

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101118\
 Data File : VN051821.D
 Acq On : 11 Oct 2018 19:09
 Operator : MD\SY
 Sample : J5455-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 06:51:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 13:17:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1076210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1516206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1296243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	460012	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	508707	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	7.59	113	469235	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.09	98	1800395	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	522845	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	

Target Compounds

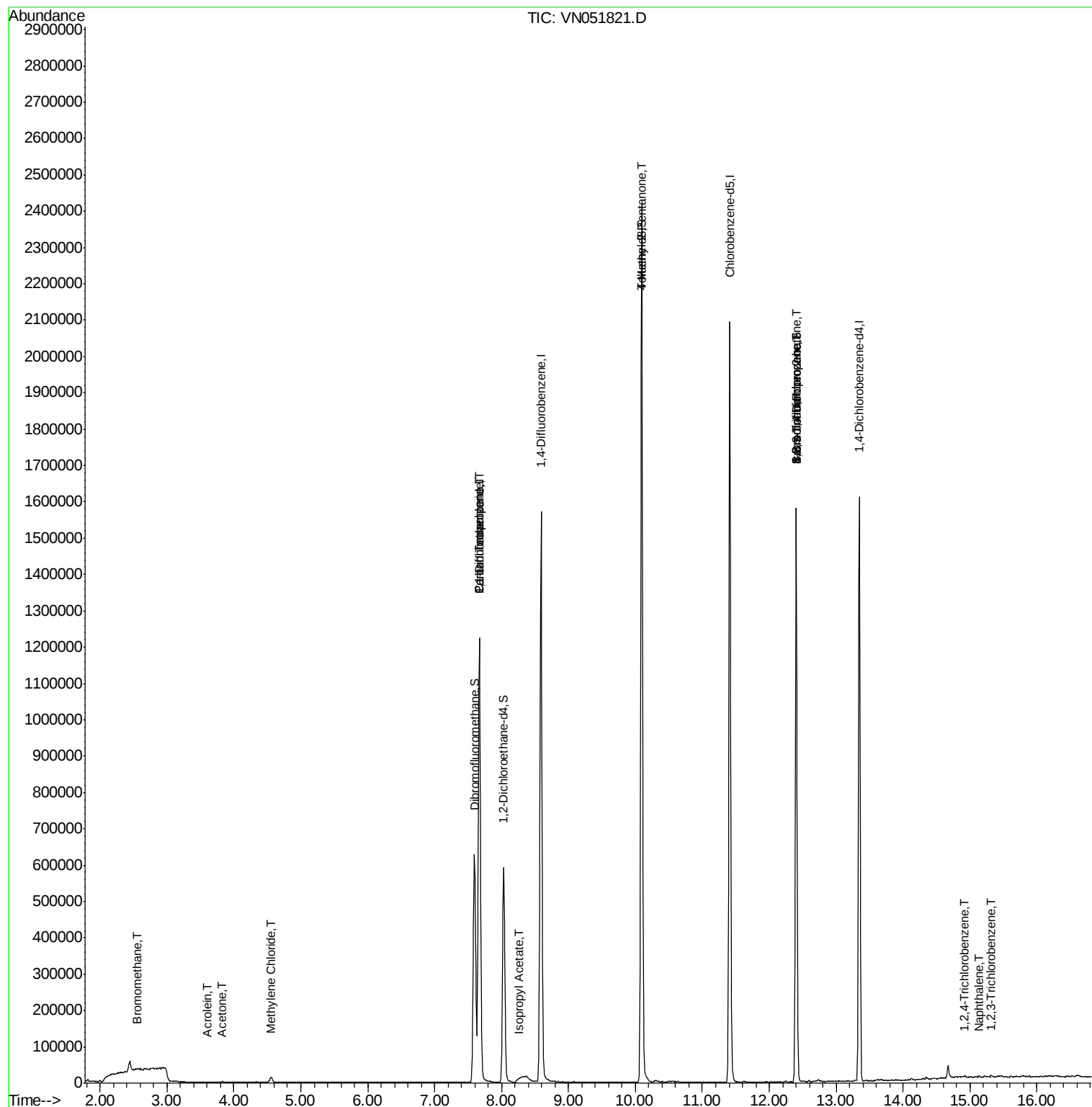
						Qvalue
5) Bromomethane	2.57	94	2126	0.217	ug/l	89
13) Acrolein	3.61	56	275	16.272	ug/l #	74
16) Acetone	3.82	43	2784	1.255	ug/l #	84
20) Methylene Chloride	4.55	84	10682	1.163	ug/l #	86
31) Cyclohexane	7.67	56	18878	Below Cal	#	14
36) 1,1-Dichloropropene	7.67	75	66745	5.438	ug/l #	50
38) Carbon Tetrachloride	7.67	117	96692	6.796	ug/l #	15
43) Isopropyl Acetate	8.26	43	7906	0.622	ug/l #	58
51) 4-Methyl-2-Pentanone	10.08	43	6165	0.942	ug/l #	1
71) Bromoform	12.40	173	3697	4.015	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	264435	46.561	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	264435	132.375	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	1182	3.796	ug/l	93
95) Naphthalene	15.14	128	3901	4.606	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.32	180	1266	3.016	ug/l	96

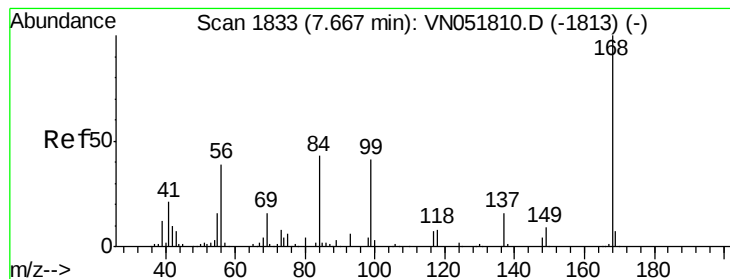
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101118\
Data File : VN051821.D
Acq On : 11 Oct 2018 19:09
Operator : MD\SY
Sample : J5455-05
Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Oct 12 06:51:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 11 13:17:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051821.D

Acq: 11 Oct 2018 19:09

Instrument :

MSVOA_N

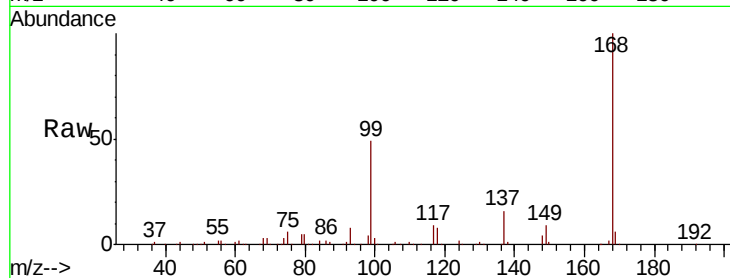
ClientSampleId :

Tot Ion:168 Resp: 1076210

Ion Ratio Lower Upper

168 100

99 48.8 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN051810.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051810.D (-1813) (-)

7.67

500000

400000

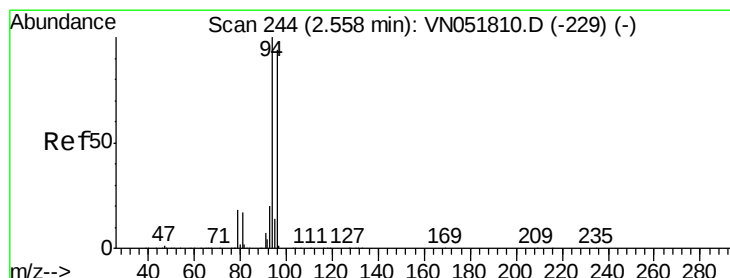
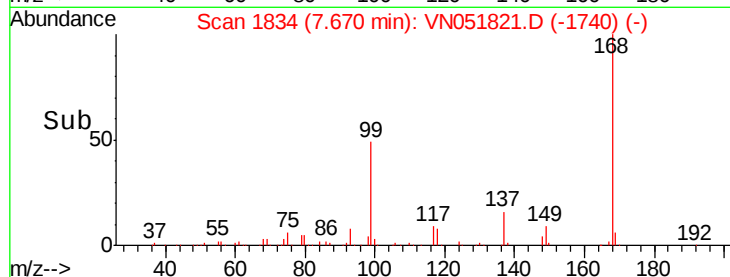
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.217 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN051821.D

