

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054407.D
 Acq On : 18 Mar 2019 22:11
 Operator : JC/SP
 Sample : VN0318WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBL02

Quant Time: Mar 19 05:16:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1797930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2589226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2146882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	781993	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	867809	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	
35) Dibromofluoromethane	7.59	113	785556	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
50) Toluene-d8	10.09	98	2983700	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	12.40	95	876236	40.60	ug/l	0.00
Spiked Amount			Recovery	=	81.20%	

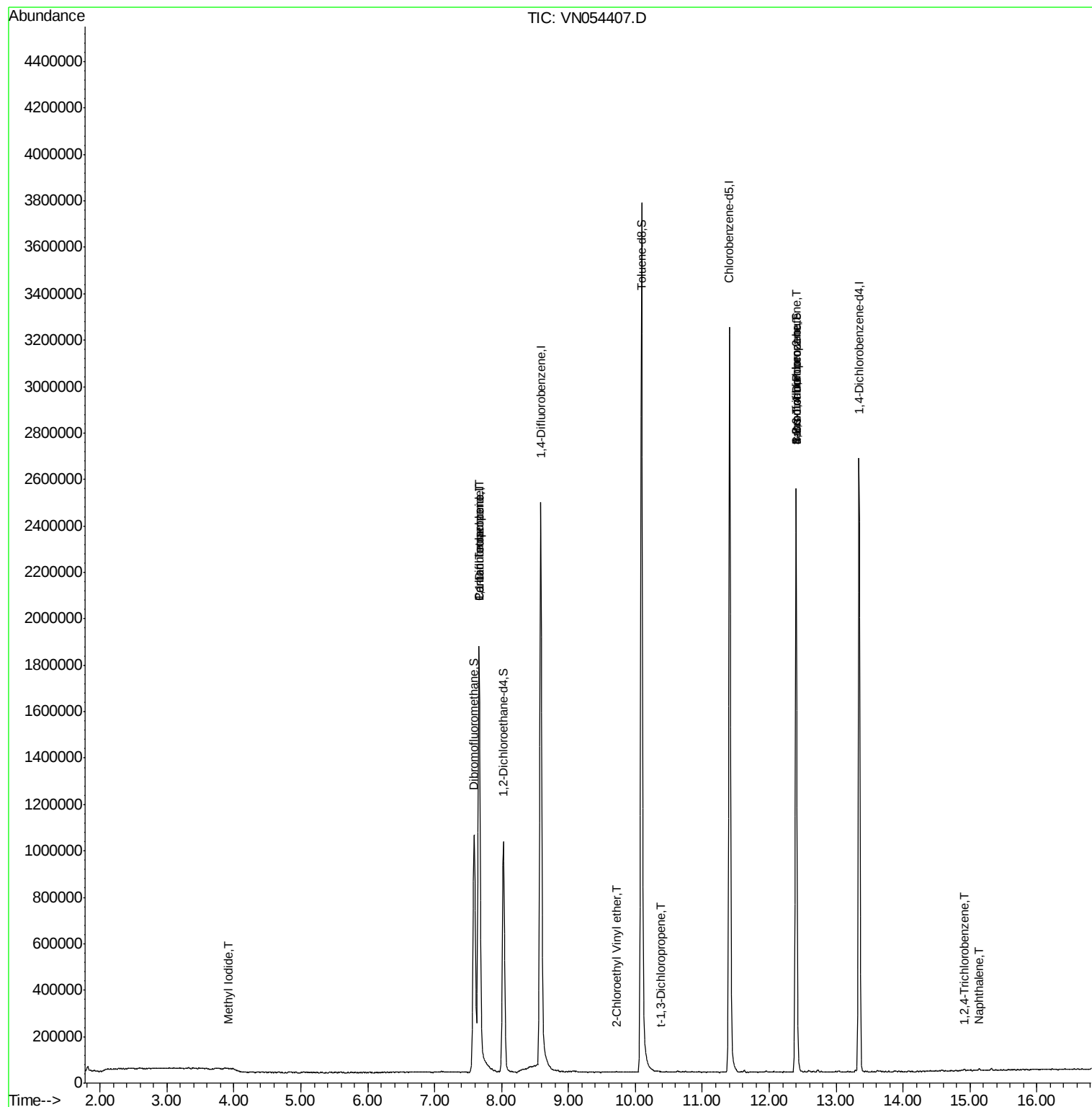
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.93	142	421	1.512	ug/l #	76
31) Cyclohexane	7.67	56	27221	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	105687	4.432	ug/l #	48
38) Carbon Tetrachloride	7.66	117	145072	5.802	ug/l #	16
53) t-1,3-Dichloropropene	10.38	75	404	2.001	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.72	63	29	16.831	ug/l #	44
71) Bromoform	12.40	173	5883	2.780	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	419944	36.518	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	419944	124.836	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	2297	2.649	ug/l	85
95) Naphthalene	15.13	128	7281	3.667	ug/l	100

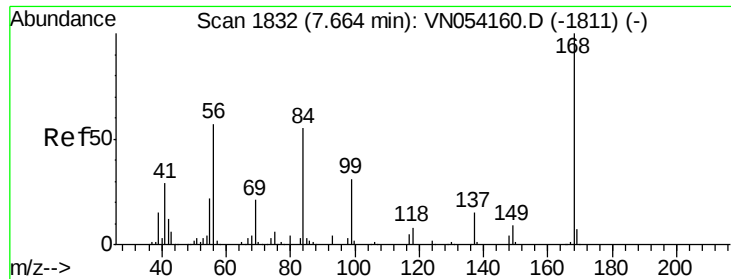
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031819\
Data File : VN054407.D
Acq On : 18 Mar 2019 22:11
Operator : JC/SP
Sample : VN0318WBL02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBL02

Quant Time: Mar 19 05:16:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054407.D

Acq: 18 Mar 2019 22:11

Instrument :

MSVOA_N

ClientSampleId :

