

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055246.D
 Acq On : 25 Apr 2019 15:09
 Operator : JC/SP
 Sample : K2522-07
 Misc : 6.84g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-WOODBURY

Quant Time: Apr 26 02:18:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	336761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	561719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	541863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	201626	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	229486	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
35) Dibromofluoromethane	7.59	113	183444	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
50) Toluene-d8	10.09	98	706017	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.40	95	243070	54.29	ug/l	0.00
Spiked Amount			Recovery	=	108.58%	

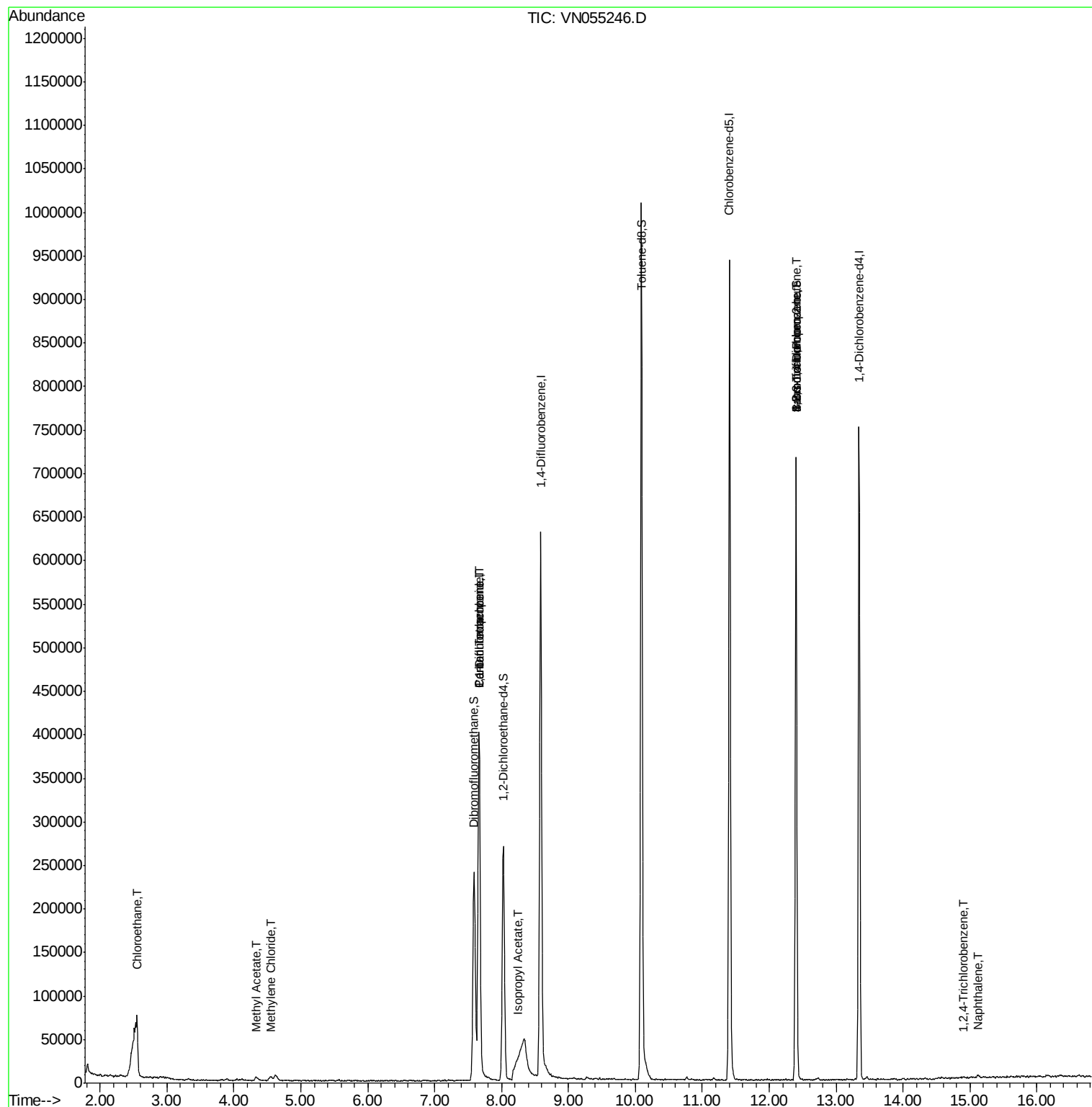
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	2.55	64	1061	0.473	ug/l	94
18) Methyl Acetate	4.33	43	9191	1.751	ug/l #	73
20) Methylene Chloride	4.55	84	3109	0.718	ug/l #	87
31) Cyclohexane	7.66	56	7441	Below Cal	#	23
36) 1,1-Dichloropropene	7.66	75	24871	4.770	ug/l #	50
38) Carbon Tetrachloride	7.66	117	30243	6.195	ug/l #	17
43) Isopropyl Acetate	8.23	43	28622	4.201	ug/l #	56
71) Bromoform	12.40	173	2398	0.980	ug/l #	1
73) Isopropylbenzene	12.25	105	440	Below Cal	#	49
76) 1,2,3-Trichloropropane	12.40	75	122961	30.061	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	122961	113.954	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.91	180	30	2.747	ug/l #	1
94) Hexachlorobutadiene	15.01	225	68	Below Cal	#	18
95) Naphthalene	15.13	128	1689	3.633	ug/l #	87

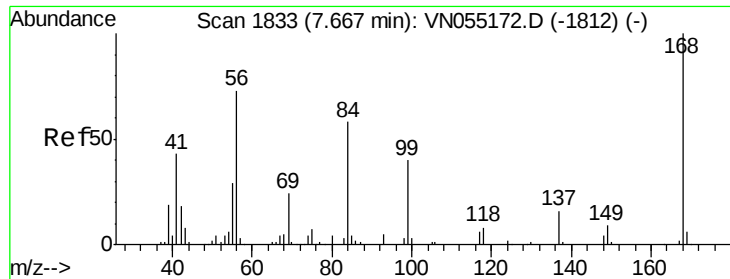
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042519\
Data File : VN055246.D
Acq On : 25 Apr 2019 15:09
Operator : JC/SP
Sample : K2522-07
Misc : 6.84g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SP-WOODBURY

Quant Time: Apr 26 02:18:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055246.D

Acq: 25 Apr 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

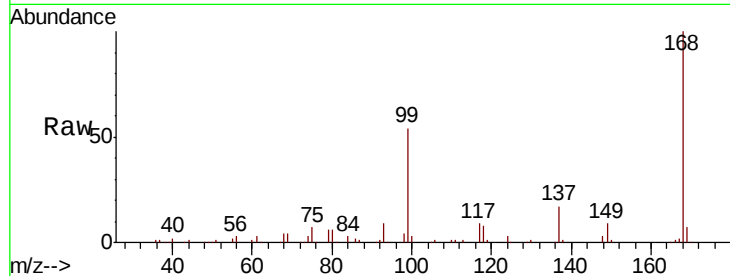
SP-WOODBURY

Tot Ion:168 Resp: 336761

Ion Ratio Lower Upper

168 100

99 53.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

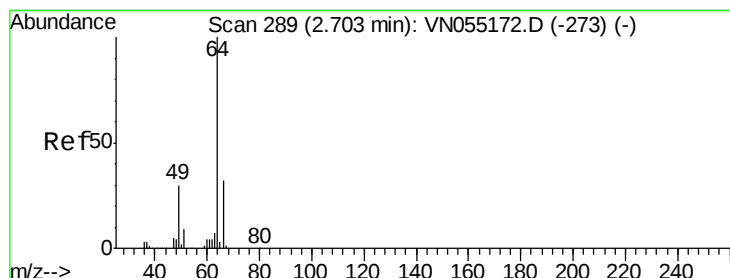
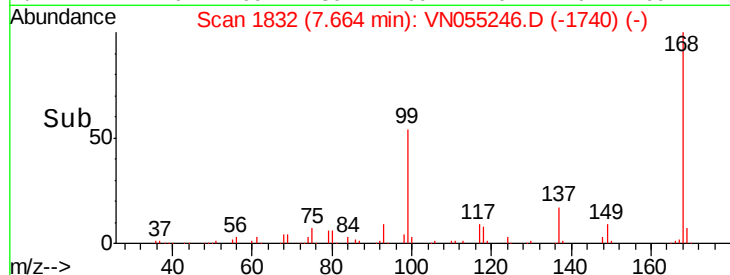
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 0.473 ug/l

