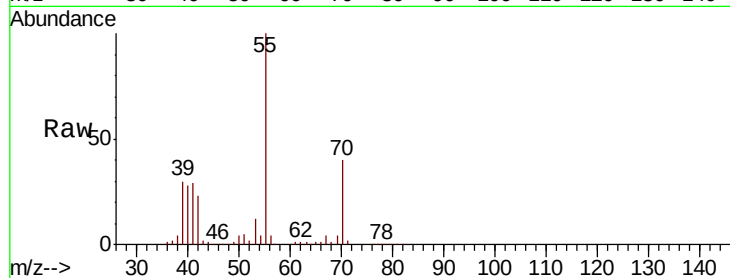
MW-106DL

Tot Ion: 56 Resp: 3681

Ion Ratio Lower Upper

56 100

55 2068.8 56.5 84.7#



#15

Acrylonitrile

Concen: 0.567 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX008466.D

Acq: 26 Mar 2019 19:54

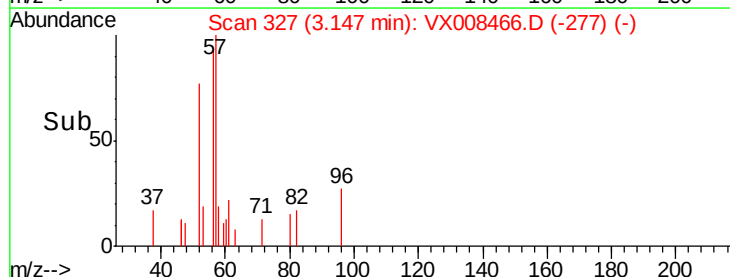
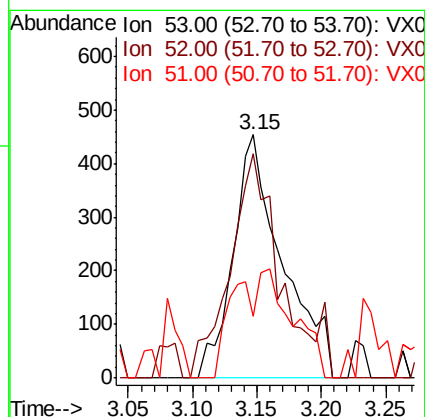
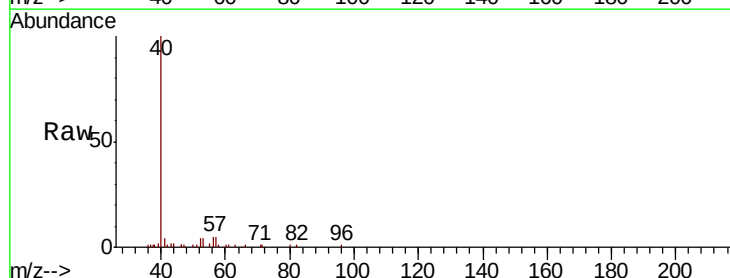
Tgt Ion: 53 Resp: 1206

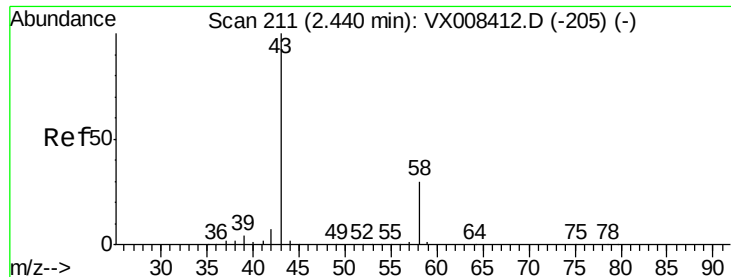
Ion Ratio Lower Upper

53 100

52 94.6 66.5 99.7

51 21.8 28.3 42.5#

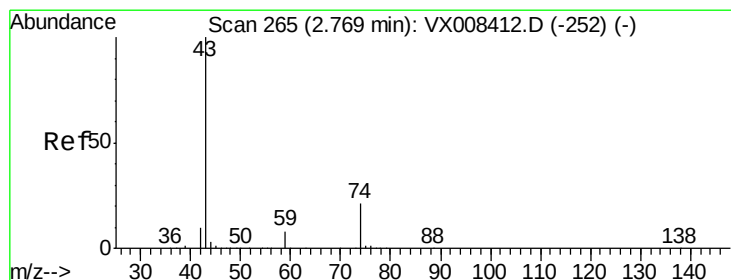
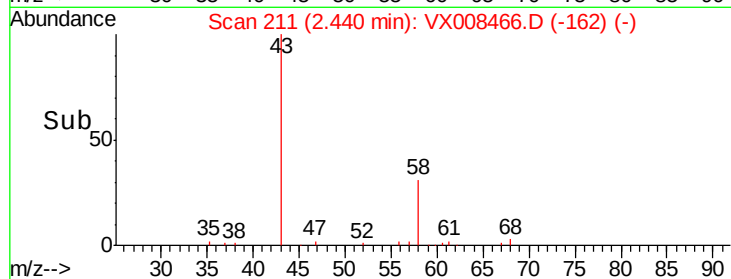
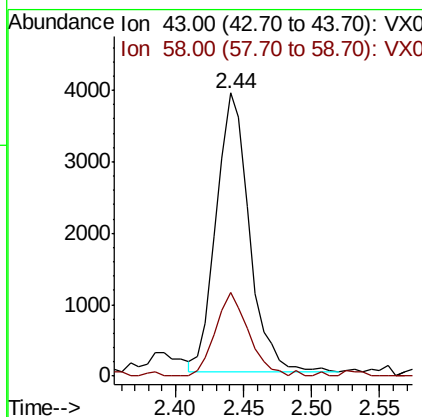
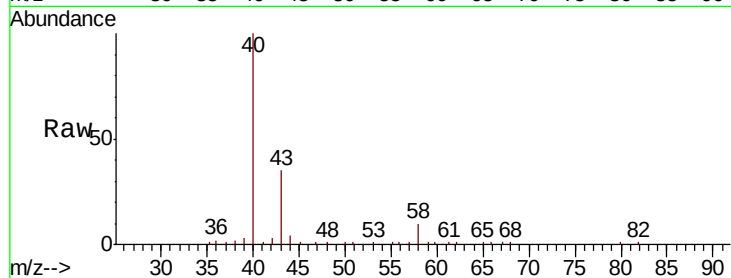




#16
 Acetone
 Concen: 3.426 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VX008466.D
 Acq: 26 Mar 2019 19:54

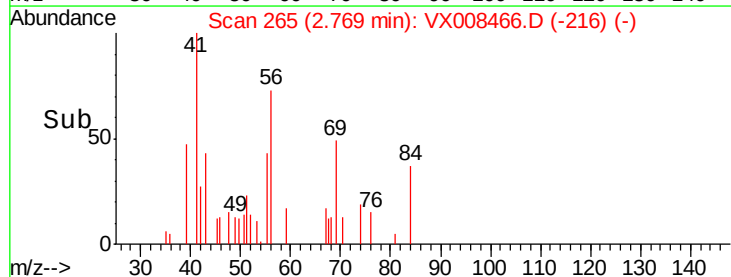
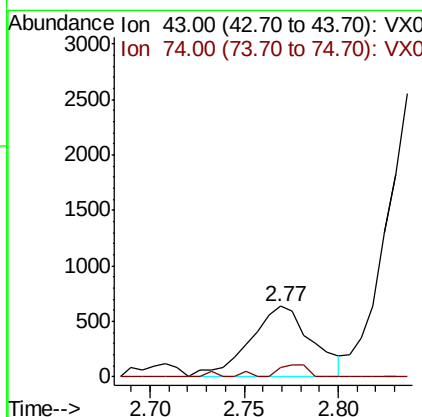
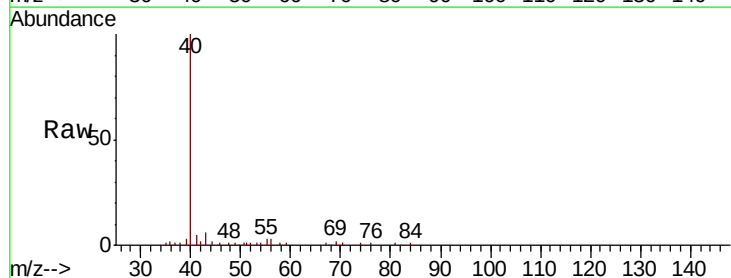
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106DL

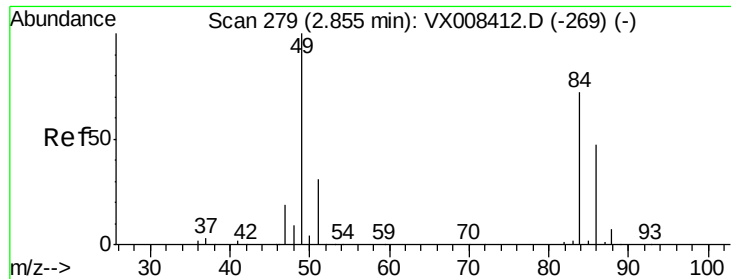
Tot Ion: 43 Resp: 6558
 Ion Ratio Lower Upper
 43 100
 58 30.2 24.2 36.2



#18
 Methyl Acetate
 Concen: 0.316 ug/l
 RT: 2.77 min Scan# 265
 Delta R.T. 0.00 min
 Lab File: VX008466.D
 Acq: 26 Mar 2019 19:54

Tgt Ion: 43 Resp: 1454
 Ion Ratio Lower Upper
 43 100
 74 7.4 16.7 25.1#

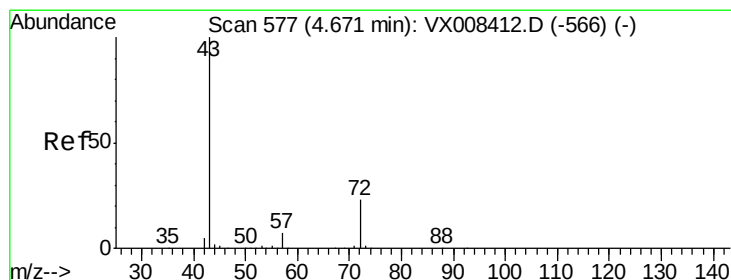
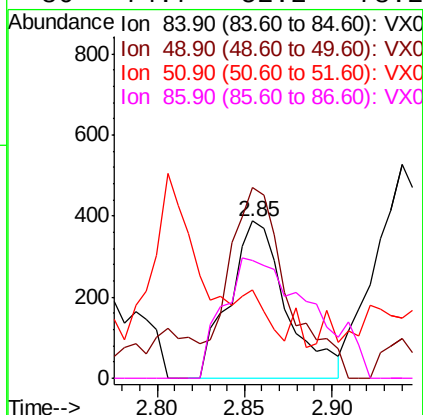
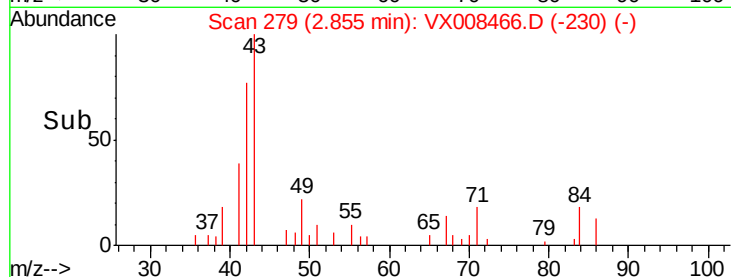
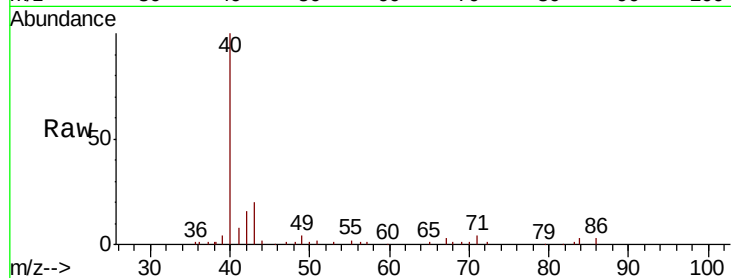




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

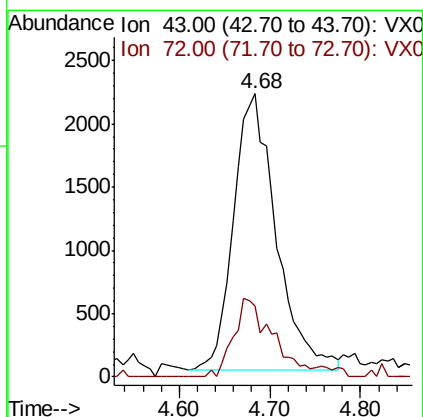
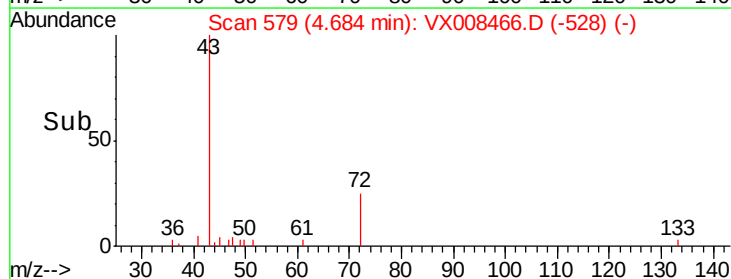
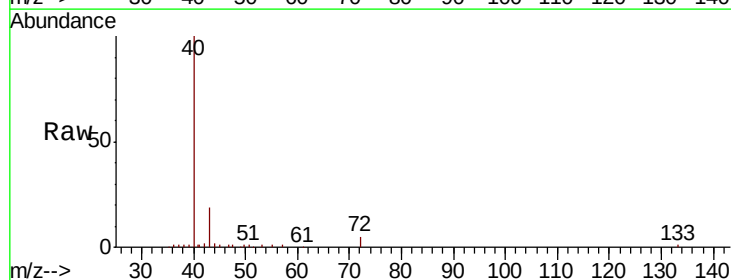
Instrument :
MSVOA_X
ClientSampleId :
MW-106DL