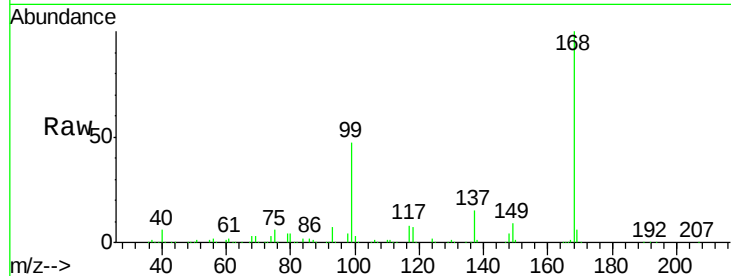
VN0318WBL02

Tot Ion:168 Resp: 1797930

Ion Ratio Lower Upper

168 100

99 47.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

800000

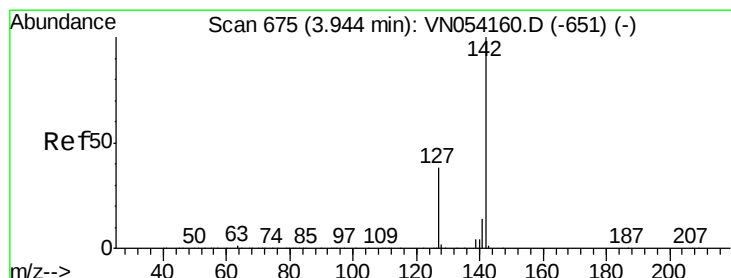
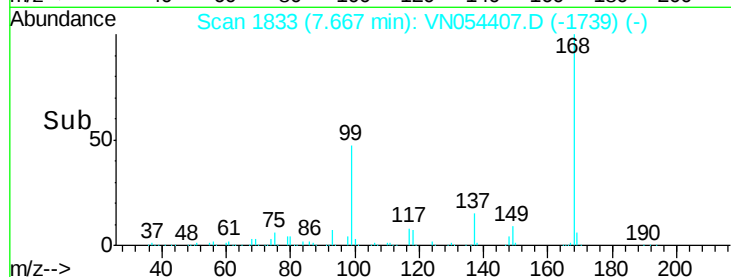
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#10

Methyl Iodide

Concen: 1.512 ug/l

RT: 3.93 min Scan# 672

Delta R.T. -0.01 min

Lab File: VN054407.D

Acq: 18 Mar 2019 22:11

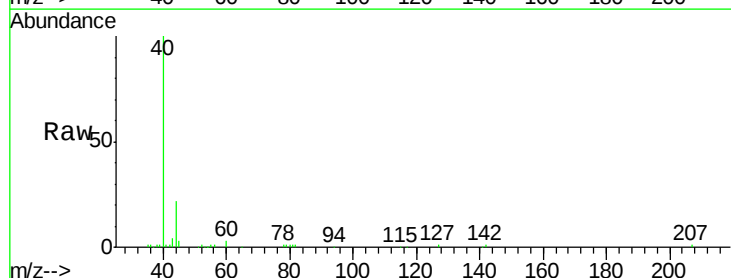
Tgt Ion:142 Resp: 421

Ion Ratio Lower Upper

142 100

127 56.8 30.3 45.5#

141 15.2 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

600

500

400

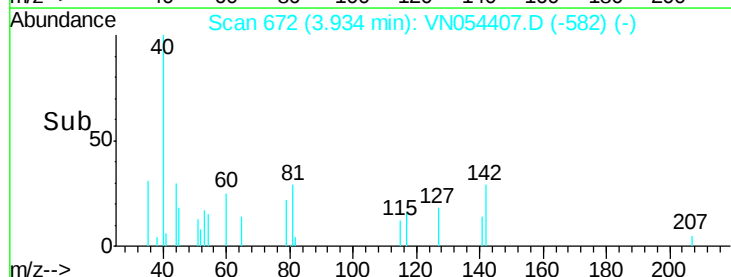
300

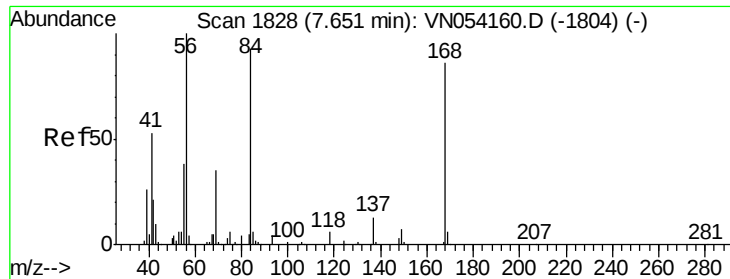
200

100

0

Time--> 3.91 3.92 3.93 3.94 3.95

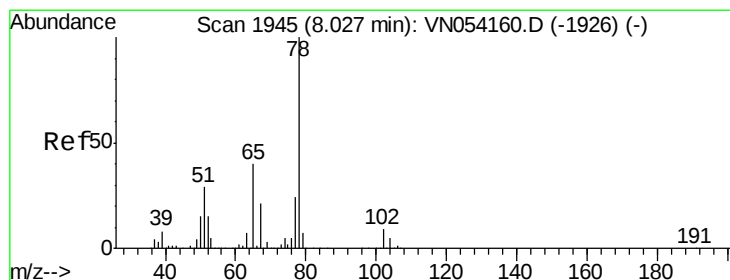
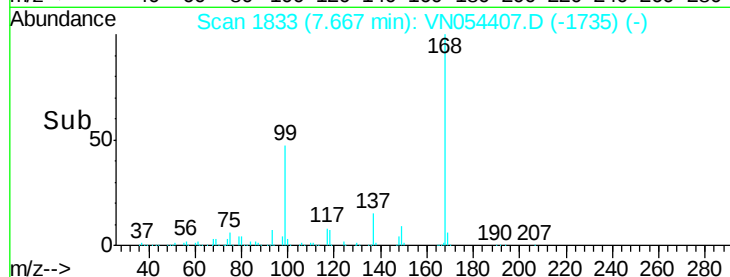
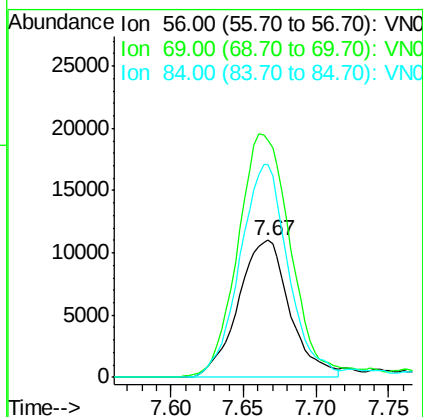
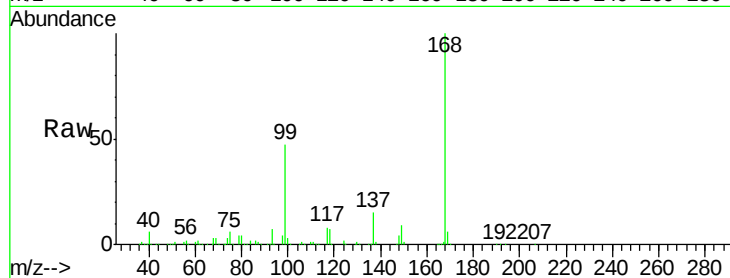




#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054407.D
Acq: 18 Mar 2019 22:11