RT: 2.55 min Scan# 242

Delta R.T. -0.15 min

Lab File: VN055246.D

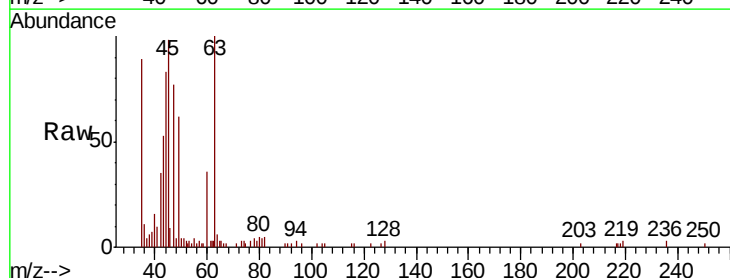
Acq: 25 Apr 2019 15:09

Tgt Ion: 64 Resp: 1061

Ion Ratio Lower Upper

64 100

66 28.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.55

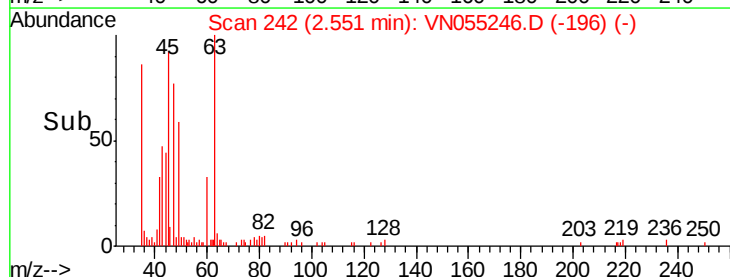
600

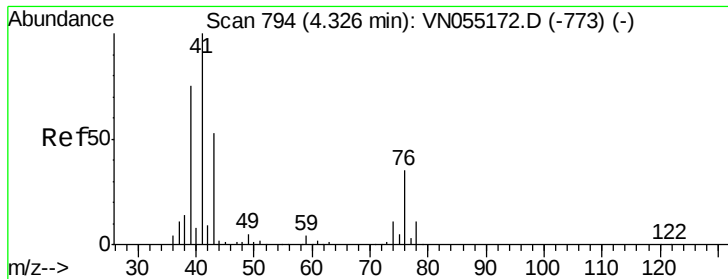
400

200

0

Time-->

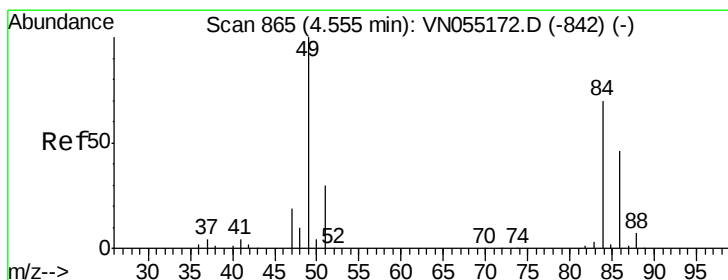
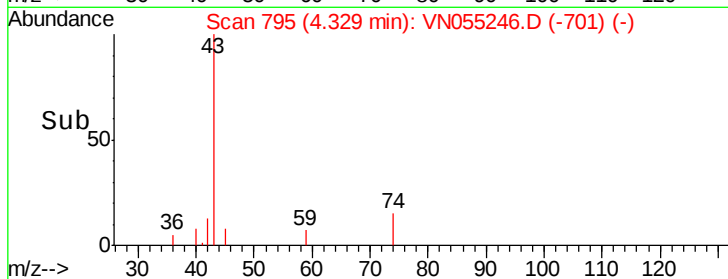
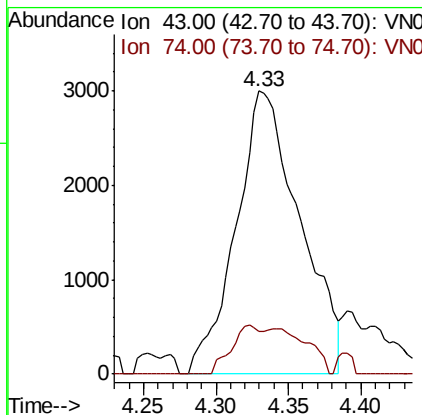
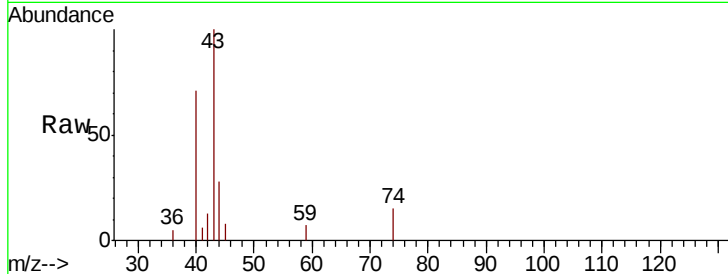




#18
Methyl Acetate
Concen: 1.751 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055246.D
Acq: 25 Apr 2019 15:09

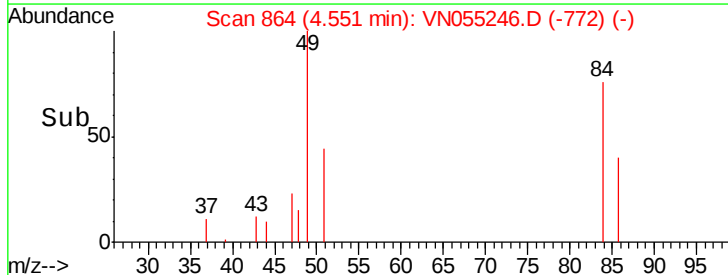
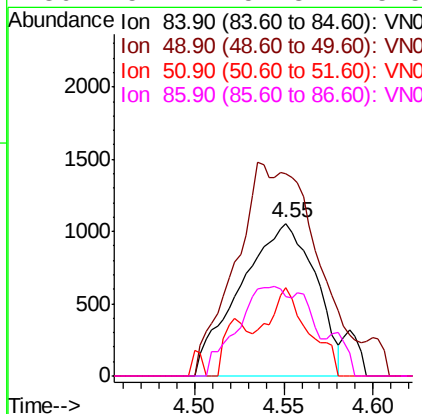
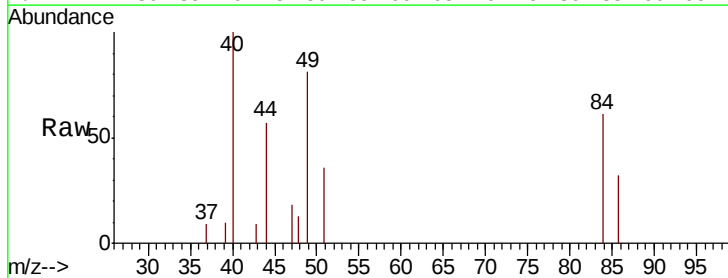
Instrument :
MSVOA_N
ClientSampled :
SP-WOODBURY

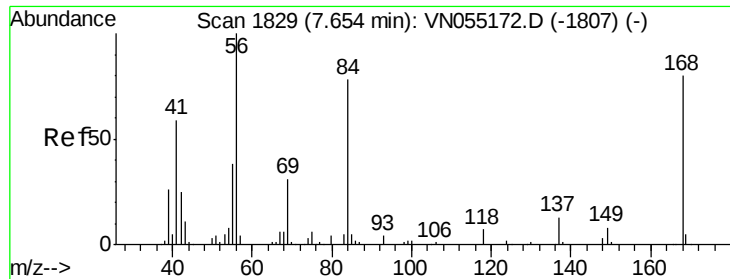
Tot Ion: 43 Resp: 9191
Ion Ratio Lower Upper
43 100
74 8.3 16.7 25.1#



