

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054408.D
 Acq On : 18 Mar 2019 22:39
 Operator : JC/SP
 Sample : VN0318MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318MBL02

Quant Time: Mar 19 05:16:30 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	1827334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2640777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2178599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	768453	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	885366	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	
35) Dibromofluoromethane	7.59	113	811414	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
50) Toluene-d8	10.09	98	3041304	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	12.40	95	887561	40.33	ug/l	0.00
Spiked Amount			Recovery	=	80.66%	

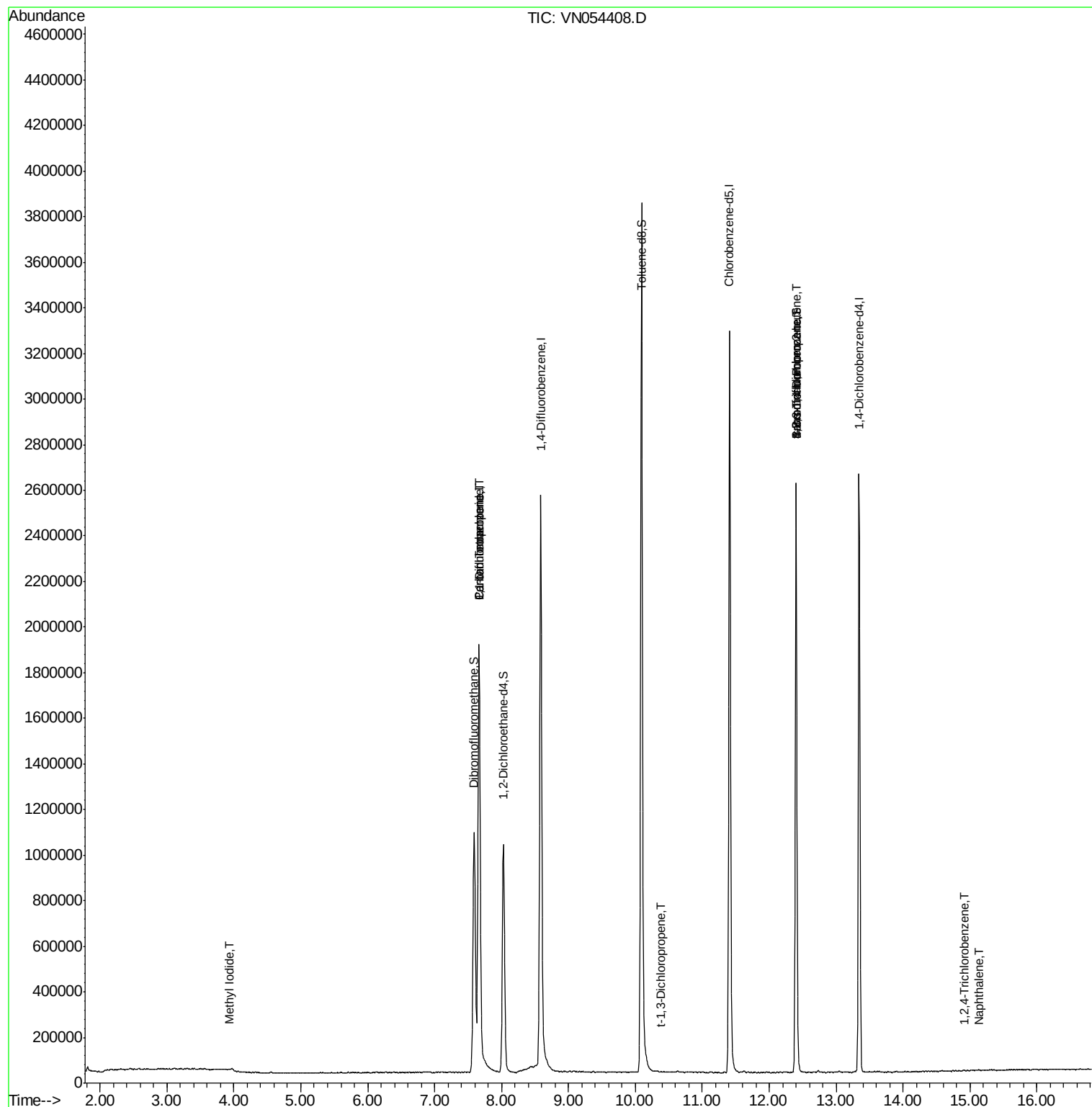
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	353	1.510	ug/l #	45
31) Cyclohexane	7.66	56	26600	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	107309	4.412	ug/l #	48
38) Carbon Tetrachloride	7.66	117	152181	5.967	ug/l #	16
53) t-1,3-Dichloropropene	10.38	75	117	1.990	ug/l #	42
71) Bromoform	12.40	173	5974	2.780	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	417230	36.922	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	417230	126.214	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	743	2.560	ug/l #	52
95) Naphthalene	15.14	128	3386	3.563	ug/l #	92

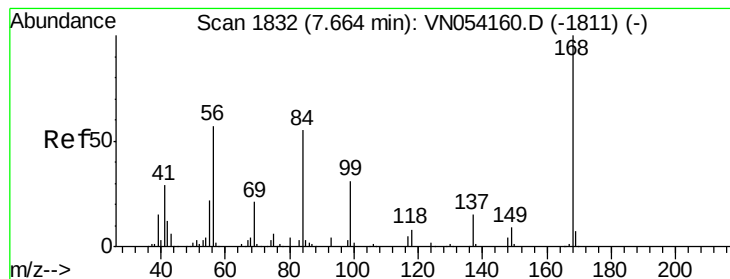
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031819\
Data File : VN054408.D
Acq On : 18 Mar 2019 22:39
Operator : JC/SP
Sample : VN0318MBL02
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0318MBL02

Quant Time: Mar 19 05:16:30 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: VN054408.D