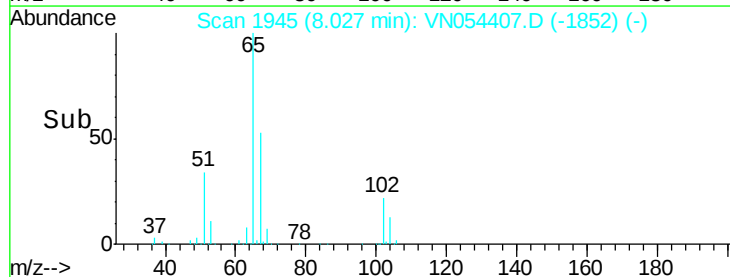
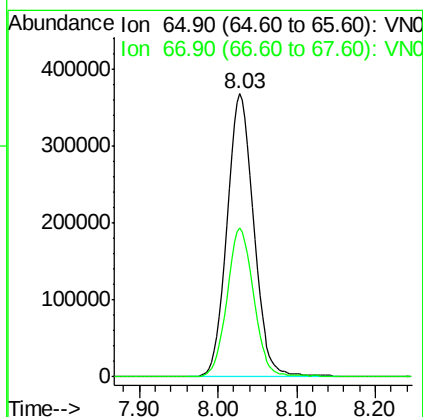
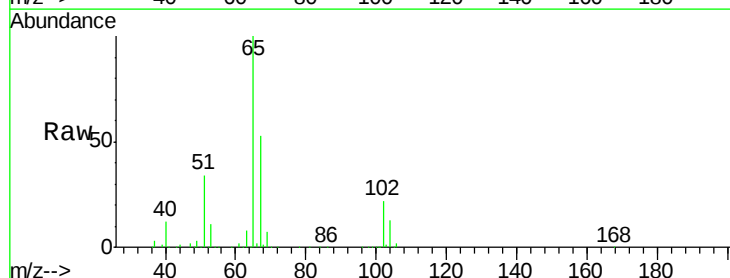
Instrument :
MSVOA_N
ClientSampled :
VN0318WBL02

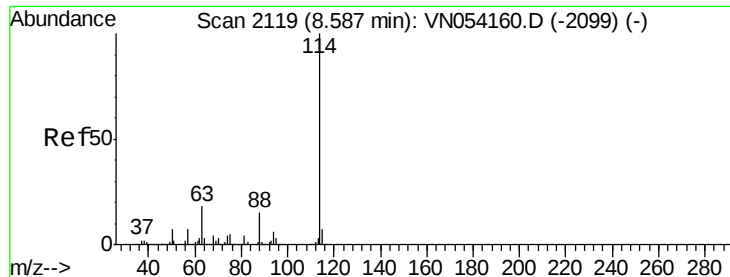
Tot Ion: 56 Resp: 27221
Ion Ratio Lower Upper
56 100
69 171.8 27.8 41.6#
84 155.6 74.6 111.8#



#33
1,2-Dichloroethane-d4
Concen: 45.449 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054407.D
Acq: 18 Mar 2019 22:11

Tgt Ion: 65 Resp: 867809
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054407.D

Acq: 18 Mar 2019 22:11

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBL02

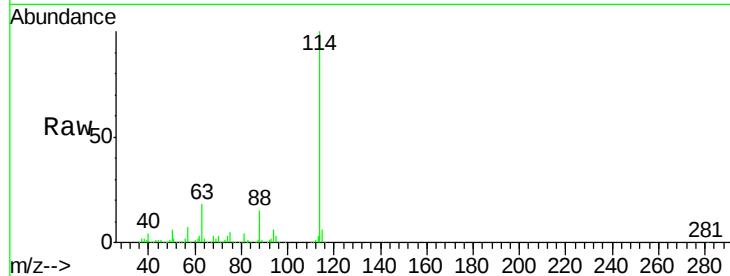
Tot Ion:114 Resp: 2589226

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.2

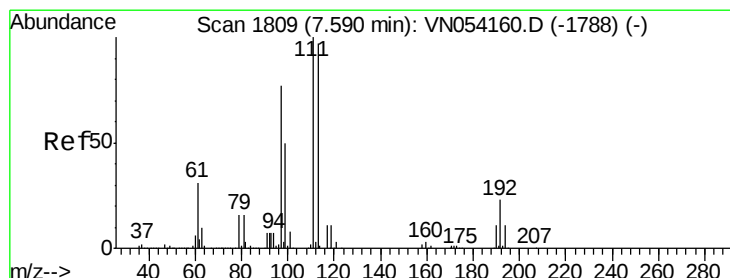
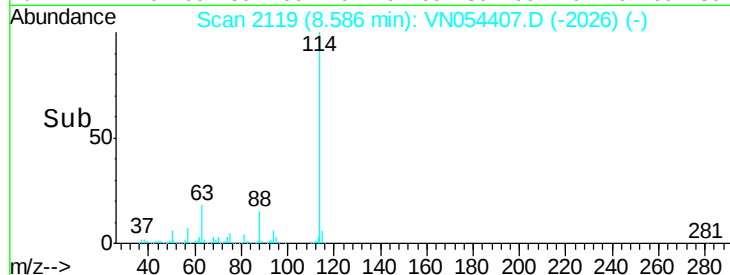
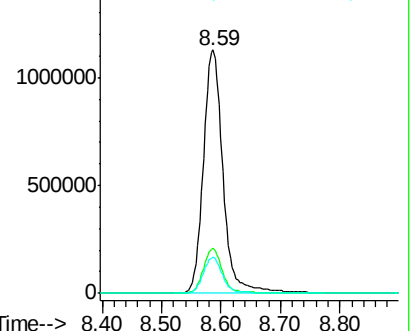
88 14.8 0.0 30.2



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: 47.041 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054407.D

Acq: 18 Mar 2019 22:11

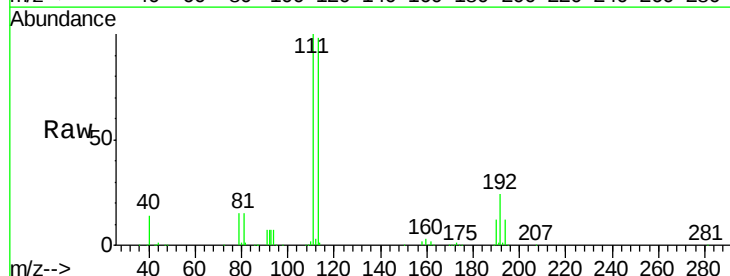
Tgt Ion:113 Resp: 785556

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

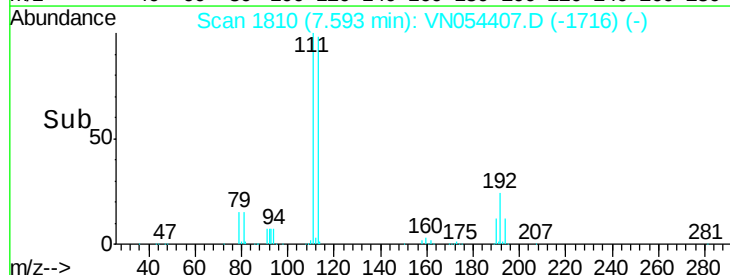
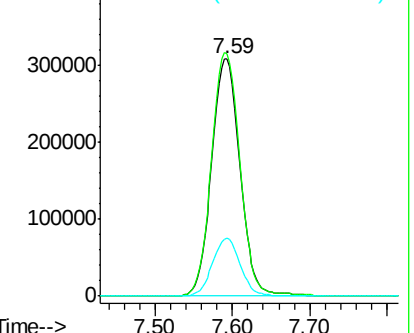
192 23.9 19.2 28.8