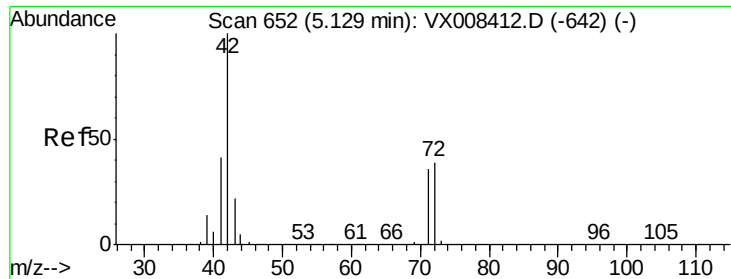
Tot Ion: 84 Resp: 880
Ion Ratio Lower Upper
84 100
49 102.1 110.6 165.8#
51 33.6 33.9 50.9#
86 74.7 52.2 78.2



#25
2-Butanone
Concen: 2.309 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

Tgt Ion: 43 Resp: 7085
Ion Ratio Lower Upper
43 100
72 25.6 18.6 28.0

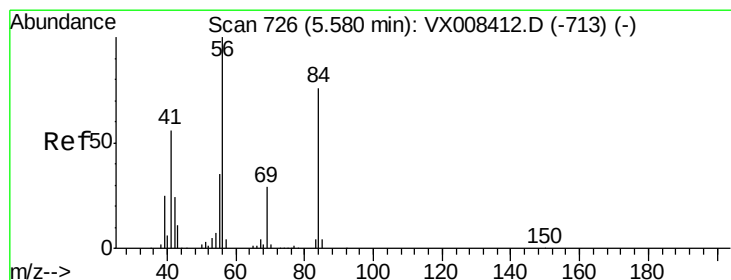
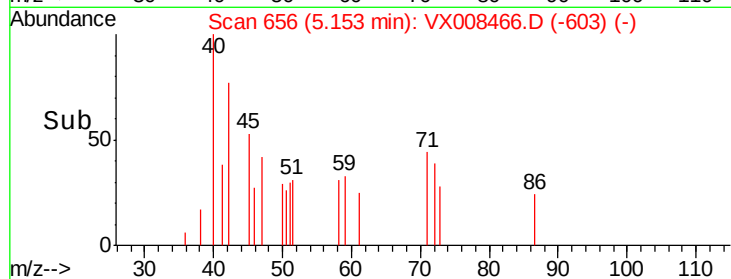
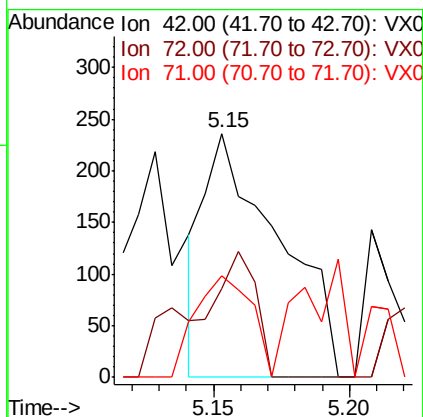
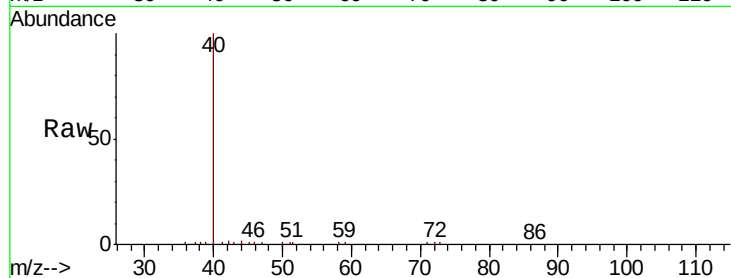




#29
Tetrahydrofuran
Concen: 0.224 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

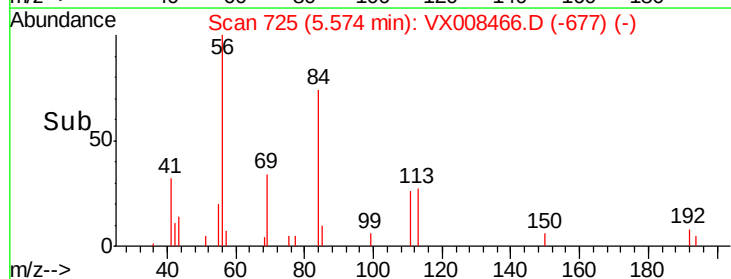
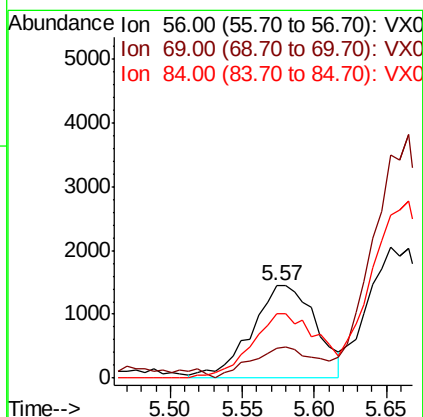
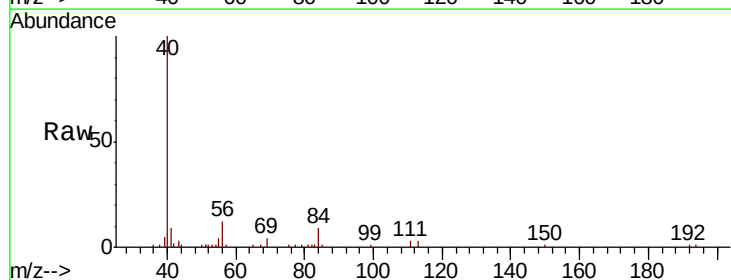
Instrument :
MSVOA_X
ClientSampled :
MW-106DL

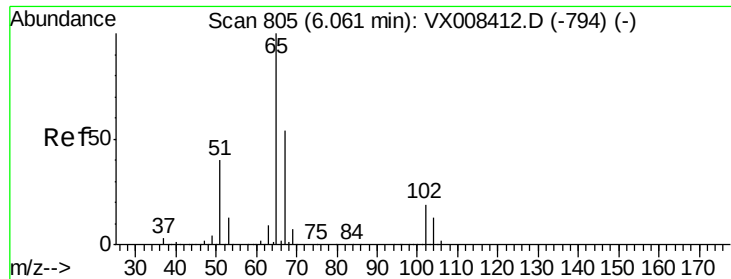
Tot Ion: 42 Resp: 453
Ion Ratio Lower Upper
42 100
72 43.3 31.4 47.2
71 31.1 29.4 44.2



#31
Cyclohexane
Concen: 0.766 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

Tgt Ion: 56 Resp: 4494
Ion Ratio Lower Upper
56 100
69 25.7 23.2 34.8
84 72.1 60.7 91.1

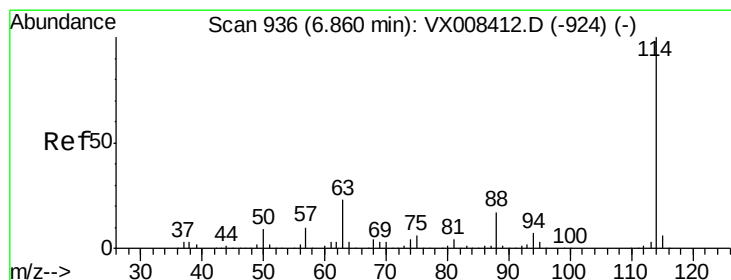
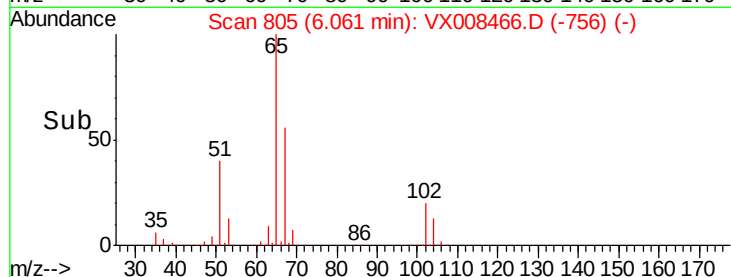
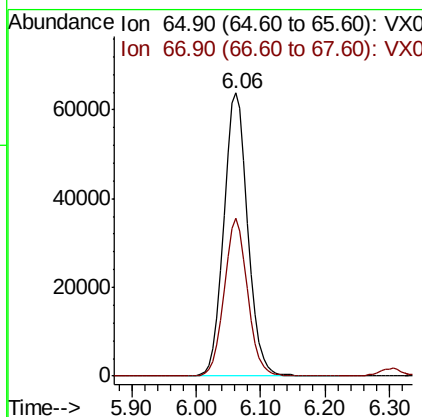
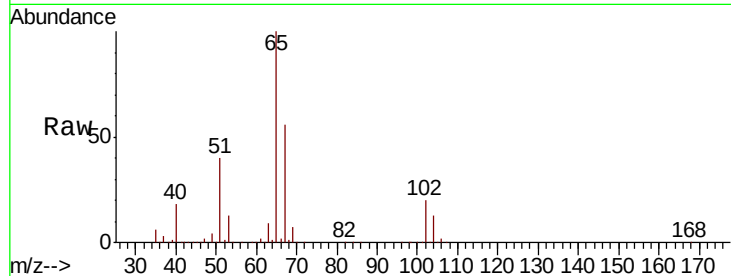




#33
 1,2-Dichloroethane-d4
 Concen: 45.801 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008466.D
 Acq: 26 Mar 2019 19:54

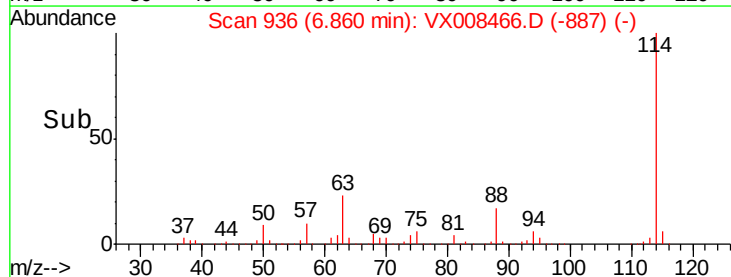
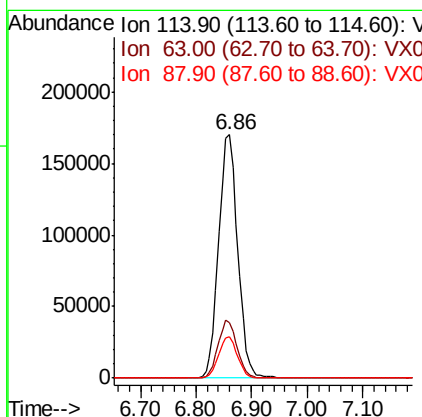
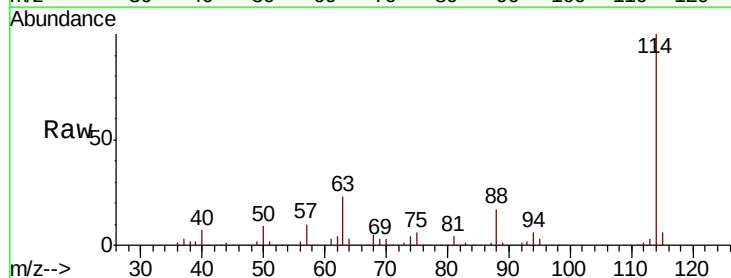
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106DL

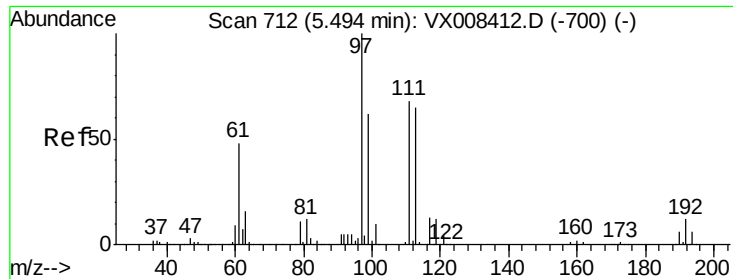
Tot Ion: 65 Resp: 167729
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008466.D
 Acq: 26 Mar 2019 19:54

Tgt Ion: 114 Resp: 406291
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.4
 88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.833 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008466.D