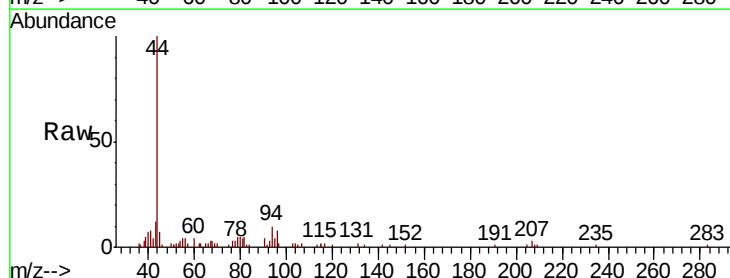
Acq: 11 Oct 2018 19:09

Tgt Ion: 94 Resp: 2126

Ion Ratio Lower Upper

94 100

96 84.5 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN051810.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN051810.D (-229) (-)

2.57

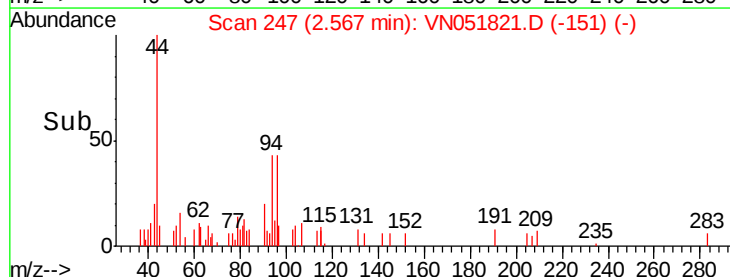
1500

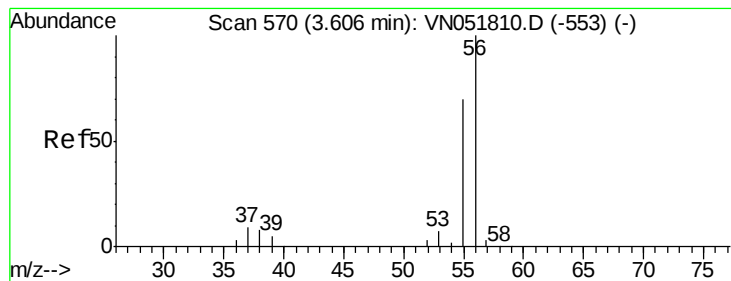
1000

500

0

Time-->





#13

Acrolein

Concen: 16.272 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN051821.D

Acq: 11 Oct 2018 19:09

Instrument :

MSVOA_N

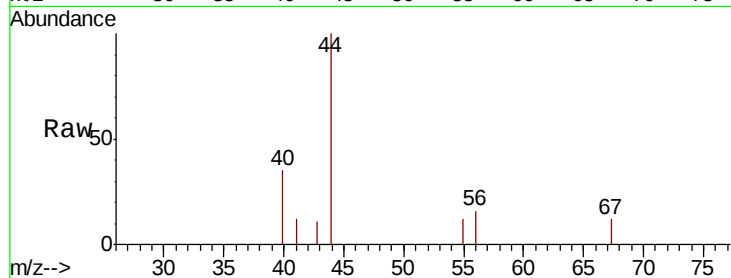
ClientSampled :

Tot Ion: 56 Resp: 275

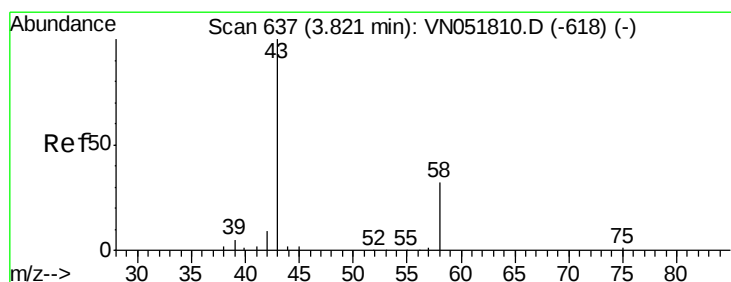
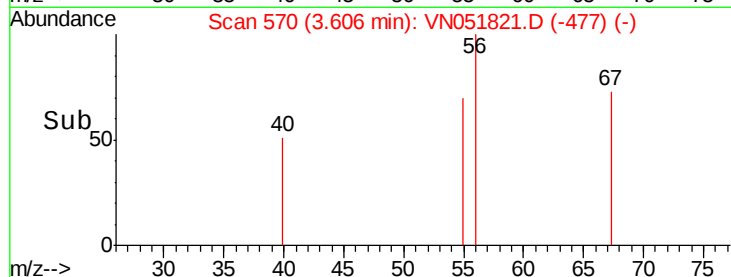
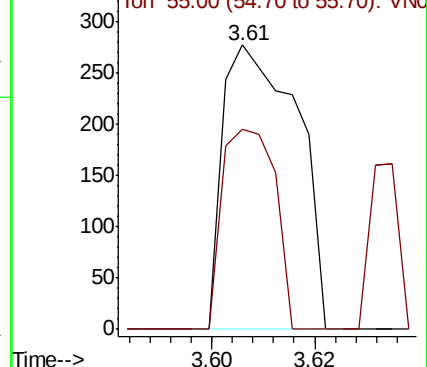
Ion Ratio Lower Upper

56 100

55 50.2 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0



#16

Acetone

Concen: 1.255 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN051821.D

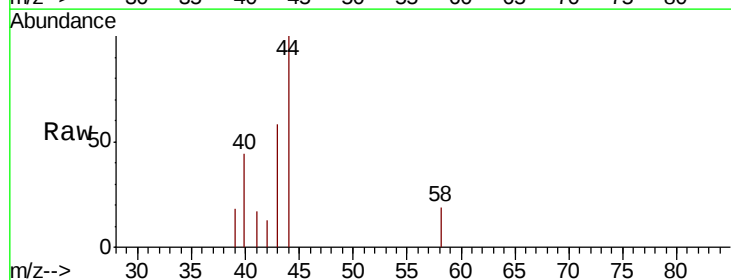
Acq: 11 Oct 2018 19:09

Tgt Ion: 43 Resp: 2784

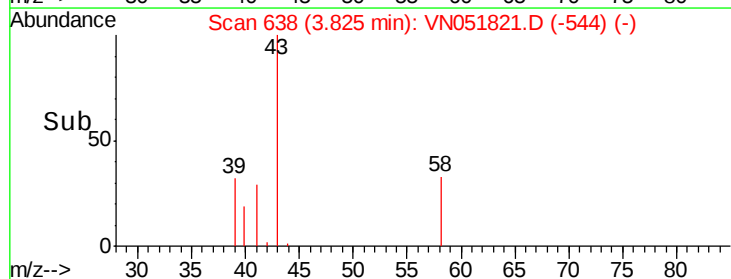
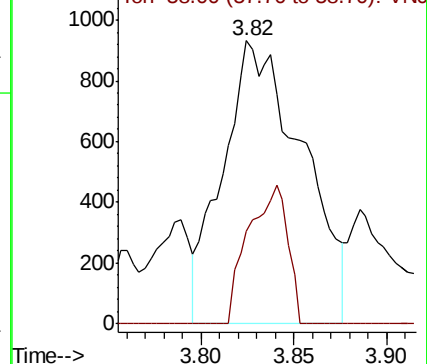
Ion Ratio Lower Upper