Acq: 18 Mar 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

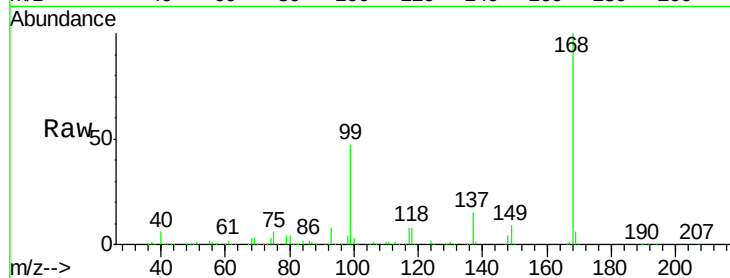
VN0318MBL02

Tot Ion:168 Resp: 1827334

Ion Ratio Lower Upper

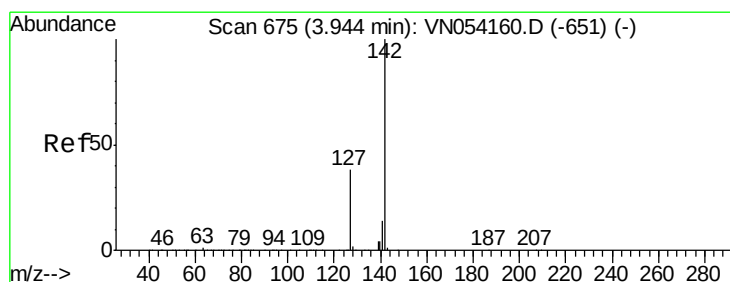
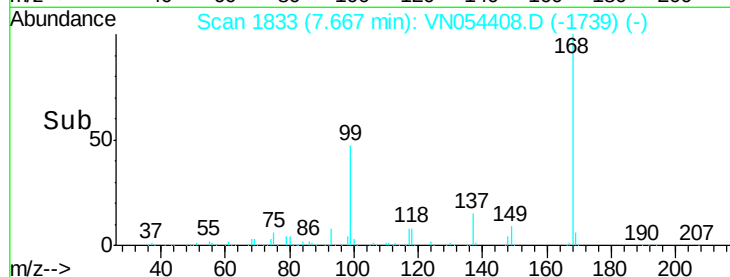
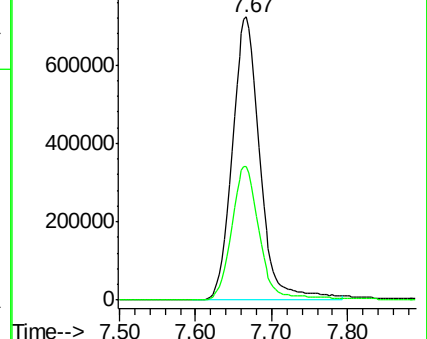
168 100

99 47.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#10

Methyl Iodide

Concen: 1.510 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.01 min

Lab File: VN054408.D

Acq: 18 Mar 2019 22:39

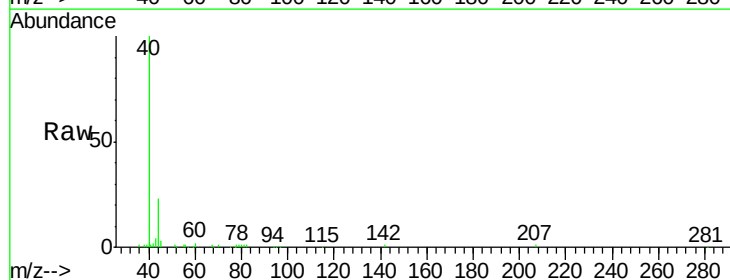
Tgt Ion:142 Resp: 353

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

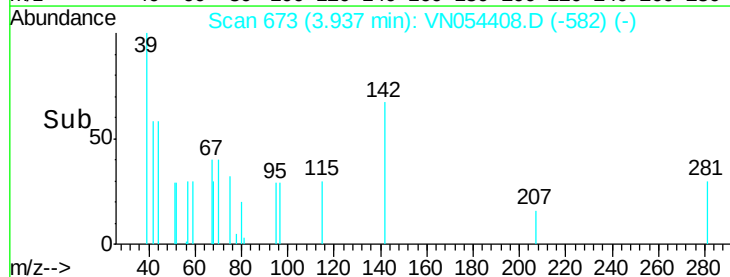
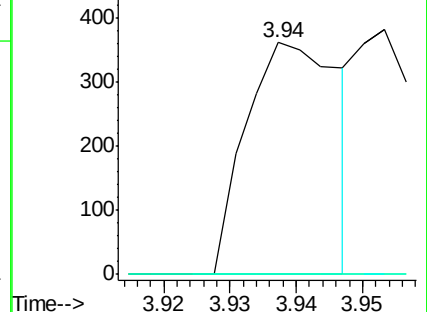
141 0.0 11.2 16.8#

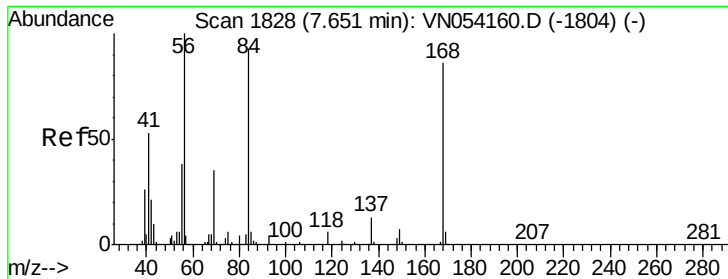


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054408.D

Acq: 18 Mar 2019 22:39

Instrument :

MSVOA_N

ClientSampled :

VN0318MBL02

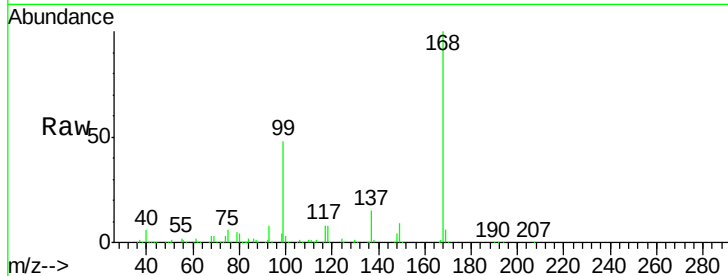
Tot Ion: 56 Resp: 26600

Ion Ratio Lower Upper

56 100

69 208.0 27.8 41.6#

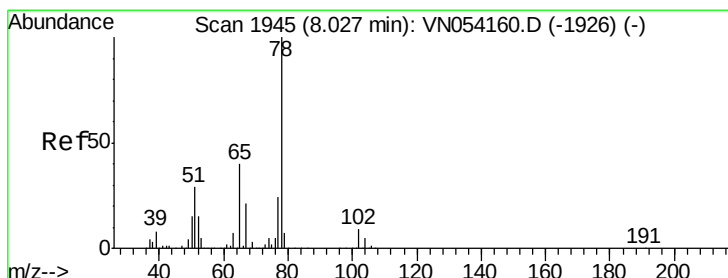
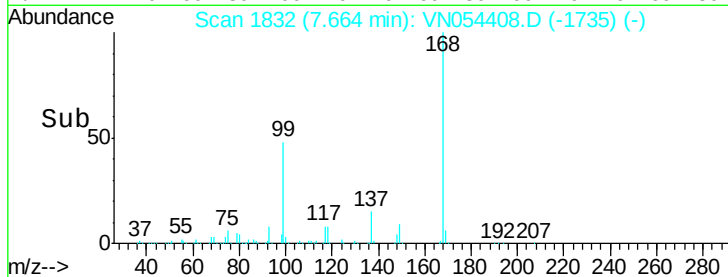
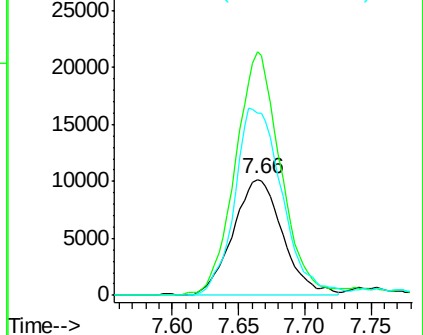
84 157.9 74.6 111.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 45.623 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054408.D