Acq: 26 Mar 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MW-106DL

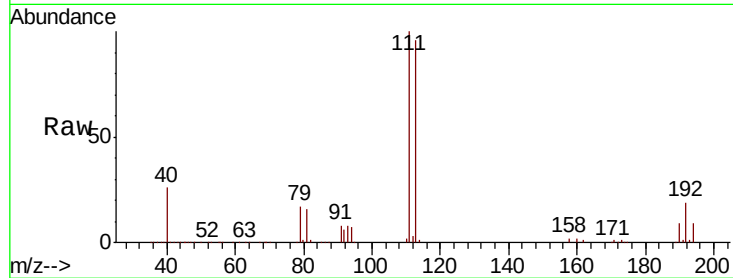
Tot Ion:113 Resp: 124069

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

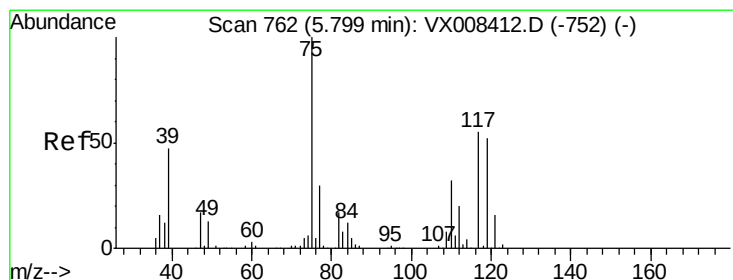
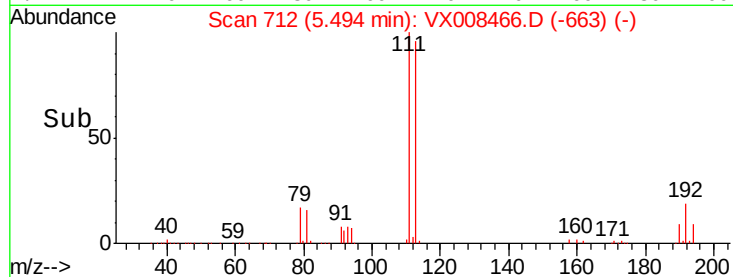
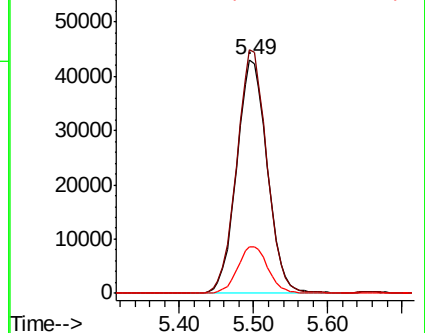
192 19.9 15.6 23.4



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: 4.586 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008466.D

Acq: 26 Mar 2019 19:54

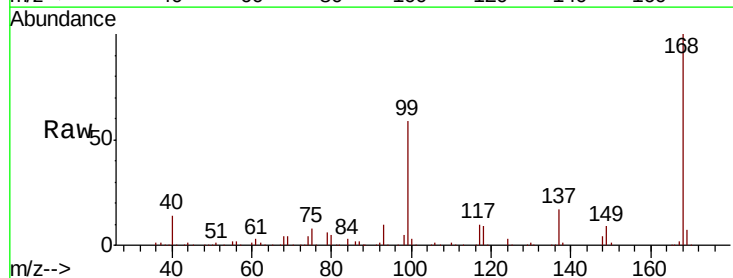
Tgt Ion: 75 Resp: 19866

Ion Ratio Lower Upper

75 100

110 8.9 16.6 49.7#

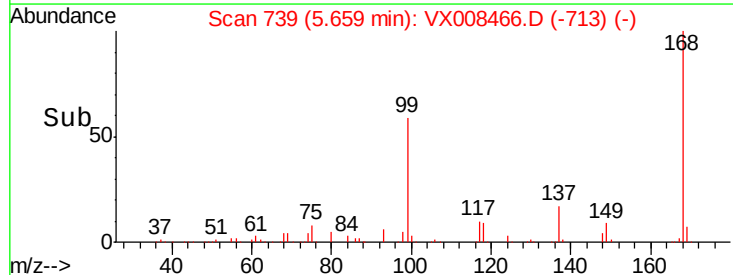
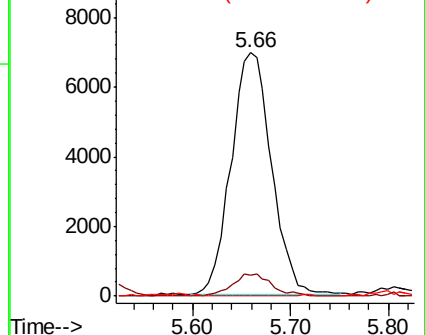
77 0.0 24.2 36.2#

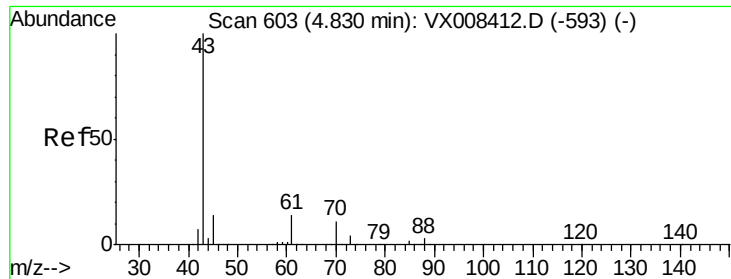


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.292 ug/l

RT: 4.68 min Scan# 579

Delta R.T. -0.15 min

Lab File: VX008466.D

Acq: 26 Mar 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

MW-106DL

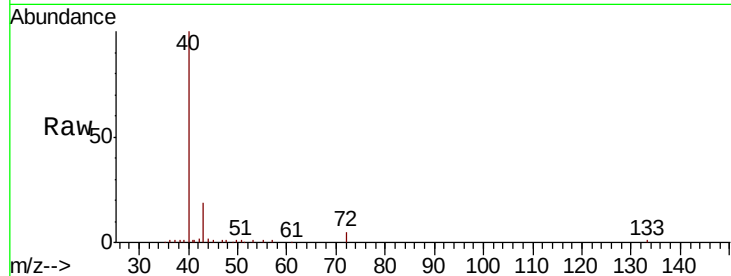
Tot Ion: 43 Resp: 7253

Ion Ratio Lower Upper

43 100

61 0.6 10.5 15.7#

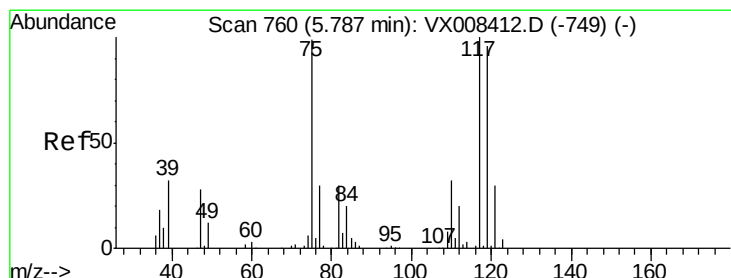
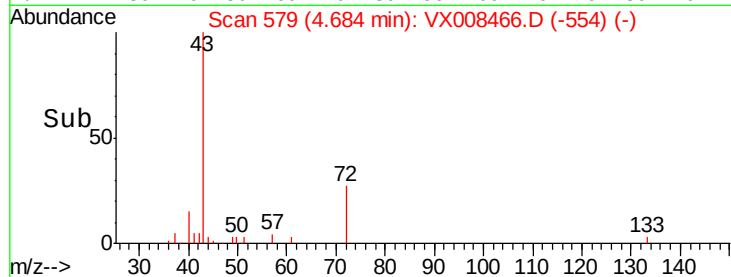
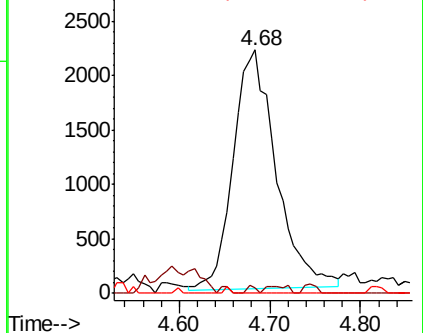
70 0.0 7.8 11.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 6.654 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008466.D

Acq: 26 Mar 2019 19:54

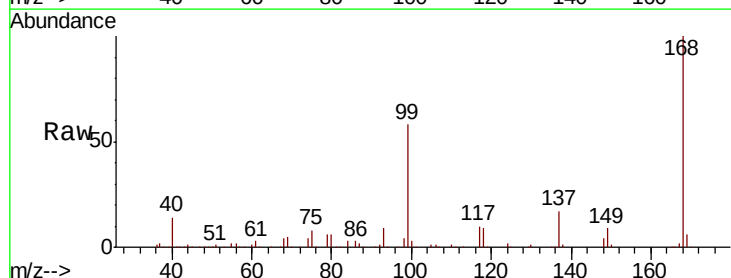
Tgt Ion: 117 Resp: 24057

Ion Ratio Lower Upper

117 100

119 4.9 76.7 115.1#

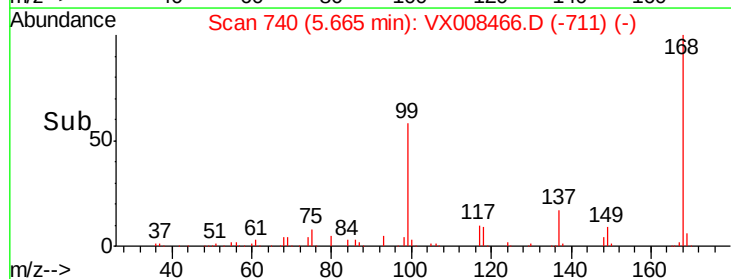
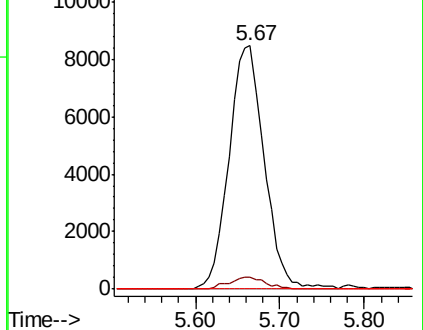
121 0.0 24.3 36.5#

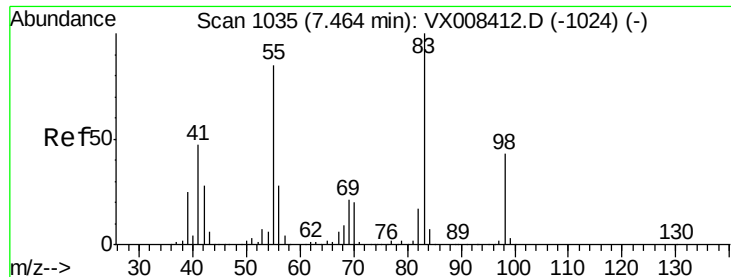


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

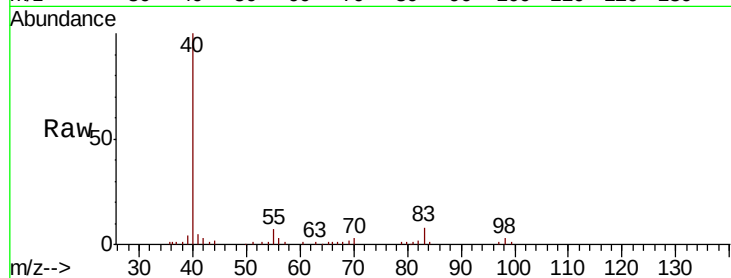




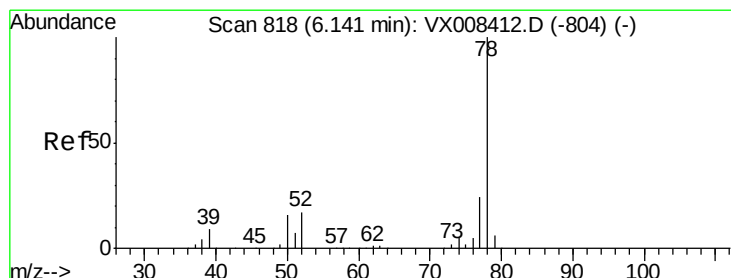
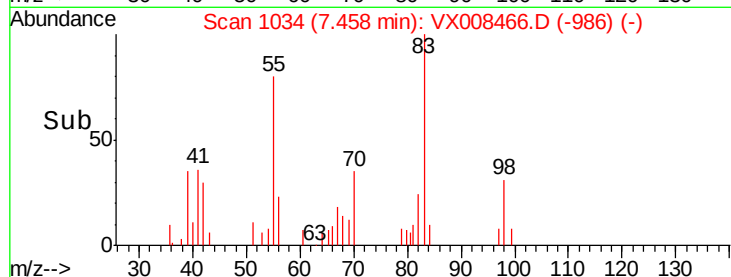
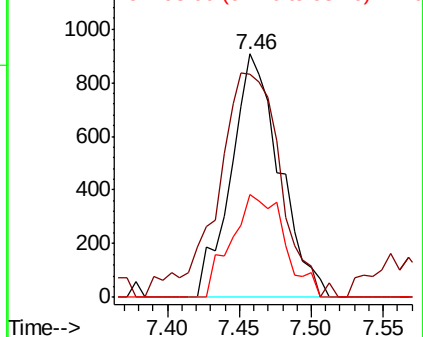
#39
Methylvlcyclohexane
Concen: 0.413 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MW-106DL