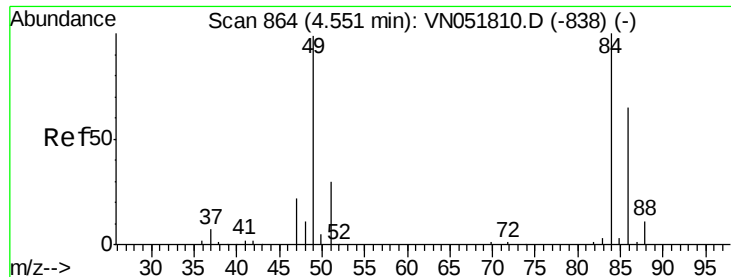
43 100

58 43.2 27.2 40.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

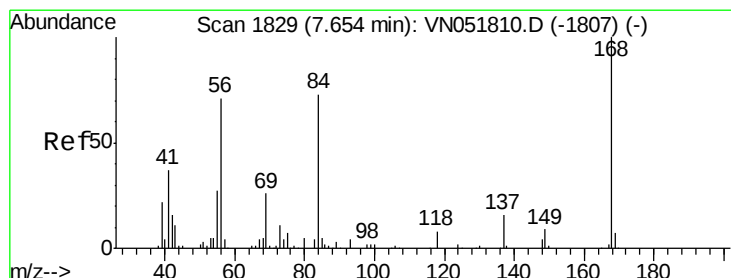
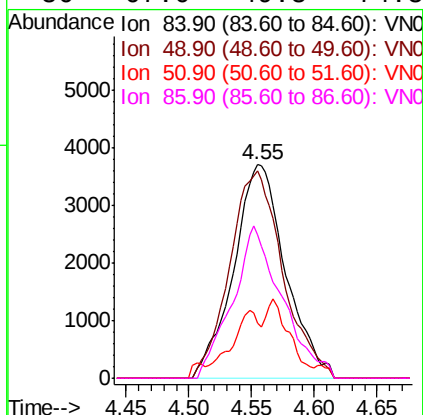
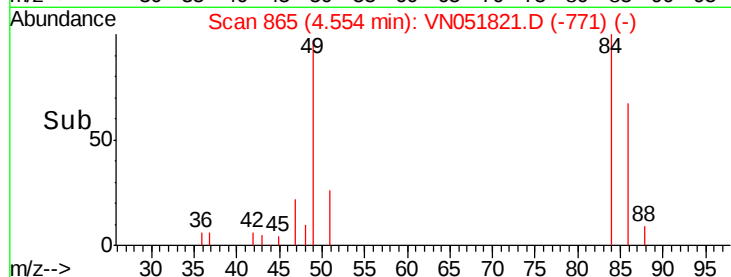
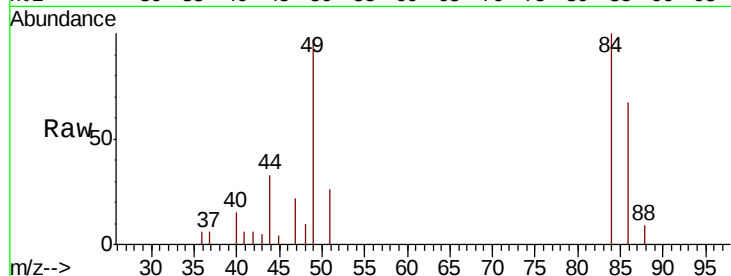




#20
Methvlene Chloride
Concen: 1.163 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051821.D
Acq: 11 Oct 2018 19:09

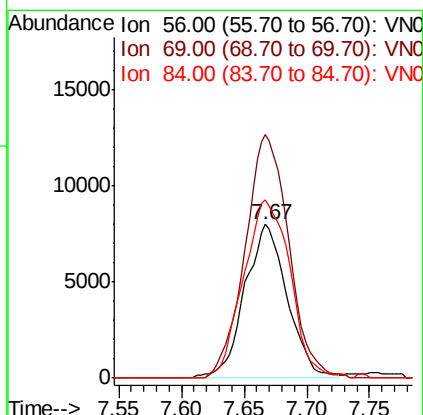
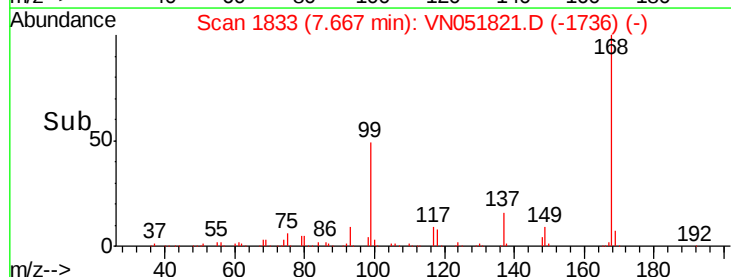
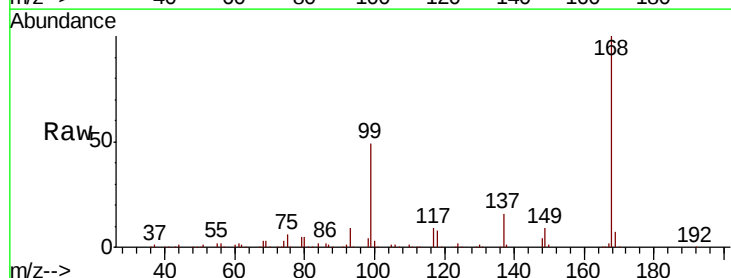
Instrument :
MSVOA_N
ClientSampled :

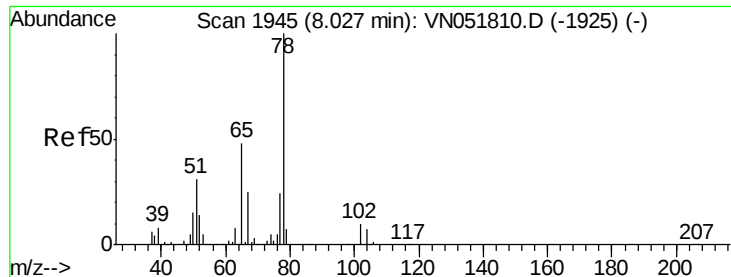
Tot Ion: 84 Resp: 10682
Ion Ratio Lower Upper
84 100
49 97.1 93.2 139.8
51 25.8 29.0 43.6#
86 67.0 49.8 74.8



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051821.D
Acq: 11 Oct 2018 19:09

Tgt Ion: 56 Resp: 18878
Ion Ratio Lower Upper
56 100
69 158.5 26.2 39.4#
84 116.2 68.3 102.5#

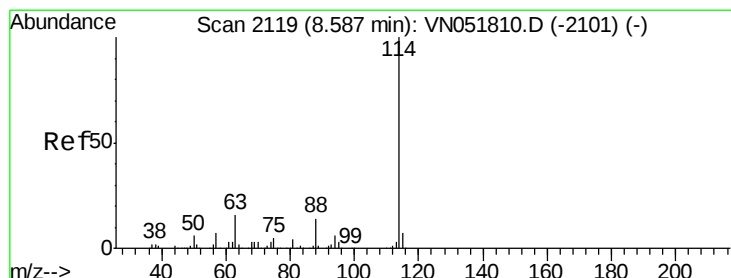
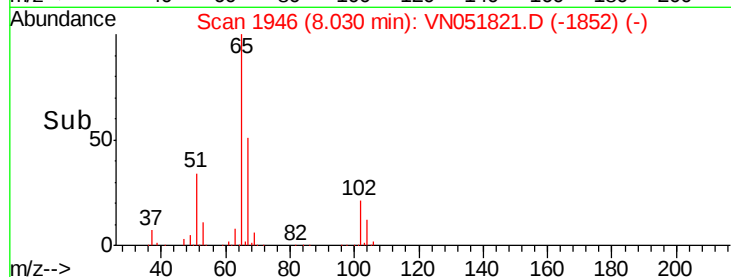
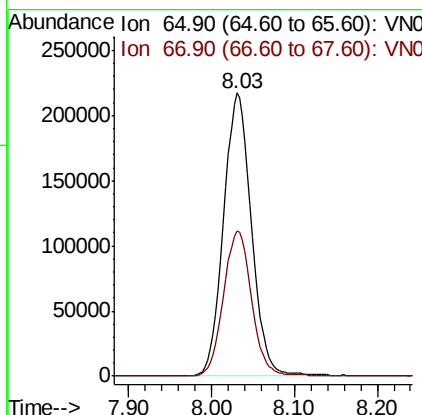
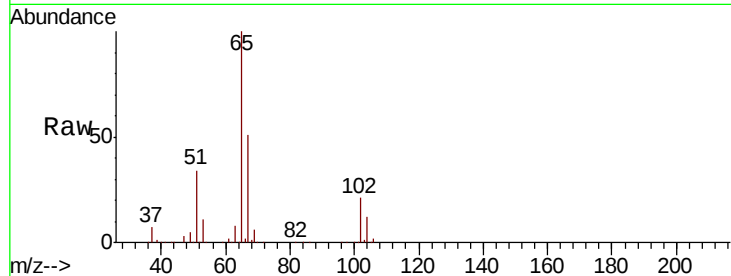




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051821.D
 Acq: 11 Oct 2018 19:09