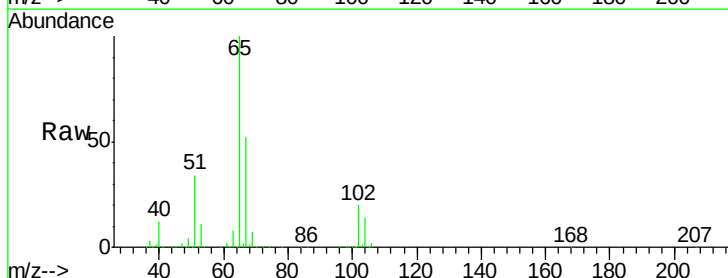
Acq: 18 Mar 2019 22:39

Tgt Ion: 65 Resp: 885366

Ion Ratio Lower Upper

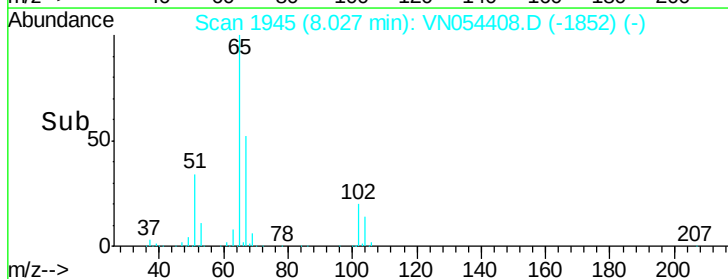
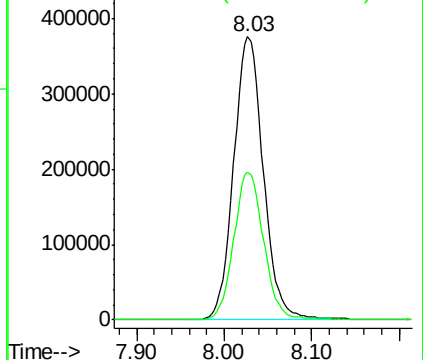
65 100

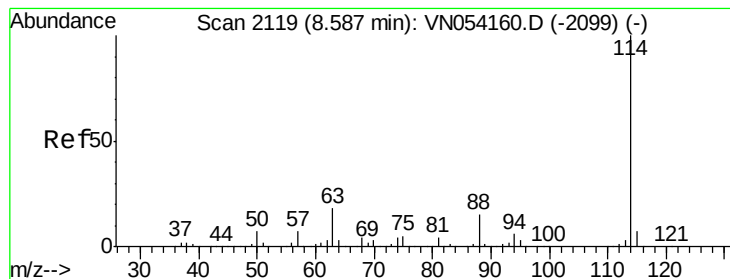
67 52.7 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054408.D

Acq: 18 Mar 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

VN0318MBL02

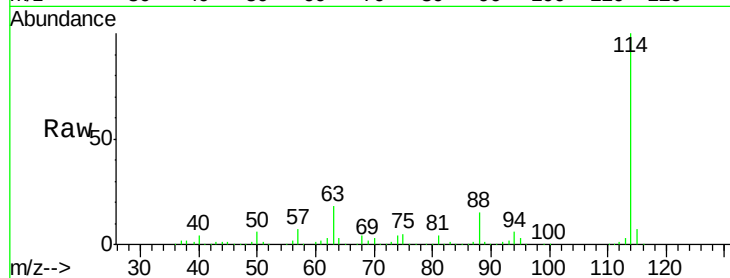
Tot Ion:114 Resp: 2640777

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

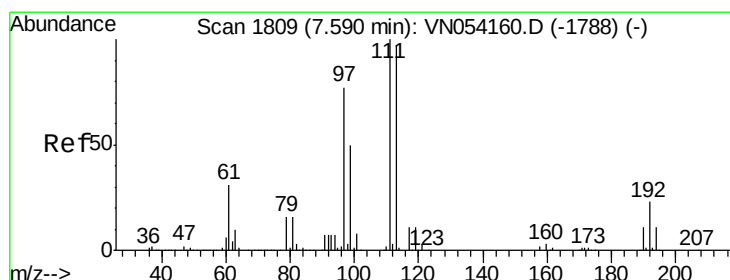
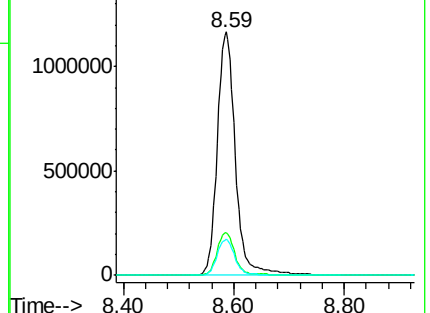
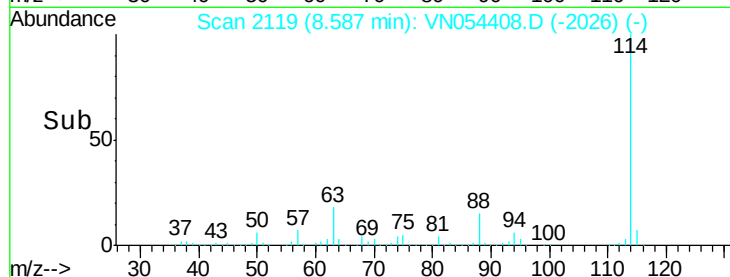
88 14.7 0.0 30.2



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: 47.641 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054408.D

