

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122019\
 Data File : VX014183.D
 Acq On : 20 Dec 2019 18:46
 Operator : JC/SP
 Sample : K6372-05DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

Quant Time: Dec 20 22:30:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	579282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	880127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	785104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	364128	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	314128	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
35) Dibromofluoromethane	5.49	113	258077	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
50) Toluene-d8	8.71	98	1042220	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.13	95	359547	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	1312	0.252	ug/l #	25
10) Methyl Iodide	2.50	142	131	2.638	ug/l #	1
11) Tert butyl alcohol	3.01	59	1726	1.217	ug/l #	72
13) Acrolein	2.25	56	1657	2.040	ug/l #	1
15) Acrylonitrile	3.16	53	2139	0.646	ug/l #	52
16) Acetone	2.43	43	11041	2.590	ug/l	92
17) Carbon Disulfide	2.57	76	1164	0.824	ug/l #	75
19) Methyl tert-butyl Ether	3.19	73	8103	0.443	ug/l #	1
20) Methylene Chloride	2.84	84	4890	0.729	ug/l	93
25) 2-Butanone	4.69	43	3403	0.648	ug/l #	84
28) Bromochloromethane	5.02	49	569	0.587	ug/l #	80
29) Tetrahydrofuran	5.14	42	875	0.298	ug/l #	75
31) Cyclohexane	5.58	56	15787	1.609	ug/l	91
36) 1,1-Dichloropropene	5.65	75	39468	4.887	ug/l #	51
38) Carbon Tetrachloride	5.65	117	51165	6.955	ug/l #	16
39) Methylcyclohexane	7.46	83	23772	2.384	ug/l	96
40) Benzene	6.14	78	365953	14.728	ug/l	99
42) 1,2-Dichloroethane	6.13	62	2672	0.317	ug/l	89
43) Isopropyl Acetate	6.42	43	28150	1.907	ug/l #	17
49) 1,4-Dioxane	7.76	88	719	4.889	ug/l #	56
52) Toluene	8.78	92	153664	9.784	ug/l	100
67) Ethyl Benzene	10.25	91	257693	8.979	ug/l	98
68) m/p-Xylenes	10.35	106	721861	65.396	ug/l	100
69) o-Xylene	10.70	106	243299	22.474	ug/l	97
70) Styrene	10.69	104	13566	0.741	ug/l #	1
73) Isopropylbenzene	11.01	105	17373	0.678	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	176467	22.323	ug/l #	39
78) n-propylbenzene	11.35	91	23010	0.800	ug/l	98
79) 2-Chlorotoluene	11.43	91	44092	2.522	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.50	105	147008	6.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	176467	63.007	ug/l #	11
82) 4-Chlorotoluene	11.50	91	13907	0.686	ug/l #	53
83) tert-Butylbenzene	11.81	119	76425	3.640	ug/l #	63
84) 1,2,4-Trimethylbenzene	11.81	105	606607	28.074	ug/l	99

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QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

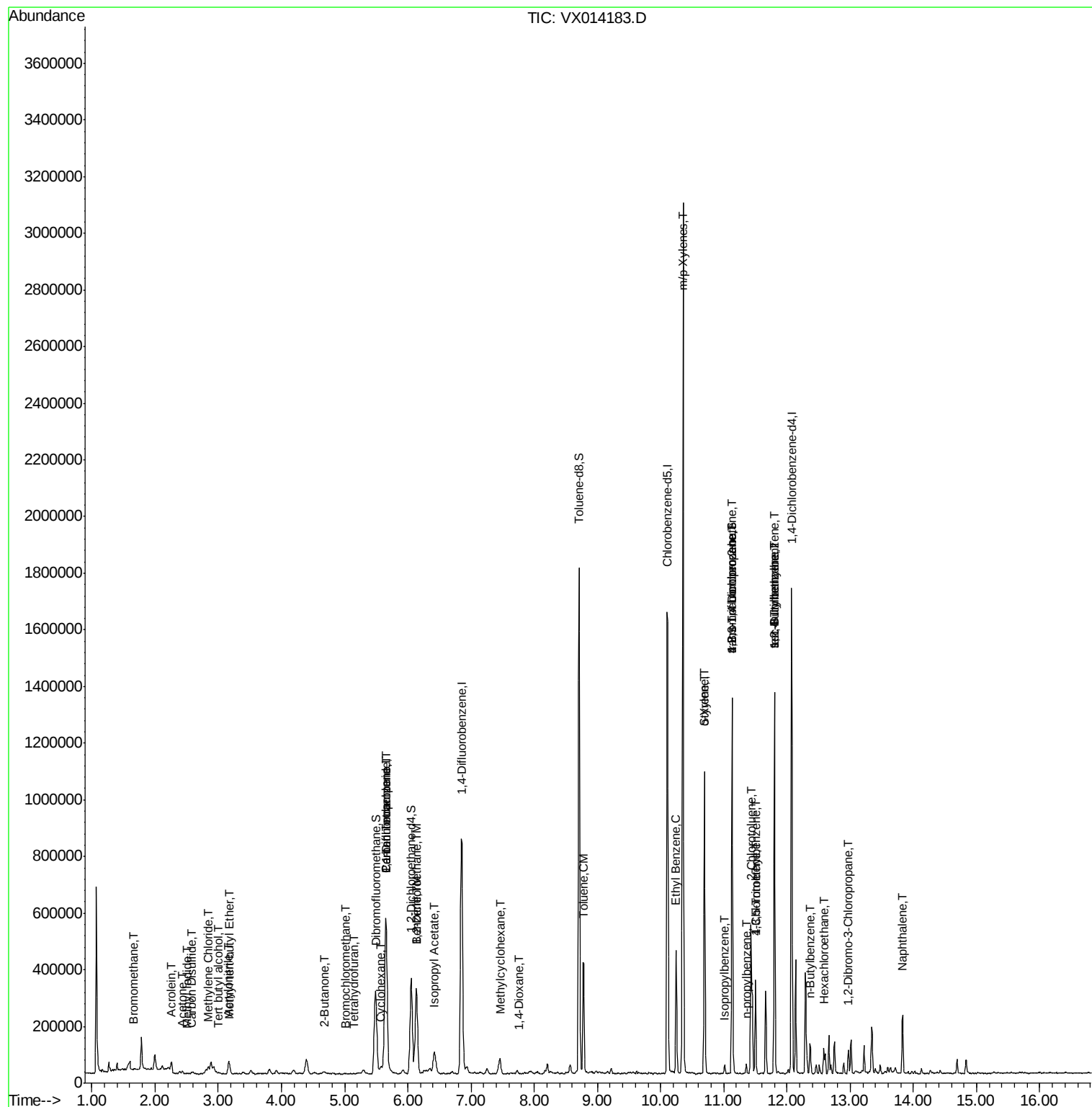
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.81	105	606607	24.472	ug/l #	56
89) n-Butylbenzene	12.37	91	9802	0.507	ug/l #	1
90) Hexachloroethane	12.58	117	3707	0.910	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	12.98	75	584	0.297	ug/l #	37
95) Naphthalene	13.83	128	138546	5.830	ug/l	99

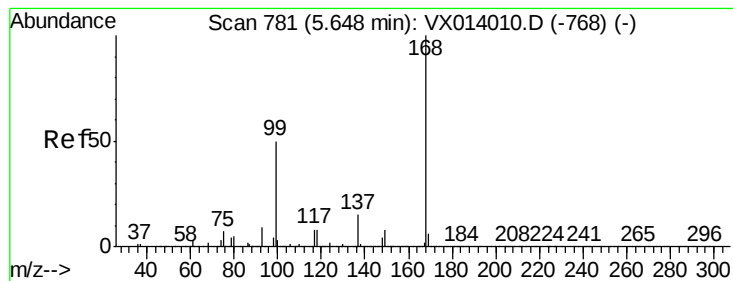
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

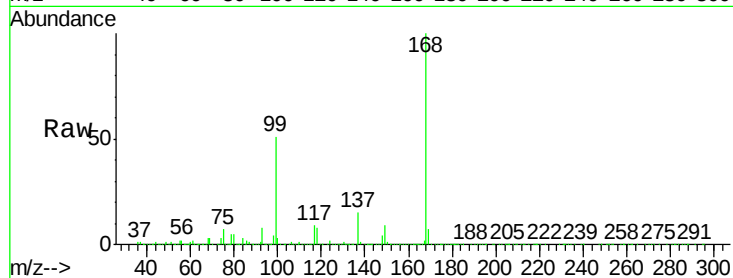
MW-6DL

Tgt Ion:168 Resp: 579282

Ion Ratio Lower Upper

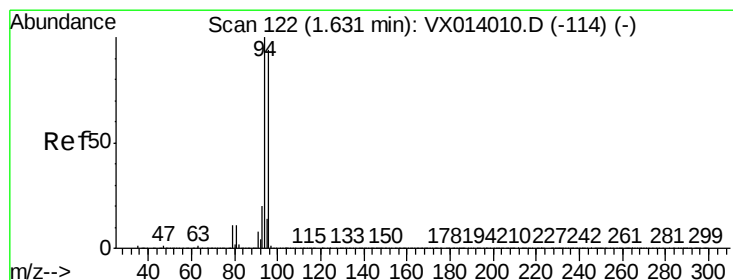
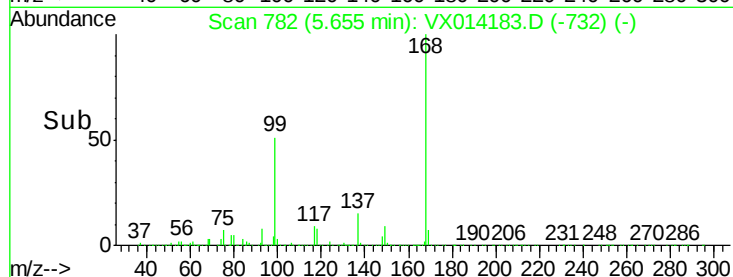
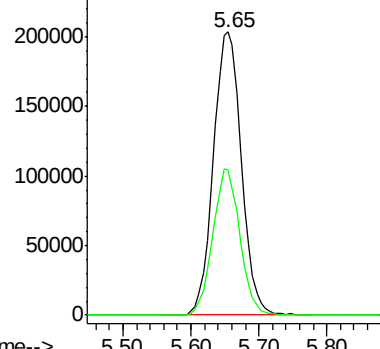
168 100

99 51.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.252 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.02 min

Lab File: VX014183.D

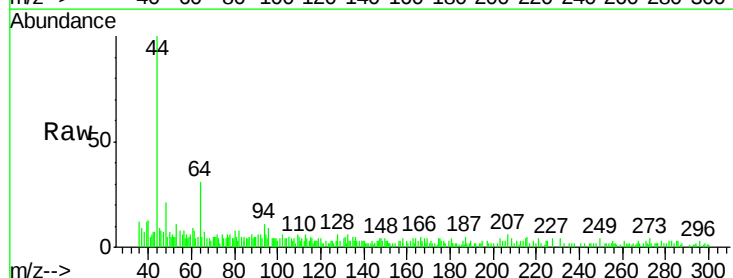
Acq: 20 Dec 2019 18:46

Tgt Ion: 94 Resp: 1312

Ion Ratio Lower Upper

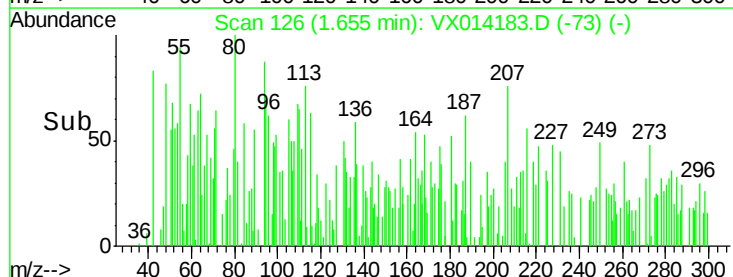
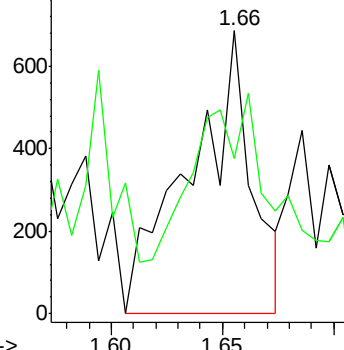
94 100

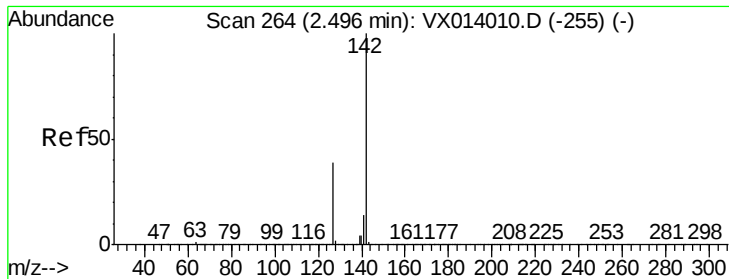
96 21.7 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

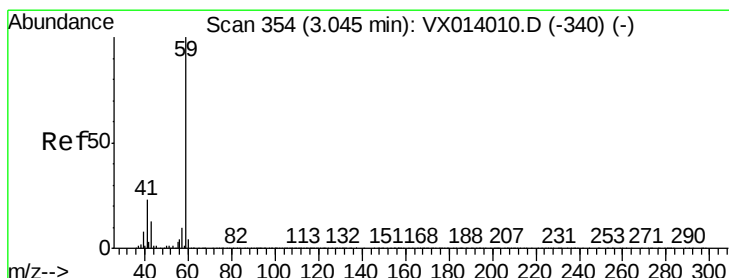
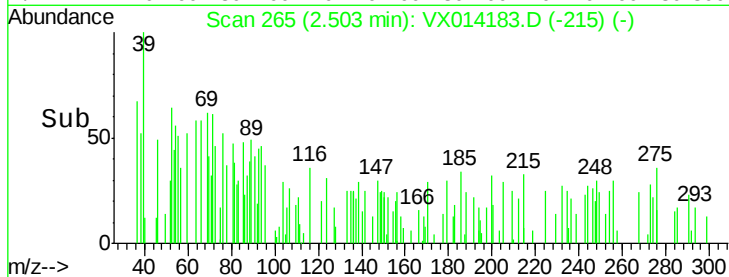
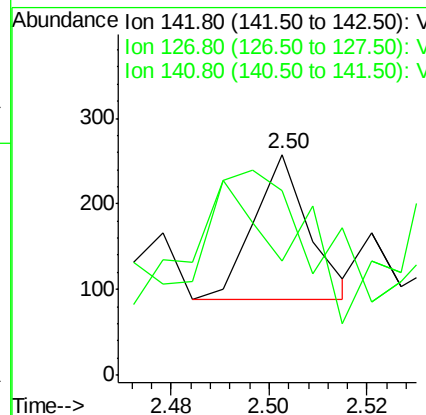
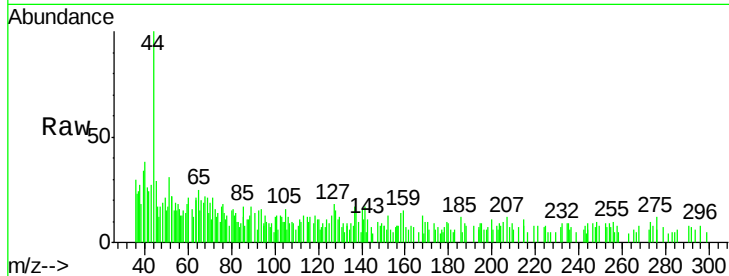




#10
Methyl Iodide
Concen: 2.638 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX014183.D
Acq: 20 Dec 2019 18:46

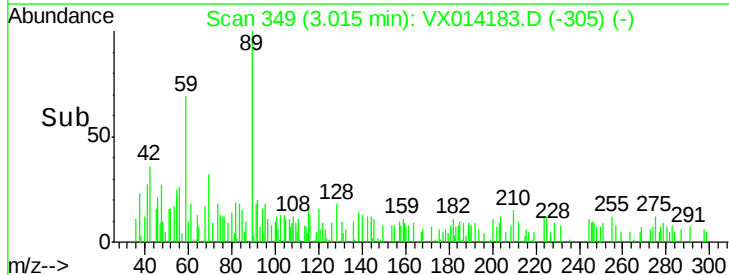
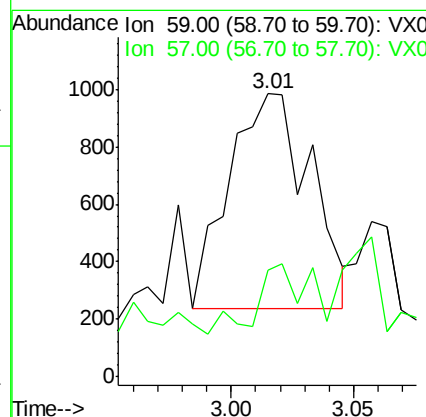
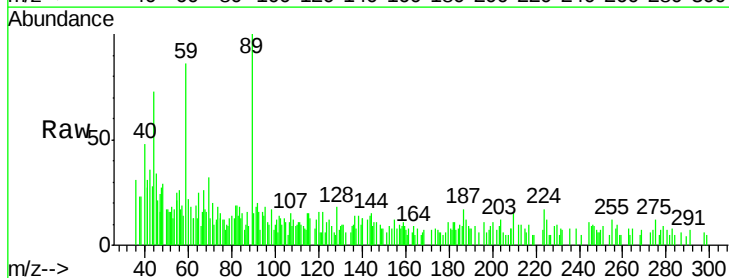
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