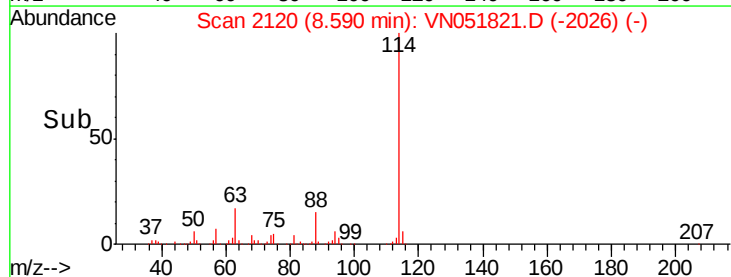
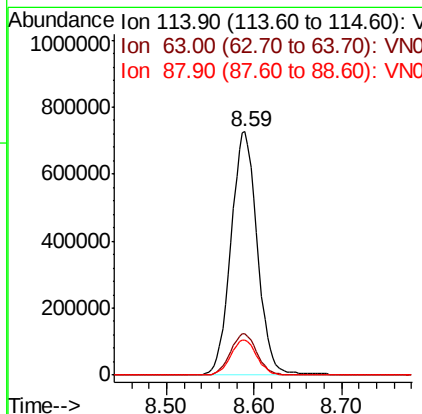
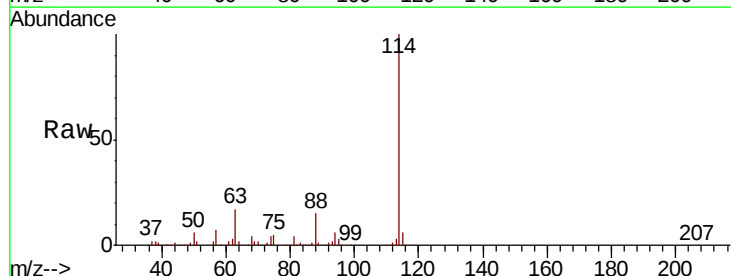
Instrument :
 MSVOA_N
 ClientSampleId :

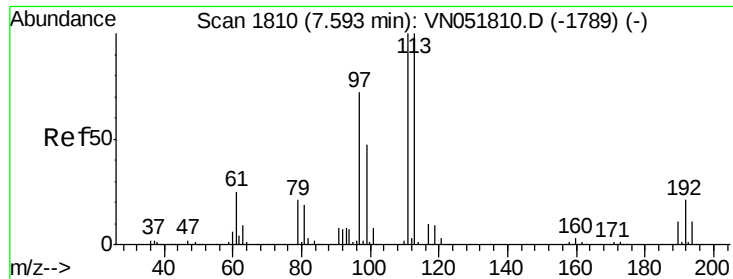
Tot Ion: 65 Resp: 508707
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051821.D
 Acq: 11 Oct 2018 19:09

Tgt Ion: 114 Resp: 1516206
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 38.6
 88 14.5 0.0 30.6

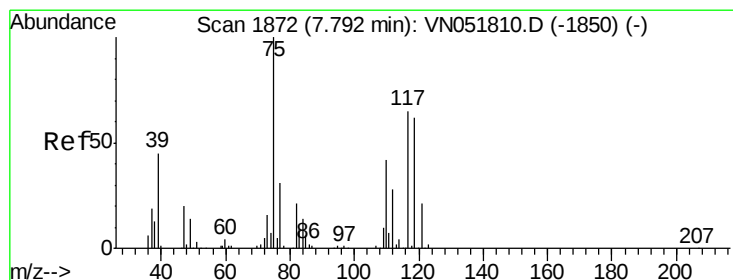
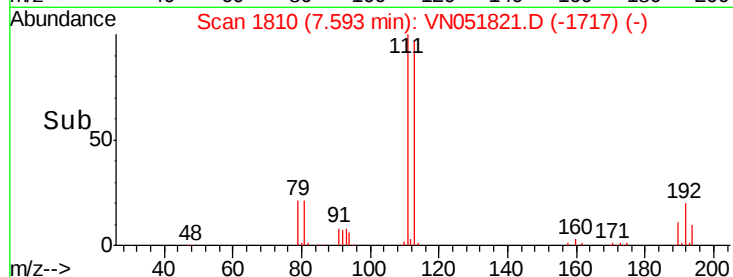
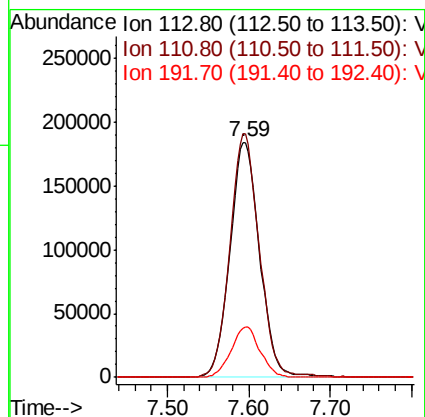
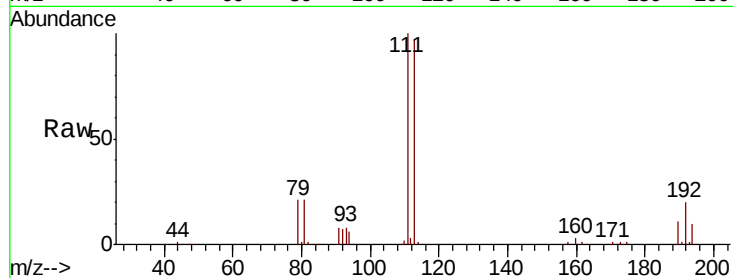




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051821.D
 Acq: 11 Oct 2018 19:09

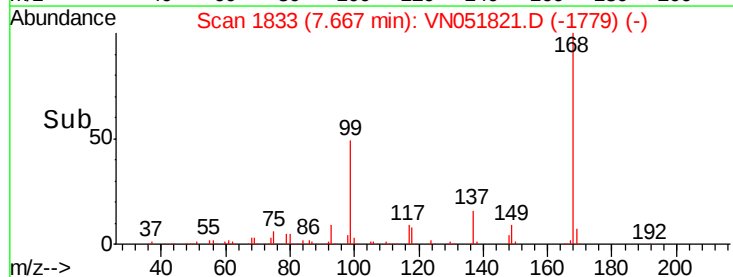
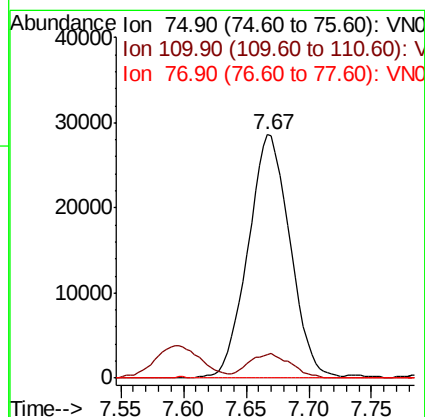
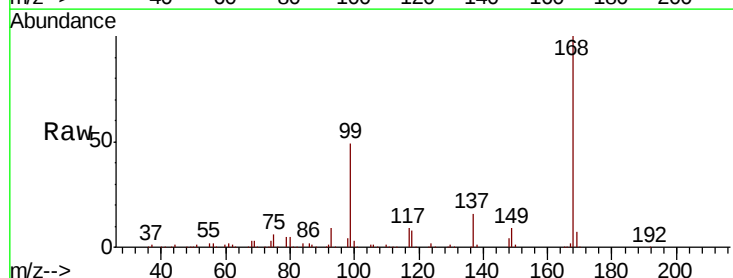
Instrument :
 MSVOA_N
 ClientSampleId :

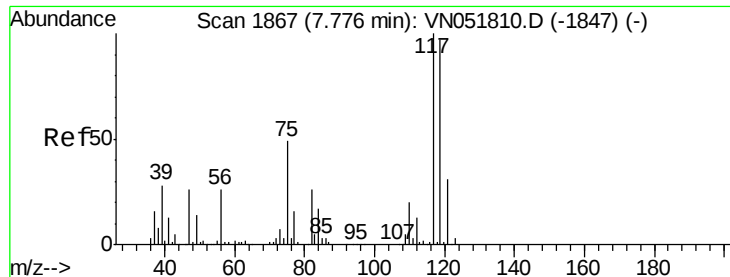
Tot Ion:113 Resp: 469235
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.6 123.8
 192 21.0 18.0 27.0



#36
 1,1-Dichloropropene
 Concen: 5.438 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051821.D
 Acq: 11 Oct 2018 19:09

Tgt Ion: 75 Resp: 66745
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.1 54.4#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.796 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.11 min

Lab File: VN051821.D

Acq: 11 Oct 2018 19:09

Instrument :

MSVOA_N

ClientSampled :