Acq: 18 Mar 2019 22:39

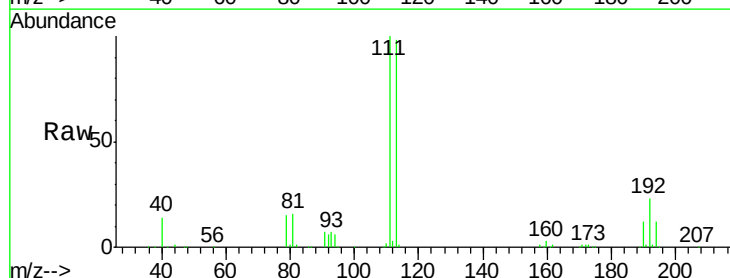
Tgt Ion:113 Resp: 811414

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

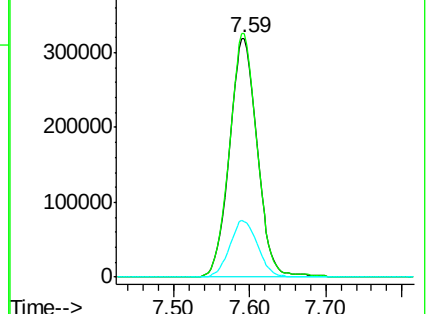
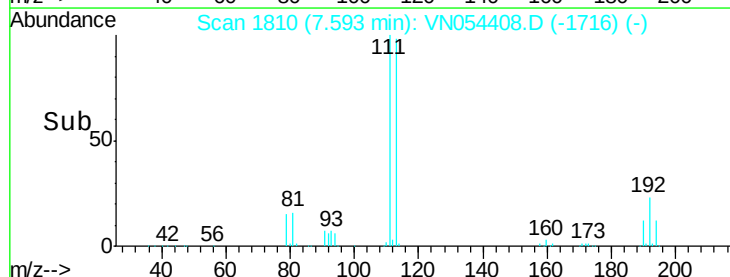
192 23.8 19.2 28.8

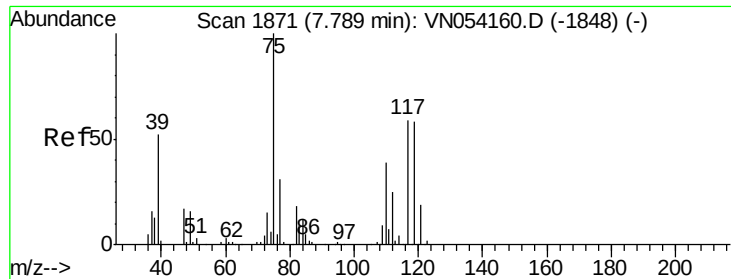


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

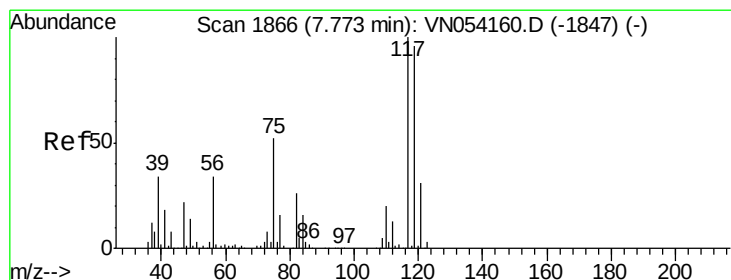
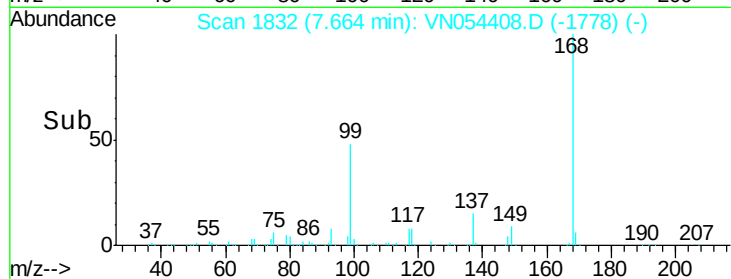
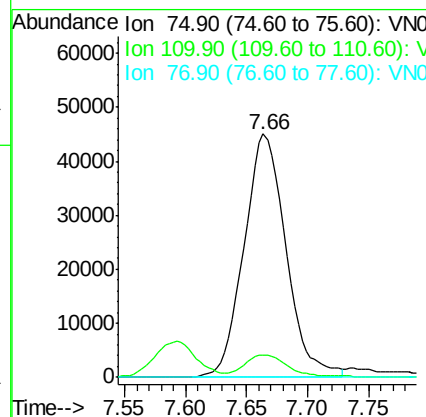
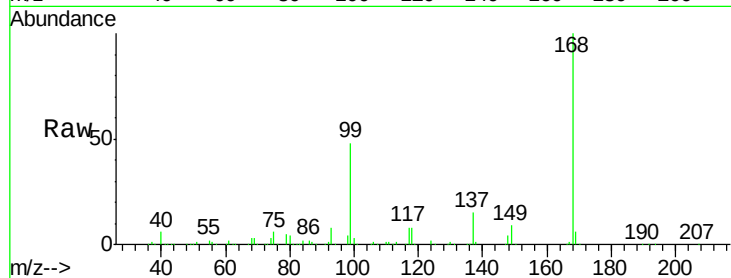




#36
 1,1-Dichloropropene
 Concen: 4.412 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054408.D
 Acq: 18 Mar 2019 22:39

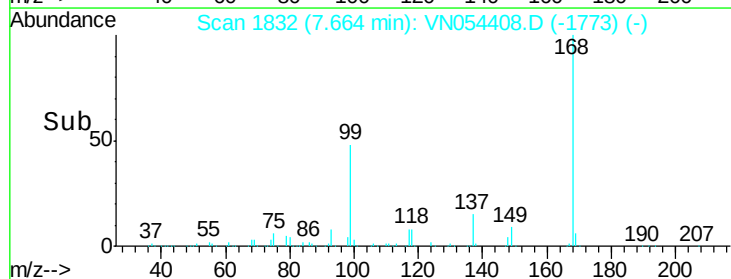
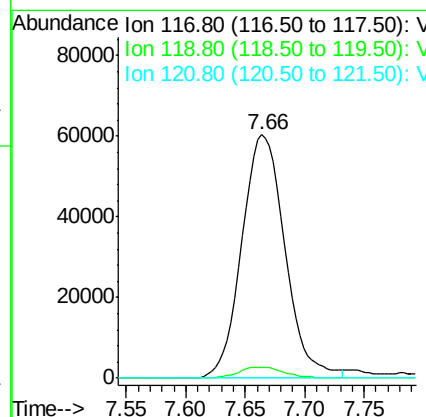
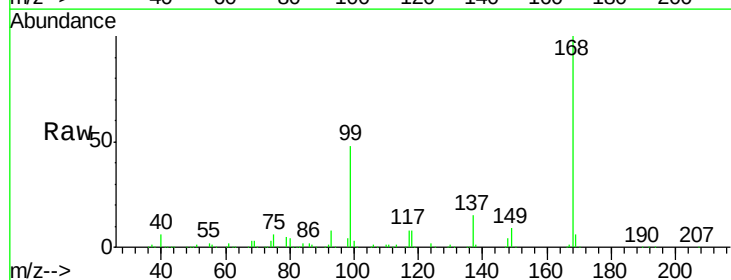
Instrument :
 MSVOA_N
 ClientSampled :
 VN0318MBL02