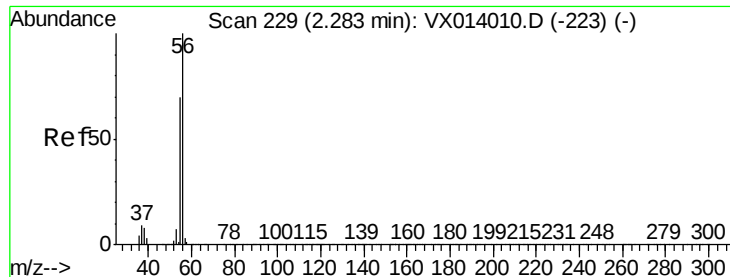
Tgt Ion: 142 Resp: 131
Ion Ratio Lower Upper
142 100
127 241.2 31.6 47.4#
141 179.4 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.217 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.03 min
Lab File: VX014183.D
Acq: 20 Dec 2019 18:46

Tgt Ion: 59 Resp: 1726
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#13

Acrolein

Concen: 2.040 ug/l

RT: 2.25 min Scan# 224

Delta R.T. -0.03 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

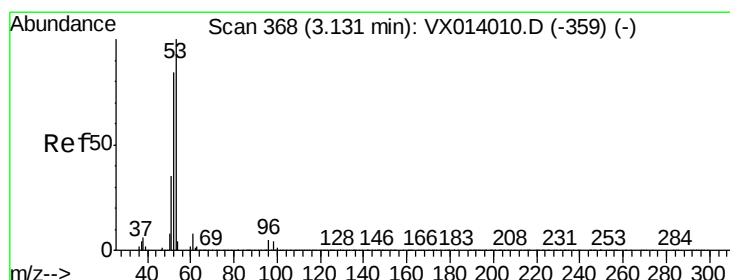
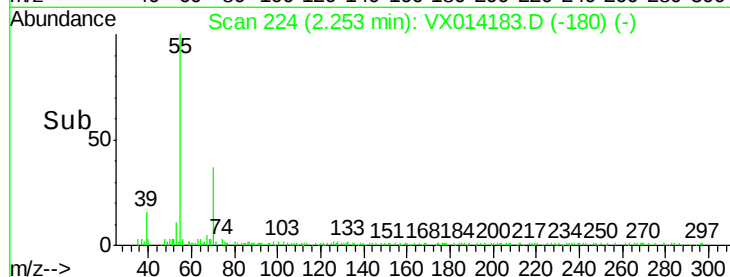
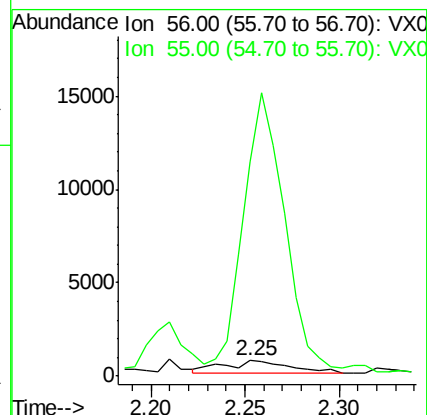
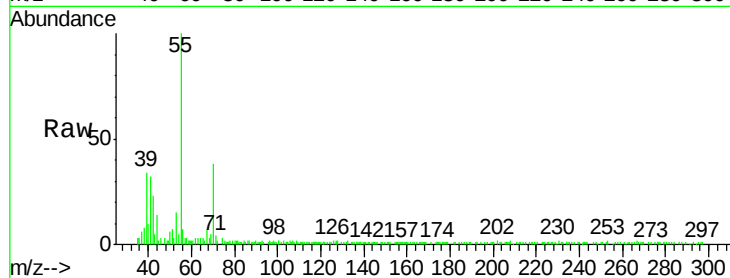
MW-6DL

Tgt Ion: 56 Resp: 1657

Ion Ratio Lower Upper

56 100

55 1324.8 56.9 85.3#



#15

Acrylonitrile

Concen: 0.646 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.03 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

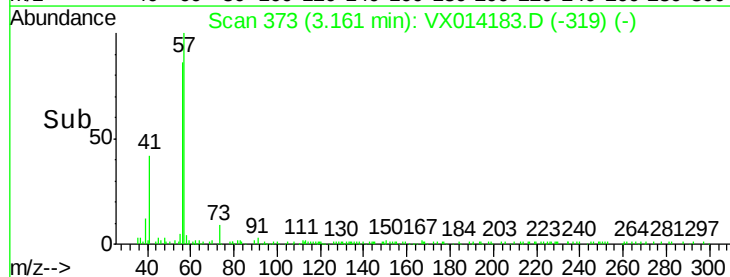
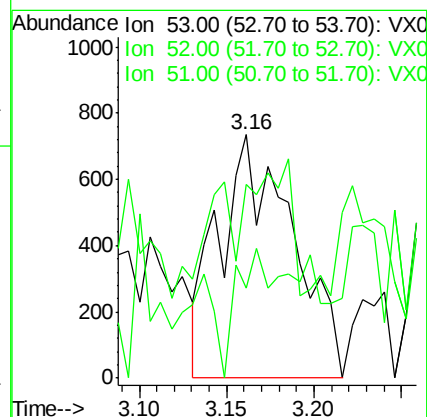
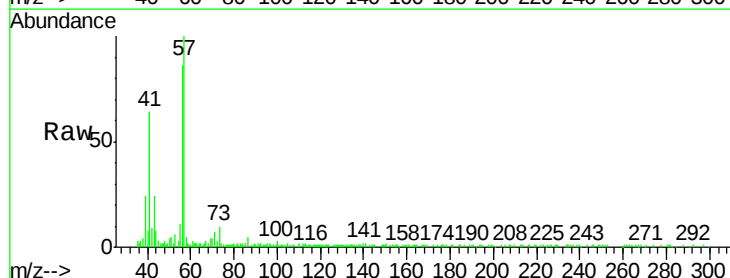
Tgt Ion: 53 Resp: 2139

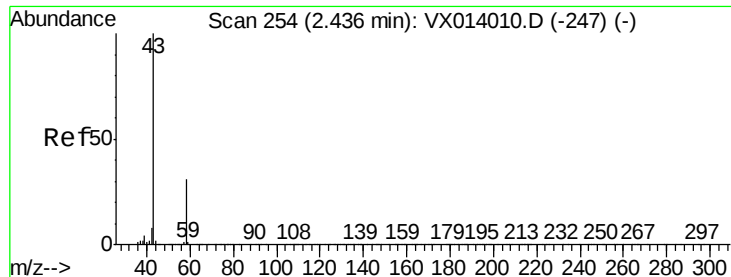
Ion Ratio Lower Upper

53 100

52 27.1 66.5 99.7#

51 26.2 28.1 42.1#





#16

Acetone

Concen: 2.590 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

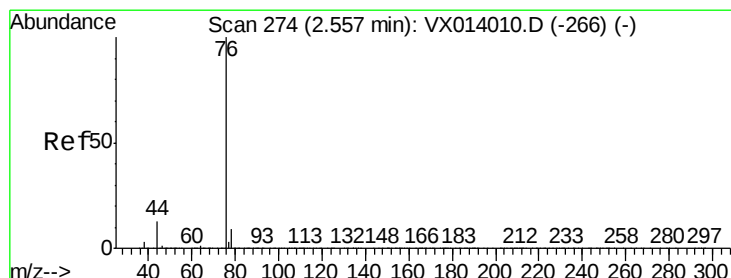
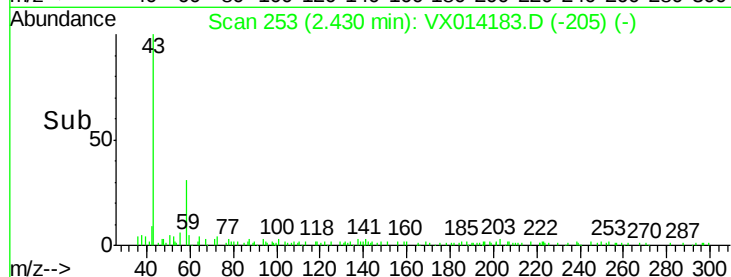
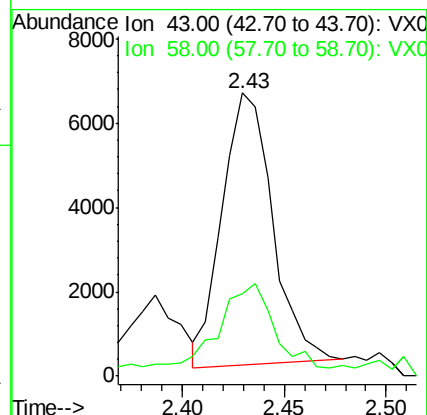
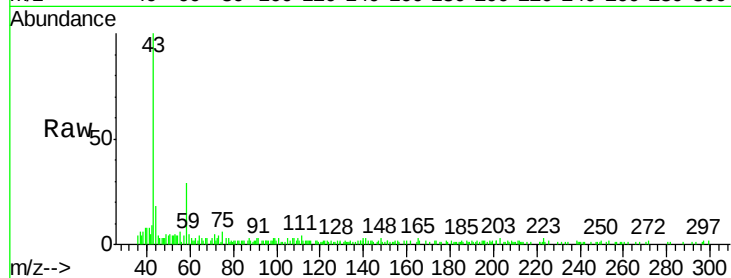
MW-6DL

Tgt Ion: 43 Resp: 11041

Ion Ratio Lower Upper

43 100

58 26.6 24.9 37.3



#17

Carbon Disulfide

Concen: 0.824 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX014183.D

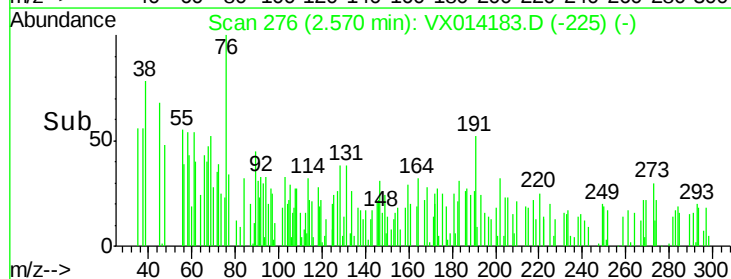
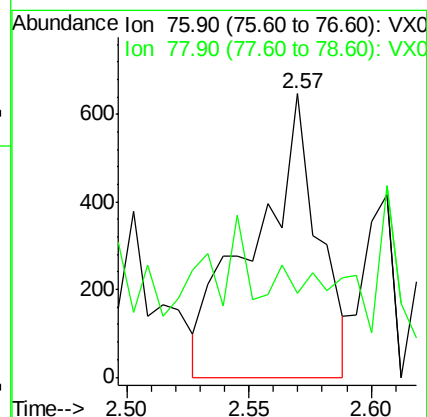
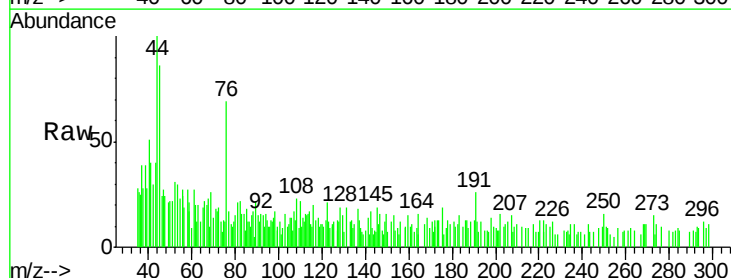
Acq: 20 Dec 2019 18:46

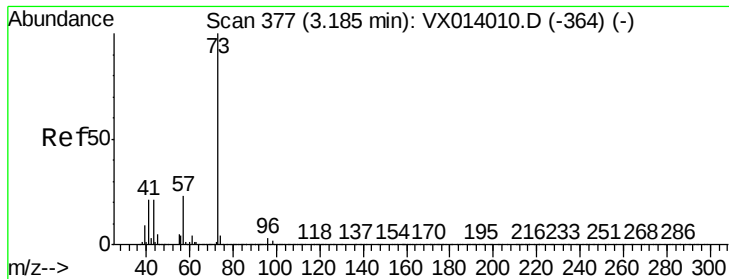
Tgt Ion: 76 Resp: 1164

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

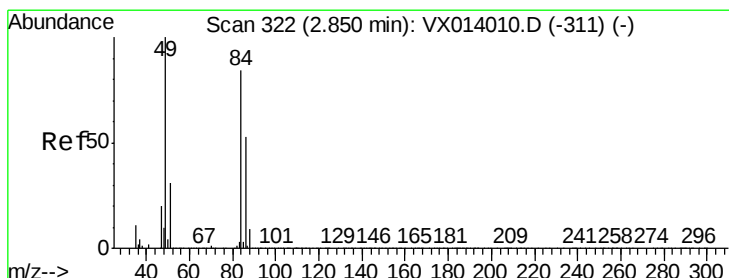
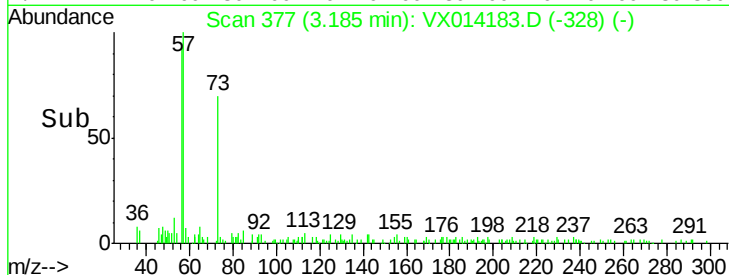
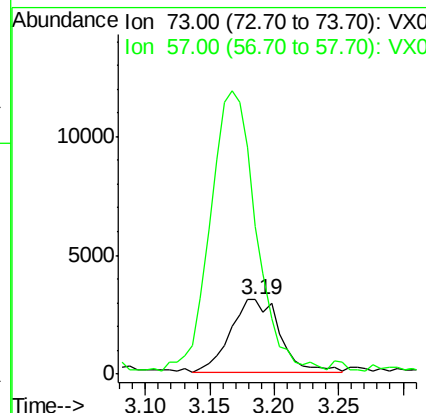
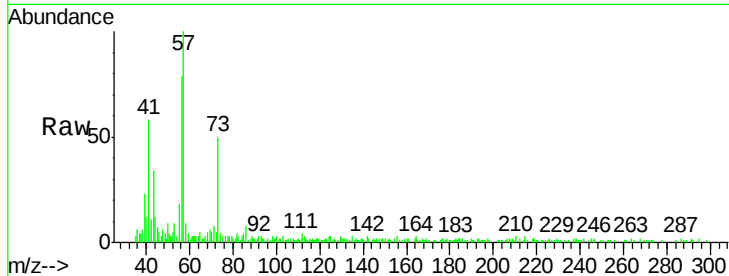




#19
Methyl tert-butyl Ether
Concen: 0.443 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014183.D
Acq: 20 Dec 2019 18:46