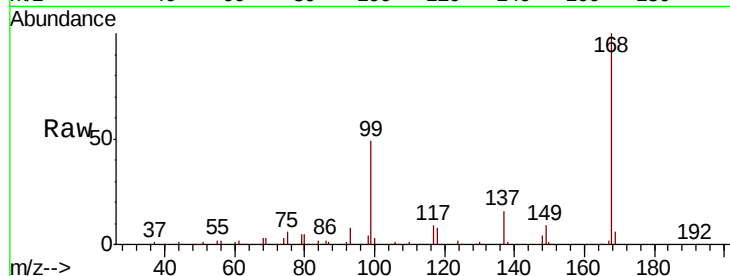
Tot Ion:117 Resp: 96692

Ion Ratio Lower Upper

117 100

119 4.0 76.3 114.5#

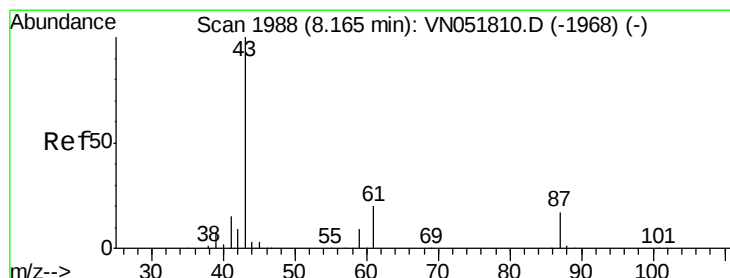
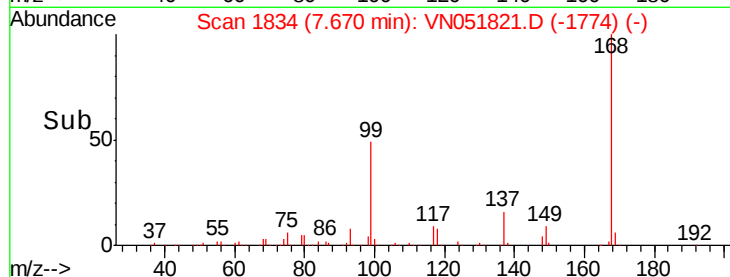
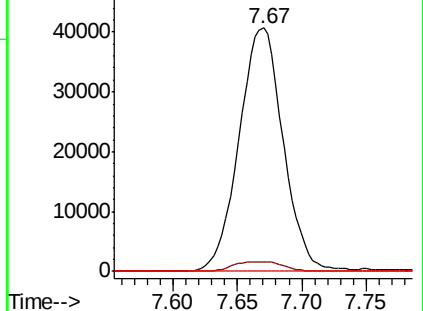
121 0.0 24.6 36.8#



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



#43

Isopropyl Acetate

Concen: 0.622 ug/l

RT: 8.26 min Scan# 2017

Delta R.T. 0.09 min

Lab File: VN051821.D

Acq: 11 Oct 2018 19:09

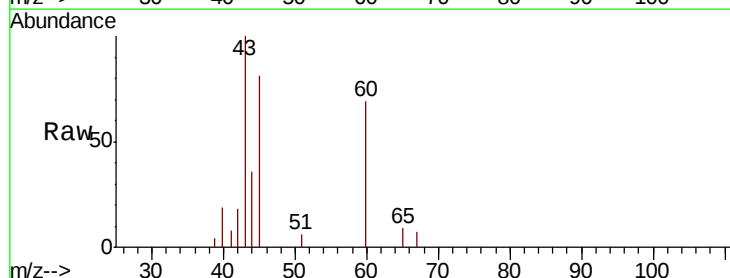
Tgt Ion: 43 Resp: 7906

Ion Ratio Lower Upper

43 100

61 0.0 17.5 26.3#

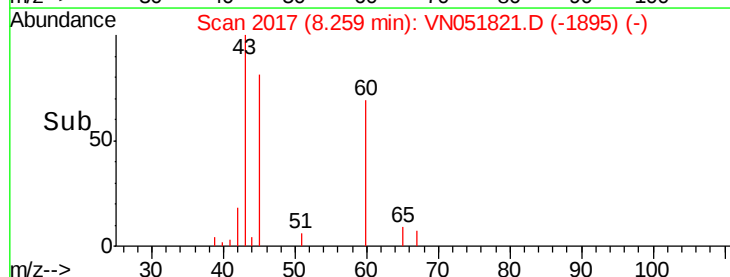
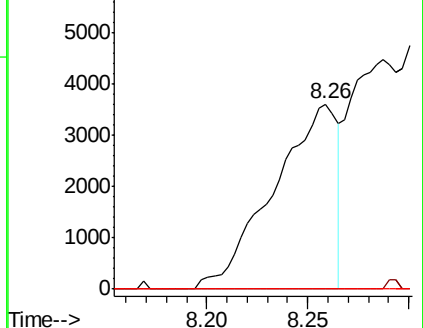
87 0.0 11.3 16.9#

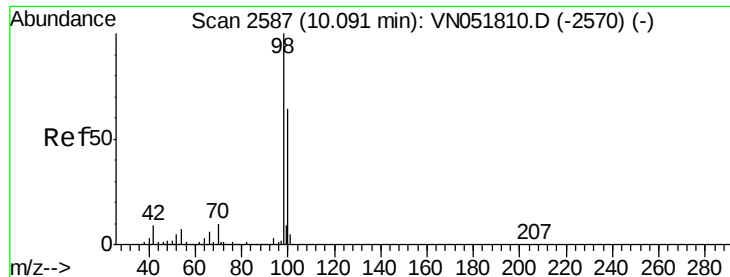


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN051821.D

Acq: 11 Oct 2018 19:09

Instrument :

MSVOA_N

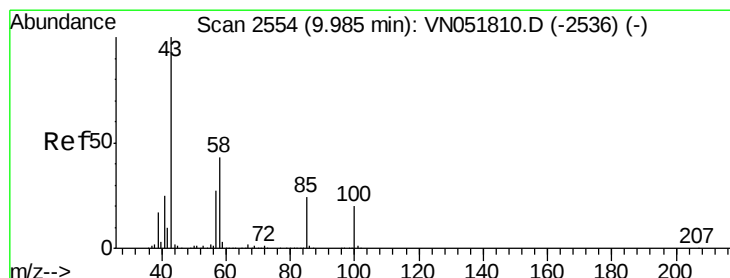
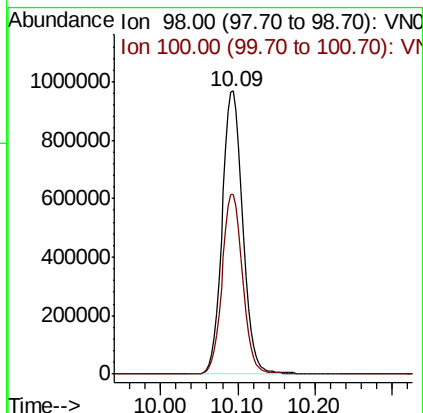
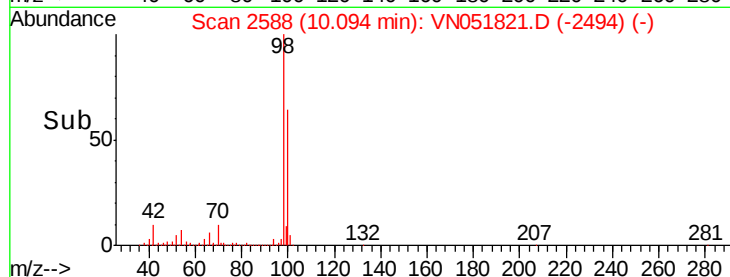
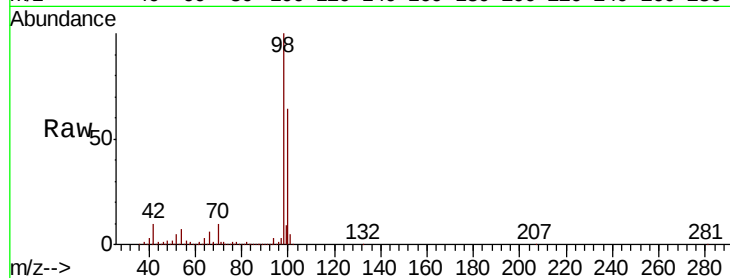
ClientSampled :

Tot Ion: 98 Resp: 1800395

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.942 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.10 min