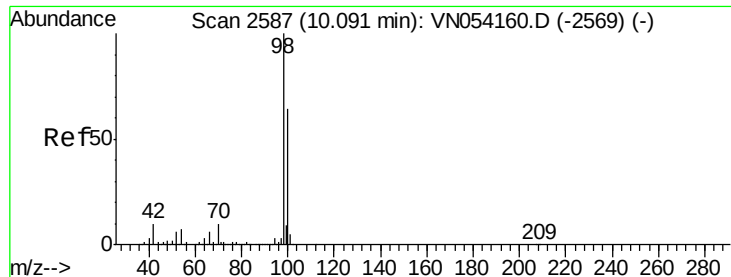
Tot Ion: 75 Resp: 107309
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.967 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054408.D
 Acq: 18 Mar 2019 22:39

Tgt Ion: 117 Resp: 152181
 Ion Ratio Lower Upper
 117 100
 119 4.4 76.3 114.5#
 121 0.0 24.6 36.8#





#50

Toluene-d8

Concen: 48.350 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054408.D

Acq: 18 Mar 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

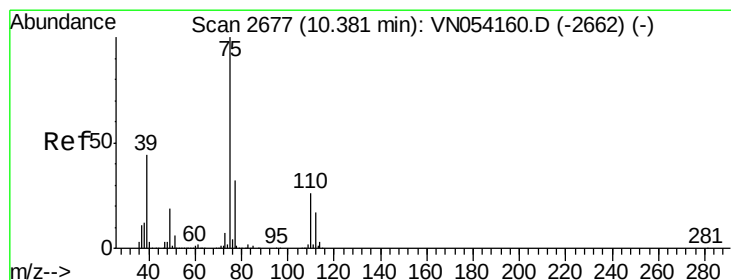
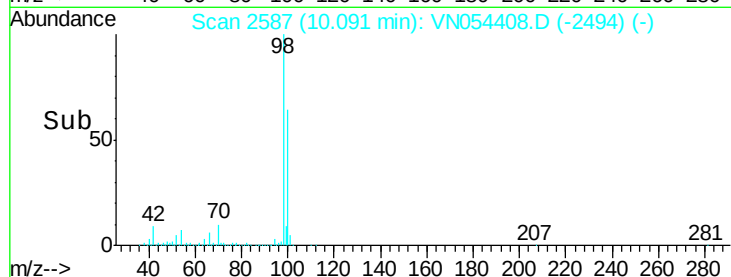
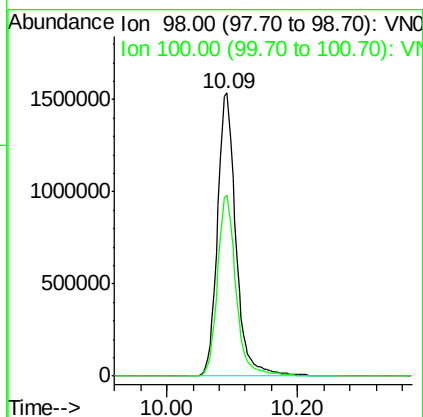
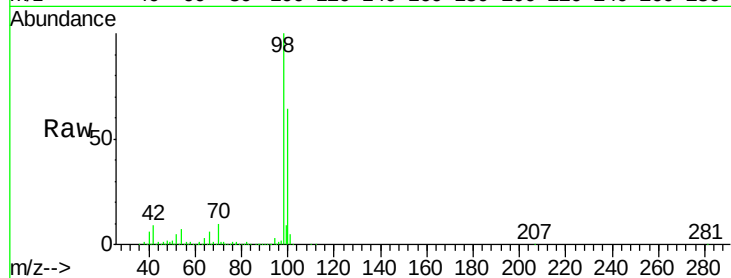
VN0318MBL02

Tot Ion: 98 Resp: 3041304

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



#53

t-1,3-Dichloropropene

Concen: 1.990 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054408.D

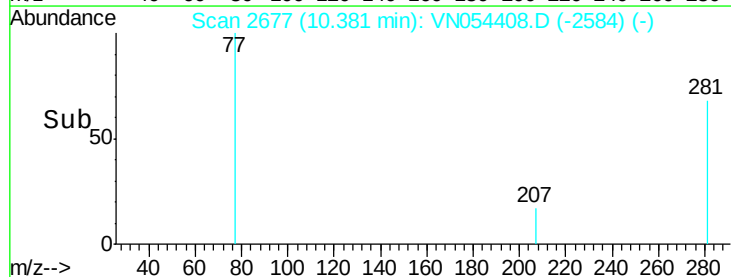
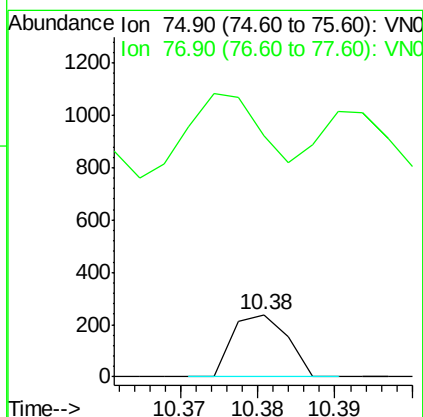
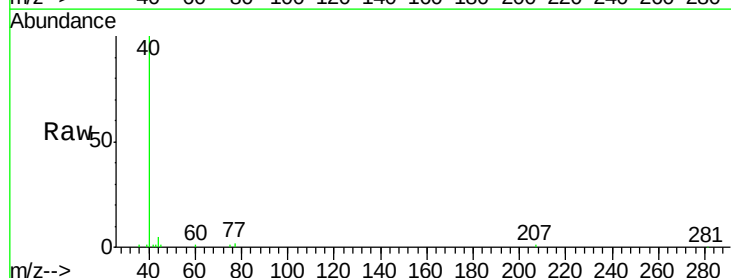
Acq: 18 Mar 2019 22:39