#20
Methylene Chloride
Concen: 0.718 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055246.D
Acq: 25 Apr 2019 15:09

Tgt Ion: 84 Resp: 3109
Ion Ratio Lower Upper
84 100
49 132.3 113.8 170.6
51 58.2 34.0 51.0#
86 52.4 52.3 78.5

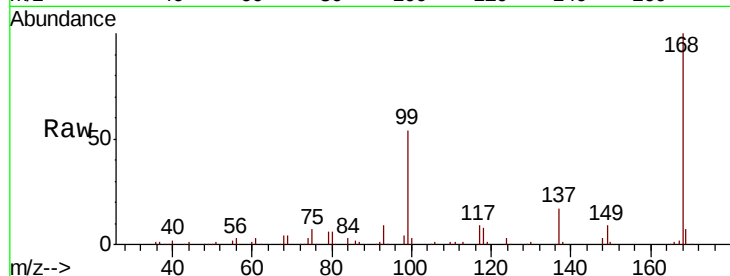




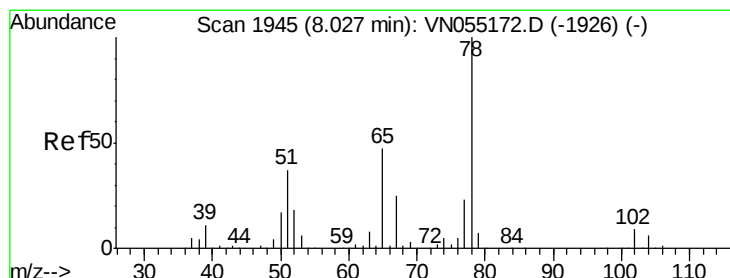
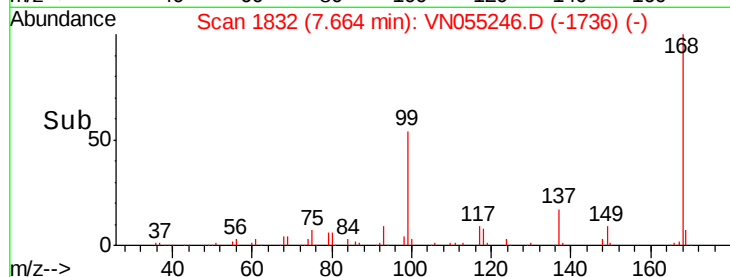
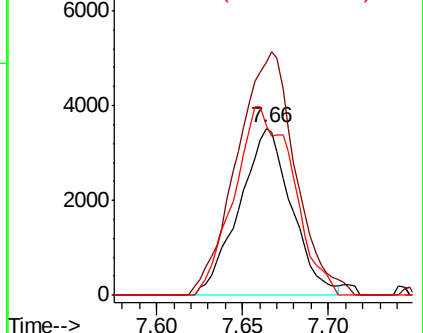
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055246.D
Acq: 25 Apr 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
SP-WOODBURY

Tot Ion: 56 Resp: 7441
Ion Ratio Lower Upper
56 100
69 139.9 24.6 37.0#
84 101.2 61.4 92.2#

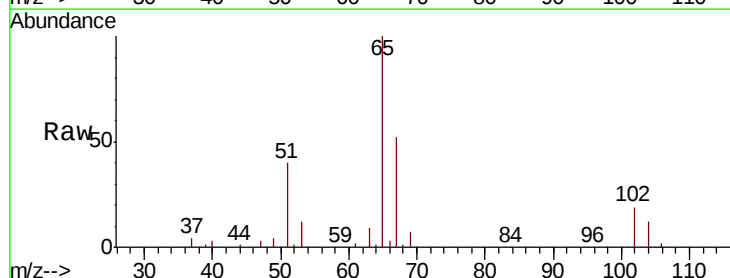


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

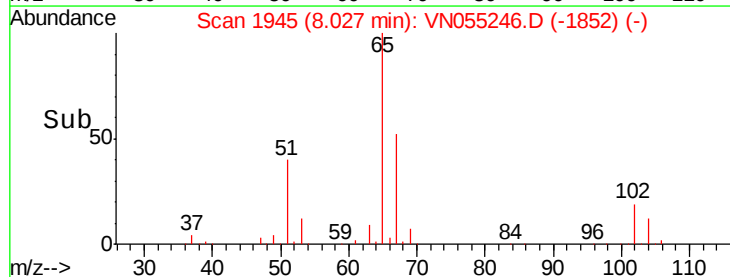
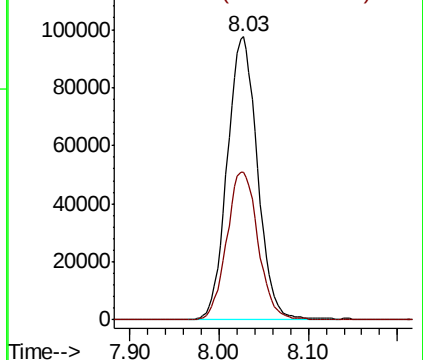


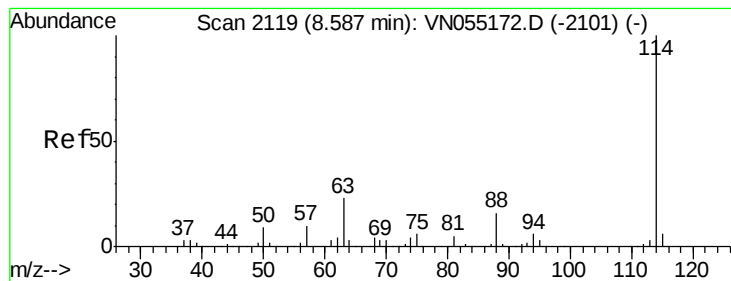
#33
1,2-Dichloroethane-d4
Concen: 50.346 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055246.D
Acq: 25 Apr 2019 15:09

Tgt Ion: 65 Resp: 229486
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055246.D

Acq: 25 Apr 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

SP-WOODBURY

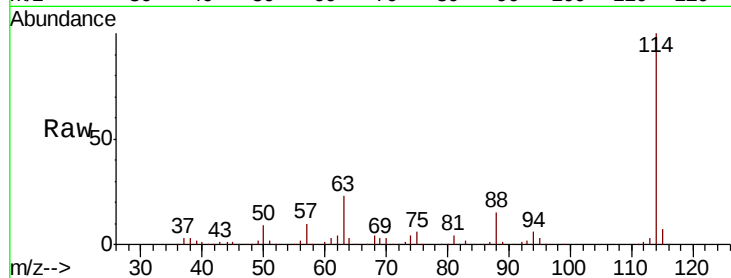
Tot Ion:114 Resp: 561719

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.2

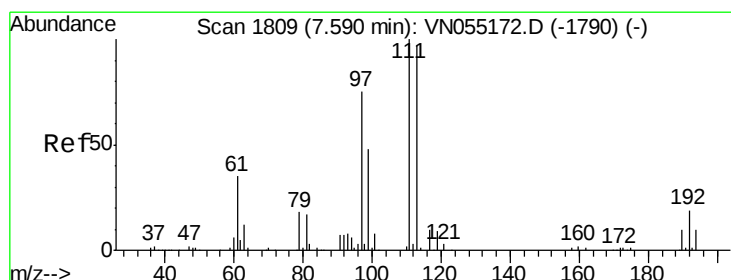
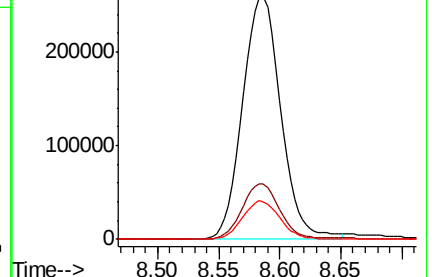
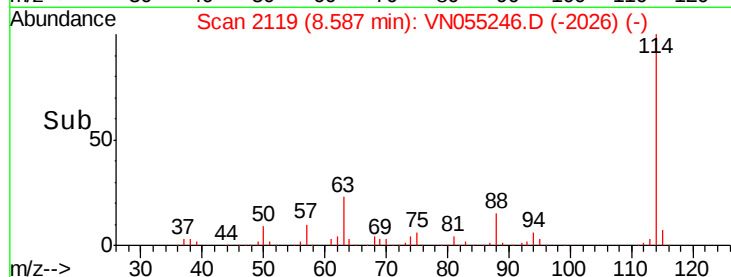
88 15.4 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.072 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055246.D