Lab File: VN051821.D

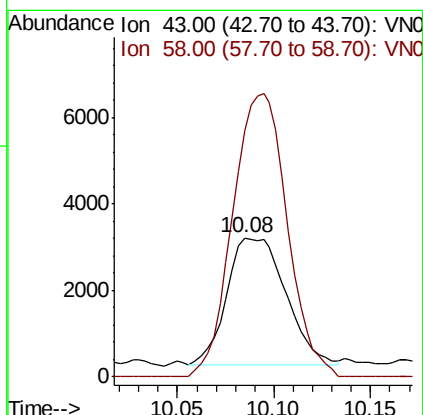
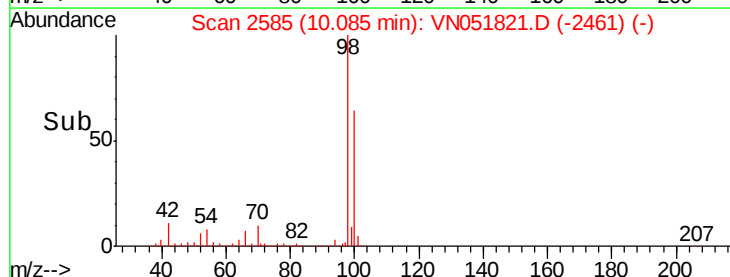
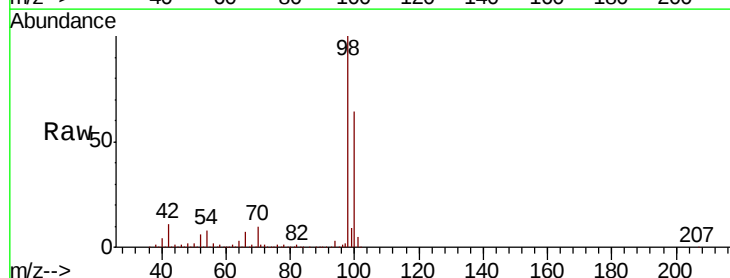
Acq: 11 Oct 2018 19:09

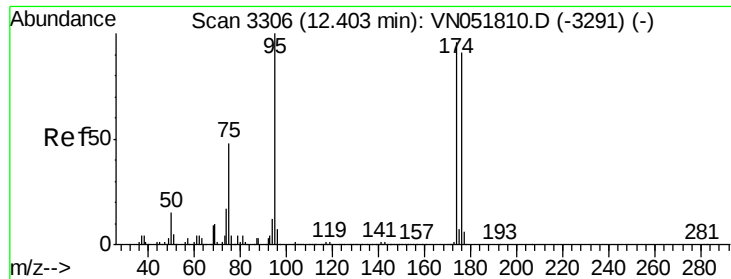
Tgt Ion: 43 Resp: 6165

Ion Ratio Lower Upper

43 100

58 208.1 32.4 48.6#

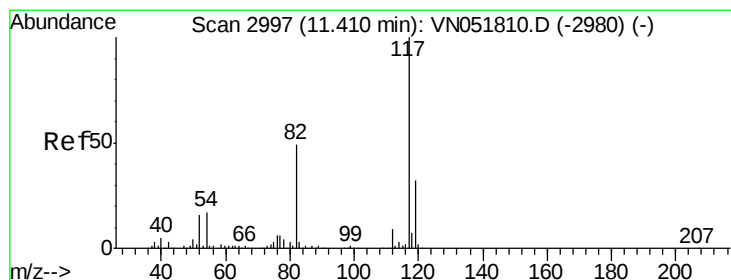
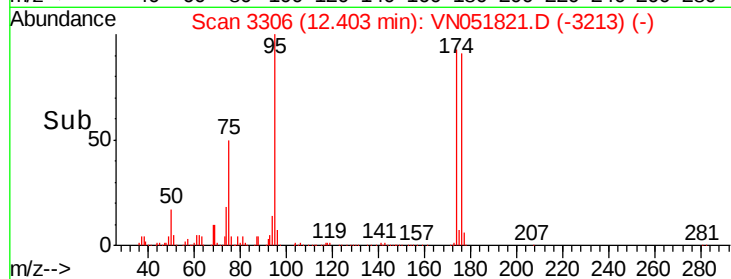
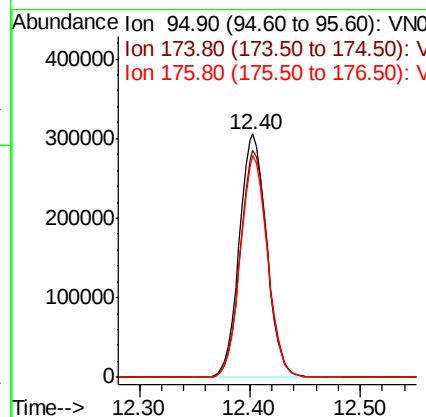
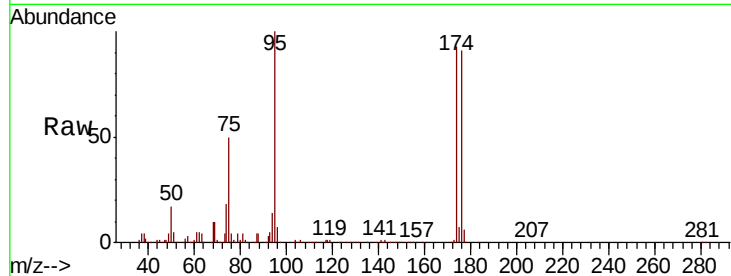




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN051821.D
Acq: 11 Oct 2018 19:09

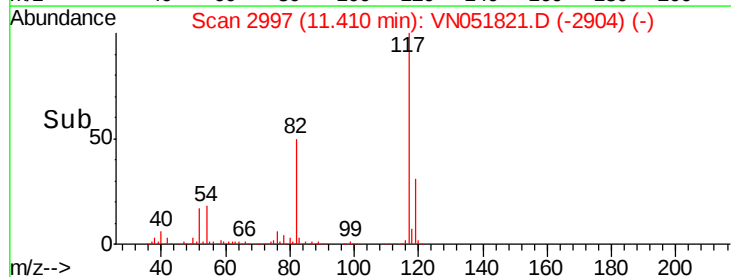
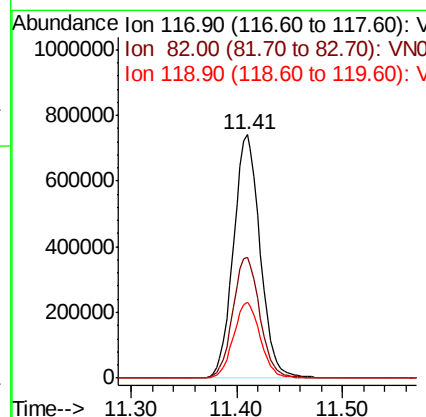
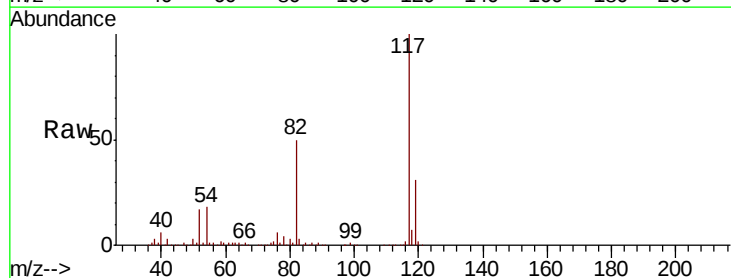
Instrument :
MSVOA_N
ClientSampleId :

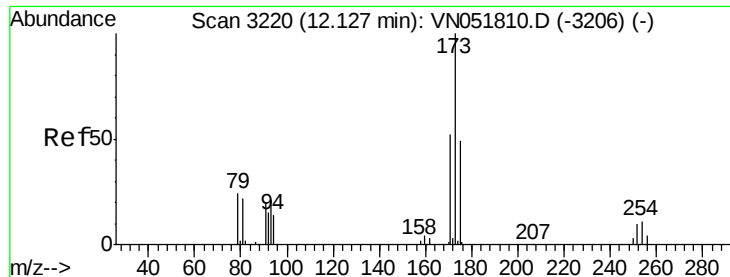
Tot Ion	95	Resp	522845
Ion Ratio	Lower	Upper	
95	100		
174	93.4	0.0	183.0
176	90.3	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN051821.D
Acq: 11 Oct 2018 19:09