Tot Ion: 83 Resp: 2138
Ion Ratio Lower Upper
83 100
55 91.5 68.2 102.4
98 42.0 34.2 51.4

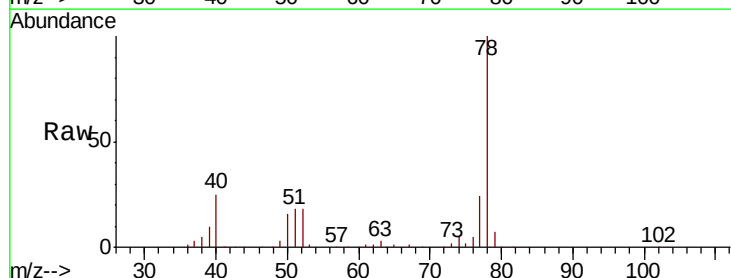


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

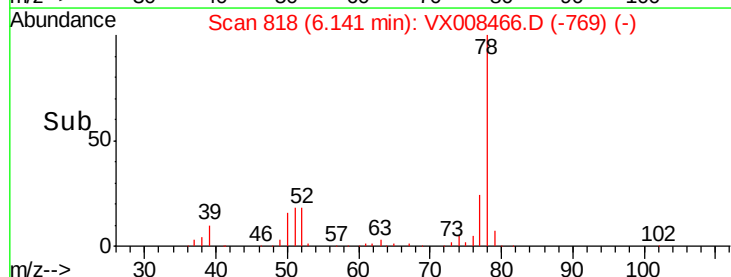
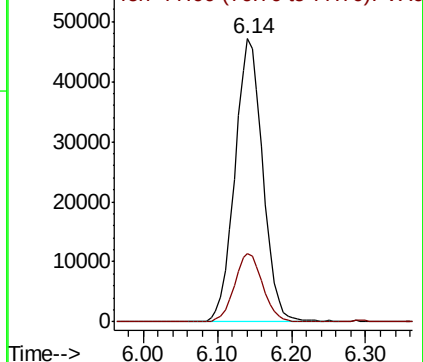


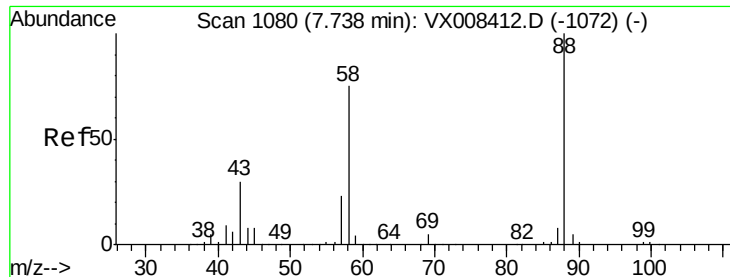
#40
Benzene
Concen: 9.551 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

Tgt Ion: 78 Resp: 123863
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9



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

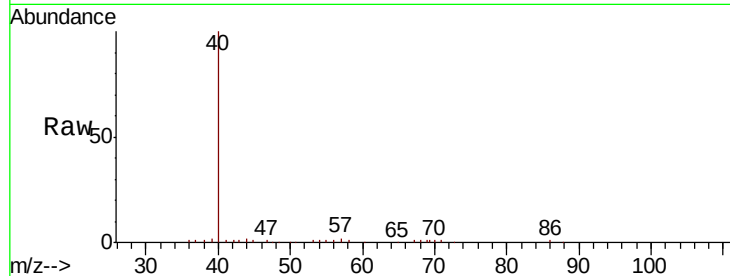




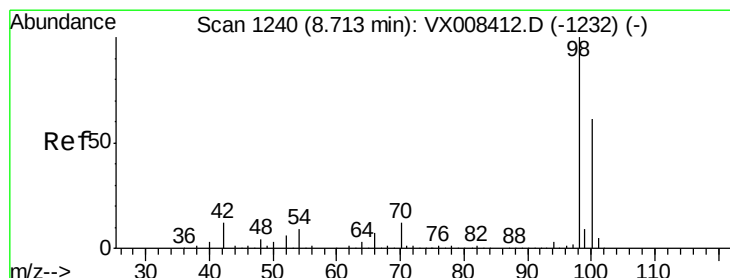
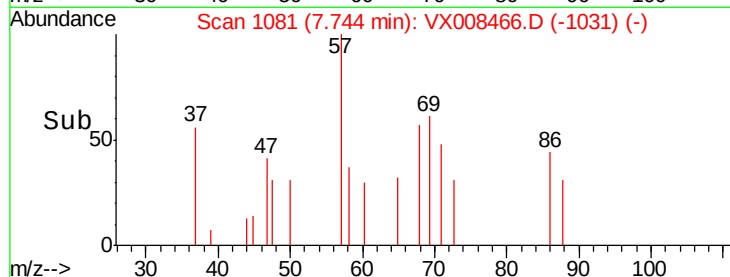
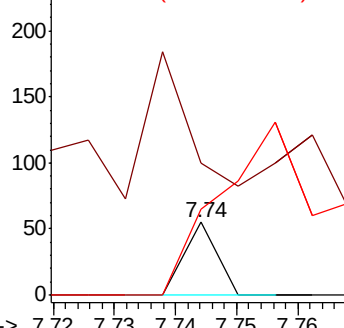
#49
1,4-Dioxane
Concen: 0.224 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MW-106DL

Tot Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 560.0 28.6 43.0#
58 985.0 63.0 94.4#

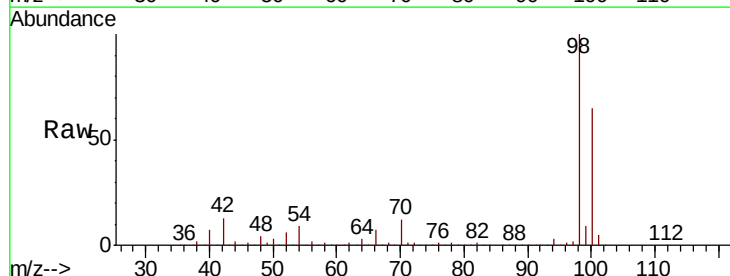


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

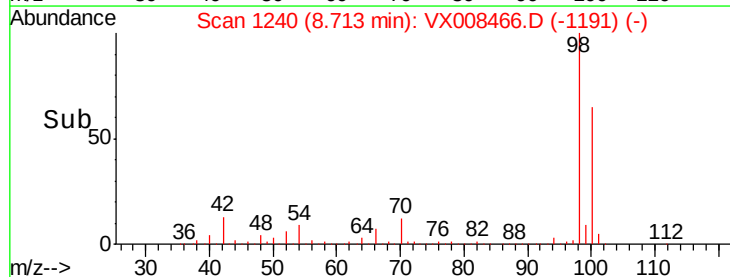
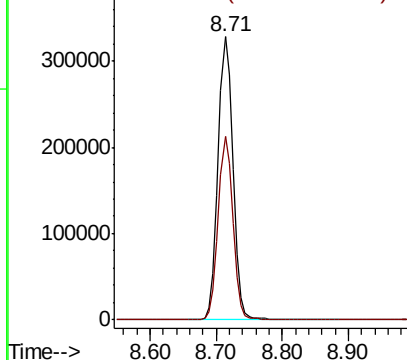


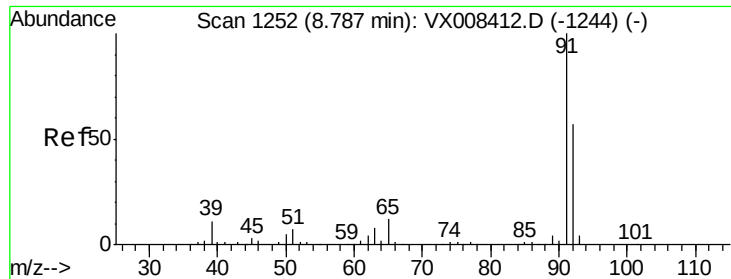
#50
Toluene-d8
Concen: 48.321 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

Tgt Ion: 98 Resp: 511869
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 101.853 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008466.D

Acq: 26 Mar 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

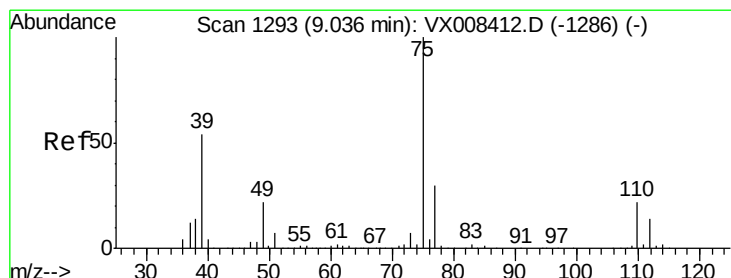
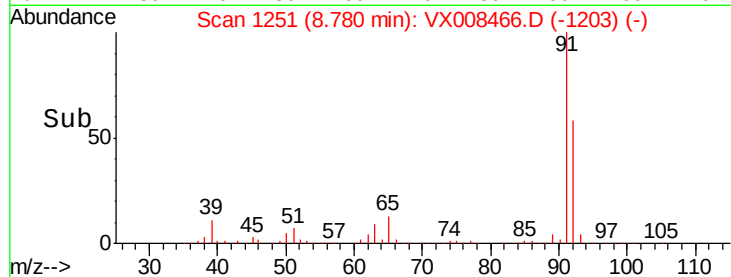
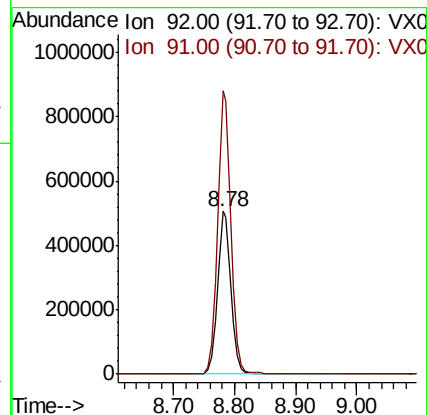
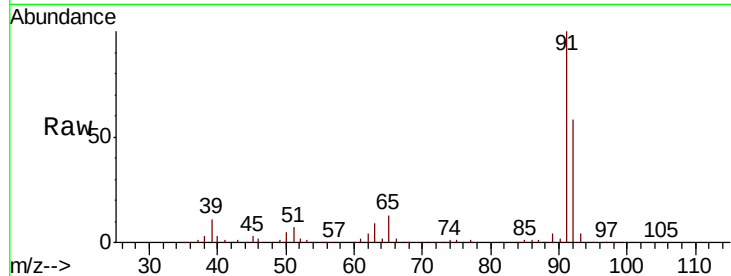
MW-106DL

Tot Ion: 92 Resp: 789812

Ion Ratio Lower Upper

92 100

91 174.0 140.2 210.4



#53

t-1,3-Dichloropropene

Concen: 2.089 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.26 min

Lab File: VX008466.D

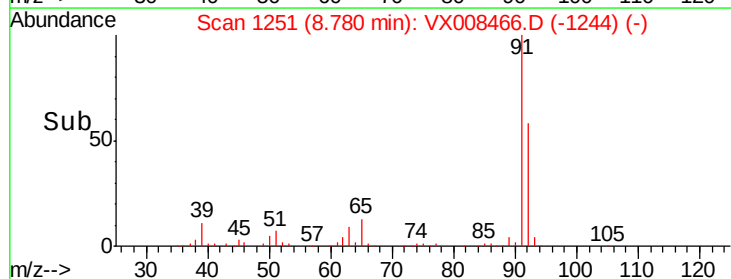
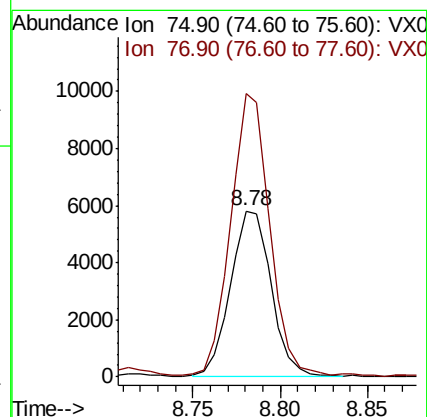
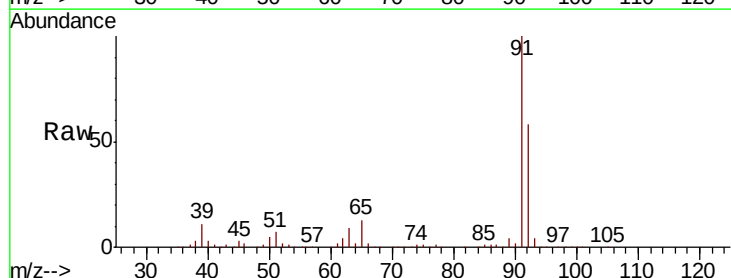
Acq: 26 Mar 2019 19:54