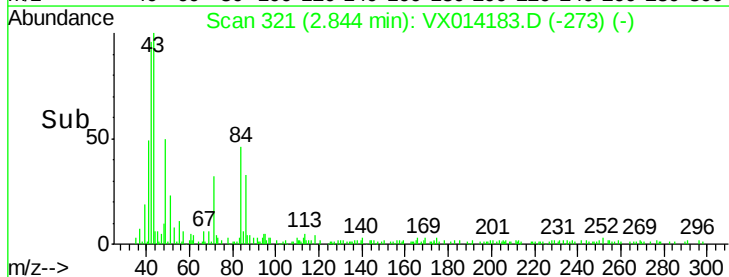
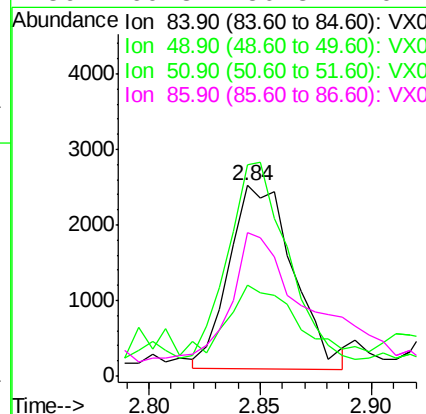
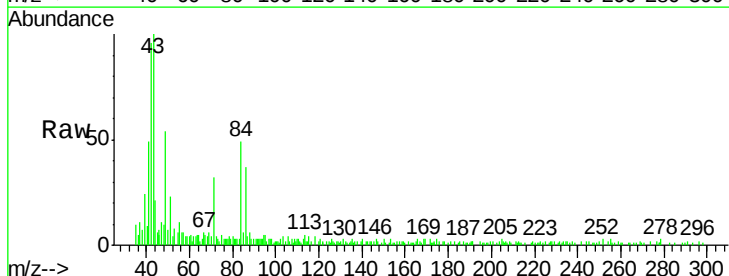
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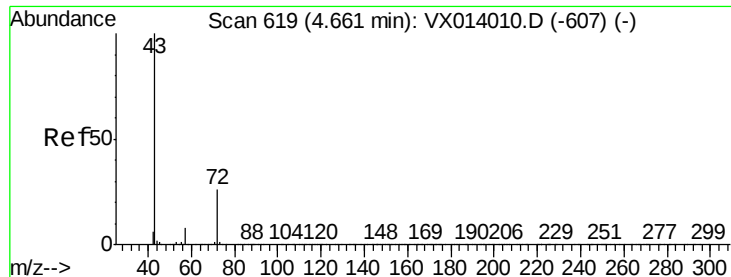
Tgt Ion: 73 Resp: 8103
Ion Ratio Lower Upper
73 100
57 189.4 18.8 28.2#



#20
Methylene Chloride
Concen: 0.729 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014183.D
Acq: 20 Dec 2019 18:46

Tgt Ion: 84 Resp: 4890
Ion Ratio Lower Upper
84 100
49 109.6 95.8 143.6
51 36.5 29.8 44.8
86 69.3 50.8 76.2





#25

2-Butanone

Concen: 0.648 ug/l

RT: 4.69 min Scan# 623

Delta R.T. 0.02 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

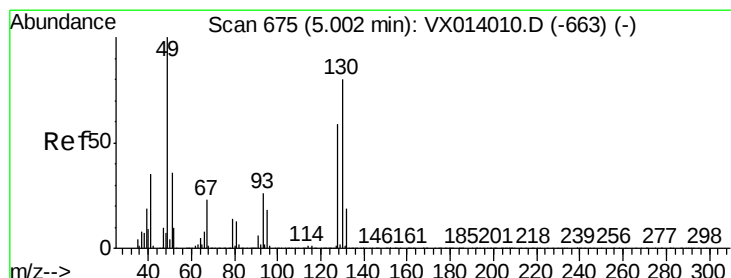
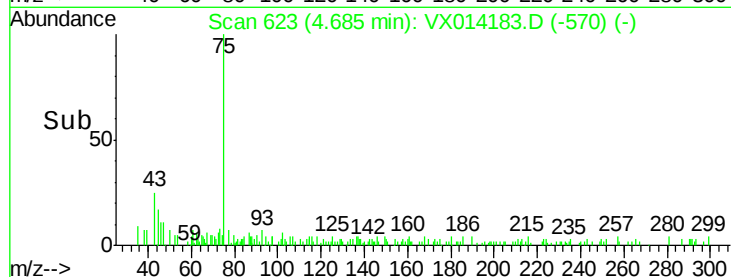
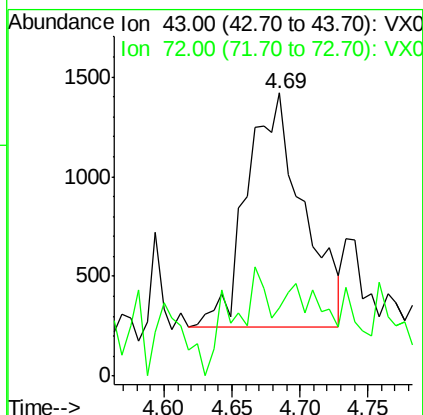
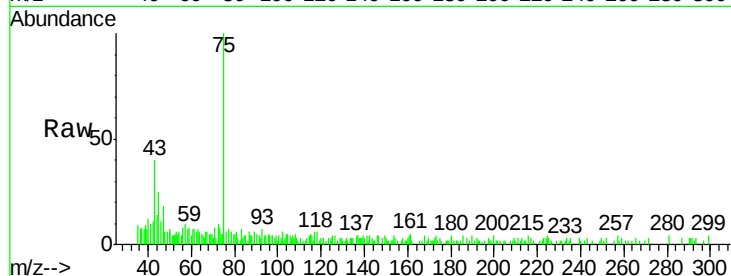
MW-6DL

Tgt Ion: 43 Resp: 3403

Ion Ratio Lower Upper

43 100

72 18.2 21.0 31.4#



#28

Bromochloromethane

Concen: 0.587 ug/l

RT: 5.02 min Scan# 678

Delta R.T. 0.02 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

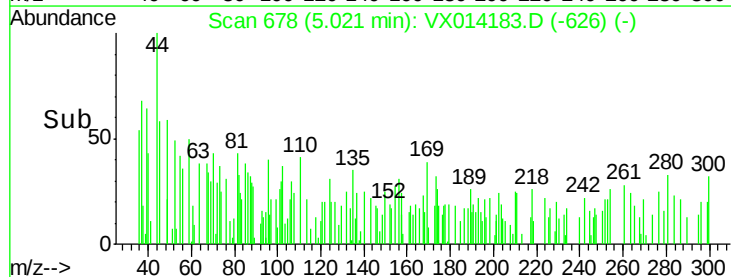
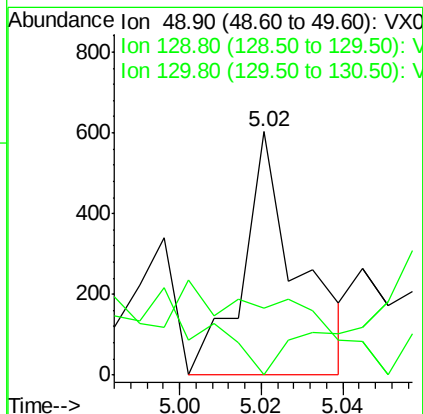
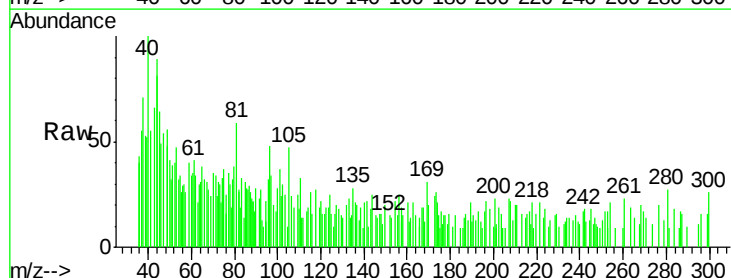
Tgt Ion: 49 Resp: 569

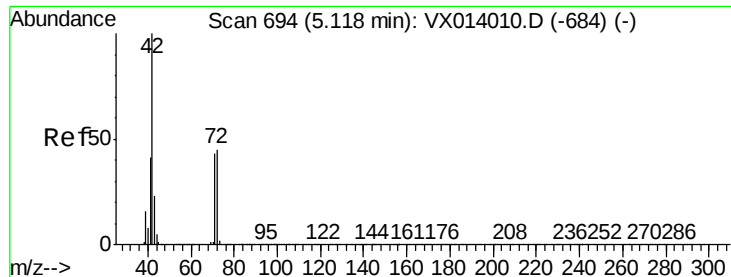
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 98.8 64.6 97.0#

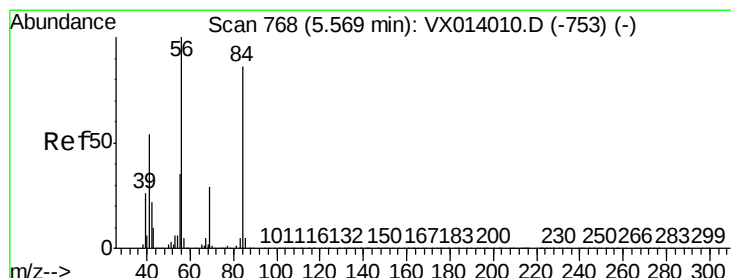
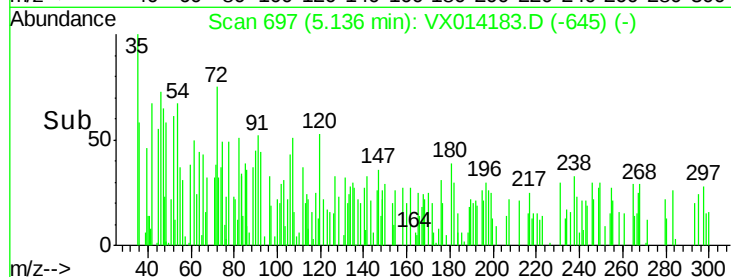
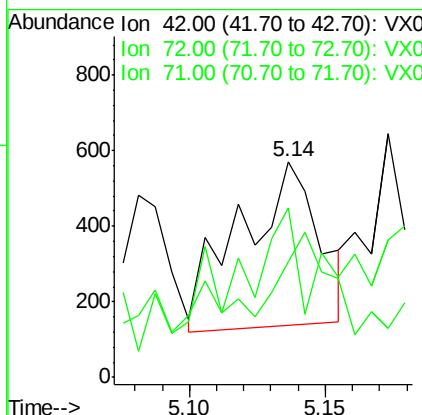
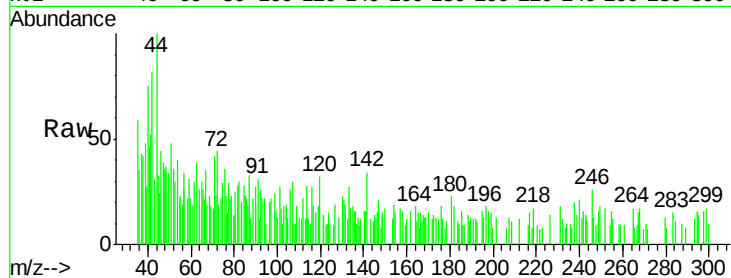




#29
Tetrahydrofuran
Concen: 0.298 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX014183.D
Acq: 20 Dec 2019 18:46

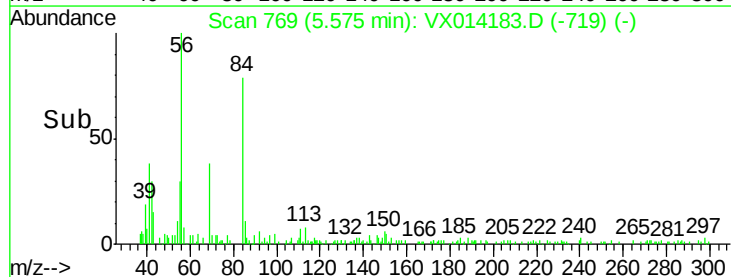
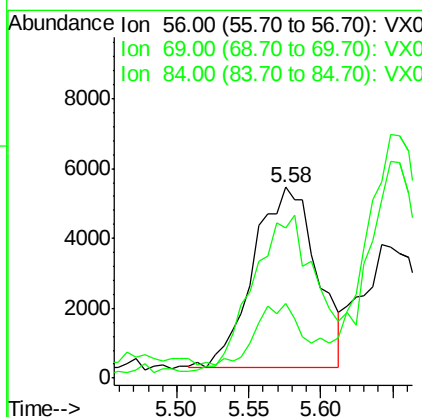
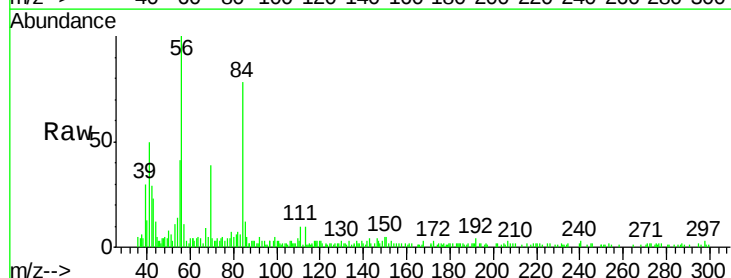
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

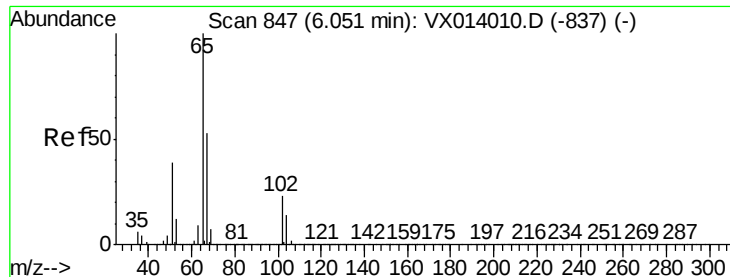
Tgt Ion: 42 Resp: 875
Ion Ratio Lower Upper
42 100
72 34.9 35.8 53.8#
71 20.2 33.6 50.4#



#31
Cyclohexane
Concen: 1.609 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014183.D
Acq: 20 Dec 2019 18:46

Tgt Ion: 56 Resp: 15787
Ion Ratio Lower Upper
56 100
69 30.7 23.2 34.8
84 76.9 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 47.846 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

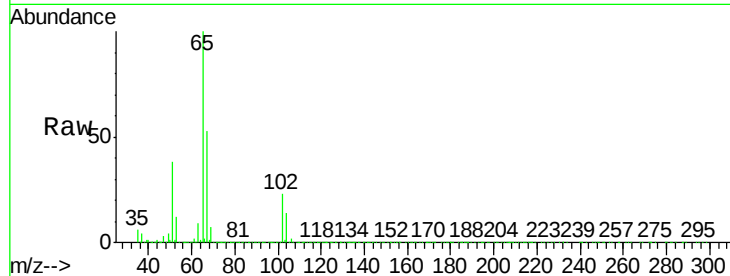
MW-6DL

Tgt Ion: 65 Resp: 314128

Ion Ratio Lower Upper

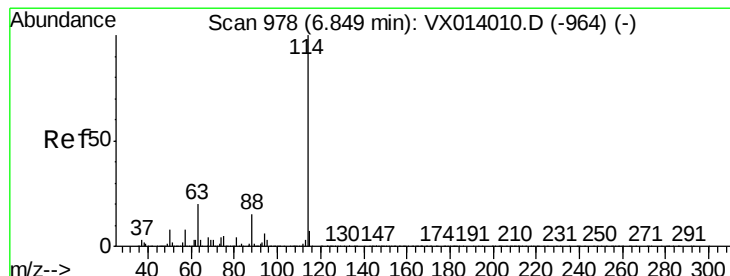
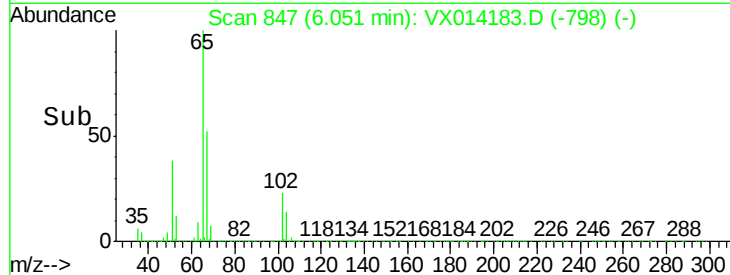
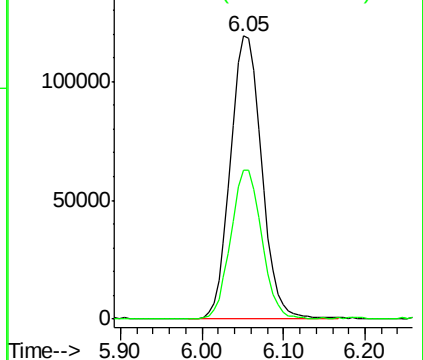
65 100