Acq: 25 Apr 2019 15:09

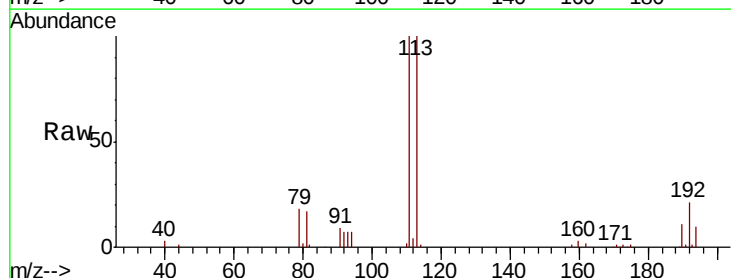
Tgt Ion:113 Resp: 183444

Ion Ratio Lower Upper

113 100

111 101.9 81.0 121.4

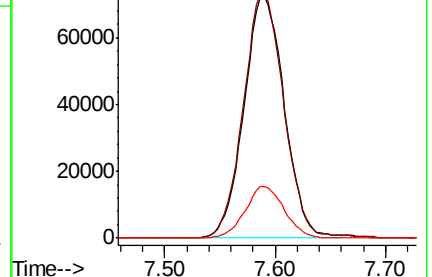
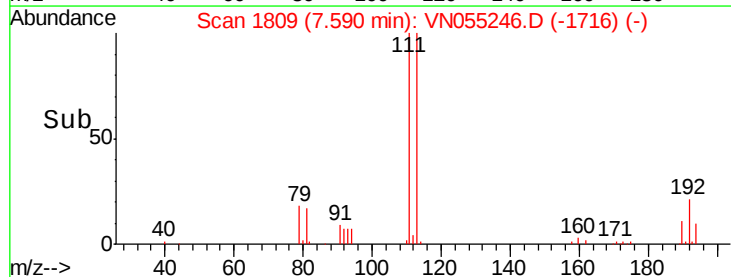
192 20.8 16.2 24.4

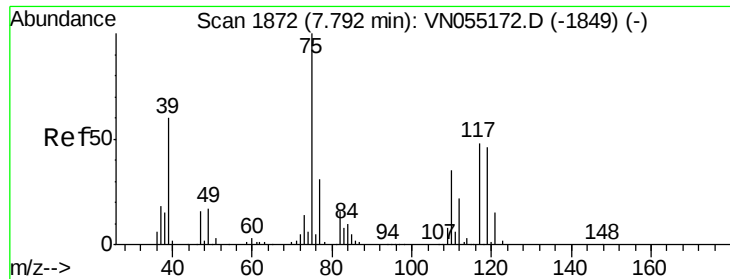


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.770 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055246.D

Acq: 25 Apr 2019 15:09

Instrument :

MSVOA_N

ClientSampled :

SP-WOODBURY

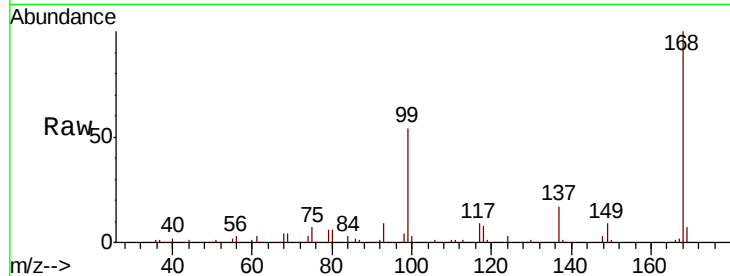
Tot Ion: 75 Resp: 24871

Ion Ratio Lower Upper

75 100

110 8.9 17.1 51.2#

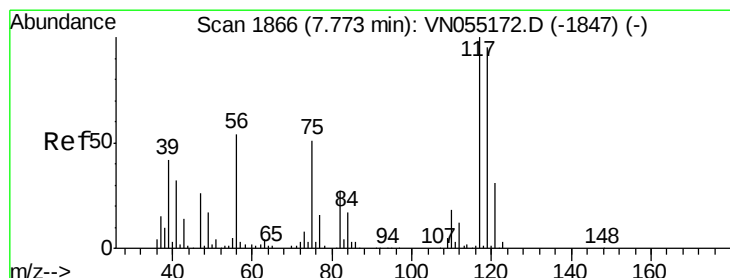
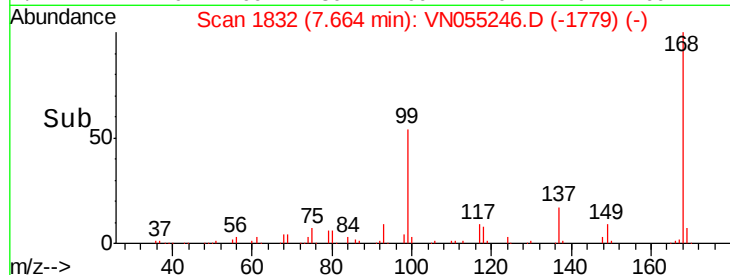
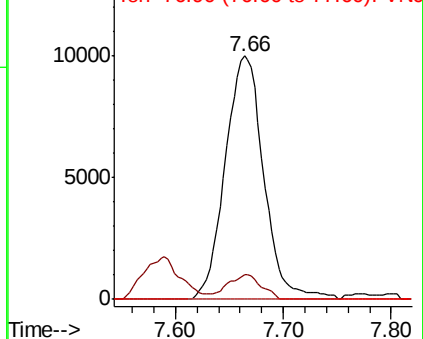
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055172.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN055172.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN055172.D (-1849) (-)



#38

Carbon Tetrachloride

Concen: 6.195 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055246.D

Acq: 25 Apr 2019 15:09

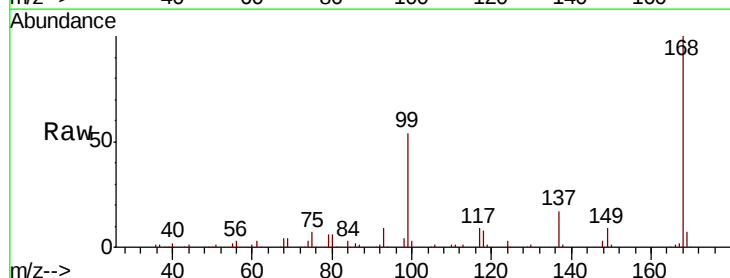
Tgt Ion: 117 Resp: 30243

Ion Ratio Lower Upper

117 100

119 6.3 76.0 114.0#

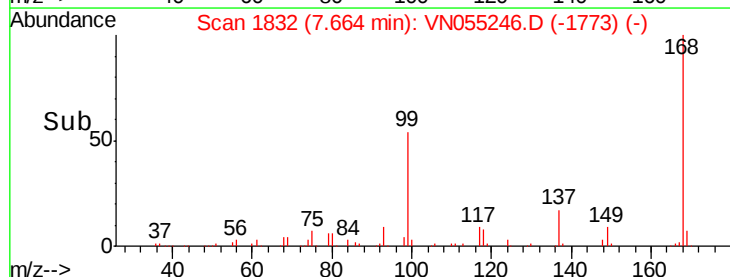
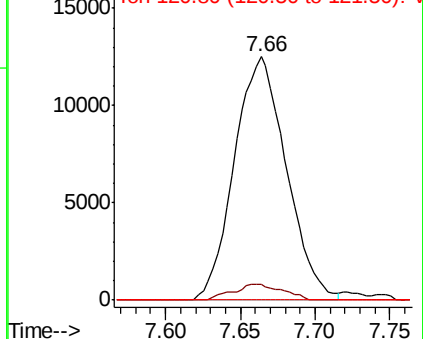
121 0.0 24.6 36.8#