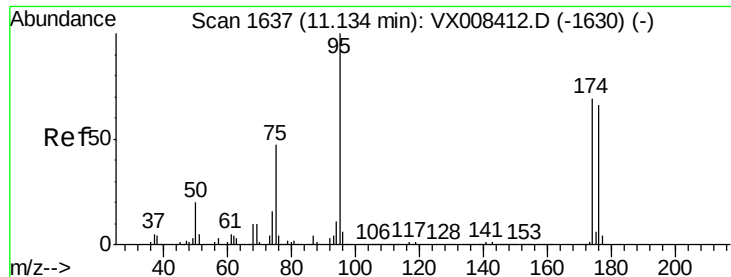
Tgt Ion: 75 Resp: 9429

Ion Ratio Lower Upper

75 100

77 169.2 24.3 36.5#

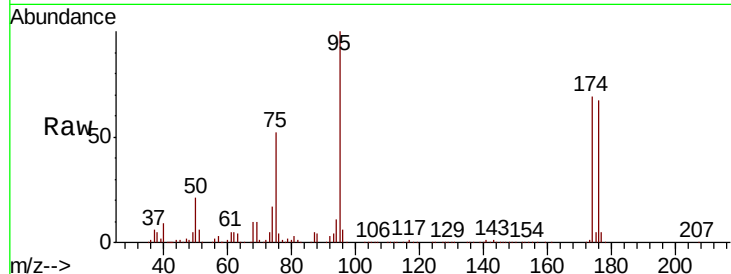




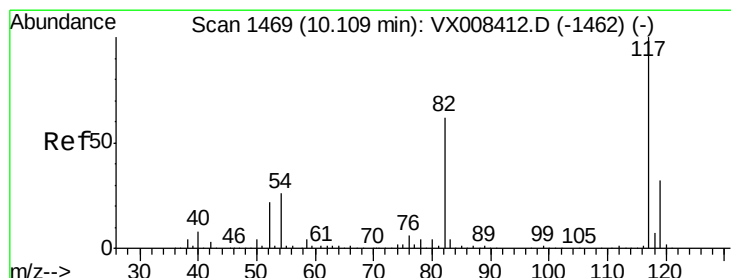
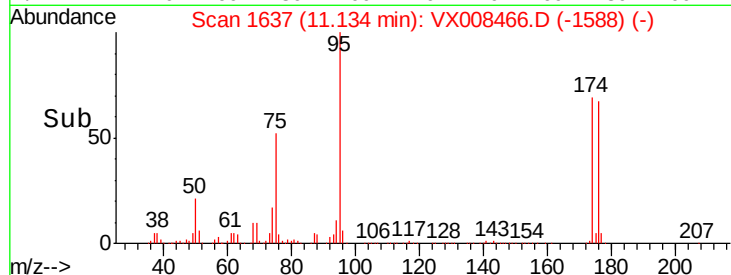
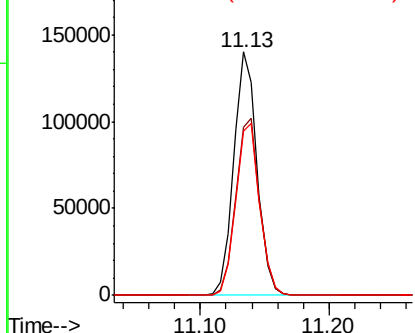
#62
4-Bromofluorobenzene
Concen: 45.018 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MW-106DL

Tot Ion: 95 Resp: 176712
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.2
176 72.2 0.0 142.4

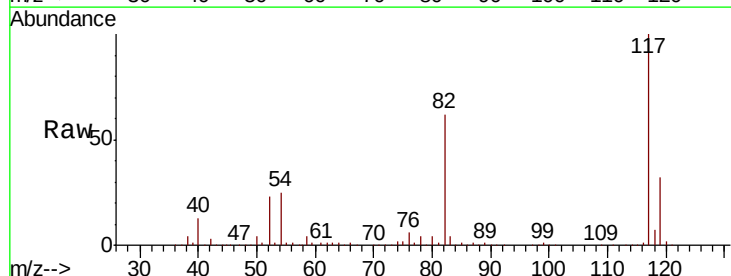


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

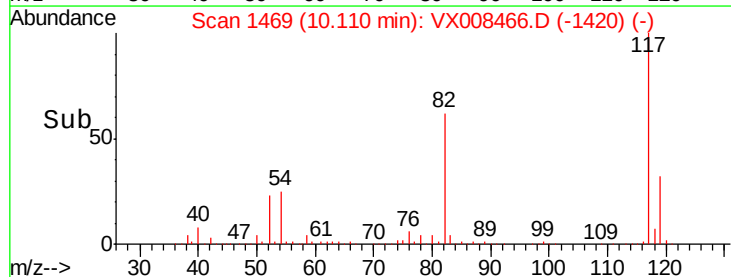
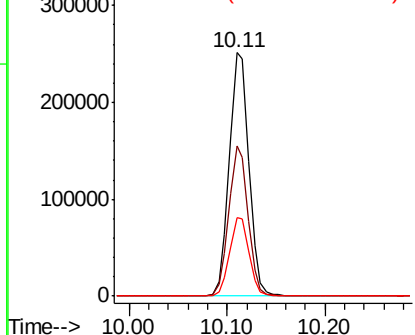


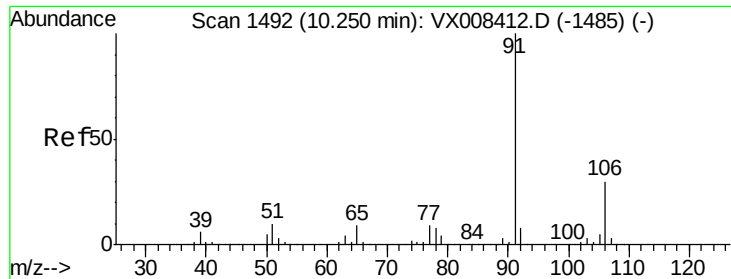
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

Tgt Ion: 117 Resp: 351034
Ion Ratio Lower Upper
117 100
82 61.9 49.4 74.2
119 32.0 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





#67

Ethyl Benzene

Concen: 5.284 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008466.D

Acq: 26 Mar 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

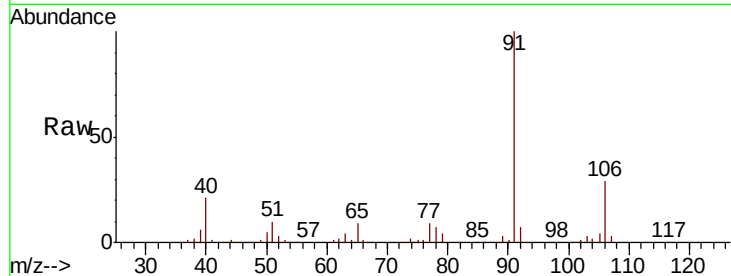
MW-106DL

Tot Ion: 91 Resp: 76131

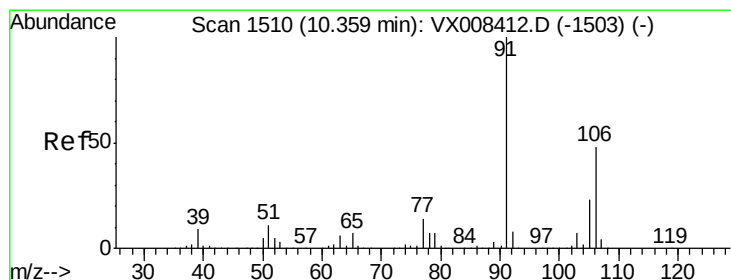
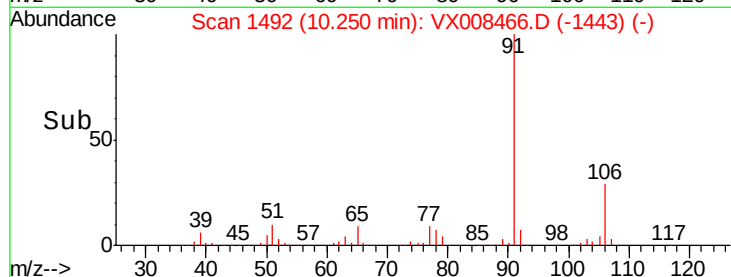
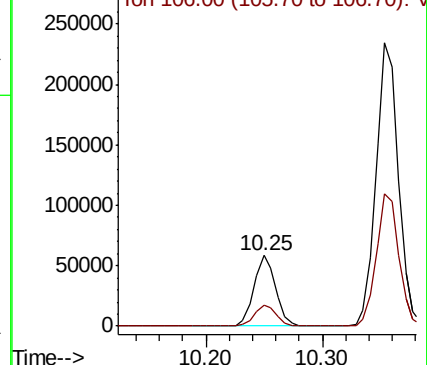
Ion Ratio Lower Upper

91 100

106 28.9 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX008412.D (-1485) (-)



#68

m/p-Xylenes

Concen: 28.202 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX008466.D

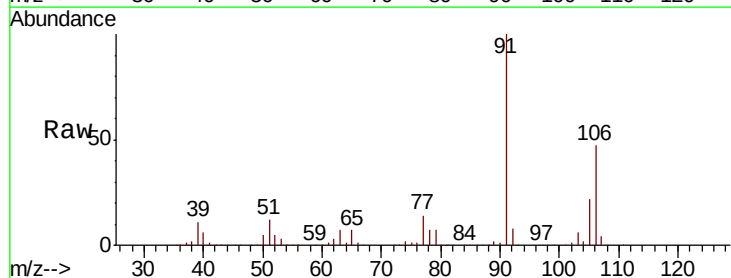
Acq: 26 Mar 2019 19:54

Tgt Ion: 106 Resp: 147818

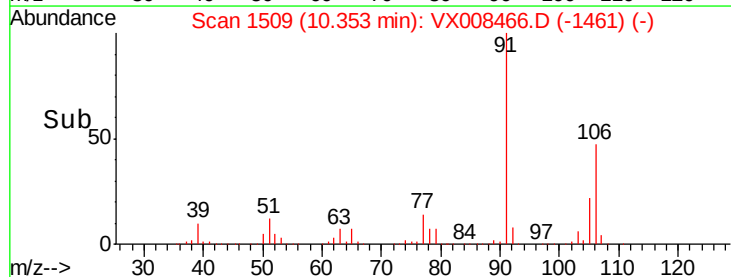
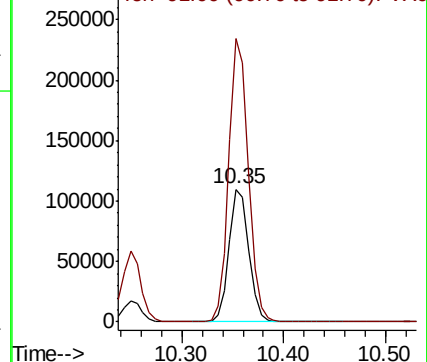
Ion Ratio Lower Upper

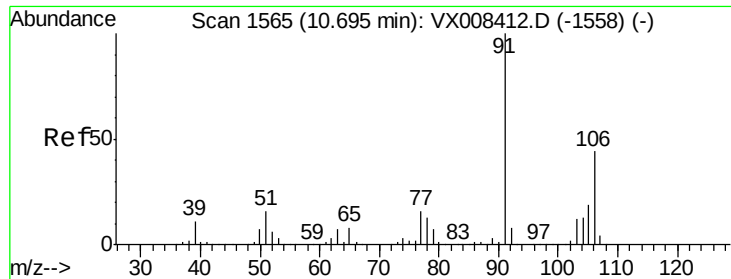
106 100

91 210.9 168.6 253.0



Abundance Ion 106.00 (105.70 to 106.70): VX008412.D (-1503) (-)

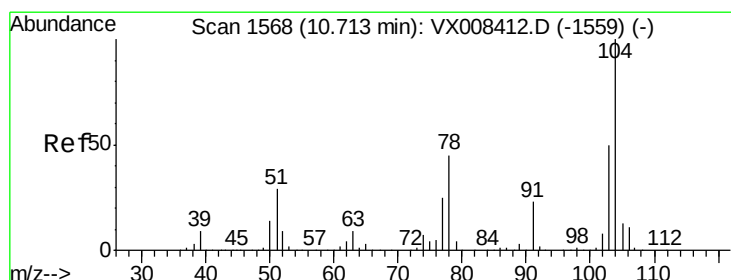
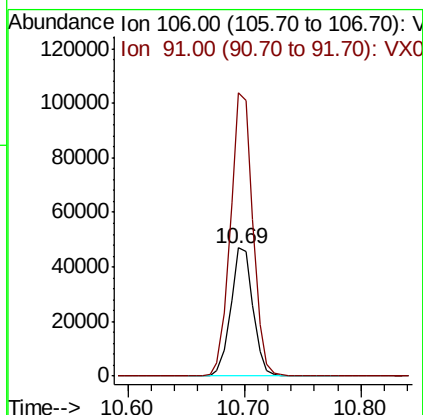
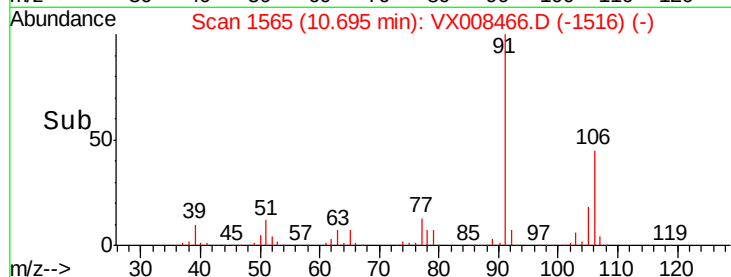
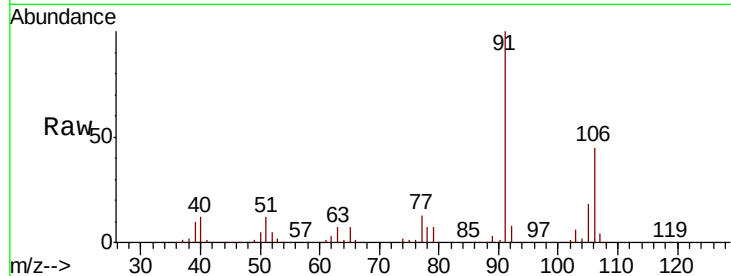