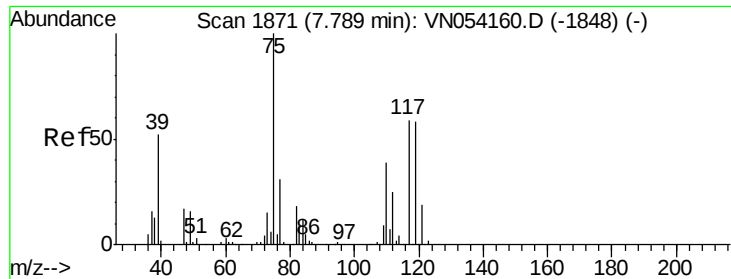


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

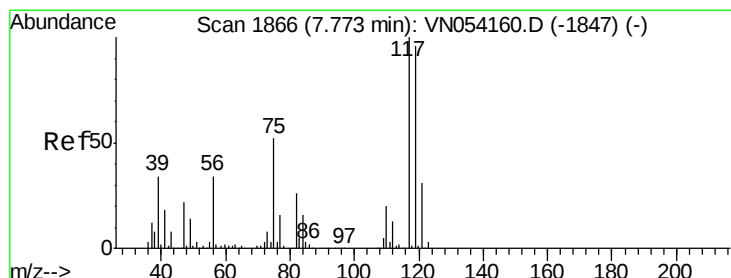
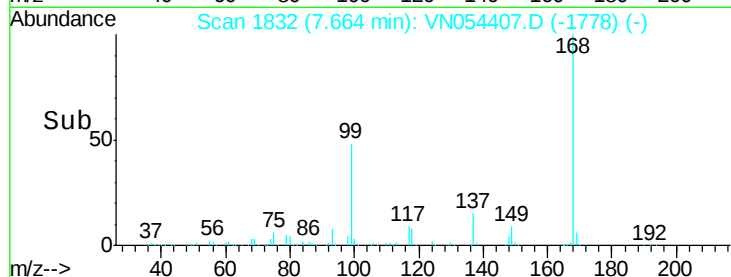
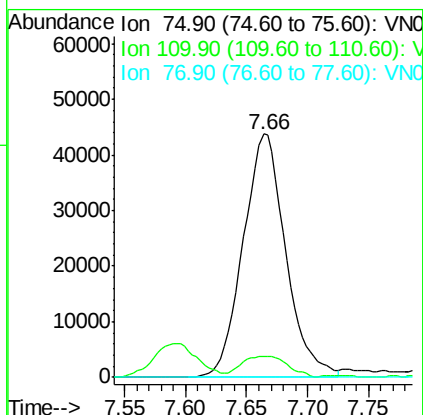
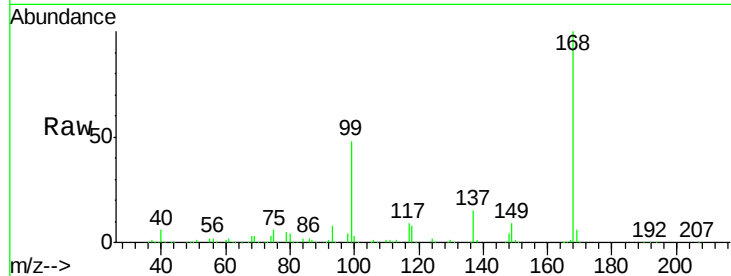




#36
 1,1-Dichloropropene
 Concen: 4.432 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054407.D
 Acq: 18 Mar 2019 22:11

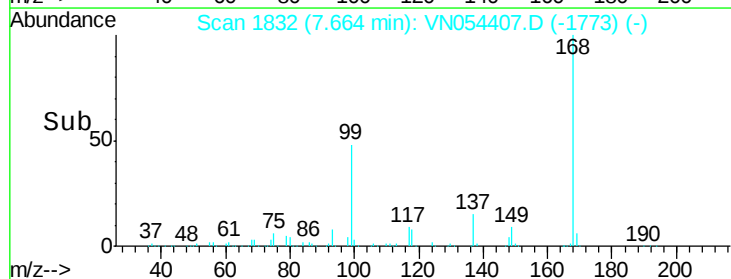
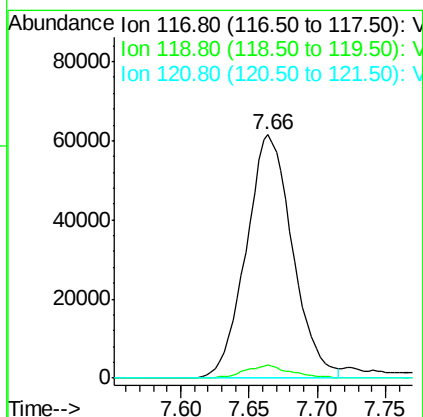
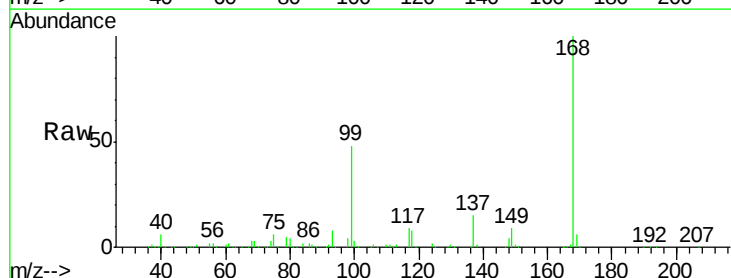
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBL02

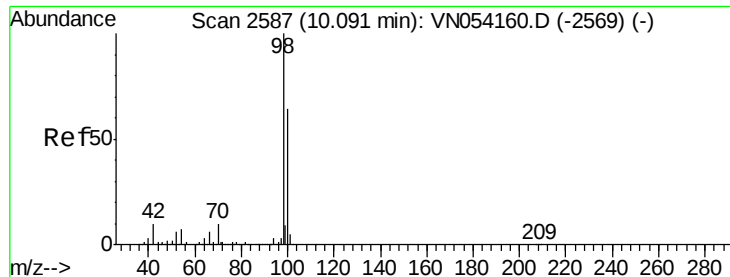
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.802 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054407.D
 Acq: 18 Mar 2019 22:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.3	114.5#
121	0.0	24.6	36.8#





#50

Toluene-d8

Concen: 48.379 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054407.D

Acq: 18 Mar 2019 22:11

Instrument :

MSVOA_N

ClientSampleId :