67 52.9 0.0 106.4



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# 979

Delta R.T. 0.01 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

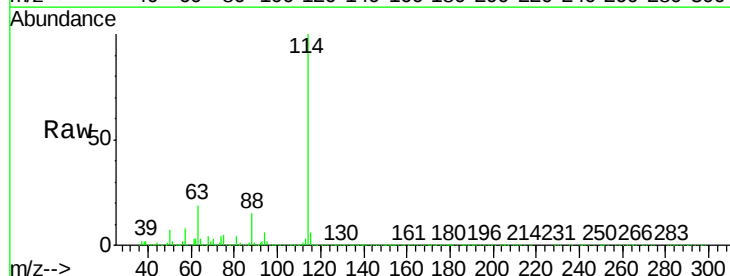
Tgt Ion: 114 Resp: 880127

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

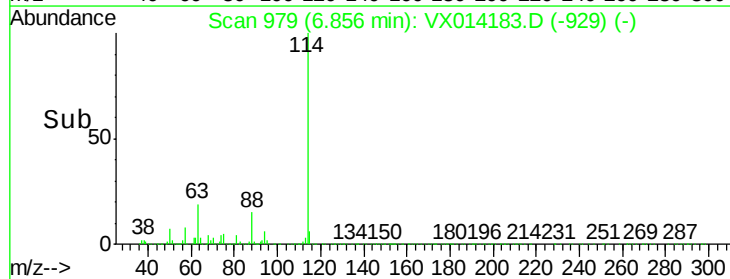
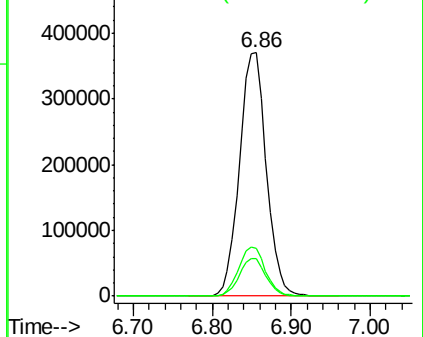
88 15.3 0.0 30.4

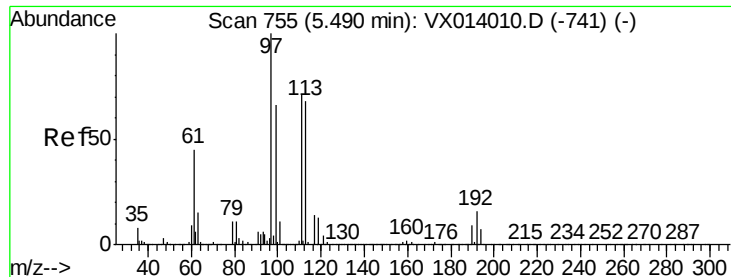


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.237 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

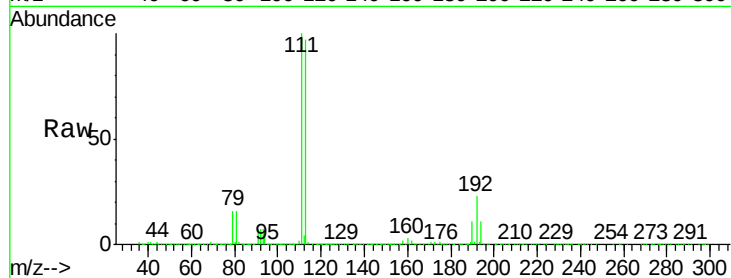
Tgt Ion:113 Resp: 258077

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

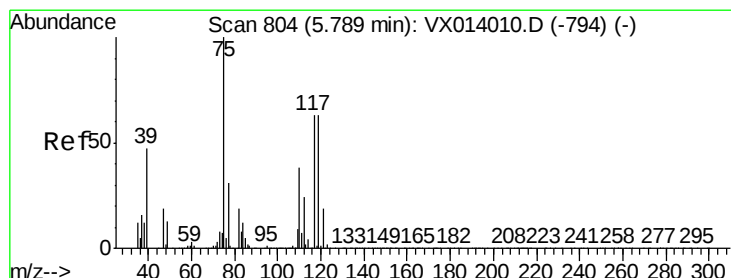
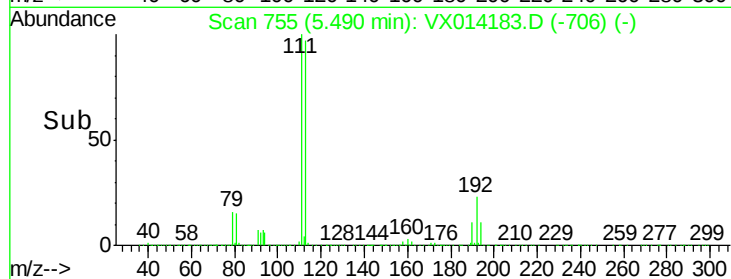
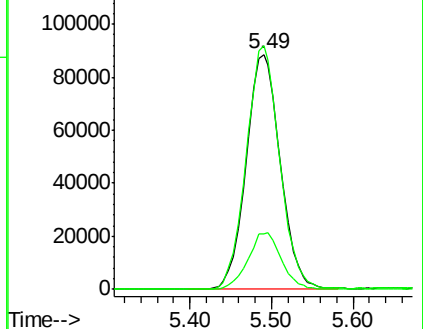
192 23.8 19.3 28.9



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: 4.887 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

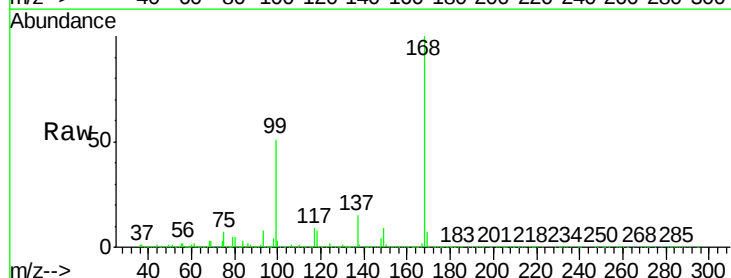
Tgt Ion: 75 Resp: 39468

Ion Ratio Lower Upper

75 100

110 10.4 18.3 54.9#

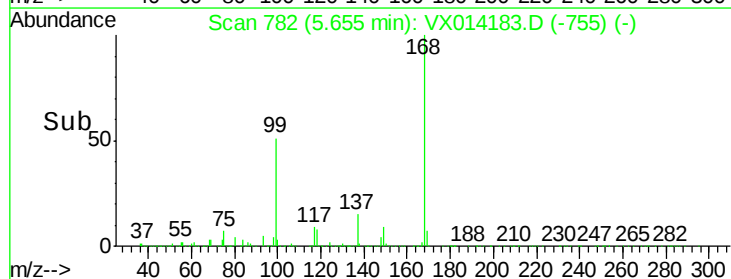
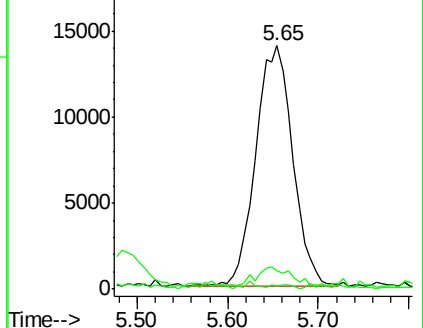
77 1.0 24.8 37.2#

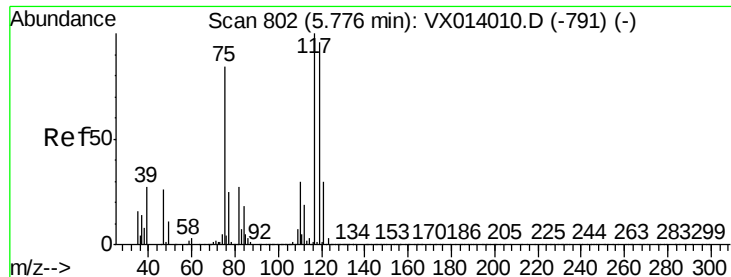


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.955 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampled :

MW-6DL

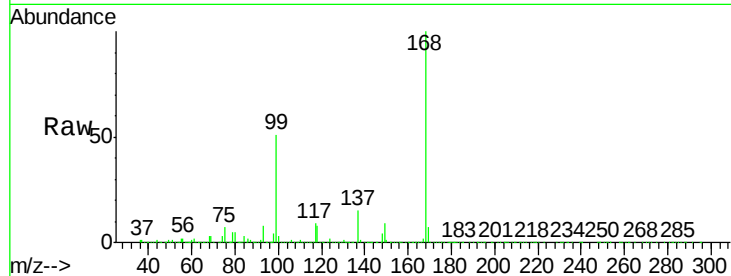
Tgt Ion:117 Resp: 51165

Ion Ratio Lower Upper

117 100

119 4.3 76.2 114.4#

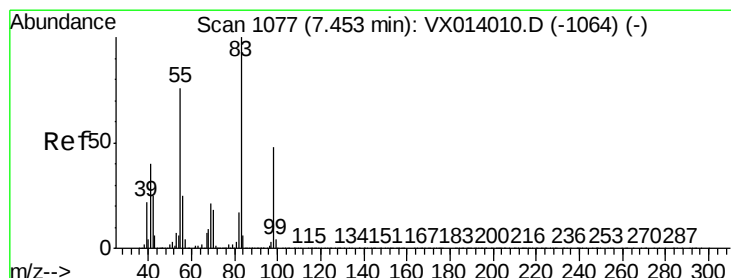
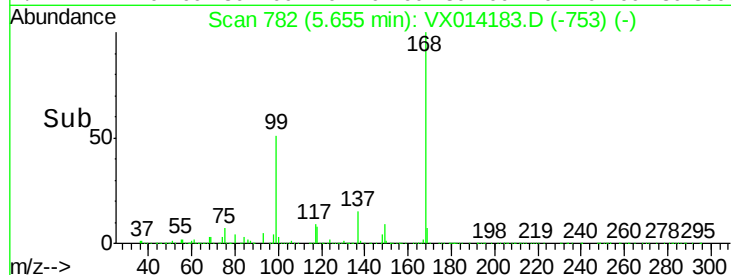
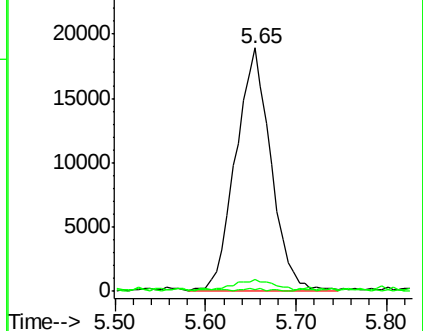
121 0.2 23.6 35.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 2.384 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

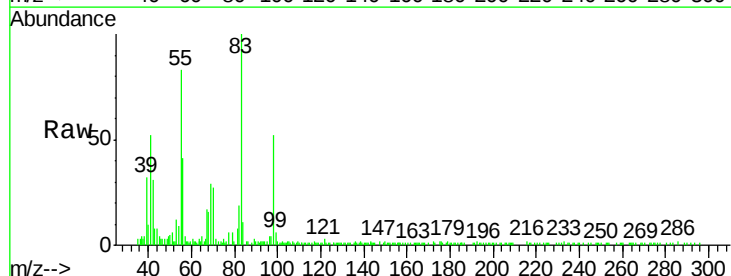
Tgt Ion: 83 Resp: 23772

Ion Ratio Lower Upper

83 100

55 80.6 61.0 91.6

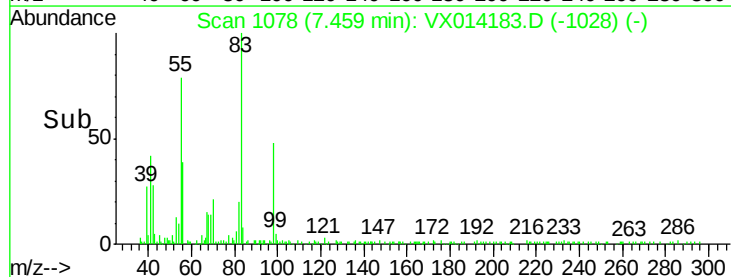
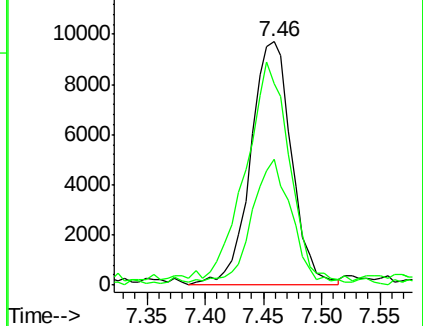
98 49.6 38.6 57.8

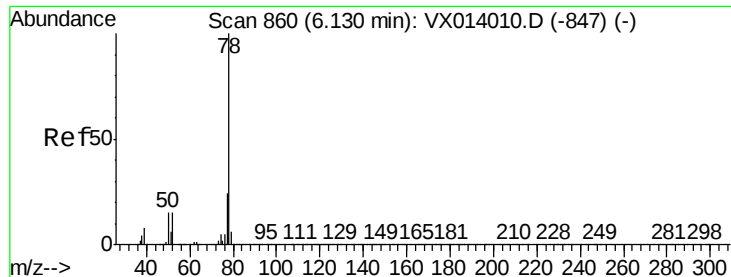


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 14.728 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

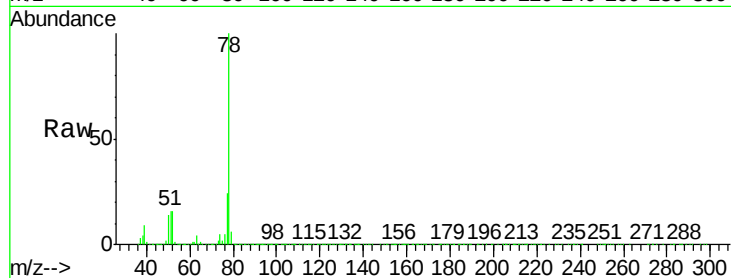
MW-6DL

Tgt Ion: 78 Resp: 365953

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

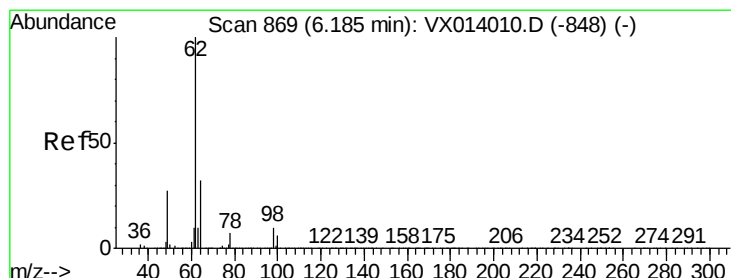
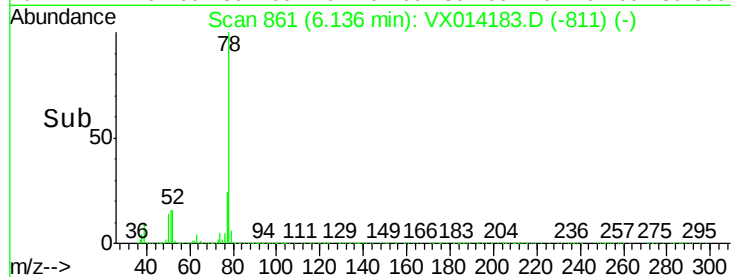
150000

100000

50000

0

Time-->



#42

1,2-Dichloroethane

Concen: 0.317 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.05 min

Lab File: VX014183.D

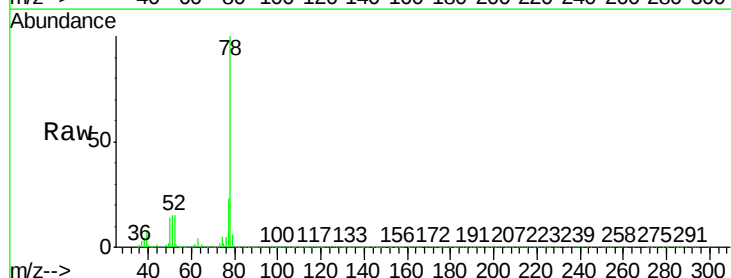
Acq: 20 Dec 2019 18:46

Tgt Ion: 62 Resp: 2672

Ion Ratio Lower Upper

62 100

98 14.8 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

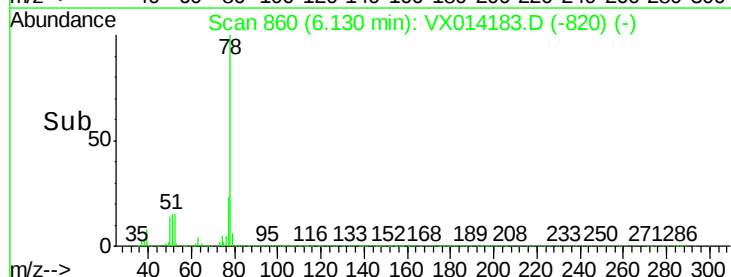
1500

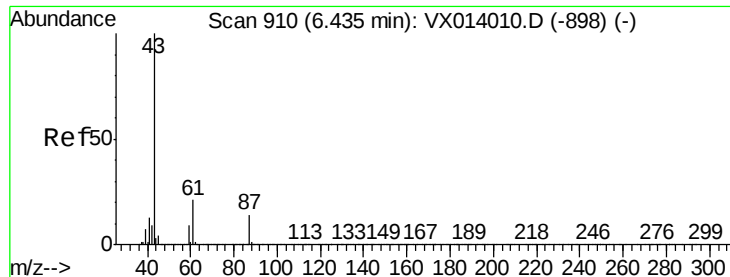
1000

500

0

Time-->





#43

Isopropyl Acetate

Concen: 1.907 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampled :