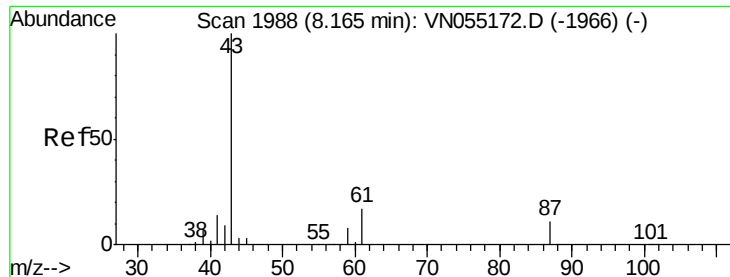


Abundance Ion 116.80 (116.50 to 117.50): VN055172.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN055172.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN055172.D (-1847) (-)





#43

Isopropyl Acetate

Concen: 4.201 ug/l

RT: 8.23 min Scan# 2009

Delta R.T. 0.07 min

Lab File: VN055246.D

Acq: 25 Apr 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

SP-WOODBURY

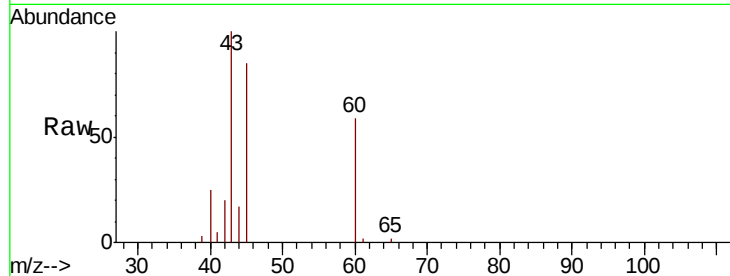
Tot Ion: 43 Resp: 28622

Ion Ratio Lower Upper

43 100

61 0.0 20.6 30.8#

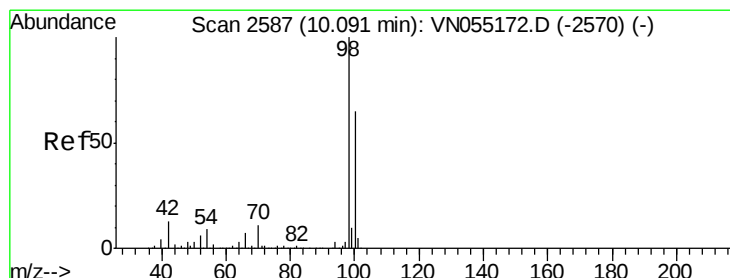
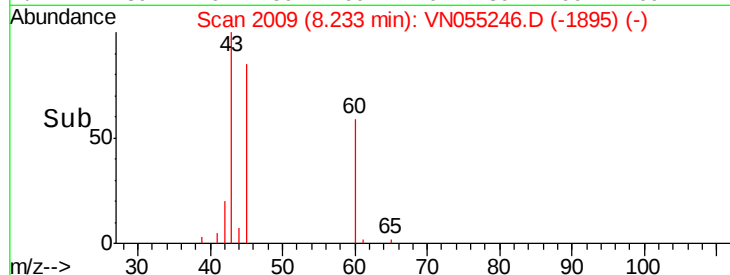
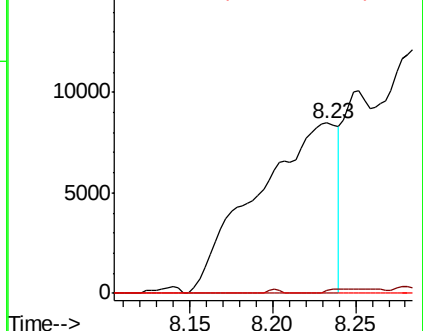
87 0.0 8.8 13.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.934 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055246.D

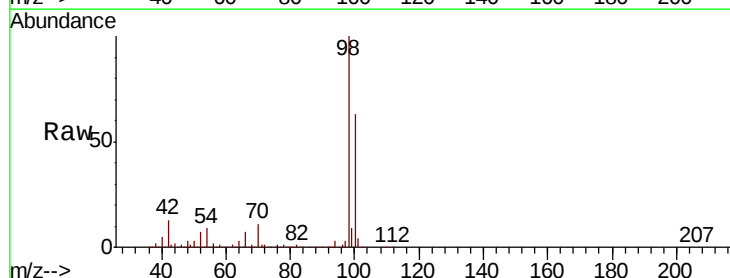
Acq: 25 Apr 2019 15:09

Tgt Ion: 98 Resp: 706017

Ion Ratio Lower Upper

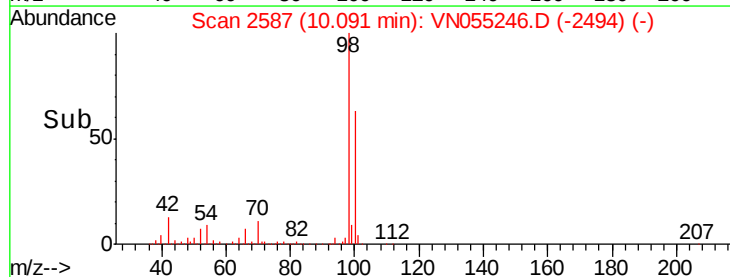
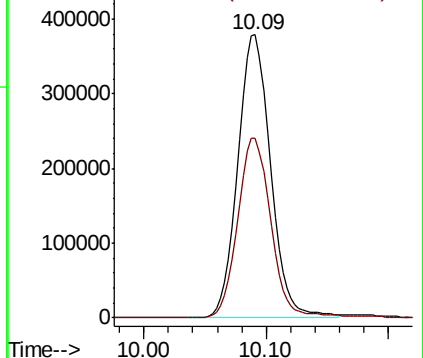
98 100

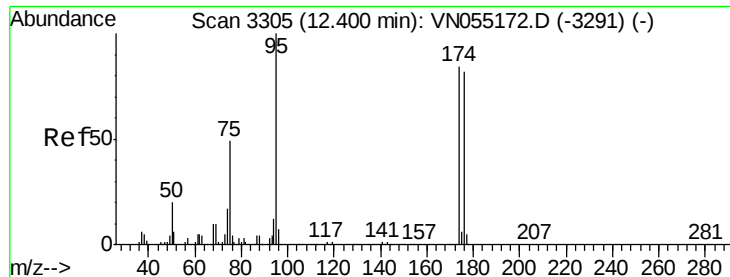
100 64.8 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 54.288 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055246.D

Acq: 25 Apr 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

SP-WOODBURY

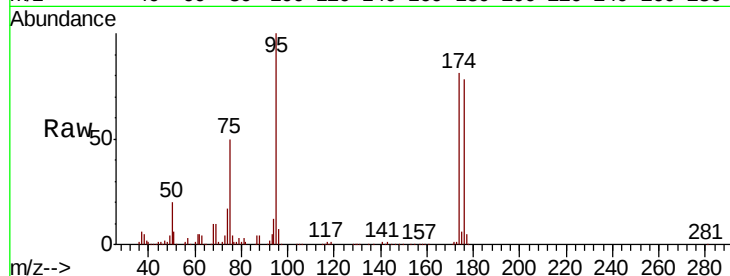
Tot Ion: 95 Resp: 243070

Ion Ratio Lower Upper

95 100

174 83.1 0.0 168.4

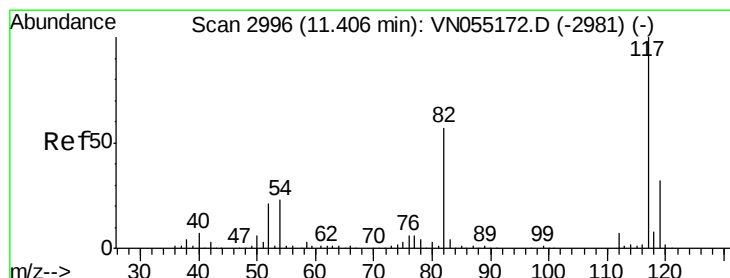
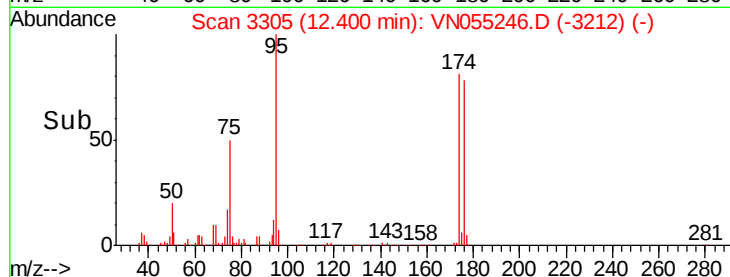
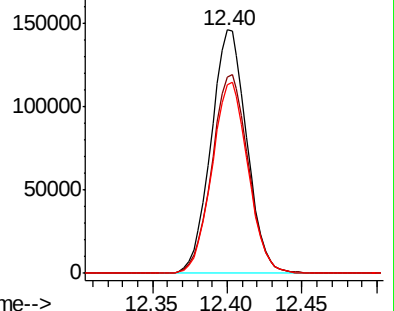
176 79.4 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VN055172.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055172.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055172.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055246.D