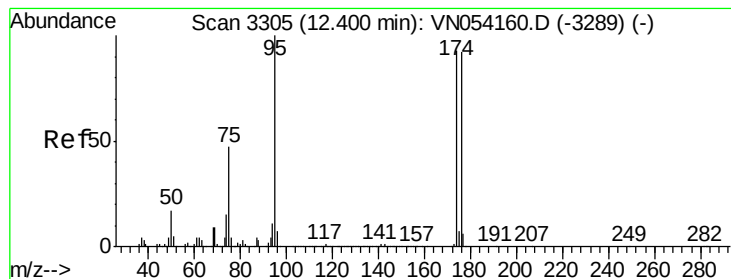
Tgt Ion: 75 Resp: 117

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#





#62

4-Bromofluorobenzene

Concen: 40.327 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054408.D

Acq: 18 Mar 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

VN0318MBL02

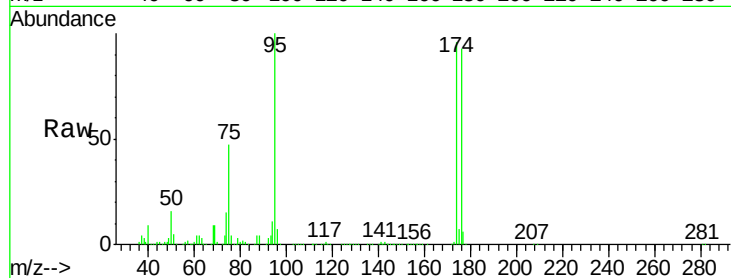
Tot Ion: 95 Resp: 887561

Ion Ratio Lower Upper

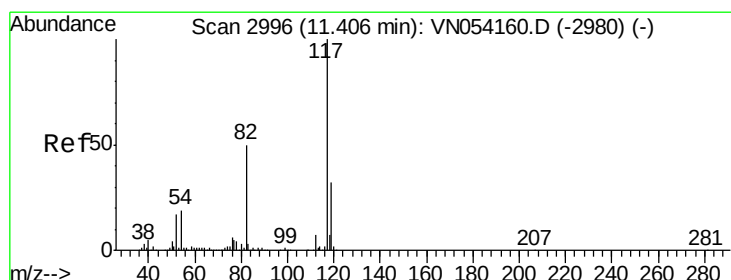
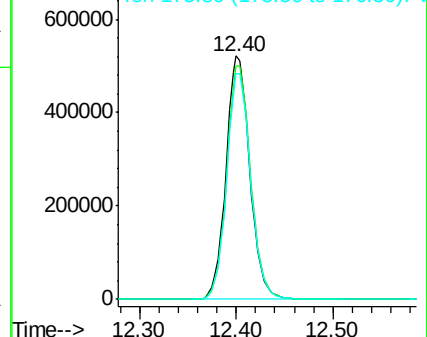
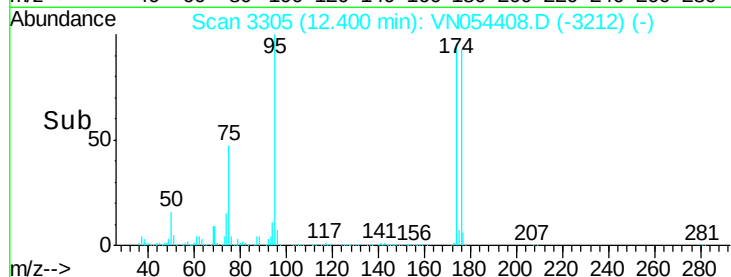
95 100

174 97.0 0.0 191.0

176 93.5 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054408.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054408.D

Acq: 18 Mar 2019 22:39

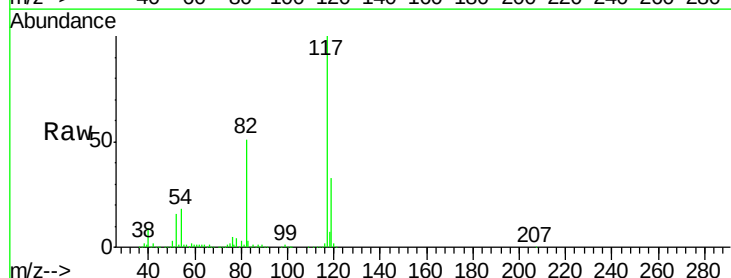
Tgt Ion: 117 Resp: 2178599

Ion Ratio Lower Upper

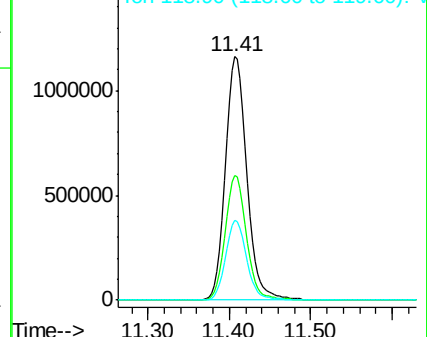
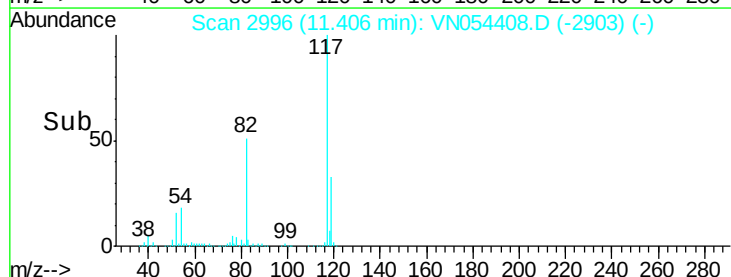
117 100

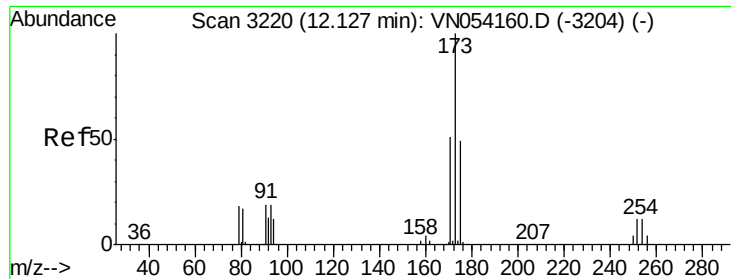
82 51.3 40.0 60.0

119 32.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN054408.D (-2903) (-)