MW-6DL

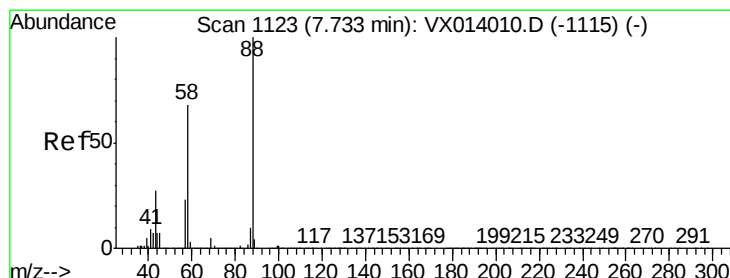
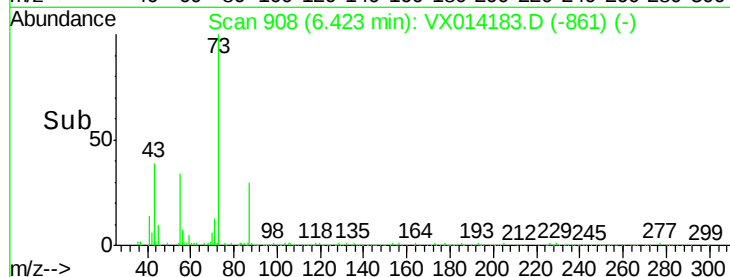
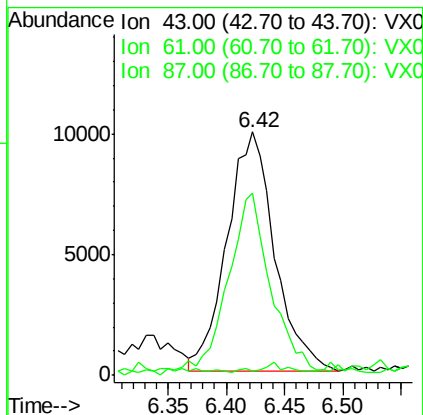
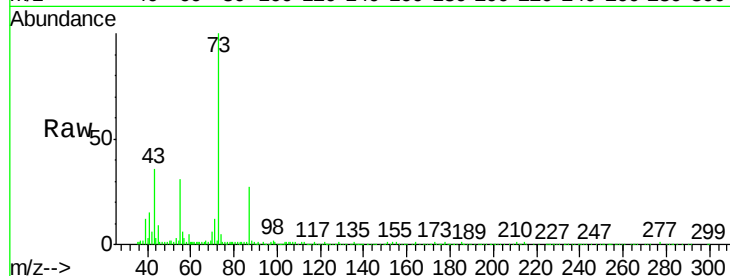
Tgt Ion: 43 Resp: 28150

Ion Ratio Lower Upper

43 100

61 0.3 16.4 24.6#

87 70.6 10.7 16.1#



#49

1,4-Dioxane

Concen: 4.889 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.03 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

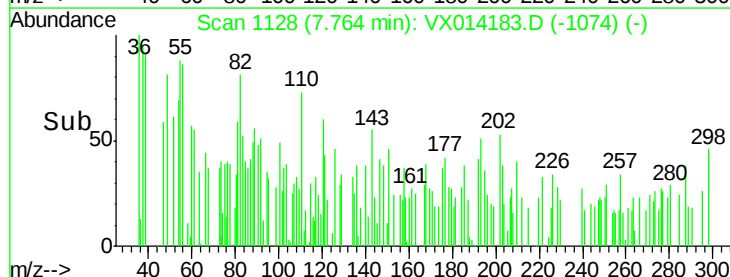
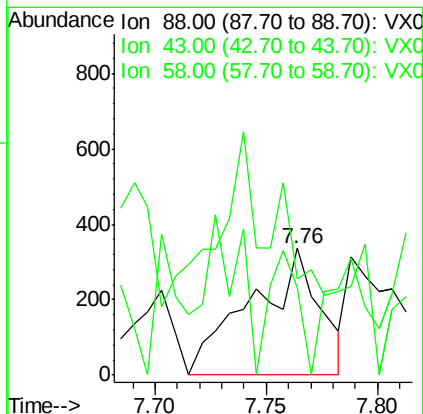
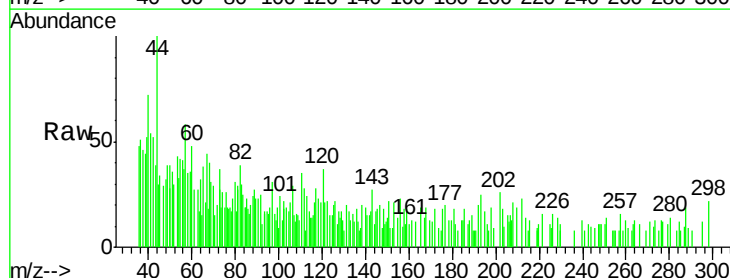
Tgt Ion: 88 Resp: 719

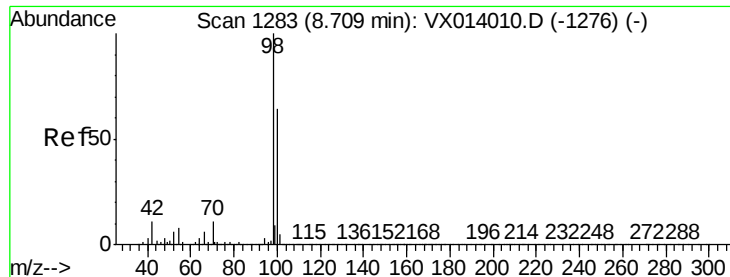
Ion Ratio Lower Upper

88 100

43 0.0 26.5 39.7#

58 40.8 56.8 85.2#

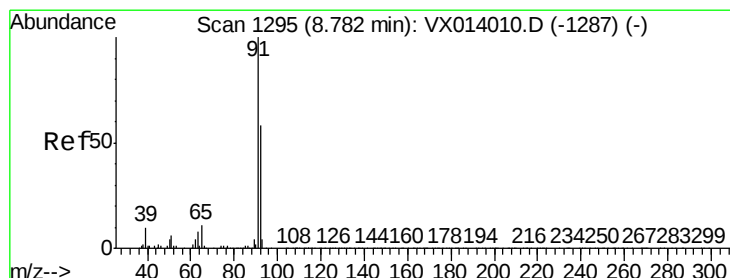
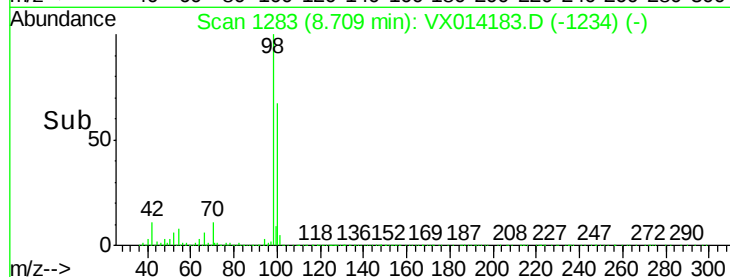
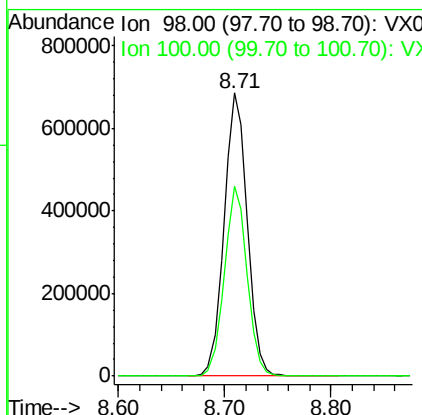
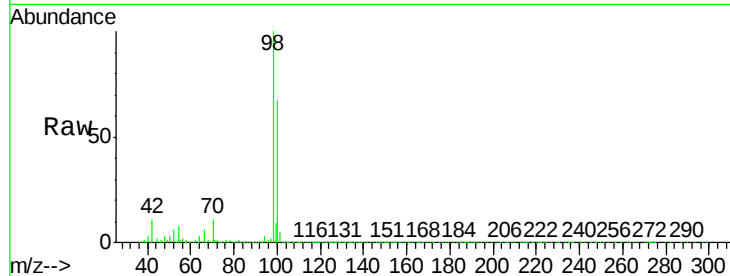




#50
Toluene-d8
Concen: 50.035 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014183.D
Acq: 20 Dec 2019 18:46

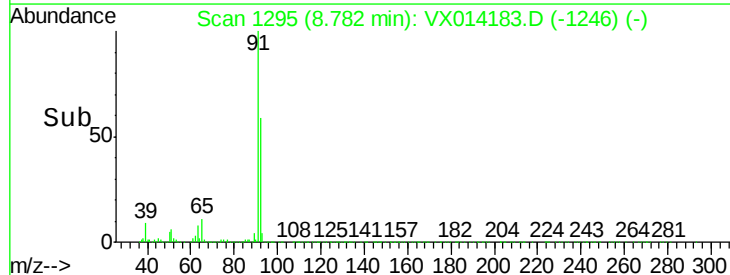
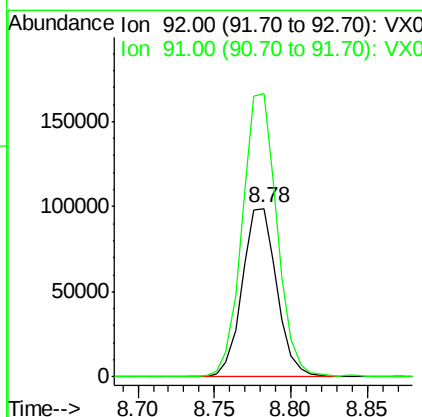
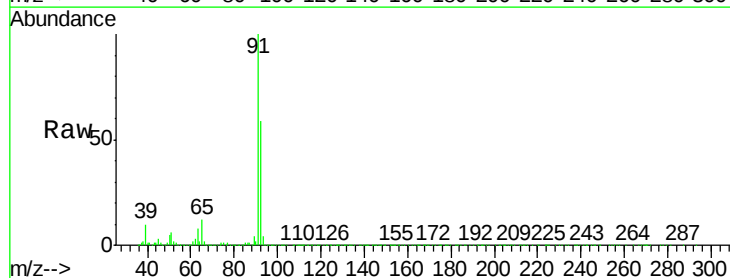
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

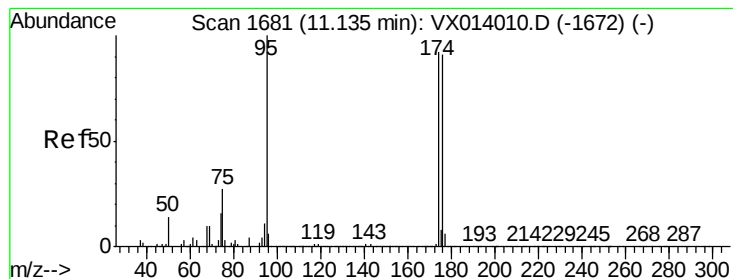
Tgt Ion: 98 Resp: 1042220
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#52
Toluene
Concen: 9.784 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014183.D
Acq: 20 Dec 2019 18:46

Tgt Ion: 92 Resp: 153664
Ion Ratio Lower Upper
92 100
91 169.7 136.2 204.4





#62

4-Bromofluorobenzene

Concen: 47.221 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

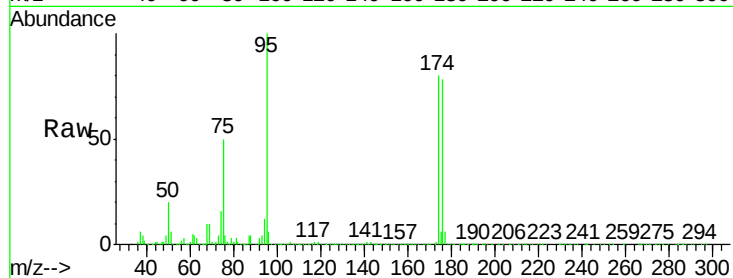
Tgt Ion: 95 Resp: 359547

Ion Ratio Lower Upper

95 100

174 88.2 0.0 175.8

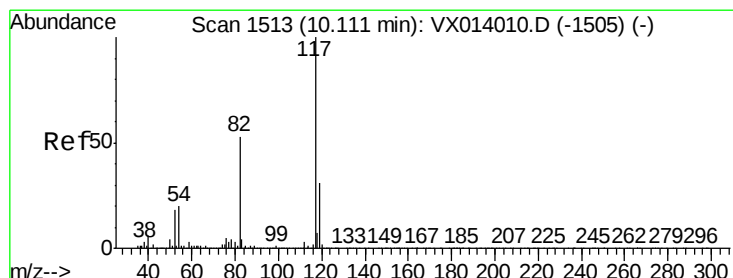
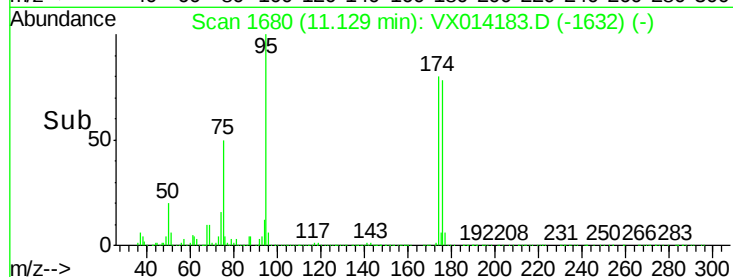
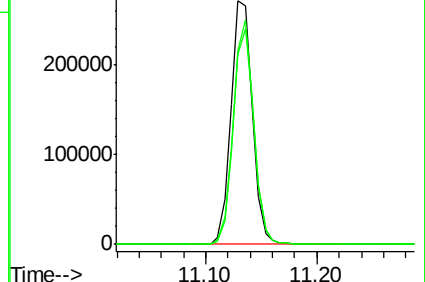
176 85.7 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX014010.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX014010.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX014010.D (-1672) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

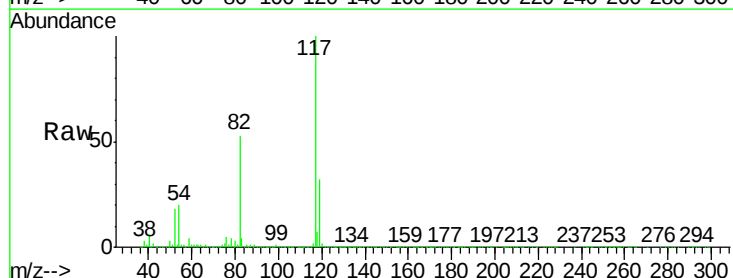
Tgt Ion: 117 Resp: 785104

Ion Ratio Lower Upper

117 100

82 53.0 42.2 63.4

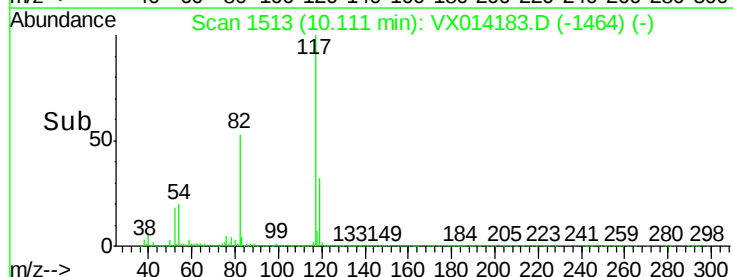
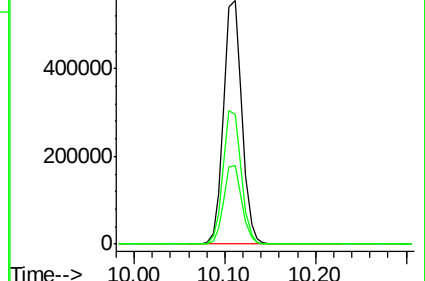
119 32.2 25.1 37.7

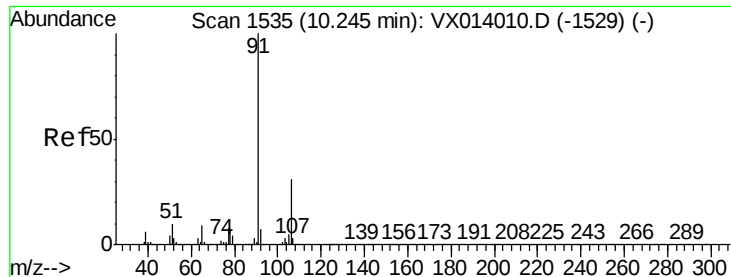


Abundance Ion 116.90 (116.60 to 117.60): VX014010.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX014010.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX014010.D (-1505) (-)