Acq: 25 Apr 2019 15:09

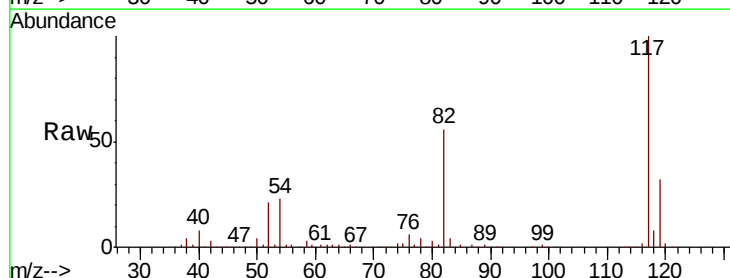
Tgt Ion: 117 Resp: 541863

Ion Ratio Lower Upper

117 100

82 55.5 45.7 68.5

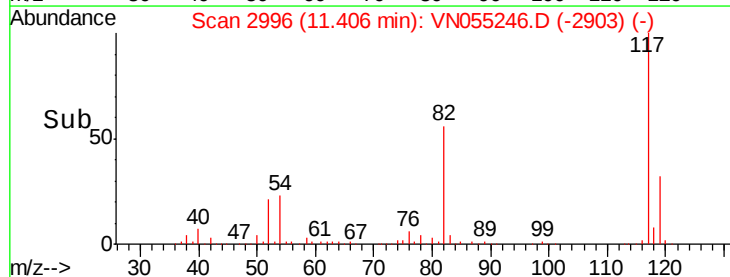
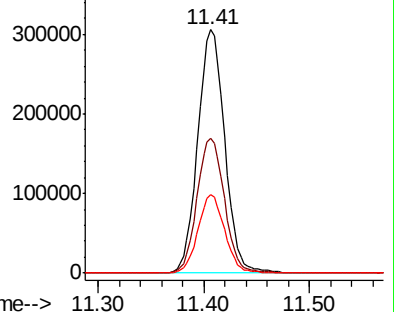
119 32.2 25.4 38.2

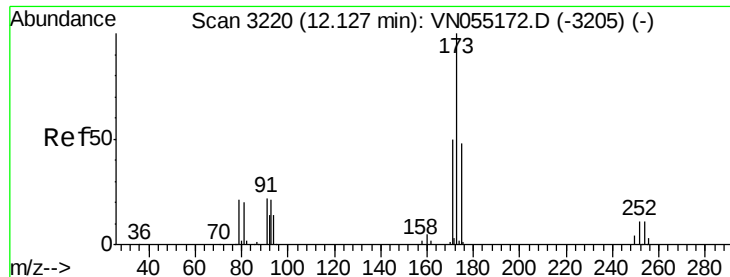


Abundance Ion 116.90 (116.60 to 117.60): VN055172.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055172.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055172.D (-2981) (-)





#71

Bromoform

Concen: 0.980 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055246.D

Acq: 25 Apr 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

SP-WOODBURY

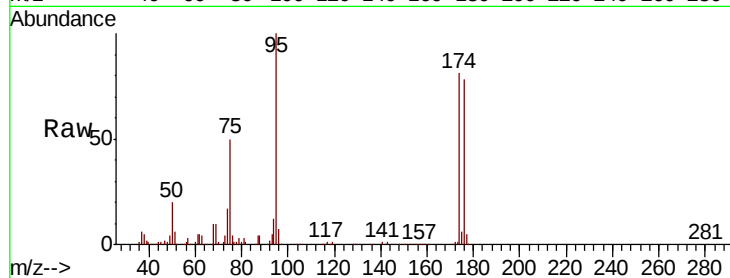
Tot Ion:173 Resp: 2398

Ion Ratio Lower Upper

173 100

175 553.5 23.8 71.2#

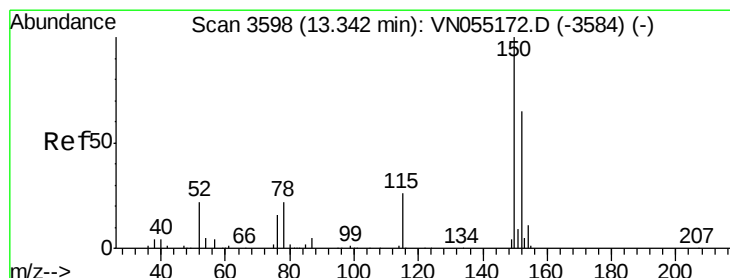
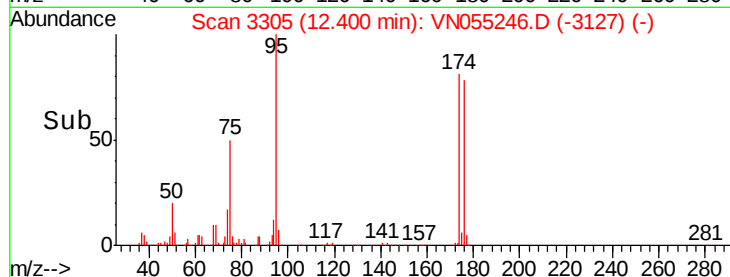
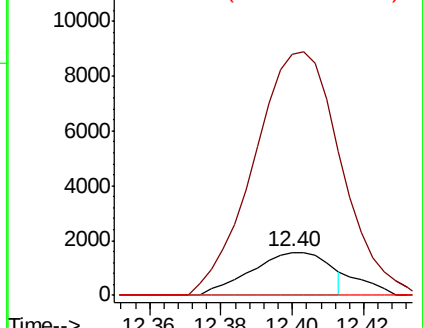
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055246.D

Acq: 25 Apr 2019 15:09

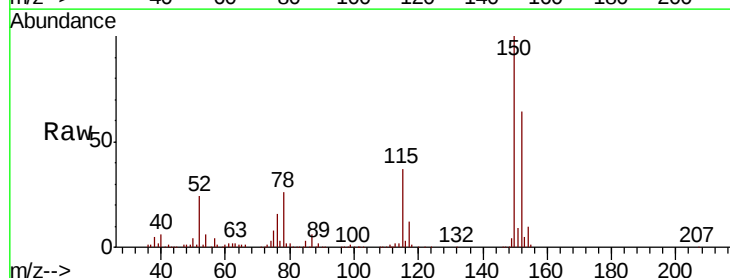
Tgt Ion:152 Resp: 201626

Ion Ratio Lower Upper

152 100

115 56.7 28.9 86.7

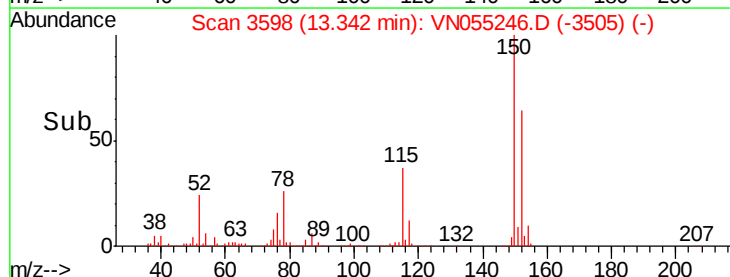
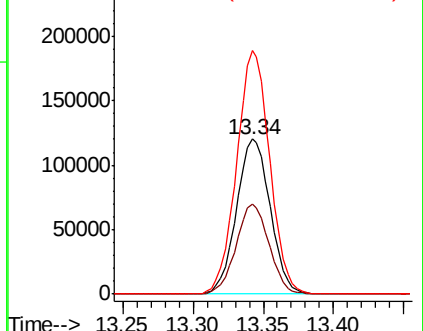
150 154.3 0.0 346.6