#69
o-Xylene
Concen: 12.318 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

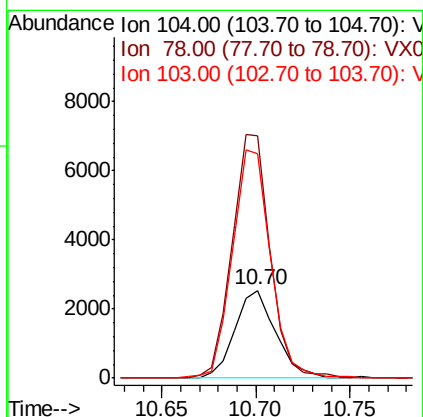
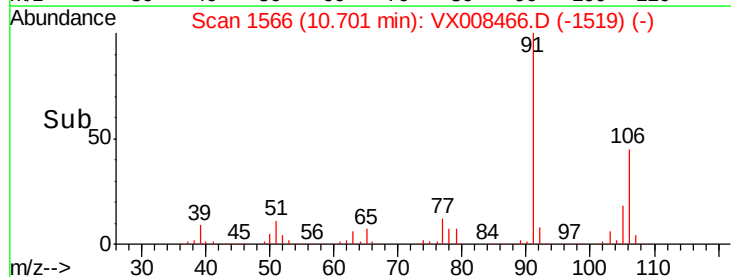
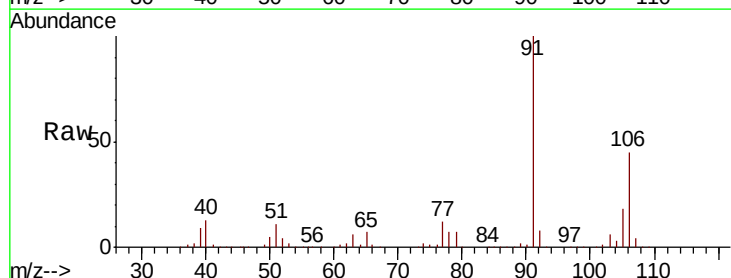
Instrument :
MSVOA_X
ClientSampleId :
MW-106DL

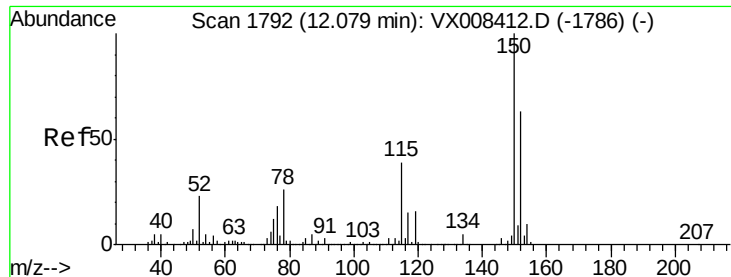
Tot Ion:106 Resp: 62653
Ion Ratio Lower Upper
106 100
91 222.4 111.4 334.2



#70
Styrene
Concen: 0.434 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

Tgt Ion:104 Resp: 3815
Ion Ratio Lower Upper
104 100
78 257.8 42.5 63.7#
103 244.0 44.2 66.4#



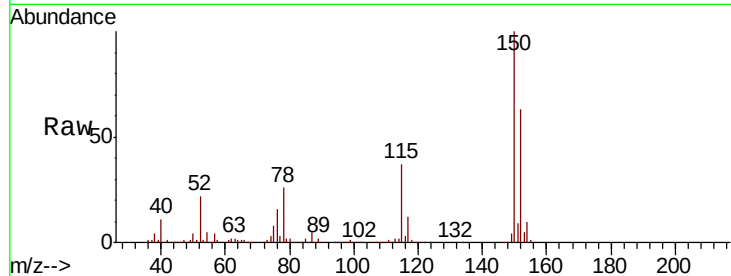


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MW-106DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.8	43.5	130.5
150	158.4	0.0	348.8

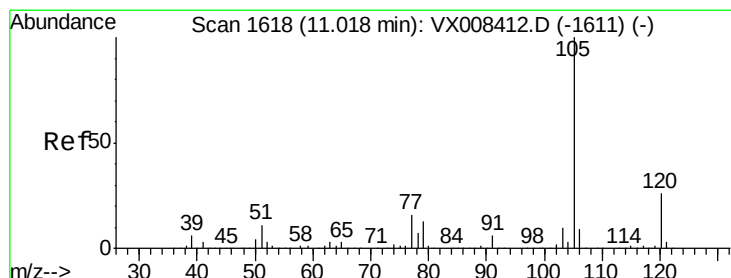
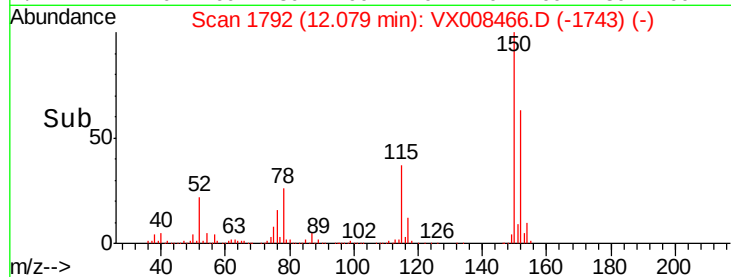
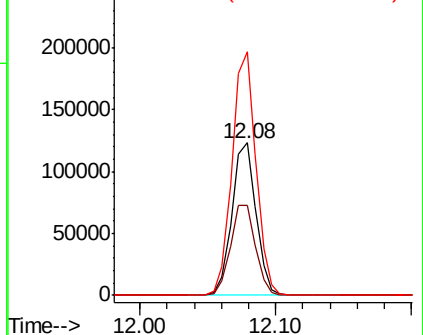


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

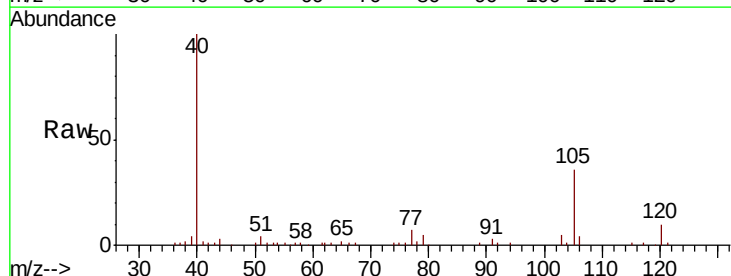
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 0.433 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

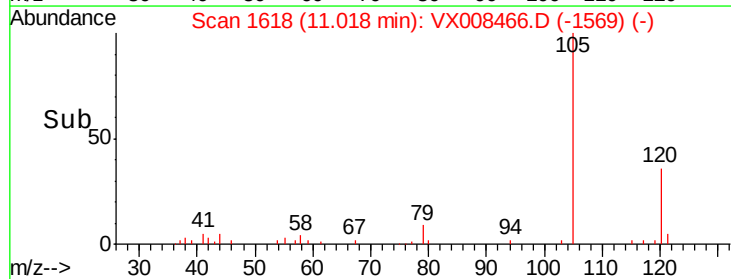
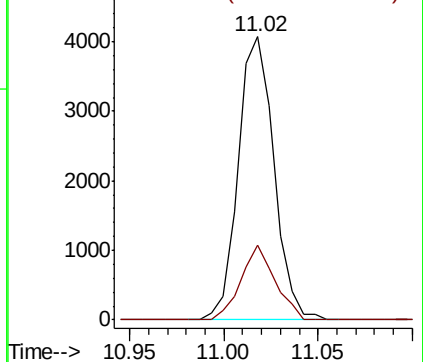
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.9	38.7

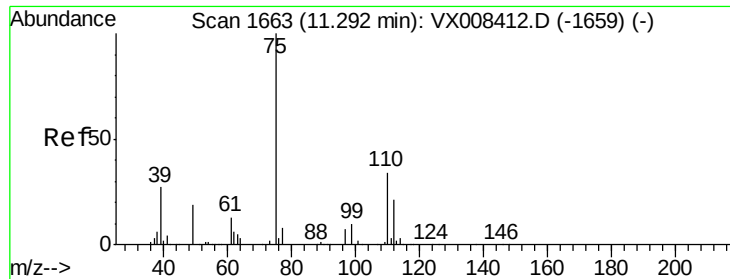


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

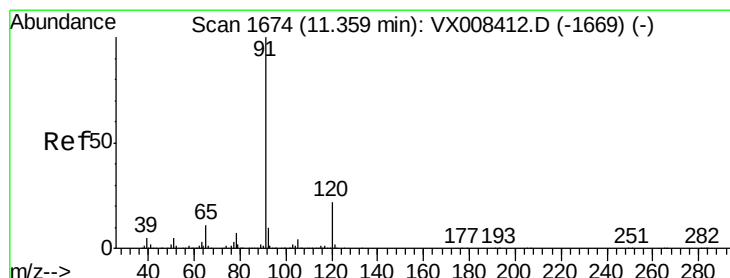
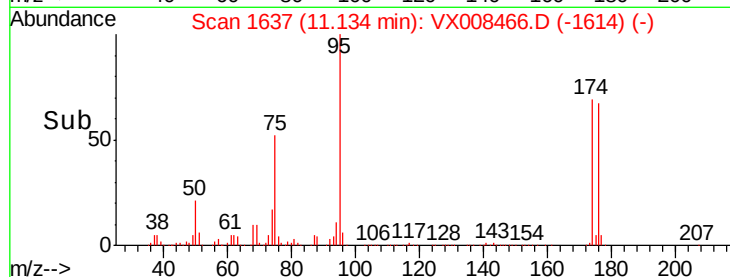
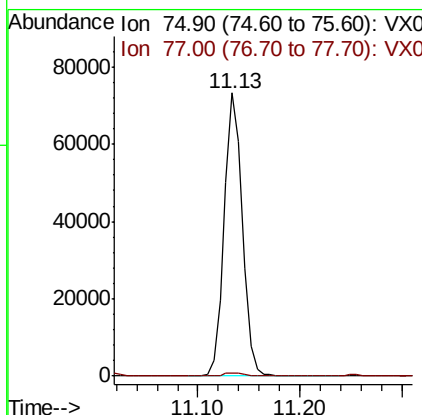
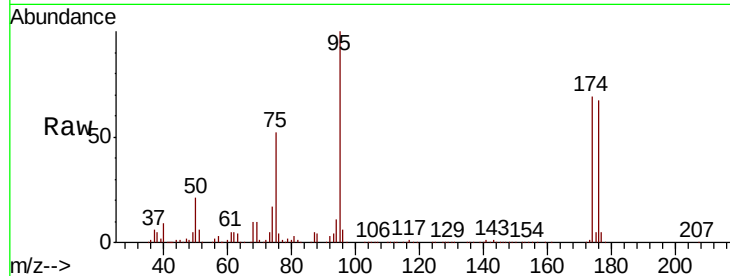




#76
 1,2,3-Trichloropropane
 Concen: 20.114 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008466.D
 Acq: 26 Mar 2019 19:54

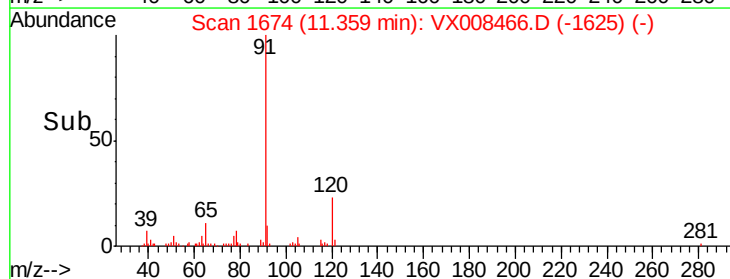
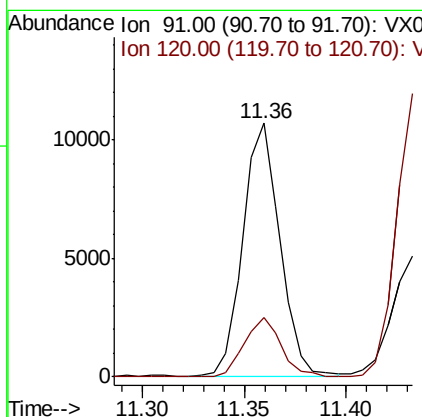
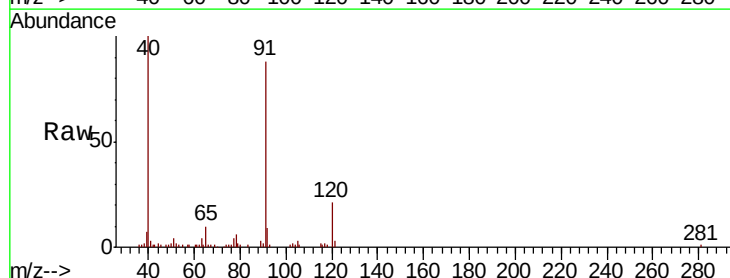
Instrument :
 MSVOA_X
 ClientSampled :
 MW-106DL