#67

Ethyl Benzene

Concen: 8.979 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

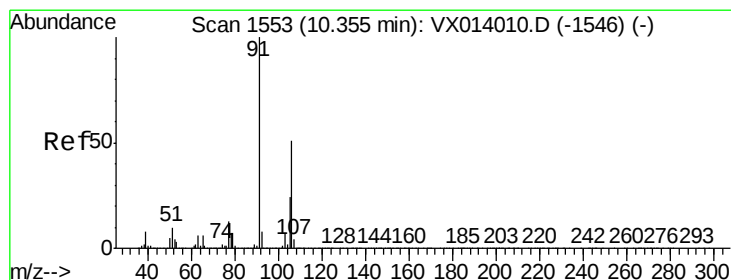
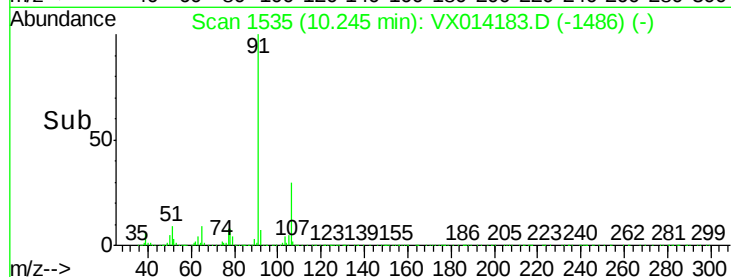
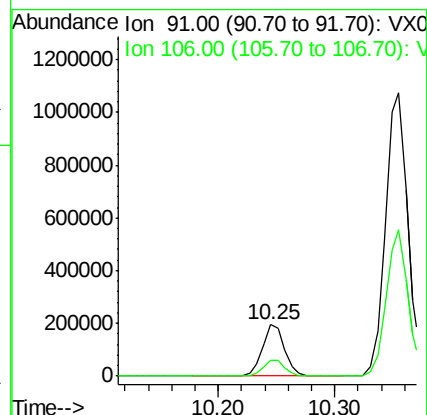
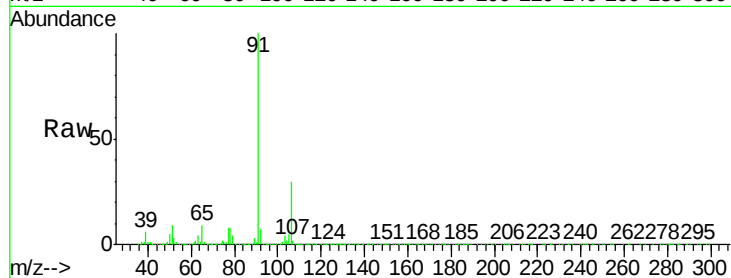
MW-6DL

Tgt Ion: 91 Resp: 257693

Ion Ratio Lower Upper

91 100

106 30.4 25.0 37.6



#68

m/p-Xylenes

Concen: 65.396 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014183.D

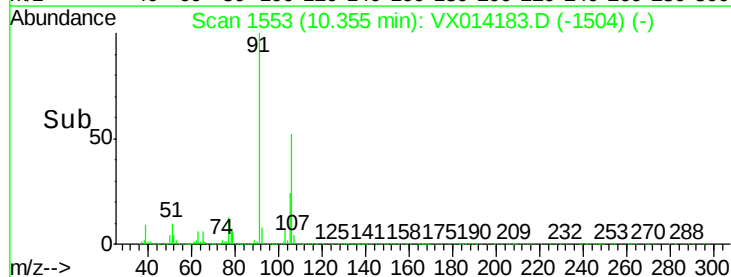
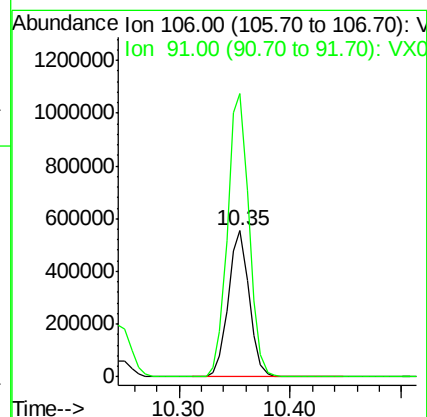
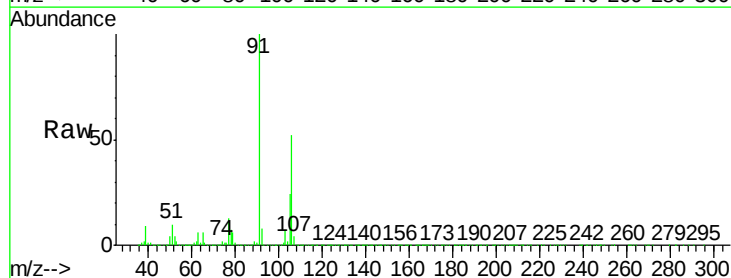
Acq: 20 Dec 2019 18:46

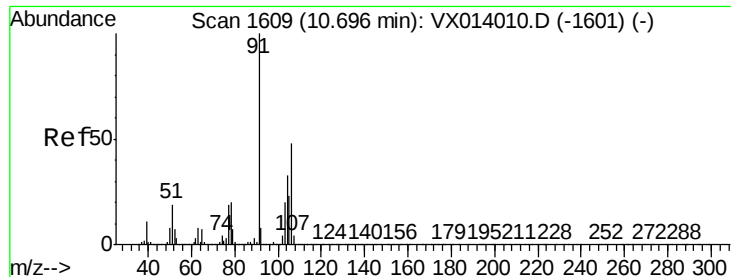
Tgt Ion: 106 Resp: 721861

Ion Ratio Lower Upper

106 100

91 198.4 158.6 238.0

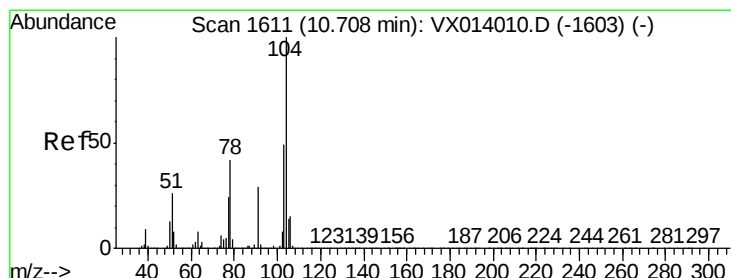
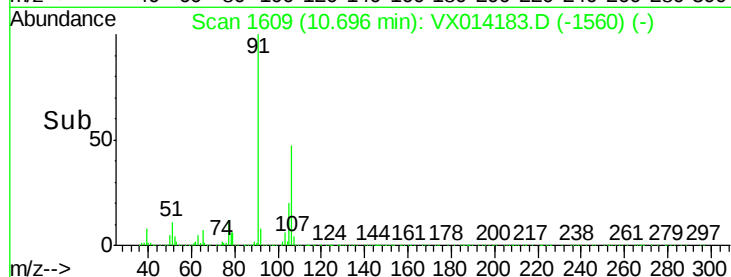
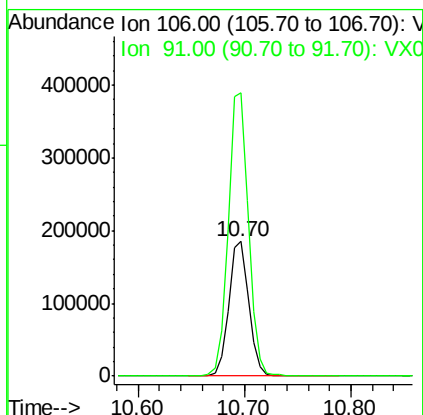
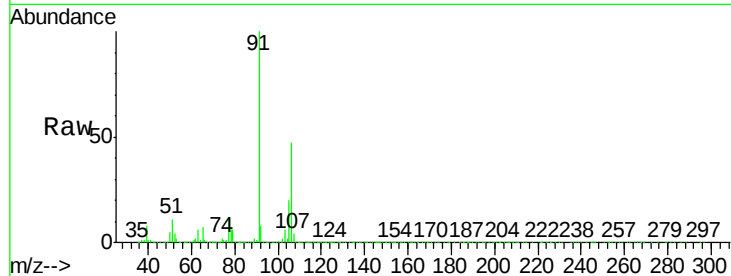




#69
o-Xylene
Concen: 22.474 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014183.D
Acq: 20 Dec 2019 18:46

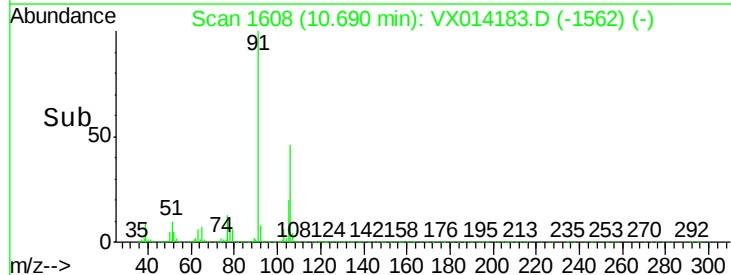
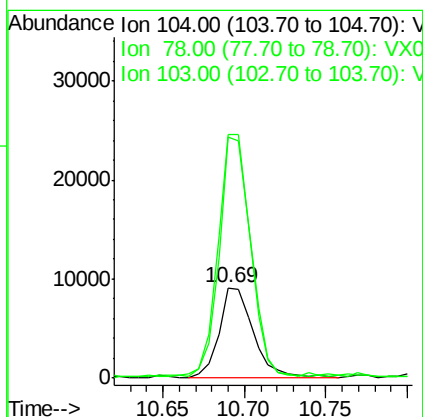
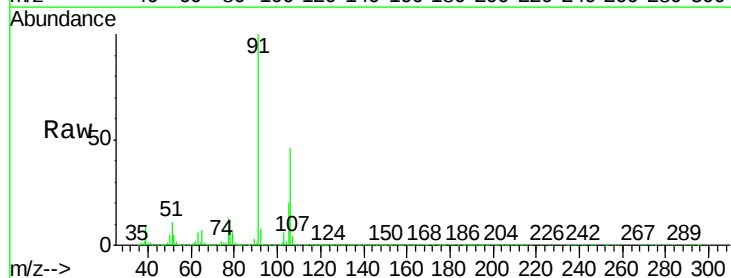
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

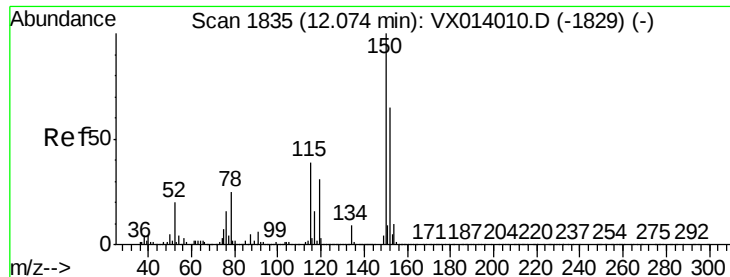
Tgt Ion:106 Resp: 243299
Ion Ratio Lower Upper
106 100
91 212.6 104.2 312.6



#70
Styrene
Concen: 0.741 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.02 min
Lab File: VX014183.D
Acq: 20 Dec 2019 18:46

Tgt Ion:104 Resp: 13566
Ion Ratio Lower Upper
104 100
78 251.2 38.5 57.7#
103 238.8 42.9 64.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

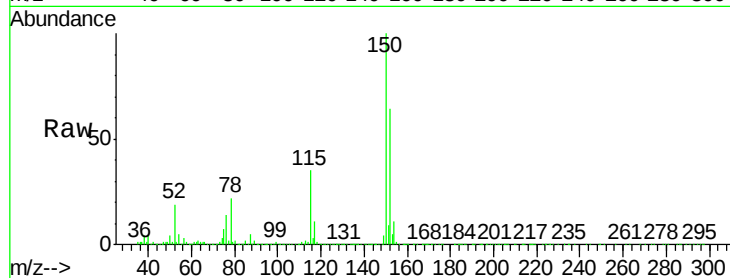
Tgt Ion:152 Resp: 364128

Ion Ratio Lower Upper

152 100

115 55.8 38.3 114.9

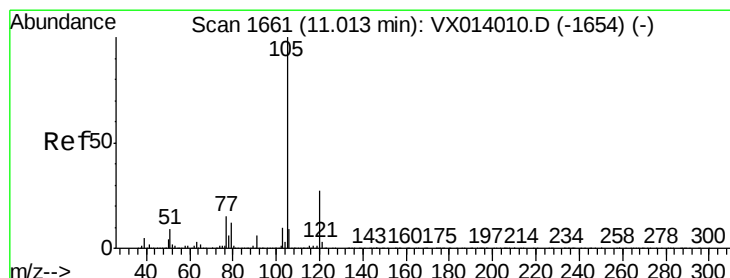
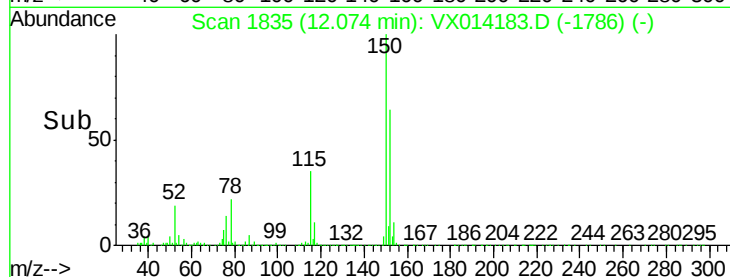
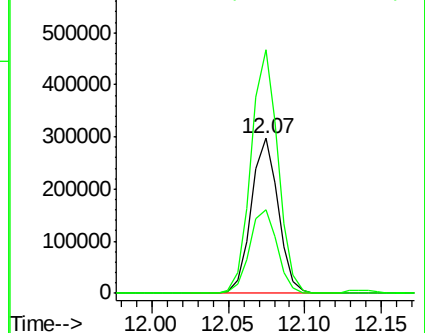
150 156.9 0.0 345.4



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: 0.678 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014183.D

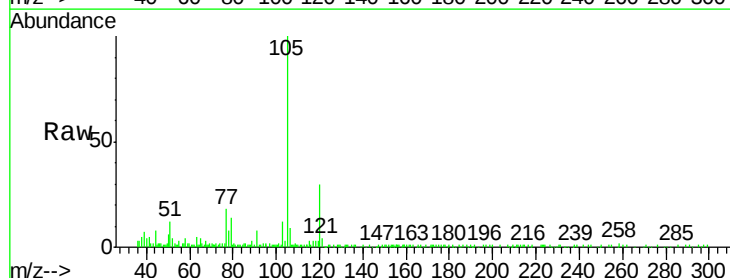
Acq: 20 Dec 2019 18:46

Tgt Ion:105 Resp: 17373

Ion Ratio Lower Upper

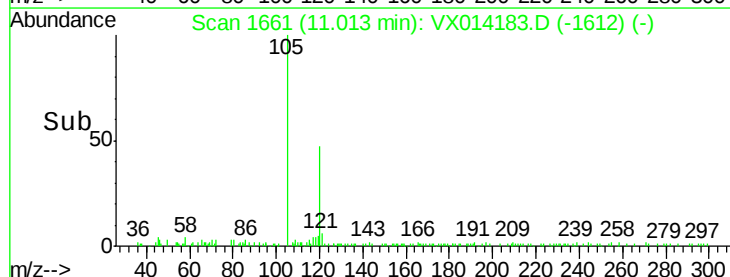
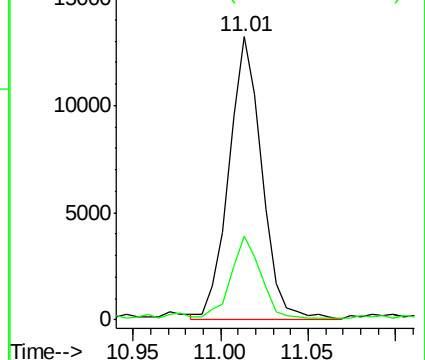
105 100

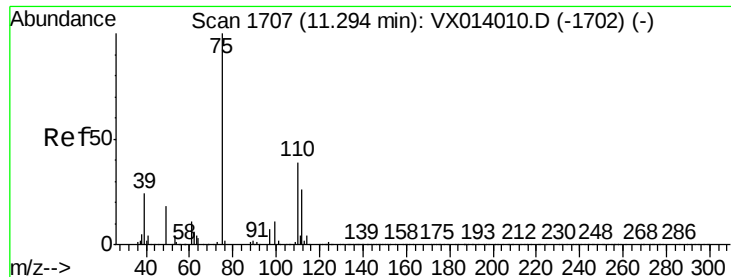
120 25.9 13.5 40.4



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: 22.323 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