Tgt Ion	117	Resp	1296243
Ion Ratio	Lower	Upper	
117	100		
82	49.6	42.6	64.0
119	31.2	25.8	38.6





#71

Bromoform

Concen: 4.015 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN051821.D

Acq: 11 Oct 2018 19:09

Instrument :

MSVOA_N

ClientSampleId :

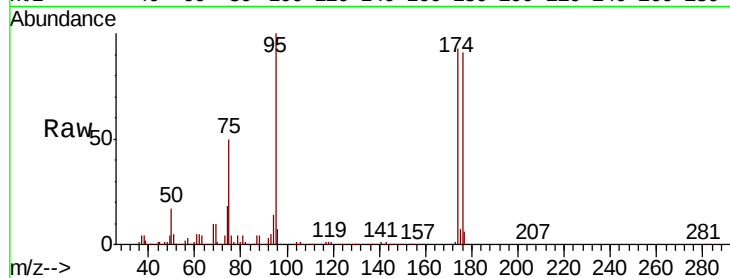
Tot Ion:173 Resp: 3697

Ion Ratio Lower Upper

173 100

175 838.8 24.4 73.4#

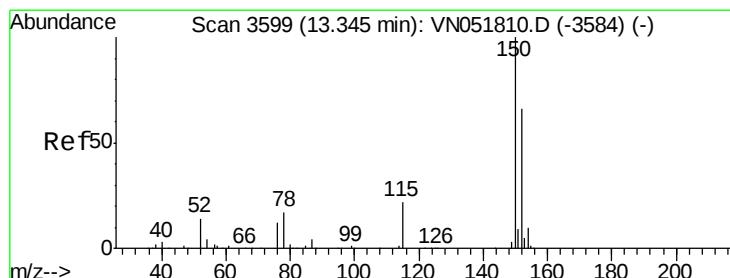
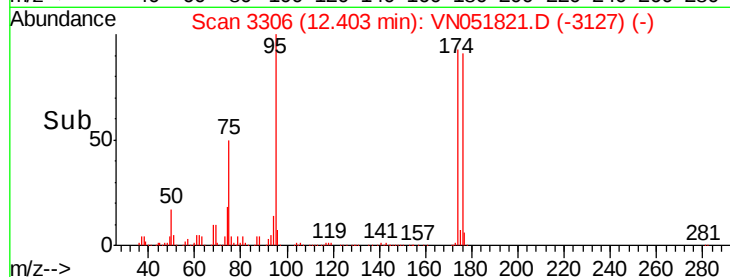
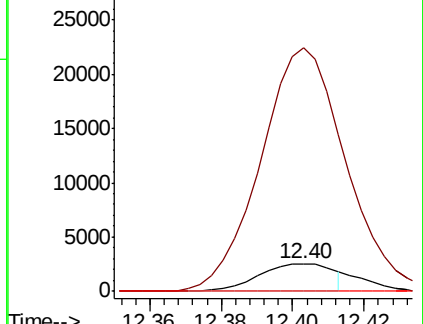
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN051821.D

Acq: 11 Oct 2018 19:09

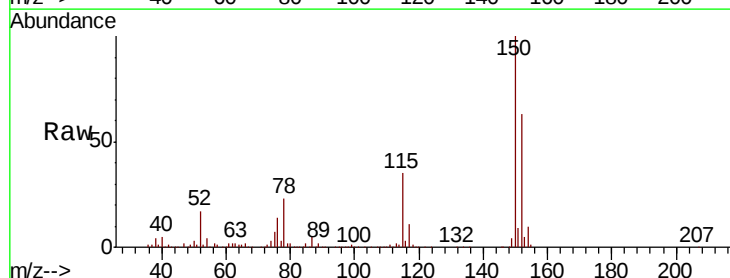
Tgt Ion:152 Resp: 460012

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.4

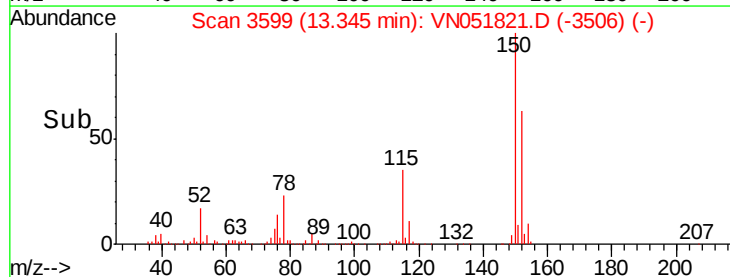
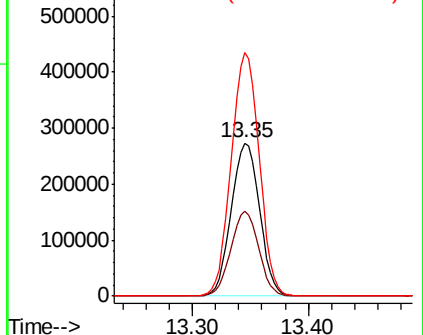
150 157.3 0.0 351.4

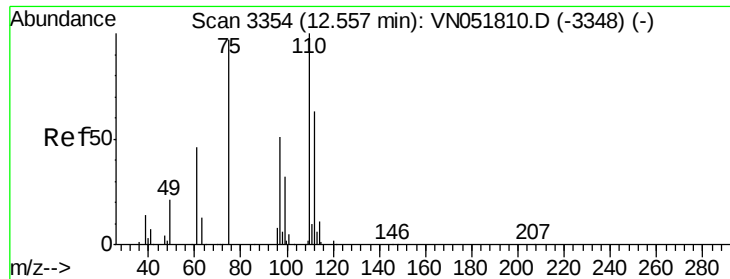


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 46.561 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051821.D

Acq: 11 Oct 2018 19:09

Instrument :

MSVOA_N

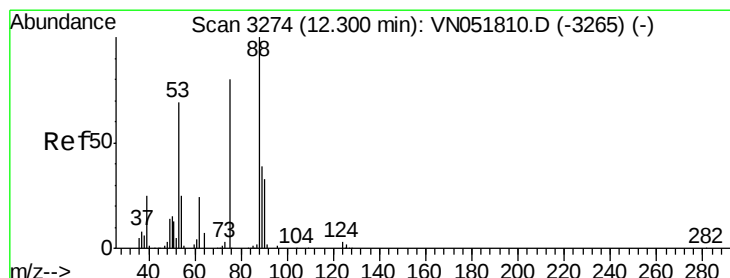
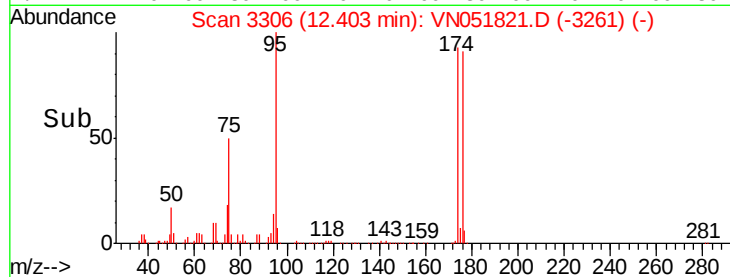
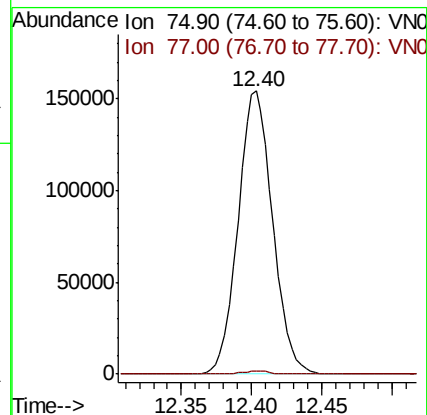
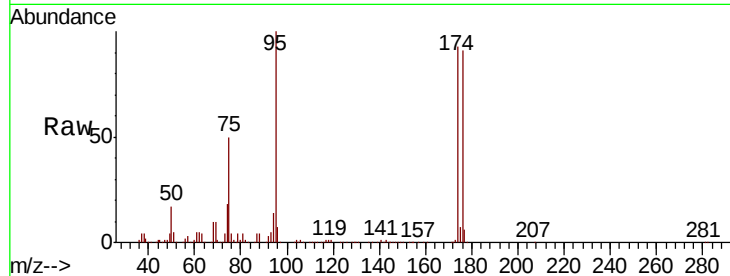
ClientSampleId :

Tot Ion: 75 Resp: 264435

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 132.375 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051821.D