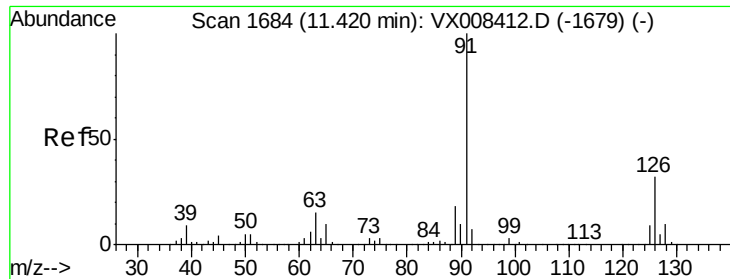
Tot Ion: 75 Resp: 90686
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.9 65.7#



#78
 n-propylbenzene
 Concen: 0.937 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX008466.D
 Acq: 26 Mar 2019 19:54

Tgt Ion: 91 Resp: 13547
 Ion Ratio Lower Upper
 91 100
 120 23.1 10.8 32.4





#79

2-Chlorotoluene

Concen: 1.005 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX008466.D

Acq: 26 Mar 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

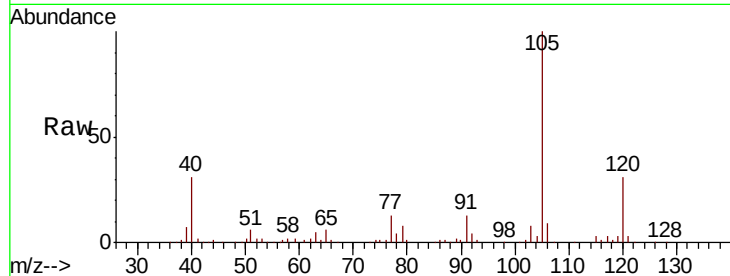
MW-106DL

Tot Ion: 91 Resp: 8836

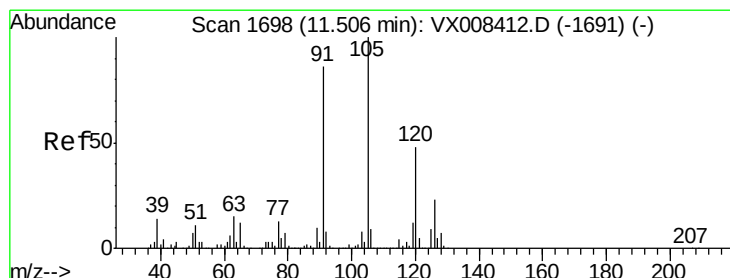
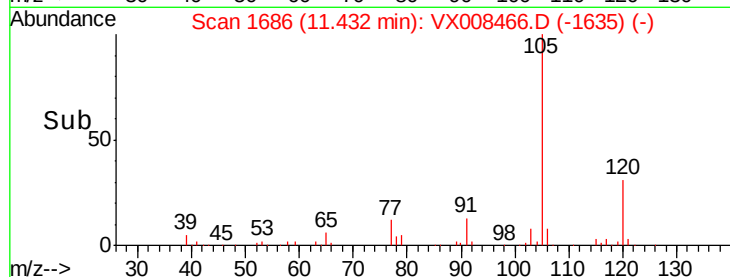
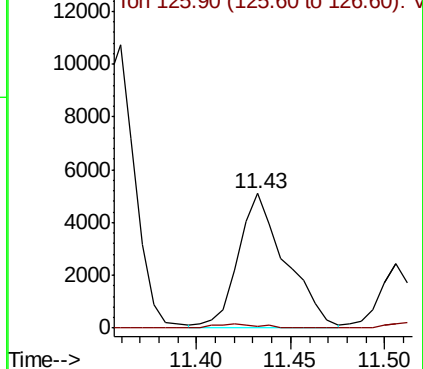
Ion Ratio Lower Upper

91 100

126 2.8 15.7 47.1#



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



#80

1,3,5-Trimethylbenzene

Concen: 1.970 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008466.D

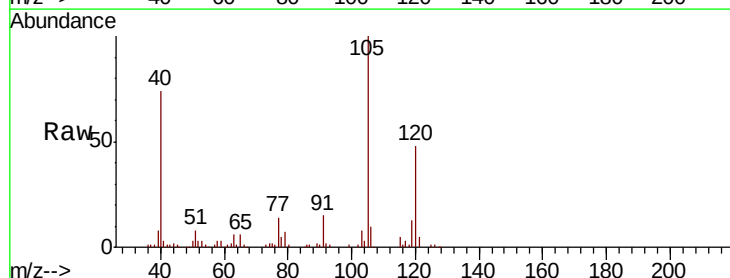
Acq: 26 Mar 2019 19:54

Tgt Ion:105 Resp: 20549

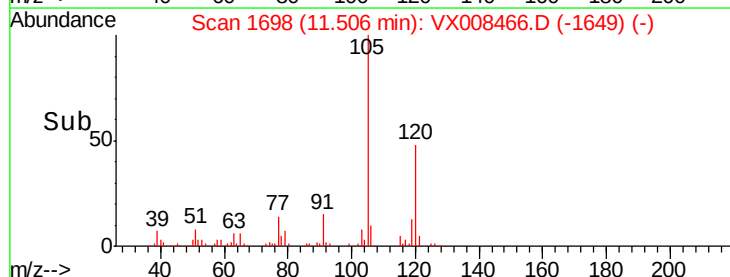
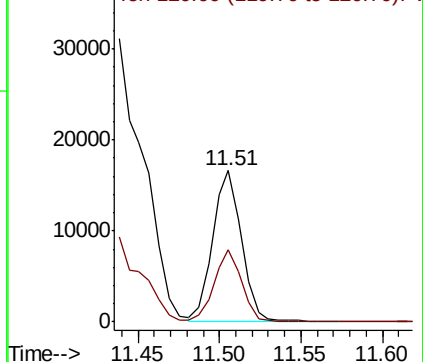
Ion Ratio Lower Upper

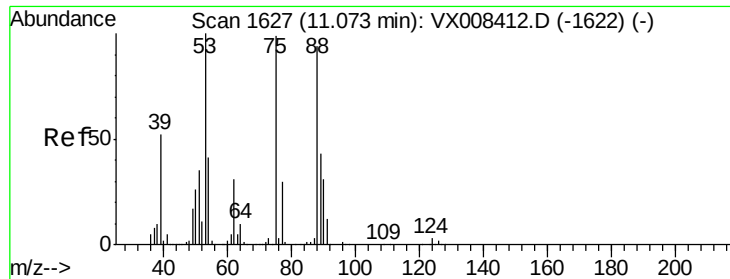
105 100

120 45.0 23.4 70.3



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

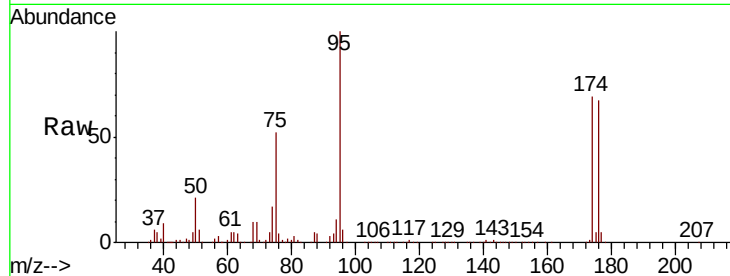




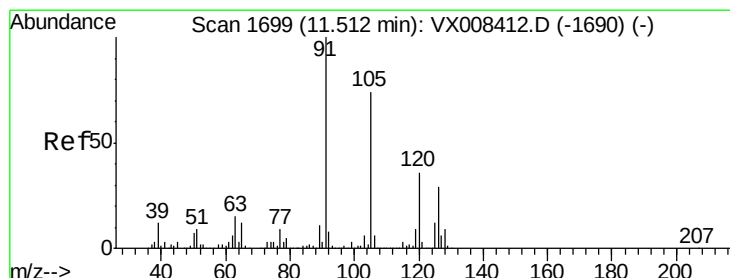
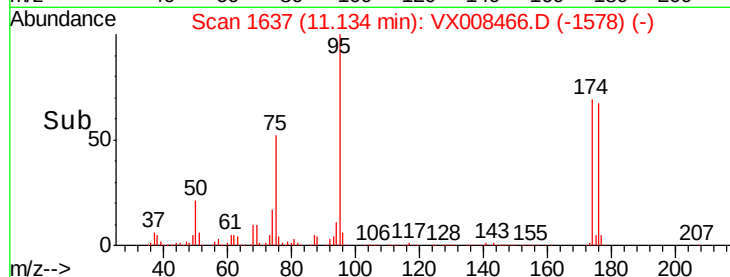
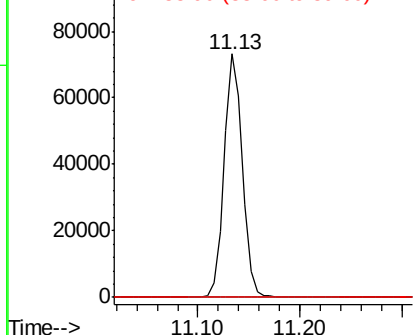
#81
trans-1,4-Dichloro-2-butene
Concen: 64.423 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
MW-106DL

Tot Ion: 75 Resp: 90686
Ion Ratio Lower Upper
75 100
53 0.0 82.1 123.1#
89 0.0 34.6 52.0#

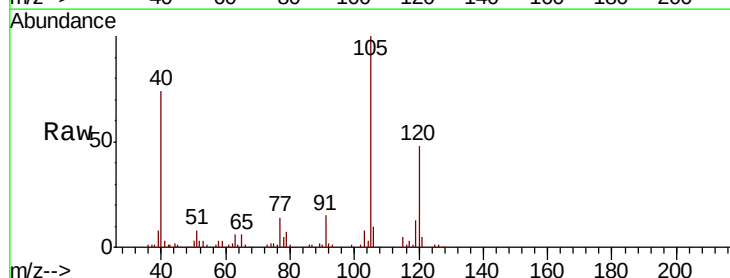


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

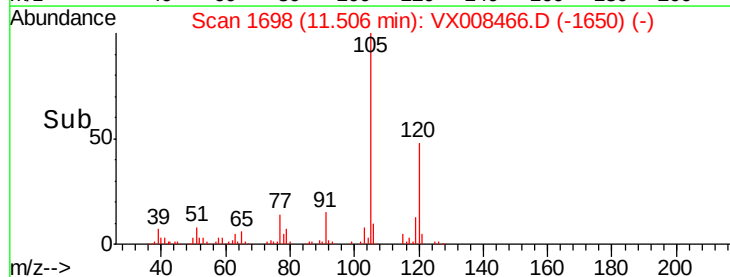
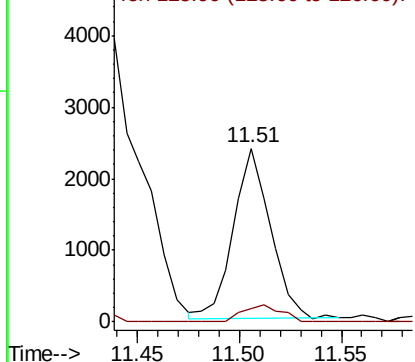


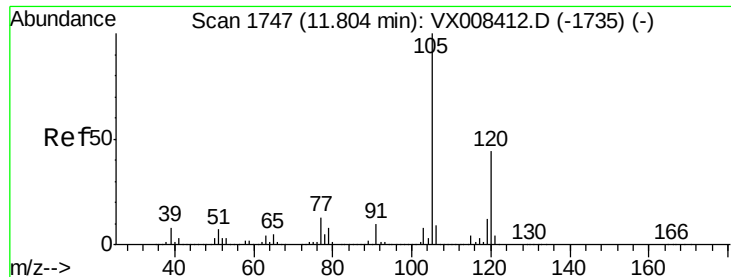
#82
4-Chlorotoluene
Concen: 0.295 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008466.D
Acq: 26 Mar 2019 19:54

Tgt Ion: 91 Resp: 2991
Ion Ratio Lower Upper
91 100
126 10.1 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: 7.503 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008466.D

Acq: 26 Mar 2019 19:54

Instrument :

MSVOA_X

ClientSampled :