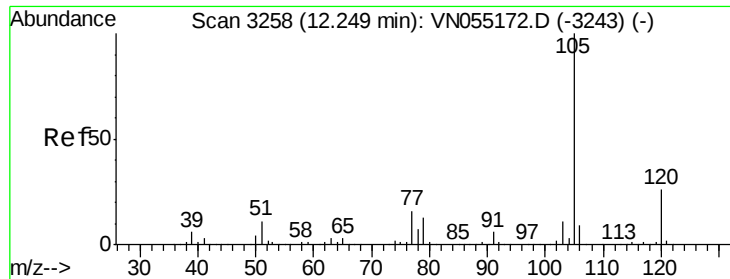


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055246.D

Acq: 25 Apr 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

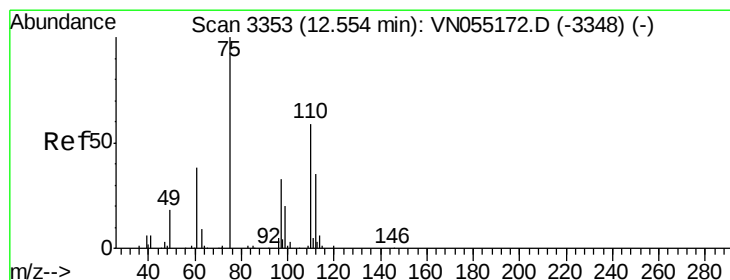
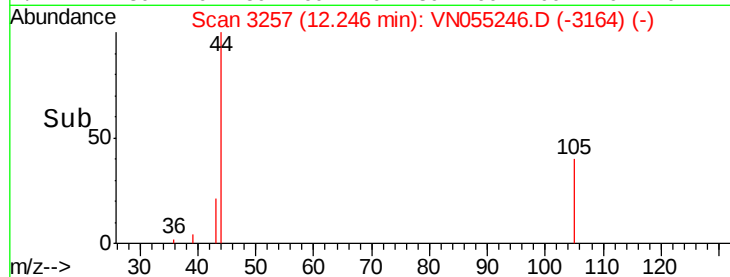
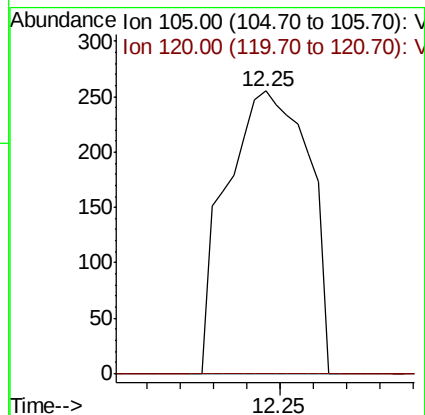
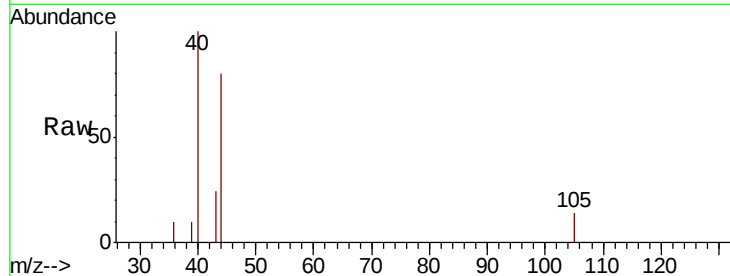
SP-WOODBURY

Tot Ion: 105.00 Resp: 440

Ion Ratio Lower Upper

105 100

120 0.0 13.1 39.1#



#76

1,2,3-Trichloropropane

Concen: 30.061 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055246.D

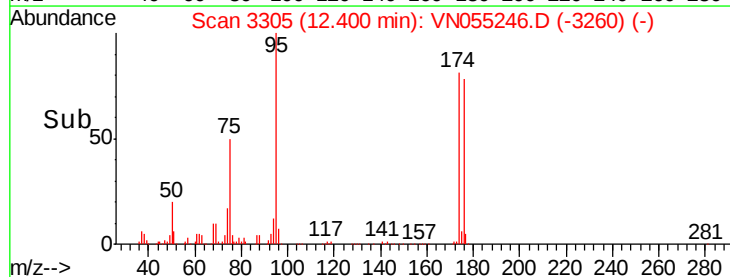
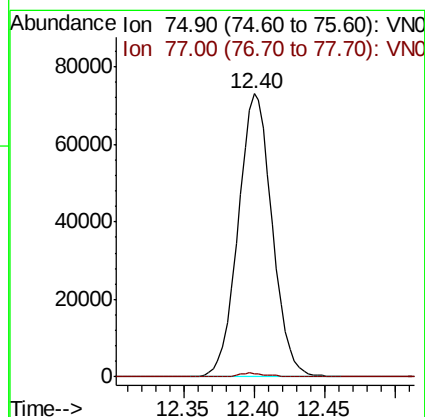
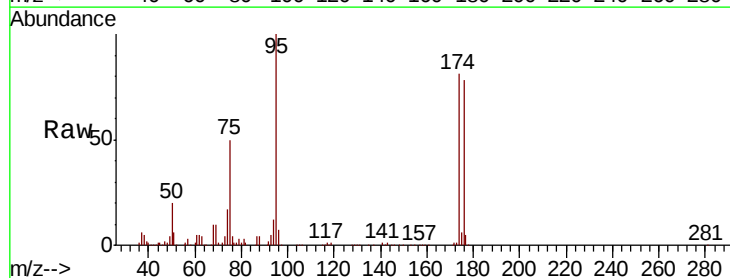
Acq: 25 Apr 2019 15:09

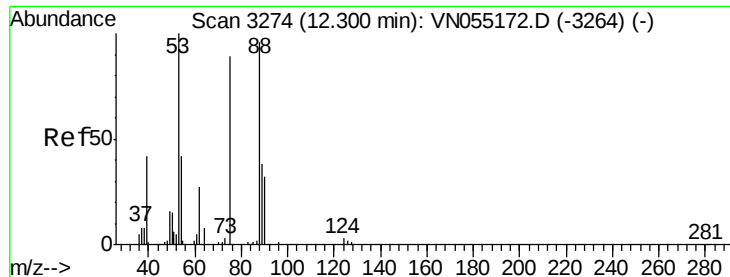
Tgt Ion: 75 Resp: 122961

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 113.954 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055246.D