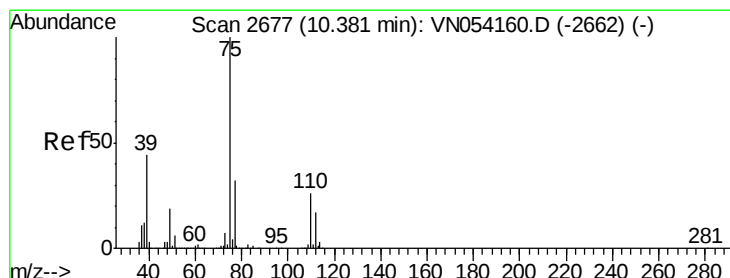
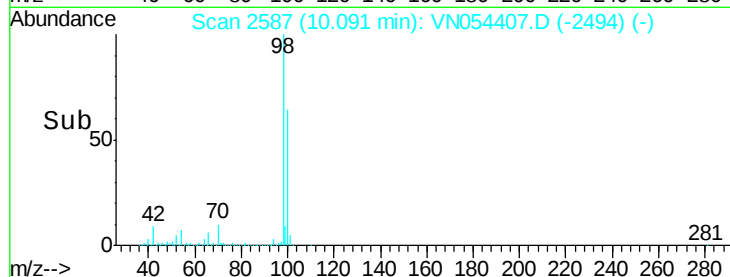
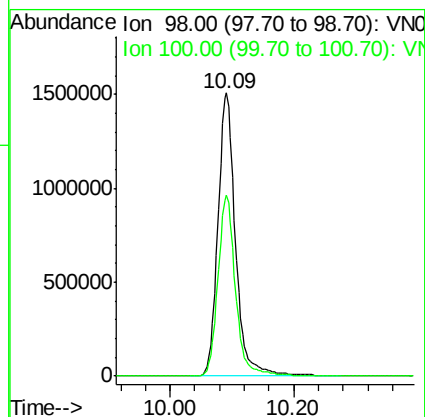
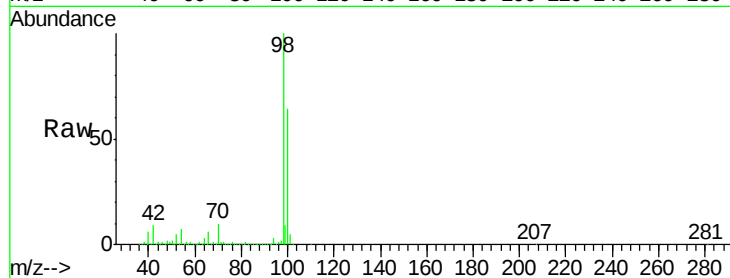
VN0318WBL02

Tot Ion: 98 Resp: 2983700

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



#53

t-1,3-Dichloropropene

Concen: 2.001 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054407.D

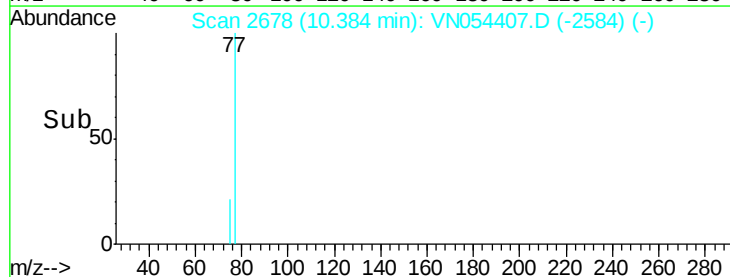
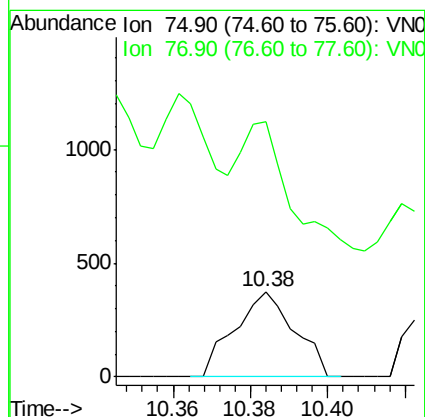
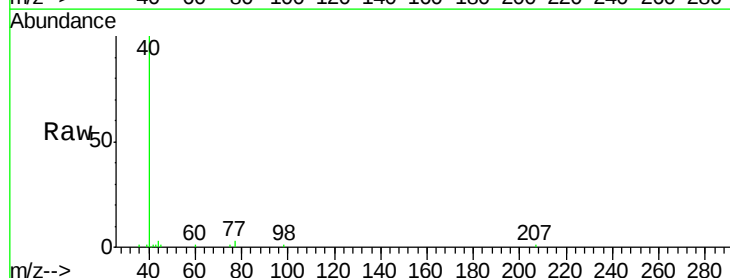
Acq: 18 Mar 2019 22:11

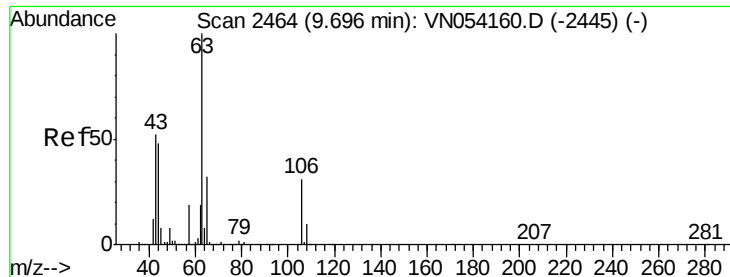
Tgt Ion: 75 Resp: 404

Ion Ratio Lower Upper

75 100

77 138.0 25.8 38.8#





#58

2-Chloroethyl Vinyl ether

Concen: 16.831 ug/l

RT: 9.72 min Scan# 2470

Delta R.T. 0.02 min

Lab File: VN054407.D

Acq: 18 Mar 2019 22:11

Instrument :

MSVOA_N

ClientSampleId :

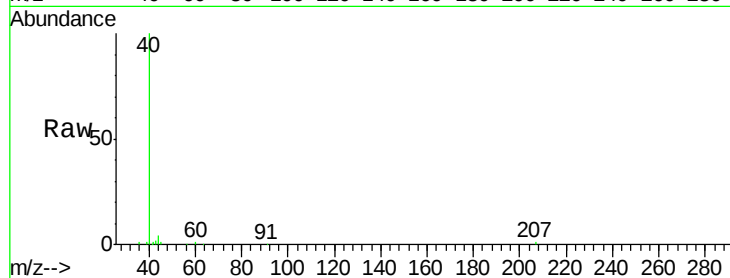
VN0318WBL02

Tot Ion: 63 Resp: 29

Ion Ratio Lower Upper

63 100

106 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.72

150

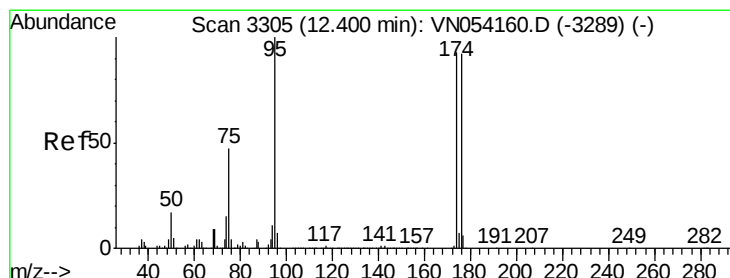
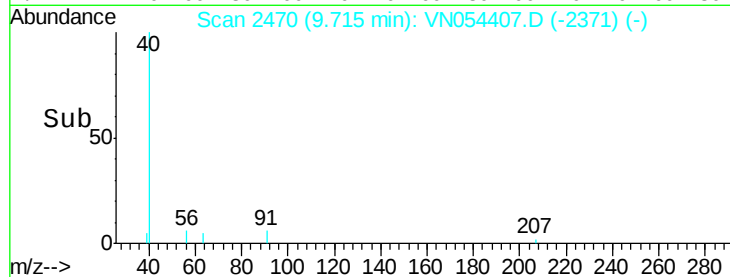
100