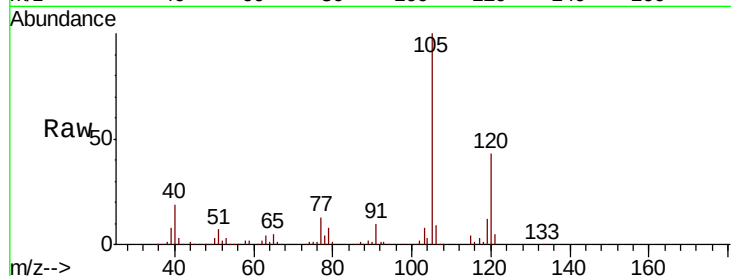
MW-106DL

Tot Ion:105 Resp: 79153

Ion Ratio Lower Upper

105 100

120 43.9 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

80000

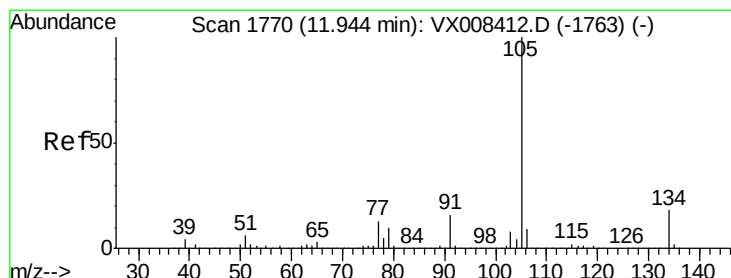
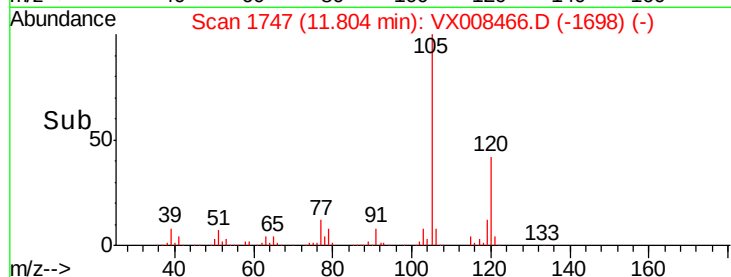
60000

40000

20000

0

Time--> 11.70 11.80 11.90



#85

sec-Butylbenzene

Concen: 6.605 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX008466.D

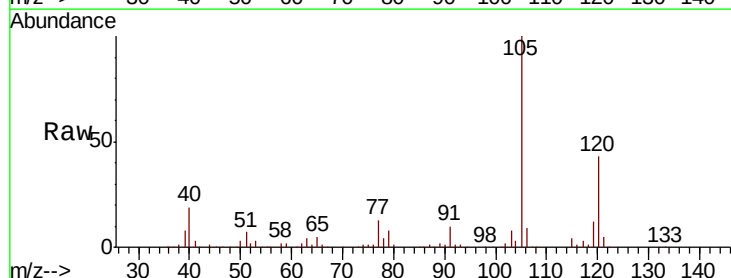
Acq: 26 Mar 2019 19:54

Tgt Ion:105 Resp: 79153

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

80000

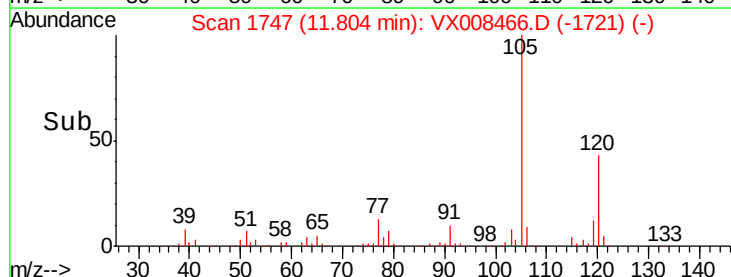
60000

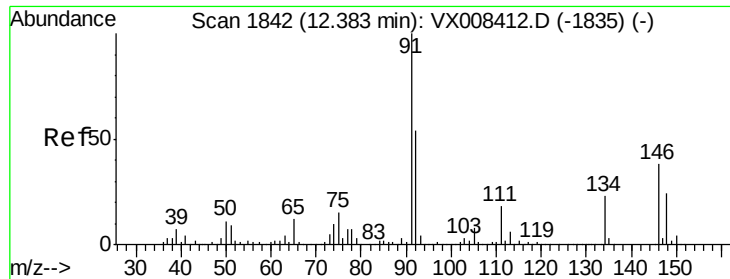
40000

20000

0

Time--> 11.70 11.80 11.90





#89

n-Butylbenzene

Concen: 0.222 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008466.D

Acq: 26 Mar 2019 19:54

Instrument :

MSVOA_X

ClientSampleID :

MW-106DL

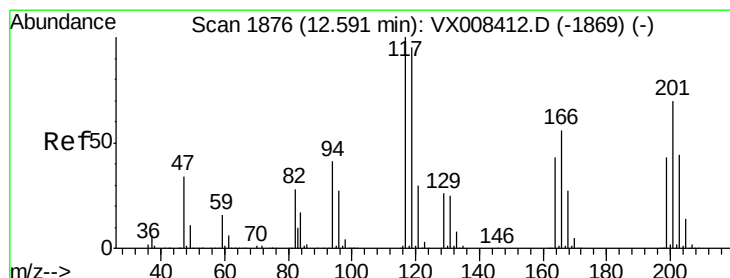
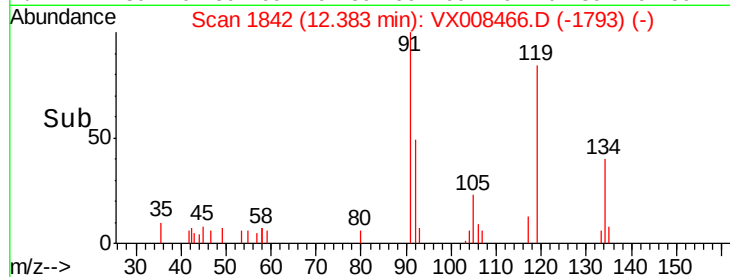
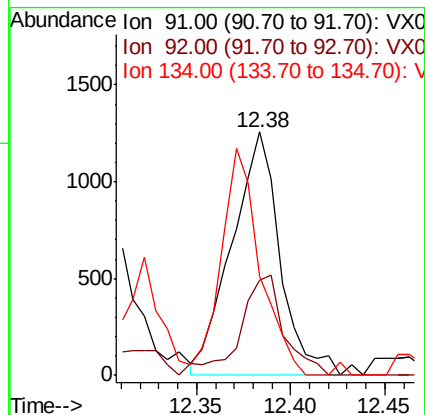
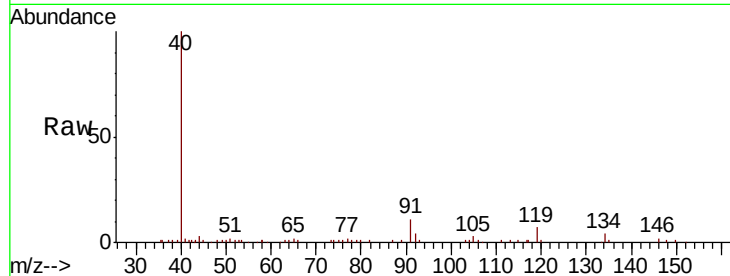
Tot Ion: 91 Resp: 2226

Ion Ratio Lower Upper

91 100

92 37.6 26.5 79.5

134 74.7 11.8 35.4#



#90

Hexachloroethane

Concen: 0.312 ug/l

RT: 12.58 min Scan# 1874

Delta R.T. -0.01 min

Lab File: VX008466.D

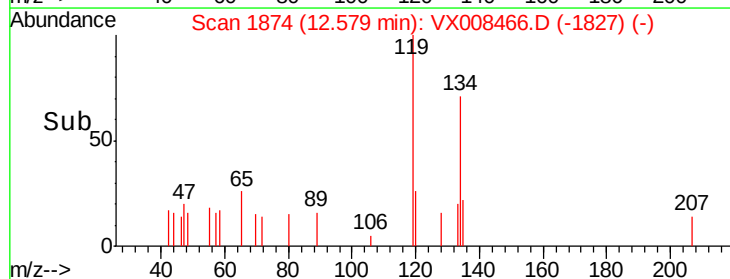
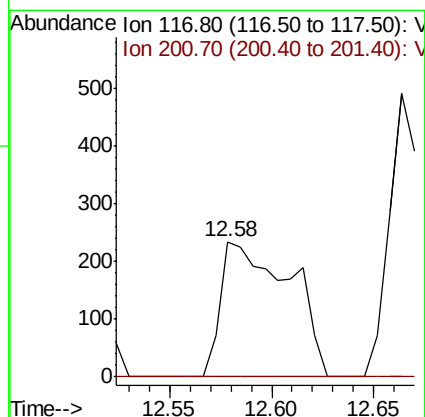
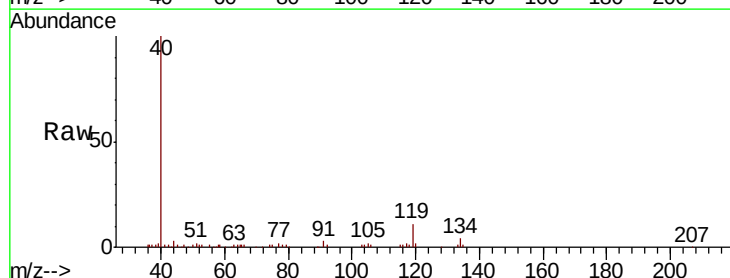
Acq: 26 Mar 2019 19:54

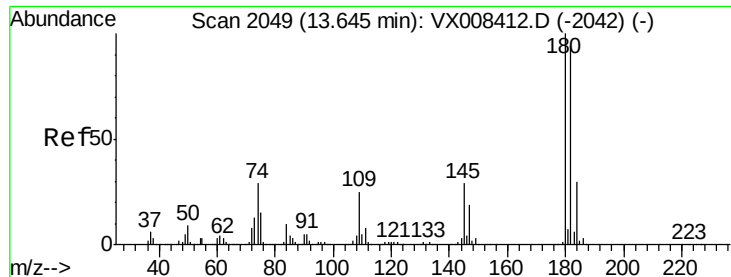
Tgt Ion: 117 Resp: 550

Ion Ratio Lower Upper

117 100

201 0.0 39.4 118.1#

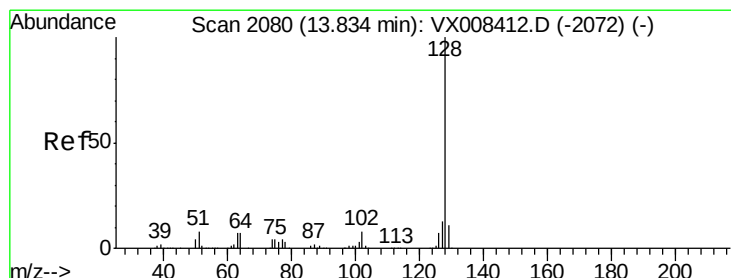
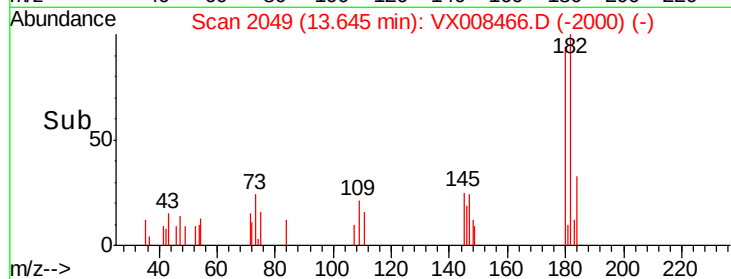
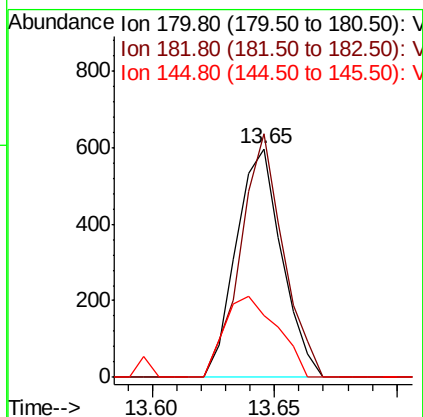
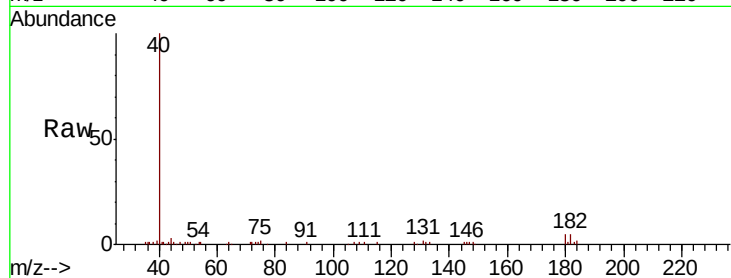




#93
 1,2,4-Trichlorobenzene
 Concen: 0.215 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008466.D
 Acq: 26 Mar 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106DL

Tot Ion:180 Resp: 777
 Ion Ratio Lower Upper
 180 100
 182 99.4 47.3 142.0
 145 41.3 15.3 45.8



#95
 Naphthalene
 Concen: 2.030 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX008466.D
 Acq: 26 Mar 2019 19:54

Tgt Ion:128 Resp: 25100
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.4 15.6
 129 11.1 8.7 13.1