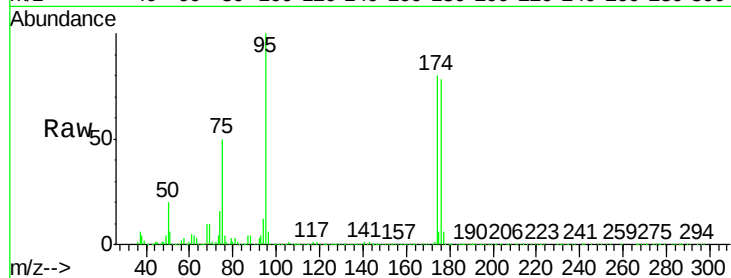
MW-6DL

Tgt Ion: 75 Resp: 176467

Ion Ratio Lower Upper

75 100

77 1.2 19.3 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

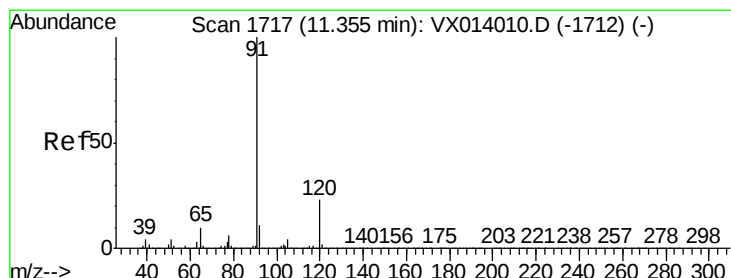
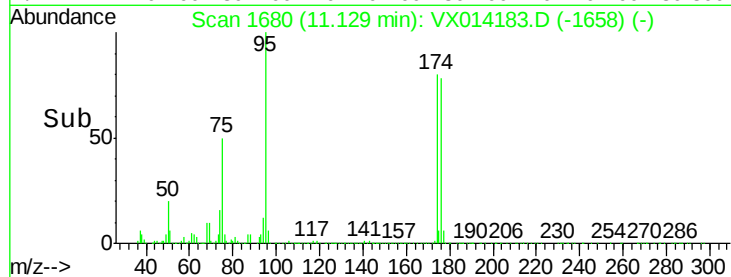
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 0.800 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014183.D

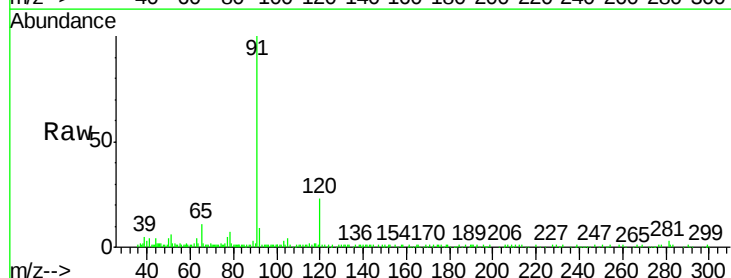
Acq: 20 Dec 2019 18:46

Tgt Ion: 91 Resp: 23010

Ion Ratio Lower Upper

91 100

120 22.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

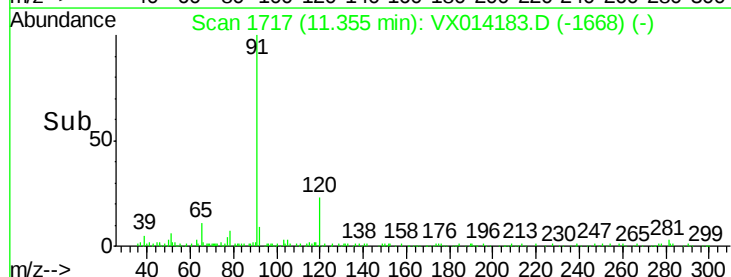
60000

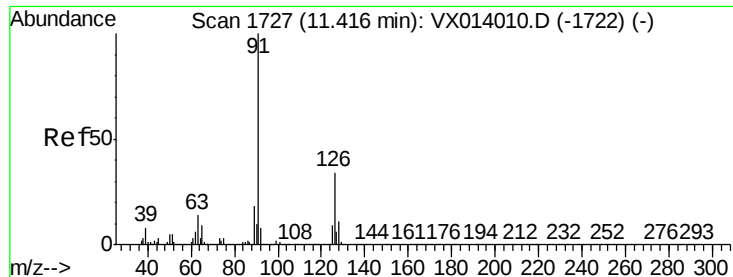
40000

20000

0

Time-->





#79

2-Chlorotoluene

Concen: 2.522 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampled :

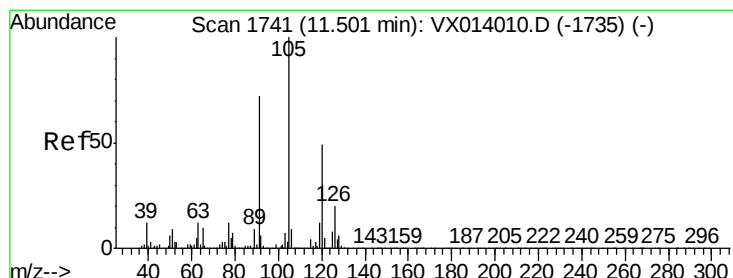
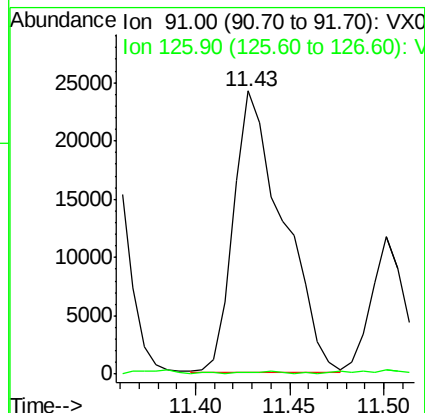
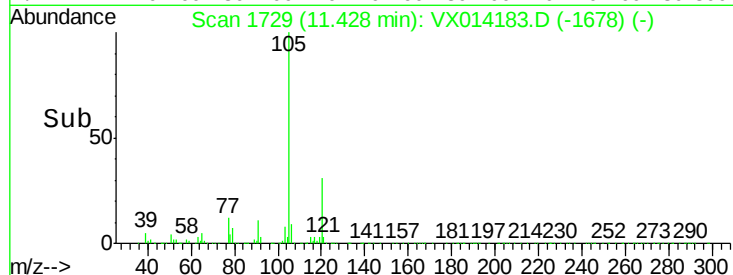
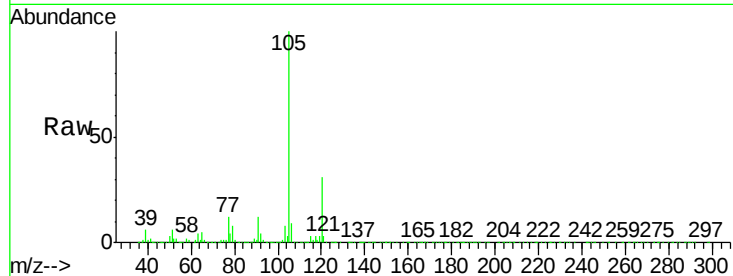
MW-6DL

Tgt Ion: 91 Resp: 44092

Ion Ratio Lower Upper

91 100

126 0.3 17.2 51.6#



#80

1,3,5-Trimethylbenzene

Concen: 6.813 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014183.D

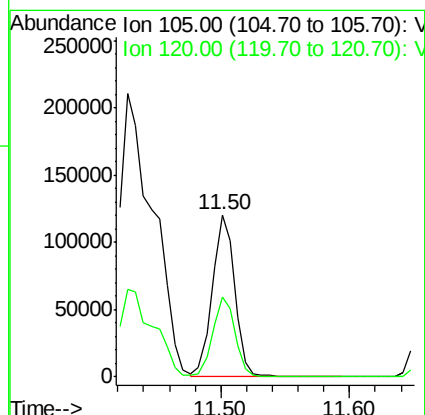
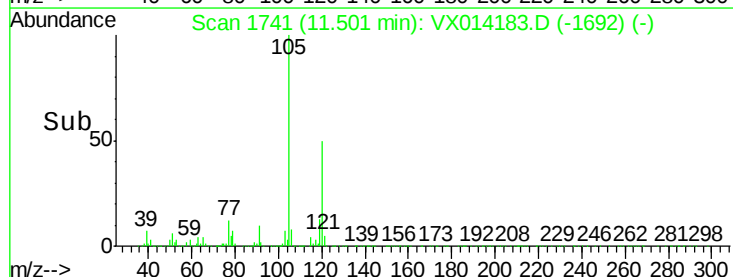
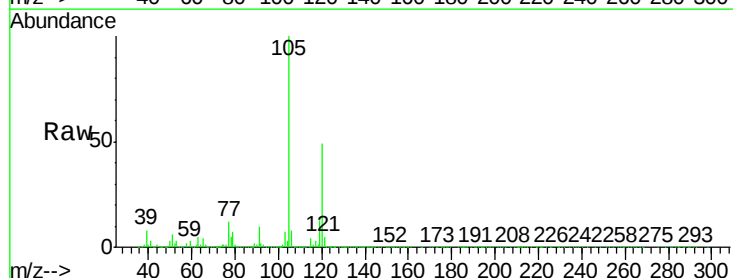
Acq: 20 Dec 2019 18:46

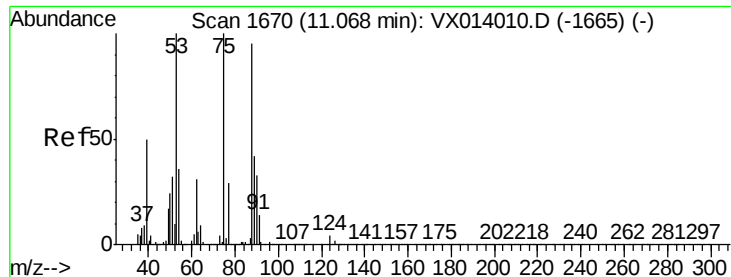
Tgt Ion: 105 Resp: 147008

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.8

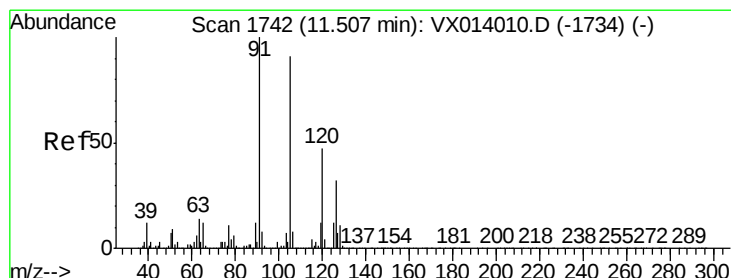
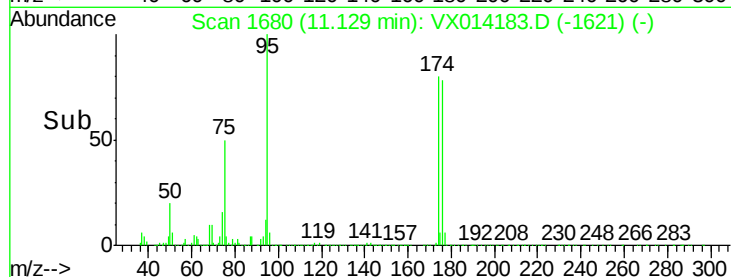
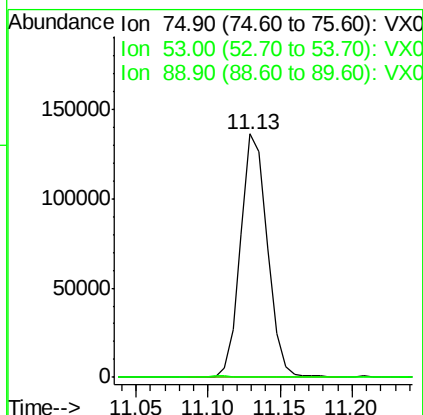
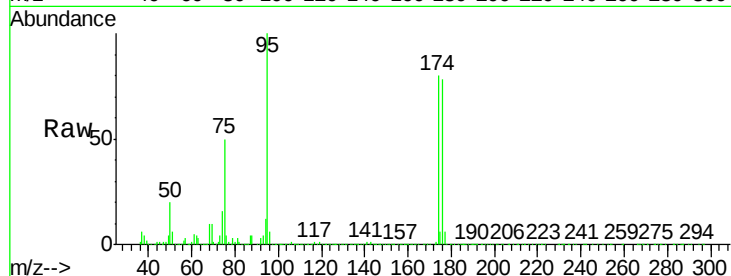




#81
trans-1,4-Dichloro-2-butene
Concen: 63.007 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014183.D
Acq: 20 Dec 2019 18:46

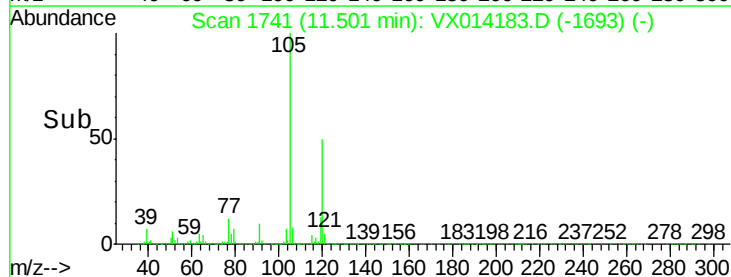
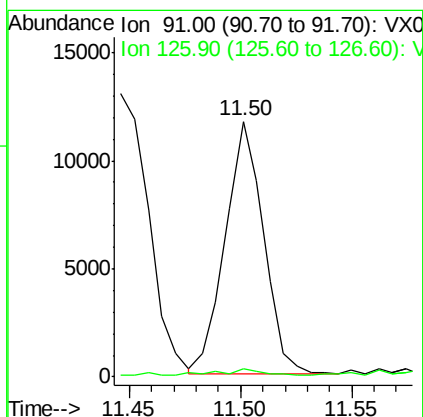
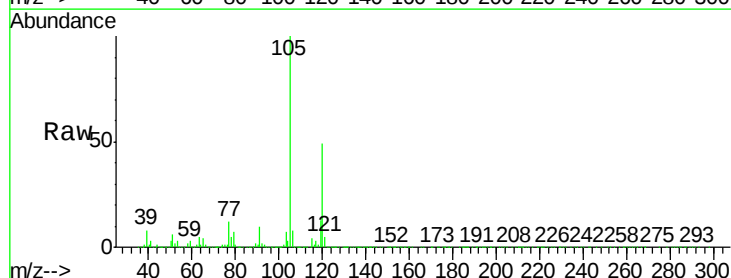
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

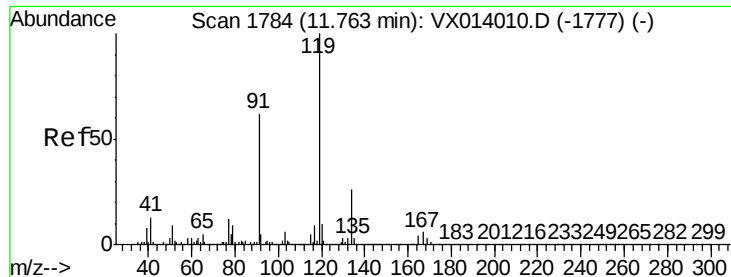
Tgt Ion: 75 Resp: 176467
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 34.6 51.8#



#82
4-Chlorotoluene
Concen: 0.686 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014183.D
Acq: 20 Dec 2019 18:46