50

0

9.71 9.71 9.71 9.72 9.72

Time-->



#62

4-Bromofluorobenzene

Concen: 40.605 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054407.D

Acq: 18 Mar 2019 22:11

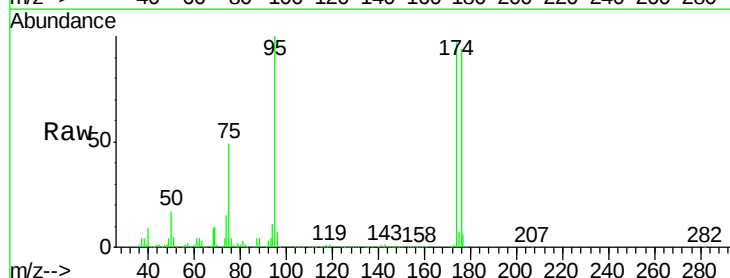
Tgt Ion: 95 Resp: 876236

Ion Ratio Lower Upper

95 100

174 97.5 0.0 191.0

176 95.0 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

600000

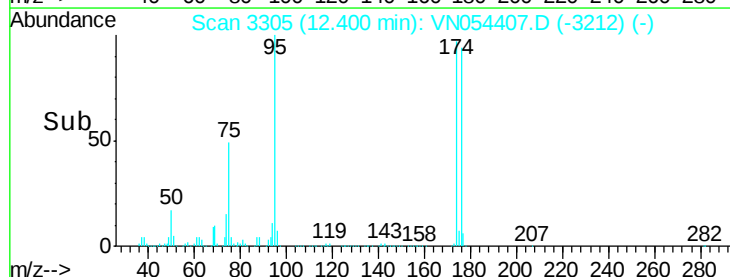
400000

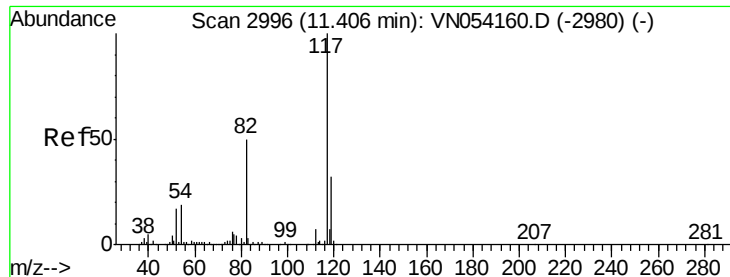
200000

0

12.30 12.40 12.50

Time-->

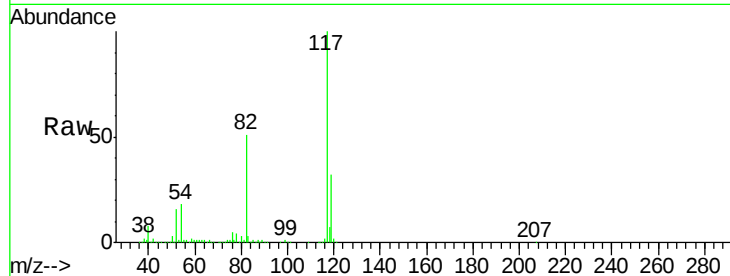




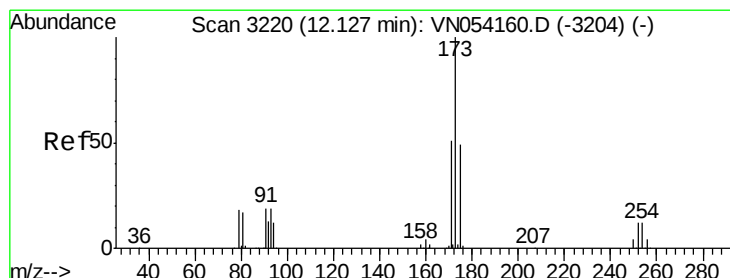
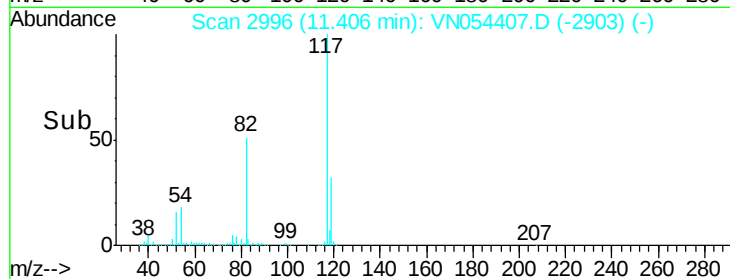
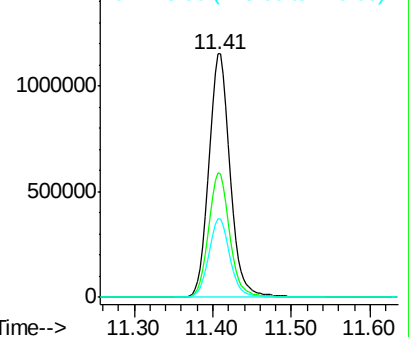
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054407.D
Acq: 18 Mar 2019 22:11

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBL02

Tot Ion:117 Resp: 2146882
Ion Ratio Lower Upper
117 100
82 51.4 40.0 60.0
119 32.3 25.8 38.6

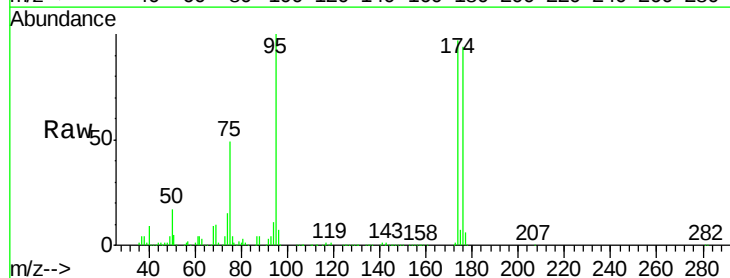


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

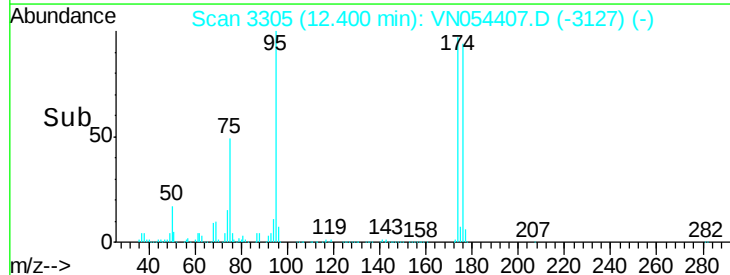
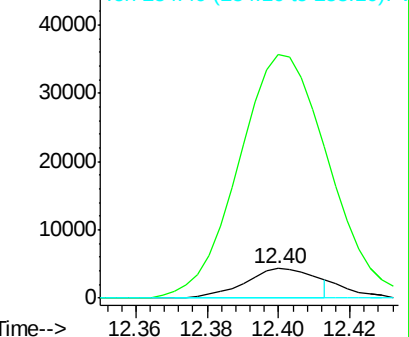