Acq: 11 Oct 2018 19:09

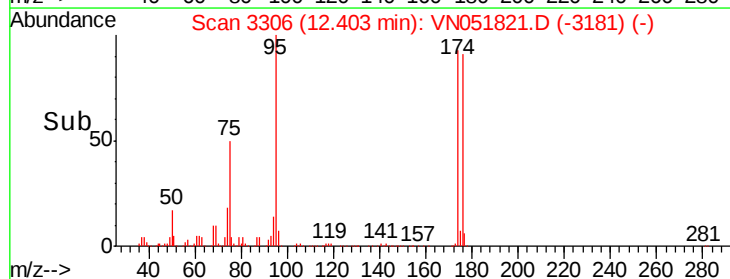
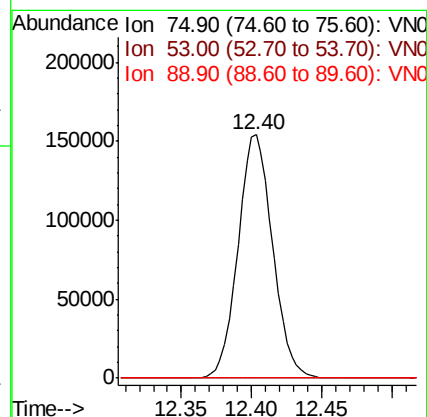
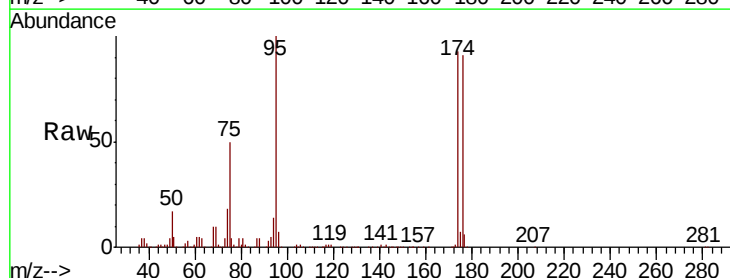
Tgt Ion: 75 Resp: 264435

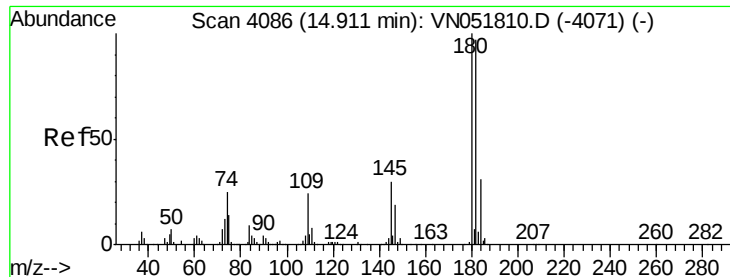
Ion Ratio Lower Upper

75 100

53 0.0 68.9 103.3#

89 0.0 36.1 54.1#

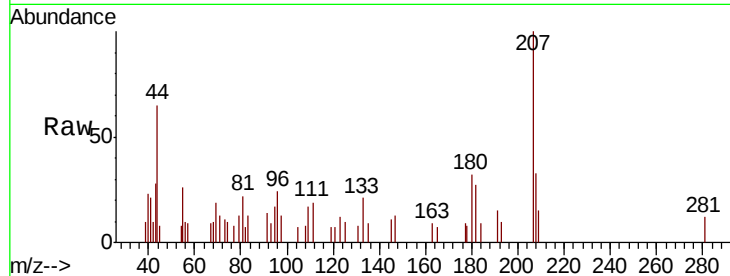




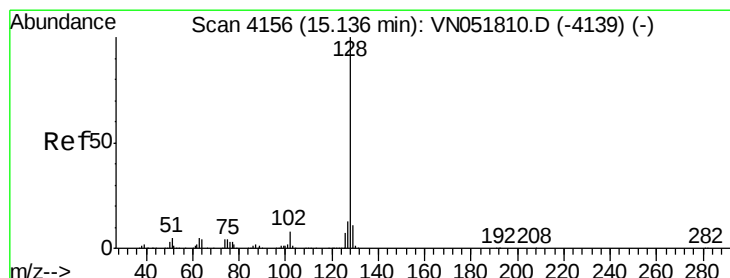
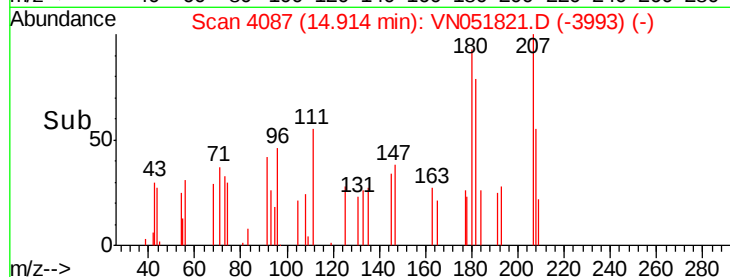
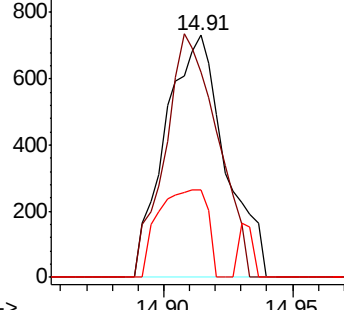
#93
 1,2,4-Trichlorobenzene
 Concen: 3.796 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN051821.D
 Acq: 11 Oct 2018 19:09

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 1182
 Ion Ratio Lower Upper
 180 100
 182 88.7 48.2 144.6
 145 29.9 14.1 42.2

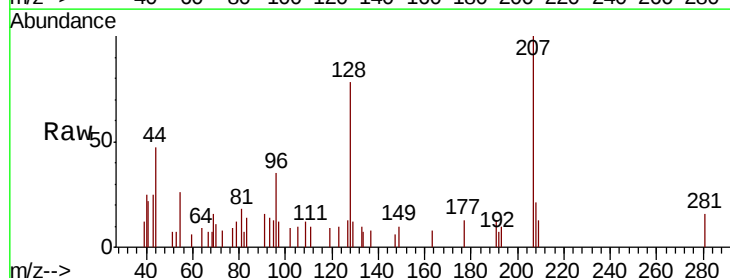


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

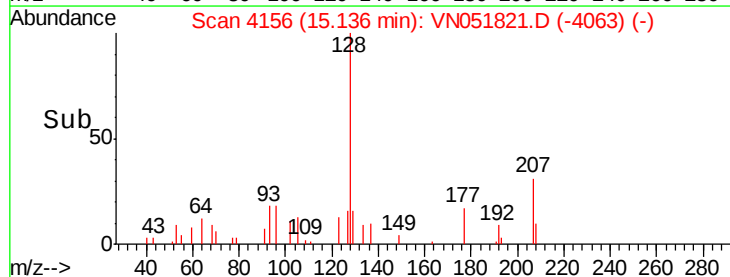
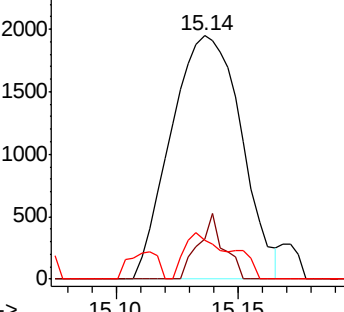


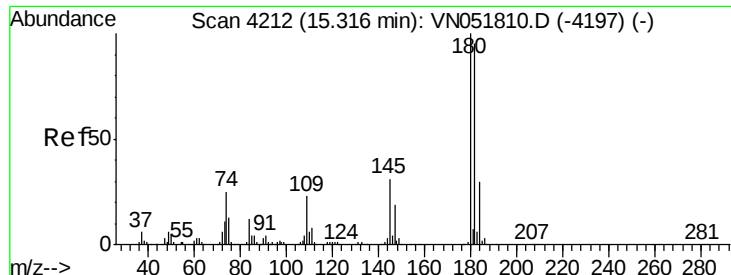
#95
 Naphthalene
 Concen: 4.606 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN051821.D
 Acq: 11 Oct 2018 19:09

Tgt Ion:128 Resp: 3901
 Ion Ratio Lower Upper
 128 100
 127 9.5 10.5 15.7#
 129 12.5 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





#96
 1,2,3-Trichlorobenzene
 Concen: 3.016 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN051821.D
 Acq: 11 Oct 2018 19:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.8	48.0	144.2
145	30.9	15.2	45.6