Tgt Ion: 91 Resp: 13907
Ion Ratio Lower Upper
91 100
126 5.2 15.6 46.8#

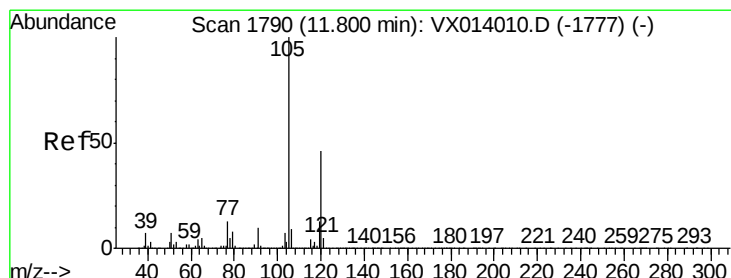
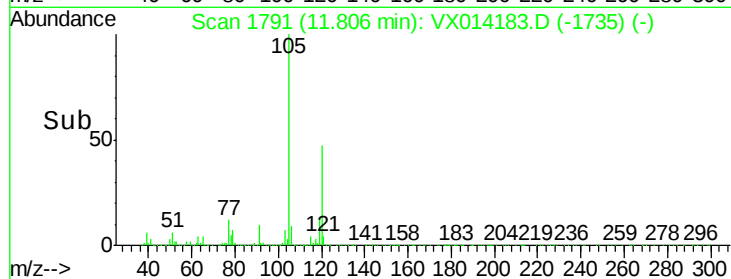
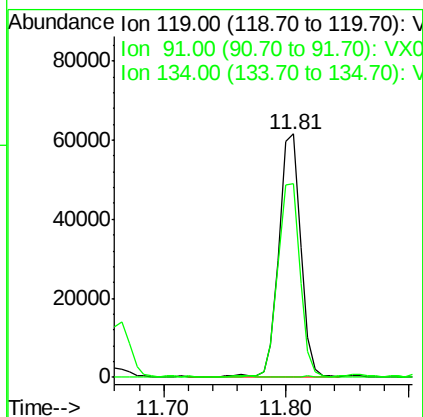
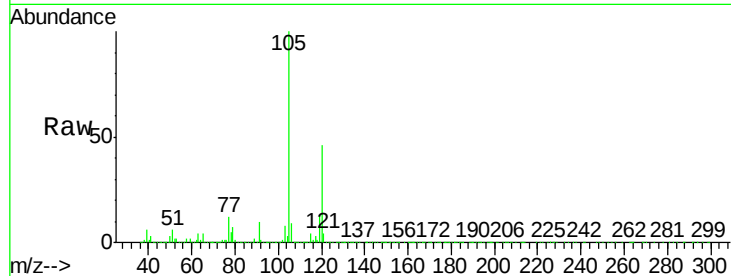




#83
 tert-Butylbenzene
 Concen: 3.640 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.04 min
 Lab File: VX014183.D
 Acq: 20 Dec 2019 18:46

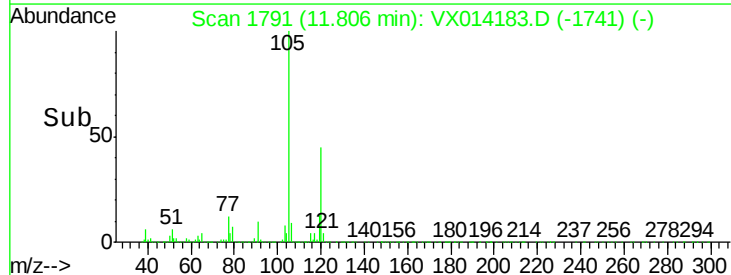
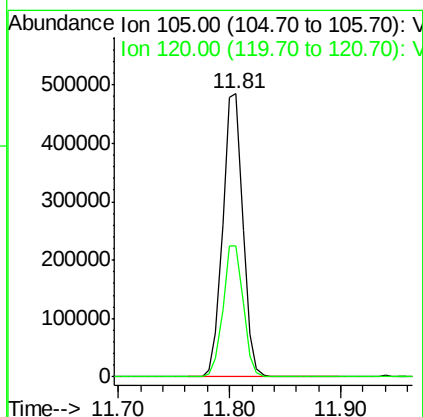
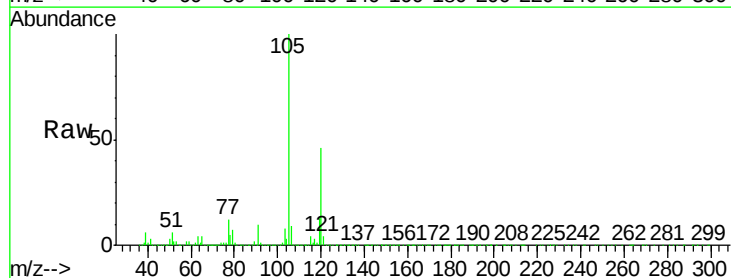
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

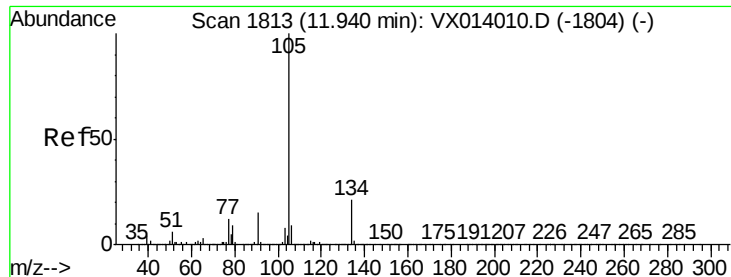
Tgt Ion:119 Resp: 76425
 Ion Ratio Lower Upper
 119 100
 91 80.8 28.5 85.6
 134 0.5 12.2 36.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 28.074 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX014183.D
 Acq: 20 Dec 2019 18:46

Tgt Ion:105 Resp: 606607
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2

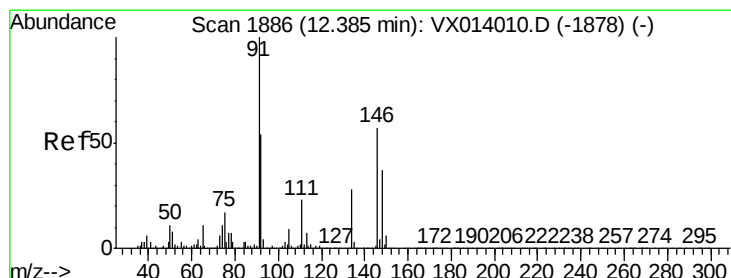
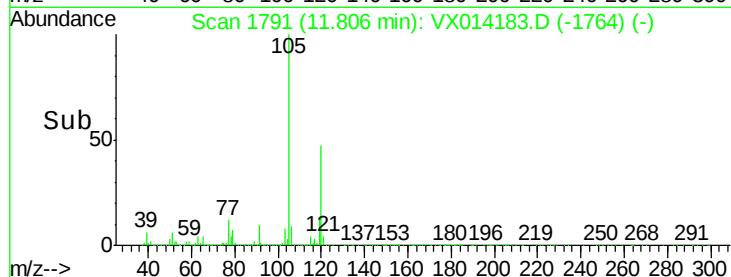
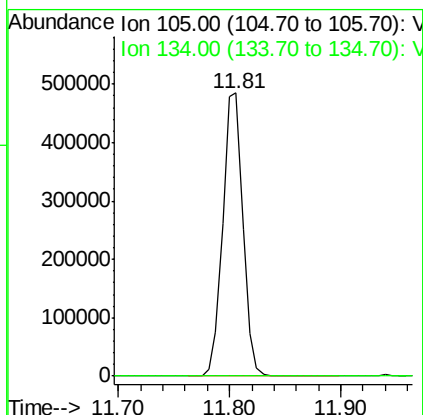
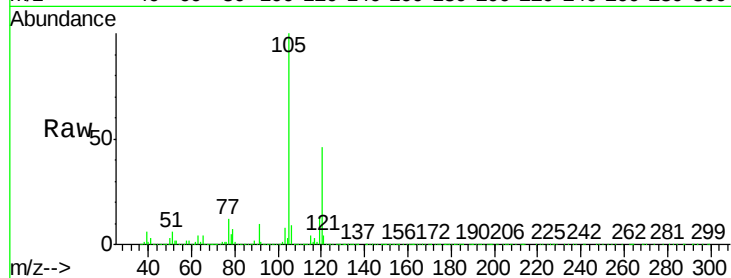




#85
 sec-Butylbenzene
 Concen: 24.472 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.13 min
 Lab File: VX014183.D
 Acq: 20 Dec 2019 18:46

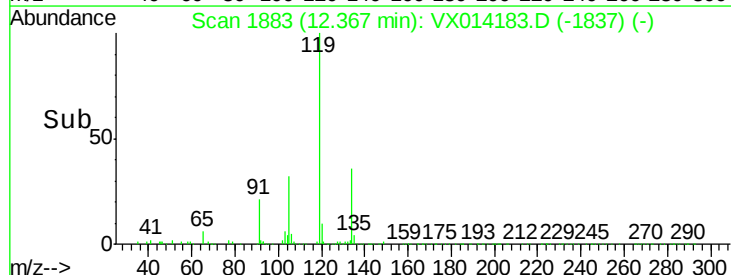
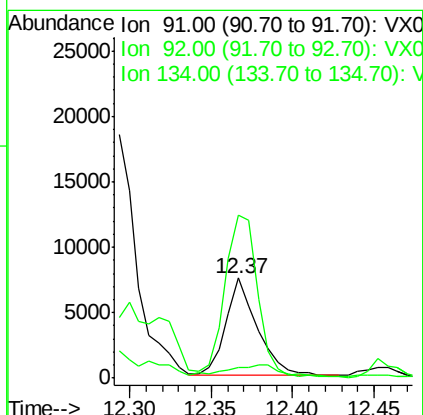
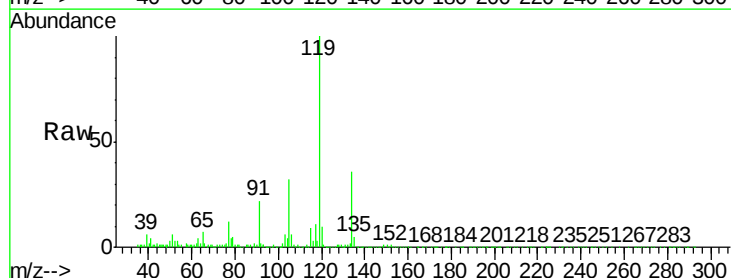
Instrument :
 MSVOA_X
 ClientSampled :
 MW-6DL

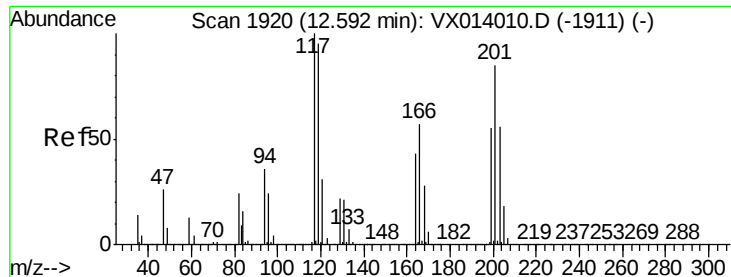
Tgt Ion: 105 Resp: 606607
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 0.507 ug/l
 RT: 12.37 min Scan# 1883
 Delta R.T. -0.02 min
 Lab File: VX014183.D
 Acq: 20 Dec 2019 18:46

Tgt Ion: 91 Resp: 9802
 Ion Ratio Lower Upper
 91 100
 92 17.0 27.2 81.6#
 134 175.1 13.4 40.1#





#90

Hexachloroethane

Concen: 0.910 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

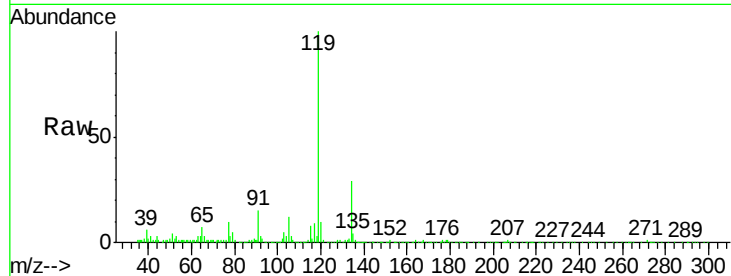
MW-6DL

Tgt Ion:117 Resp: 3707

Ion Ratio Lower Upper

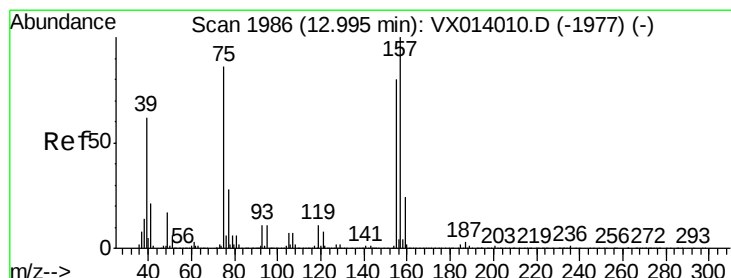
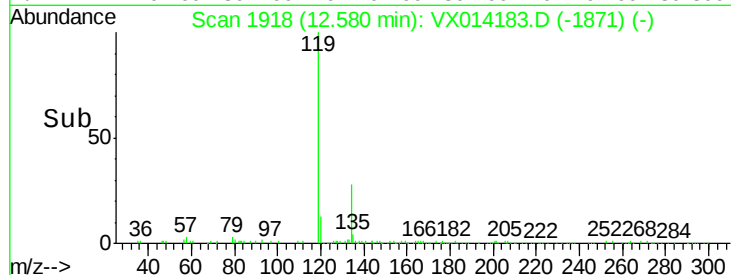
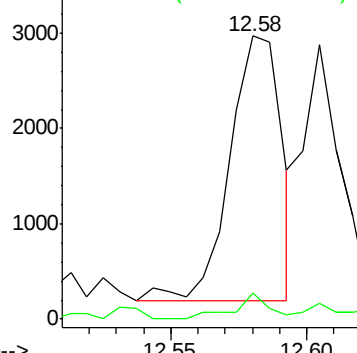
117 100

201 6.6 43.1 129.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.297 ug/l

RT: 12.98 min Scan# 1983

Delta R.T. -0.02 min

Lab File: VX014183.D

Acq: 20 Dec 2019 18:46

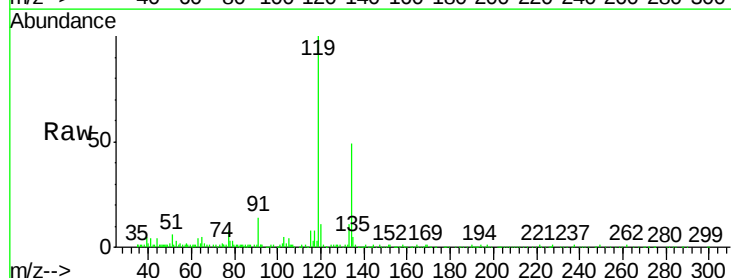
Tgt Ion: 75 Resp: 584

Ion Ratio Lower Upper

75 100

155 44.2 46.9 140.6#

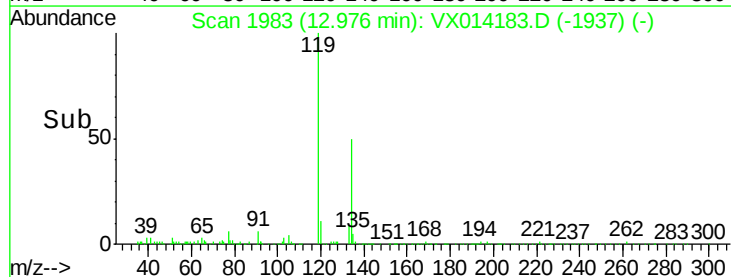
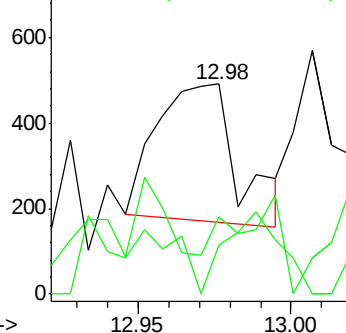
157 41.8 60.8 182.4#

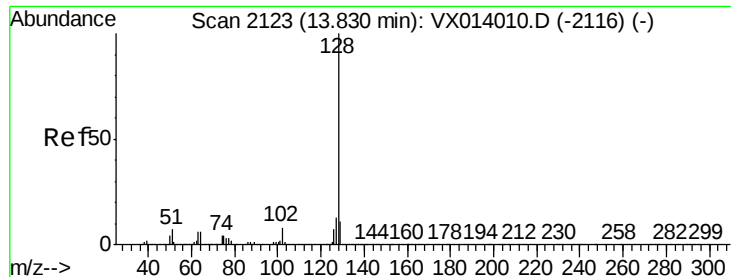


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

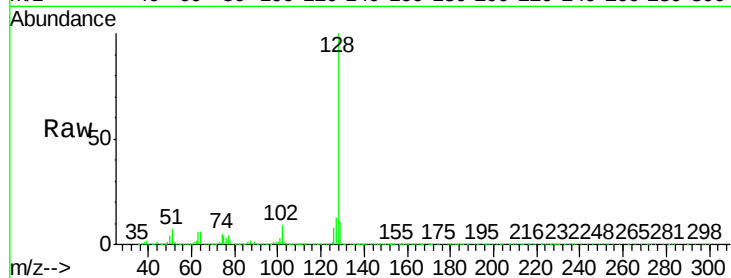




#95
Naphthalene
Concen: 5.830 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014183.D
Acq: 20 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.1	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