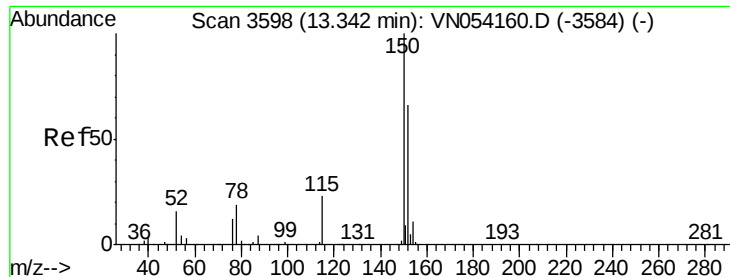
#71
Bromoform
Concen: 2.780 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054407.D
Acq: 18 Mar 2019 22:11

Tgt Ion:173 Resp: 5883
Ion Ratio Lower Upper
173 100
175 909.9 24.4 73.2#
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: VN054407.D

Acq: 18 Mar 2019 22:11

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBL02

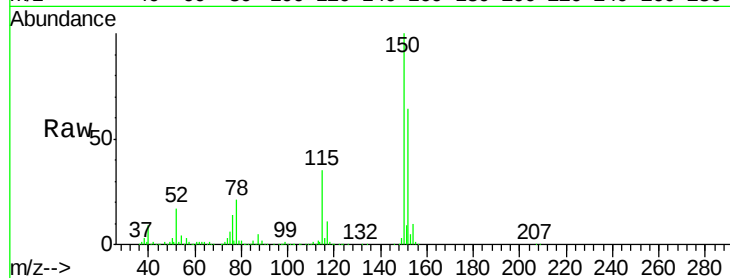
Tot Ion:152 Resp: 781993

Ion Ratio Lower Upper

152 100

115 54.3 27.2 81.6

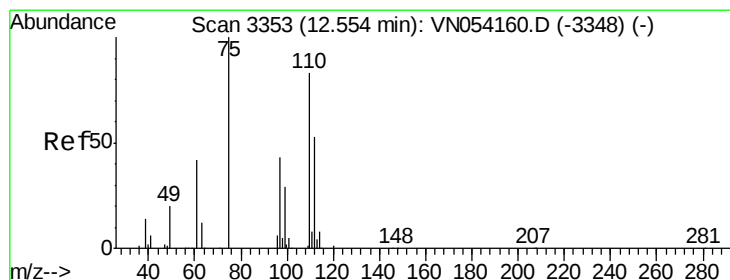
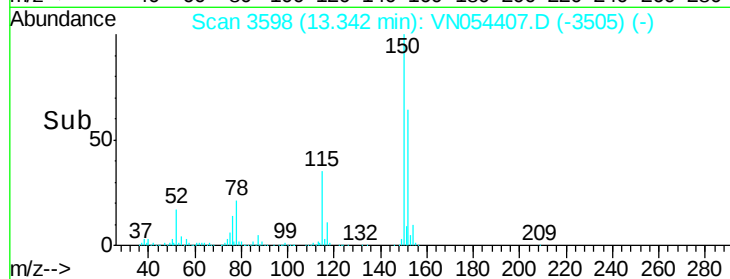
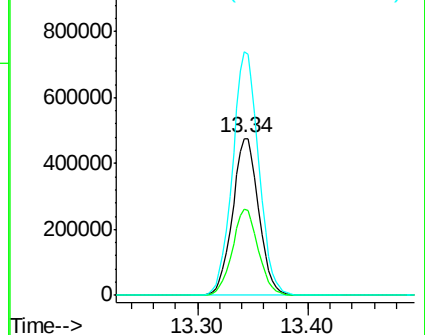
150 155.6 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 36.518 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054407.D

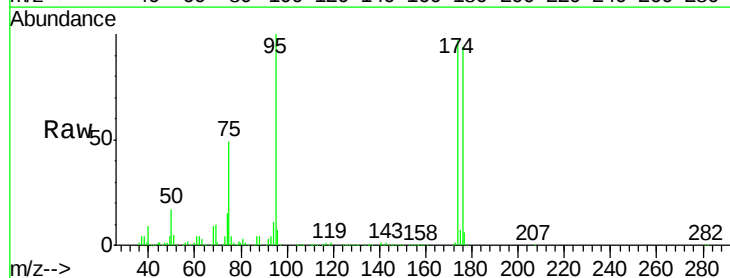
Acq: 18 Mar 2019 22:11

Tgt Ion: 75 Resp: 419944

Ion Ratio Lower Upper

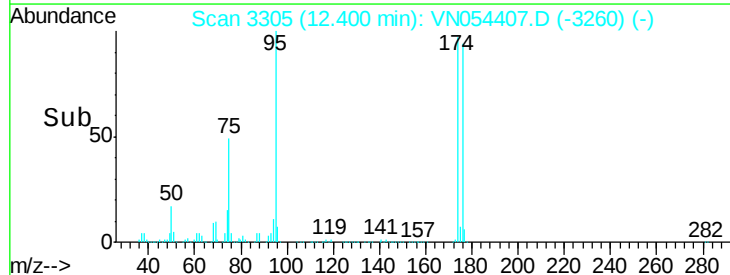
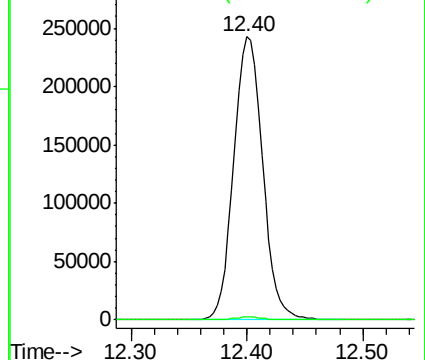
75 100

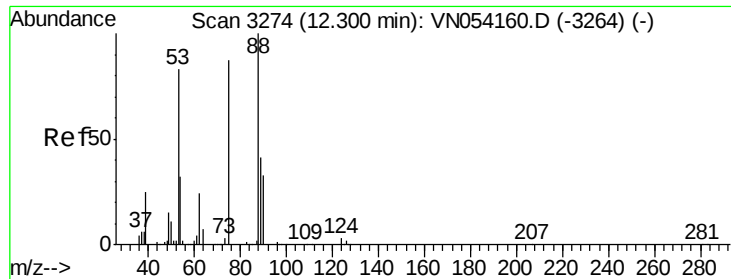
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