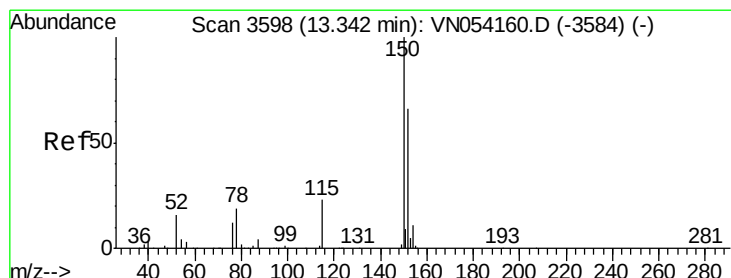
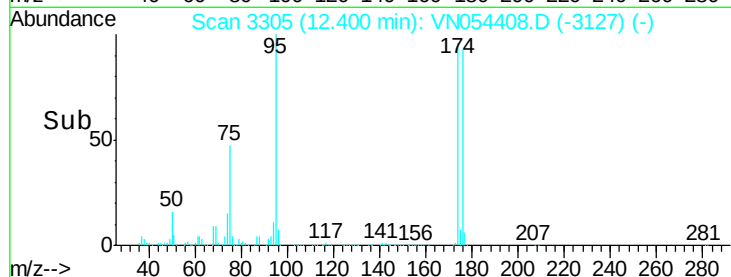
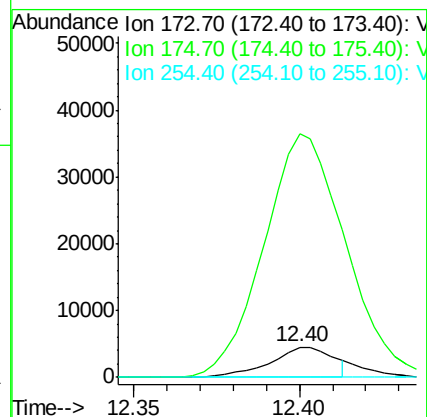
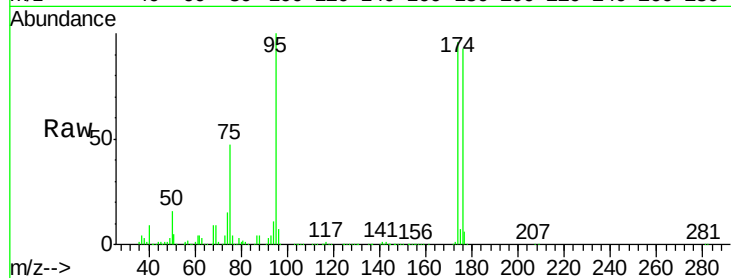




#71
Bromoform
Concen: 2.780 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054408.D
Acq: 18 Mar 2019 22:39

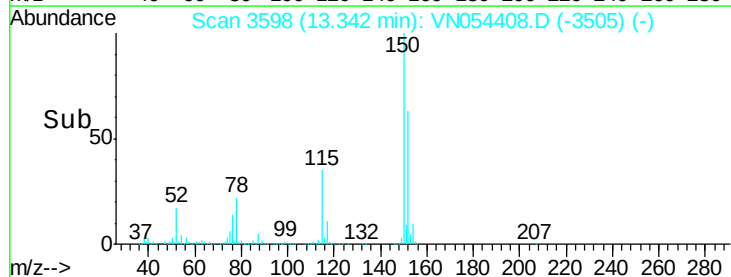
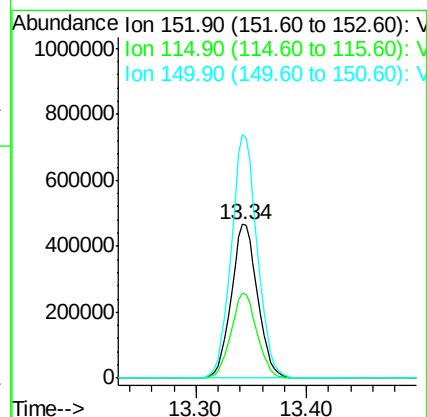
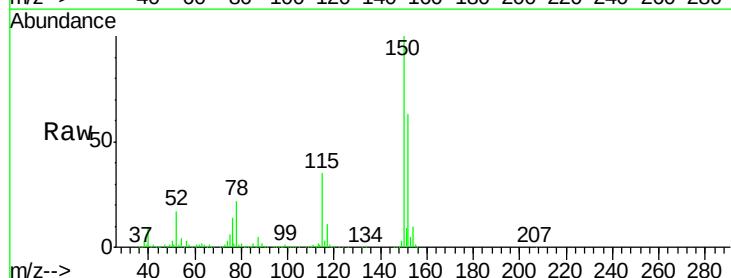
Instrument :
MSVOA_N
ClientSampleId :
VN0318MBL02

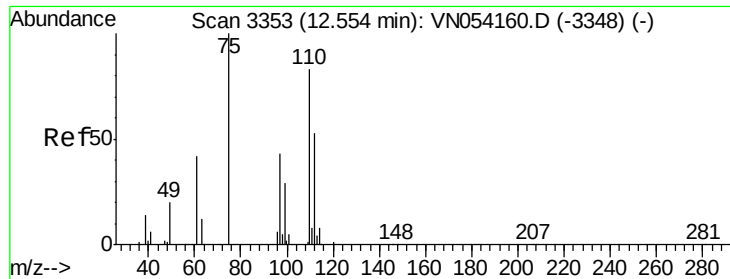
Tot Ion:173 Resp: 5974
Ion Ratio Lower Upper
173 100
175 894.6 24.4 73.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054408.D
Acq: 18 Mar 2019 22:39

Tgt Ion:152 Resp: 768453
Ion Ratio Lower Upper
152 100
115 54.6 27.2 81.6
150 156.5 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 36.922 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054408.D

Acq: 18 Mar 2019 22:39

Instrument :

MSVOA_N

ClientSampled :

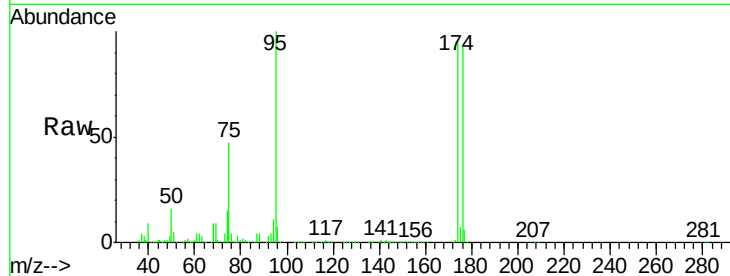
VN0318MBL02

Tot Ion: 75 Resp: 417230

Ion Ratio Lower Upper

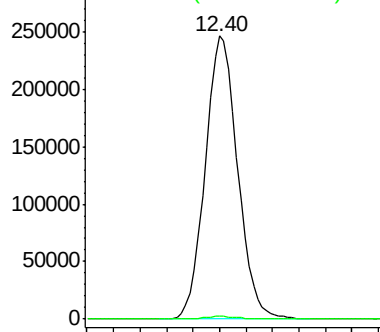
75 100

77 1.0 0.0 0.0#

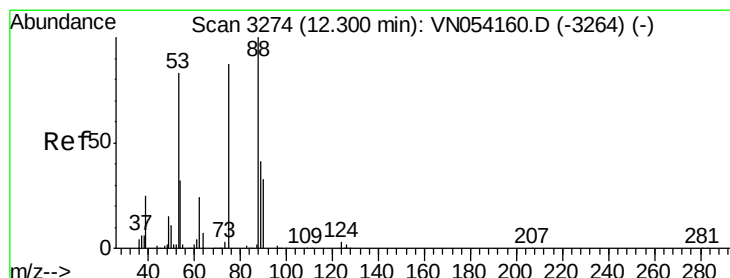
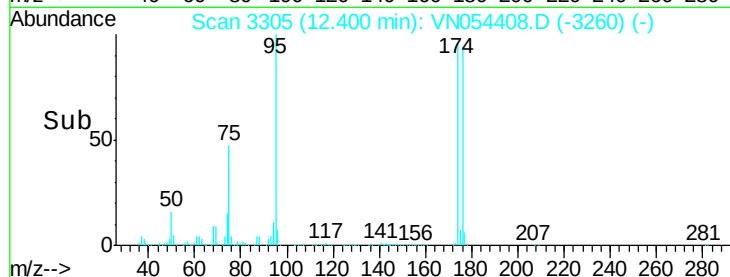