Acq: 25 Apr 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

SP-WOODBURY

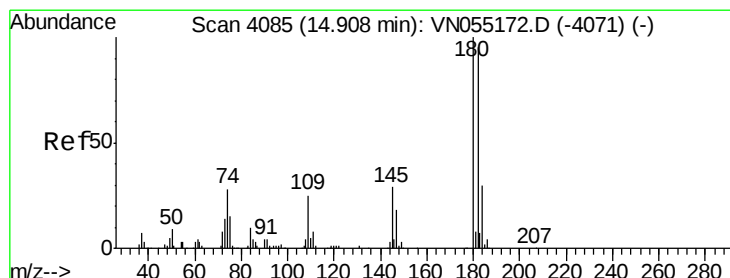
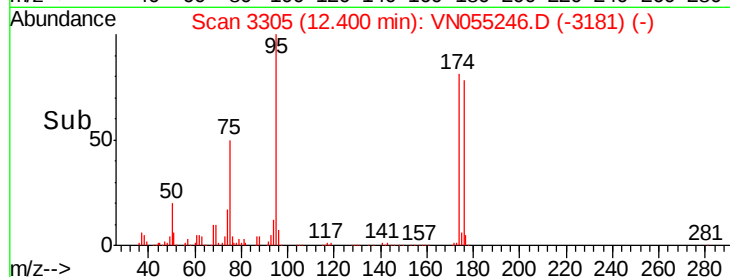
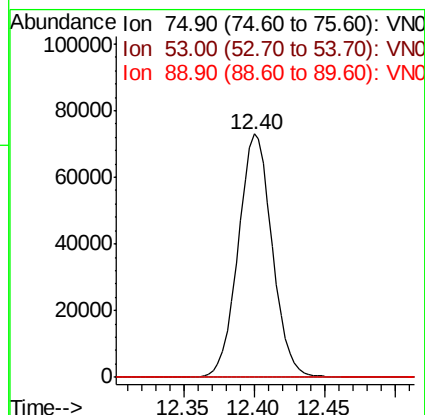
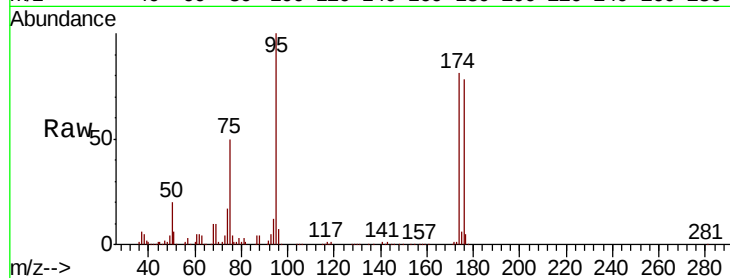
Tot Ion: 75 Resp: 122961

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 36.7 55.1#



#93

1,2,4-Trichlorobenzene

Concen: 2.747 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055246.D

Acq: 25 Apr 2019 15:09

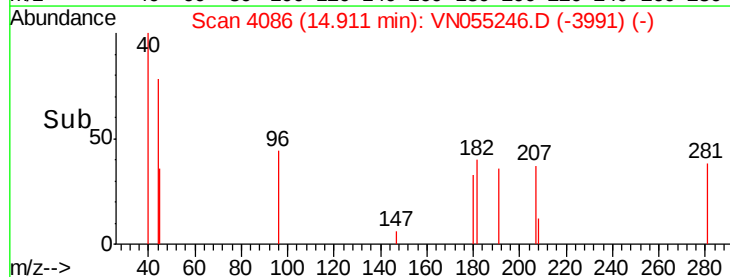
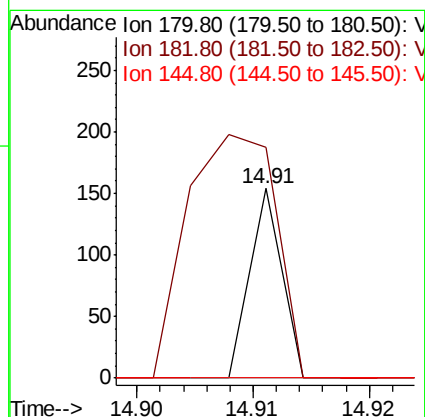
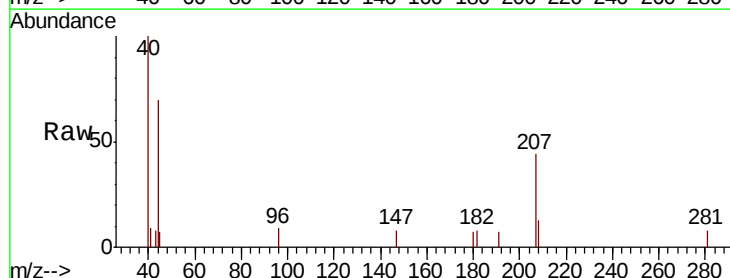
Tgt Ion: 180 Resp: 30

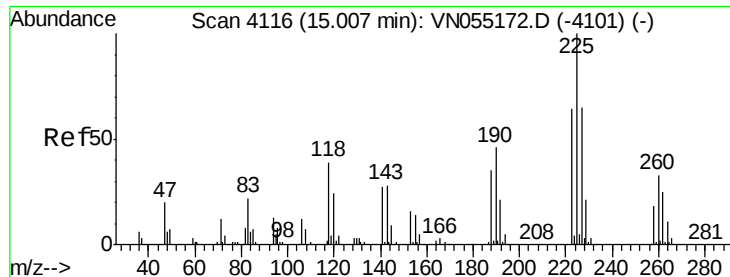
Ion Ratio Lower Upper

180 100

182 350.0 47.8 143.4#

145 0.0 14.5 43.5#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN055246.D

Acq: 25 Apr 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

SP-WOODBURY

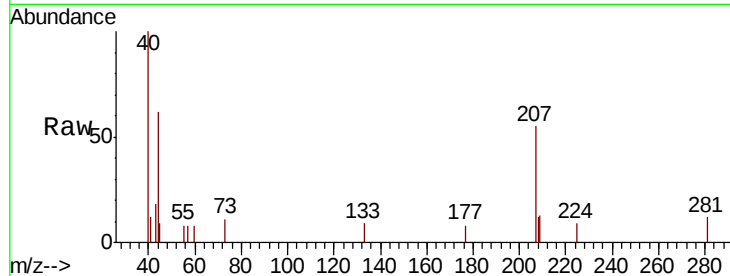
Tot Ion:225 Resp: 68

Ion Ratio Lower Upper

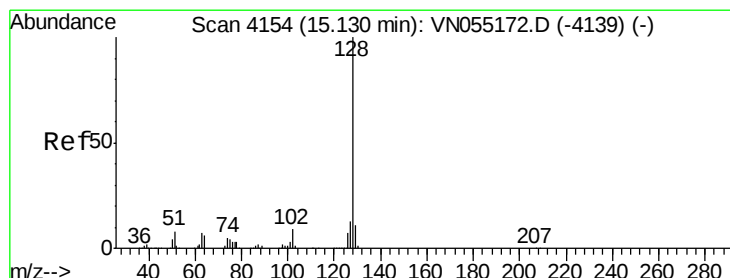
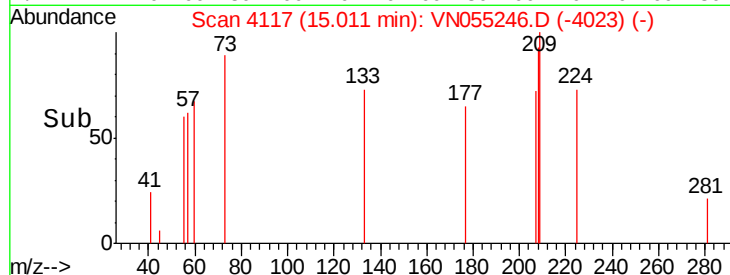
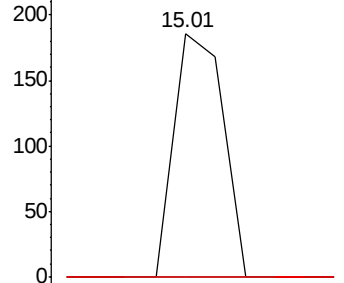
225 100

223 0.0 32.2 96.6#

227 0.0 32.6 98.0#



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.633 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN055246.D

Acq: 25 Apr 2019 15:09

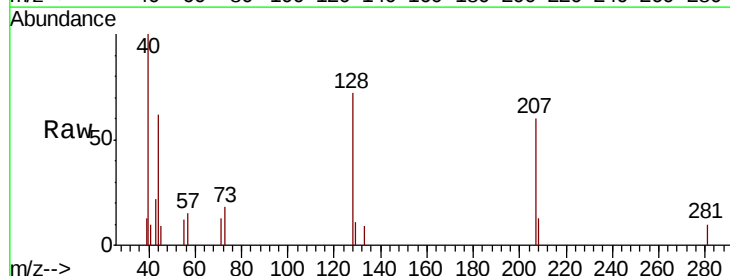
Tgt Ion:128 Resp: 1689

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 20.1 8.8 13.2#



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