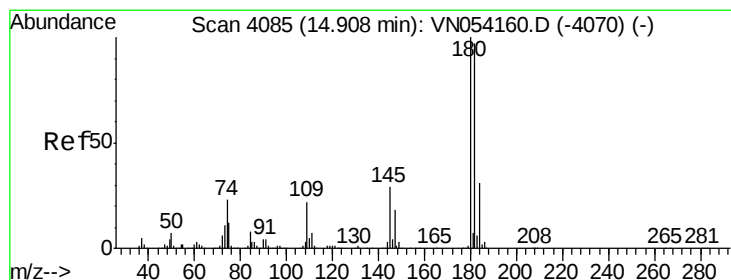
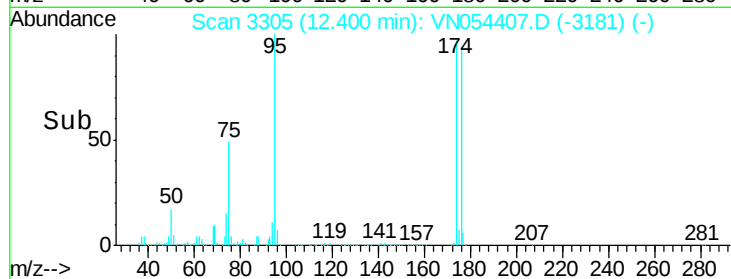
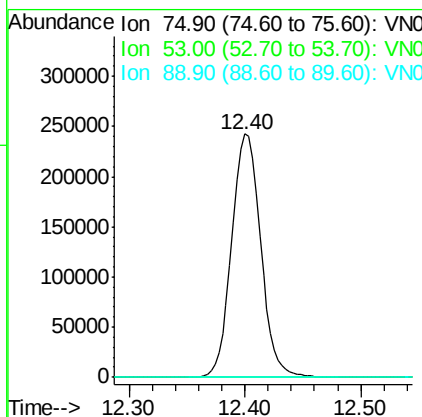
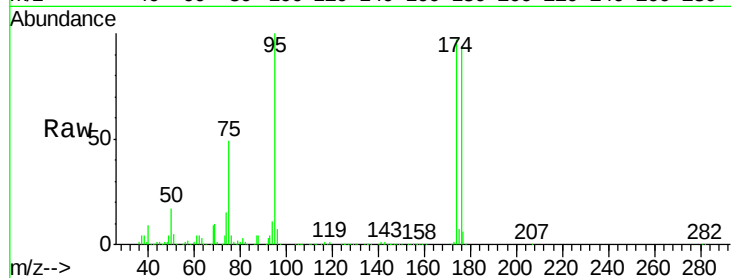




#81
trans-1,4-Dichloro-2-butene
Concen: 124.836 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054407.D
Acq: 18 Mar 2019 22:11

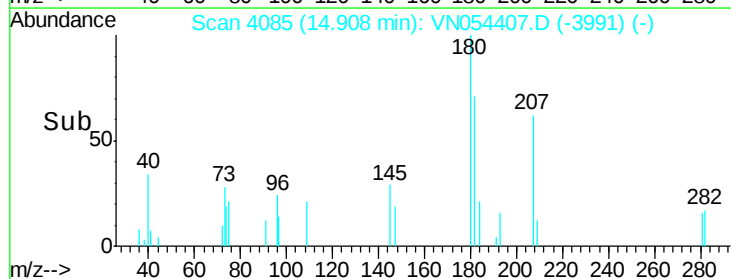
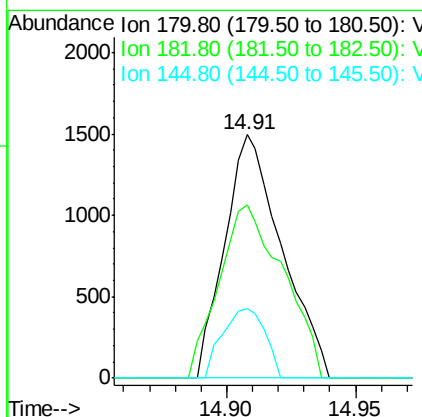
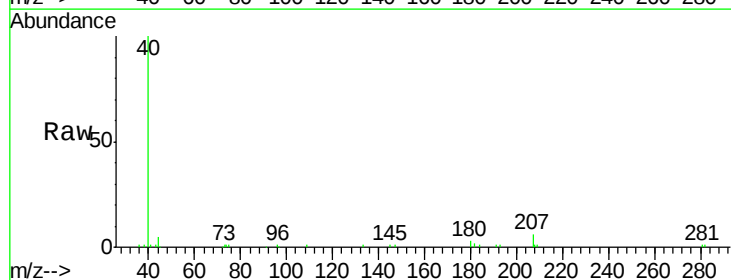
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBL02

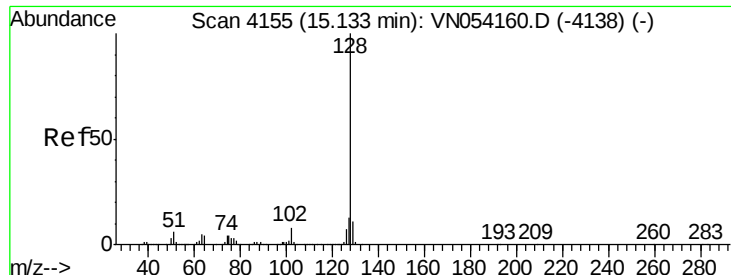
Tot Ion: 75 Resp: 419944
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.2#
89 0.0 39.2 58.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.649 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN054407.D
Acq: 18 Mar 2019 22:11

Tgt Ion: 180 Resp: 2297
Ion Ratio Lower Upper
180 100
182 80.5 48.0 144.2
145 21.4 14.2 42.8





#95

Naphthalene

Concen: 3.667 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054407.D

Acq: 18 Mar 2019 22:11

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBL02

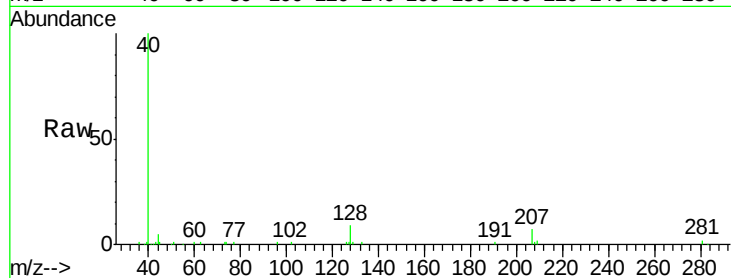
Tot Ion:128 Resp: 7281

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.8 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