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 126.214 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054408.D

Acq: 18 Mar 2019 22:39

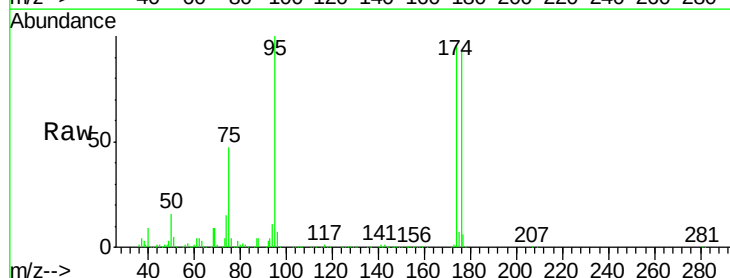
Tgt Ion: 75 Resp: 417230

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

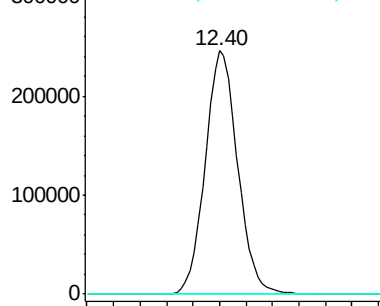
89 0.0 39.2 58.8#



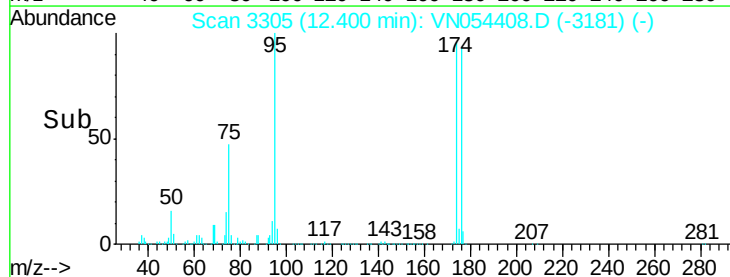
Abundance Ion 74.90 (74.60 to 75.60): VNO

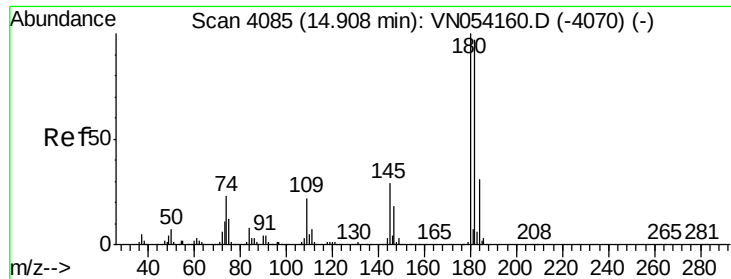
Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



Time--> 12.30 12.40 12.50

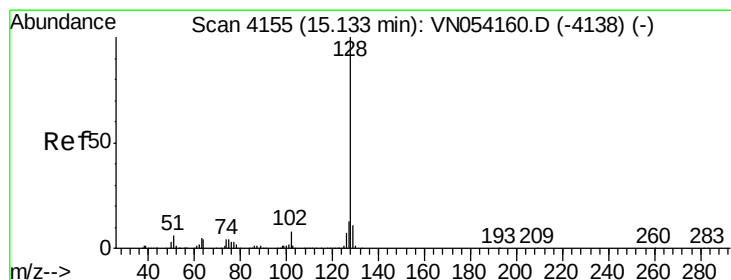
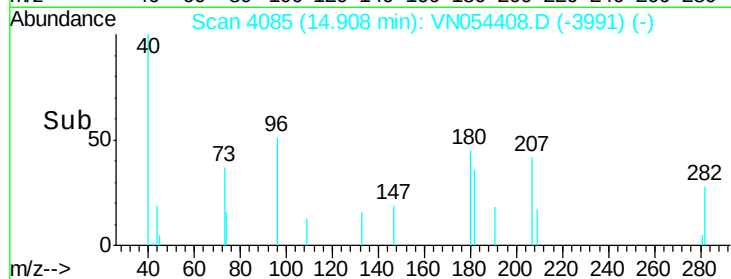
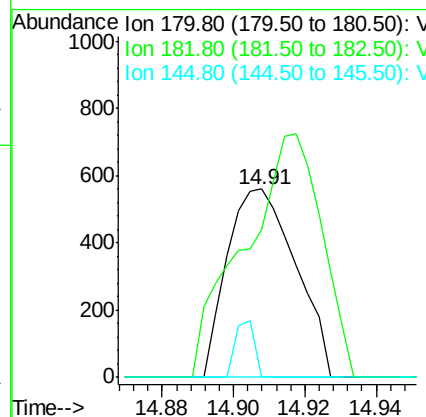
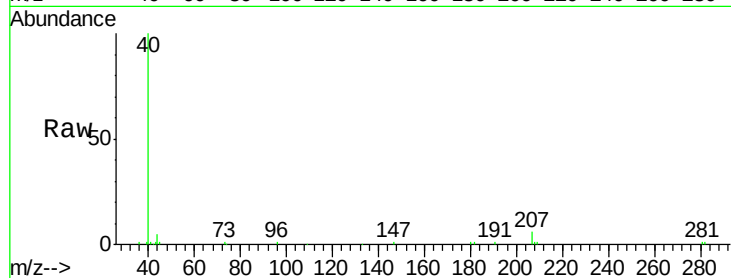




#93
 1,2,4-Trichlorobenzene
 Concen: 2.560 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054408.D
 Acq: 18 Mar 2019 22:39

Instrument :
 MSVOA_N
 ClientSampled :
 VN0318MBL02

Tot Ion	Ratio	Lower	Upper
180	100		
182	146.3	48.0	144.2#
145	8.5	14.2	42.8#



#95
 Naphthalene
 Concen: 3.563 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN054408.D
 Acq: 18 Mar 2019 22:39

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.1	15.1
129	5.0	8.7	13.1#

