

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021820\
 Data File : VN060133.D
 Acq On : 18 Feb 2020 10:37
 Operator : JC/MD
 Sample : VN0218MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218MBL01

Quant Time: Feb 18 10:57:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

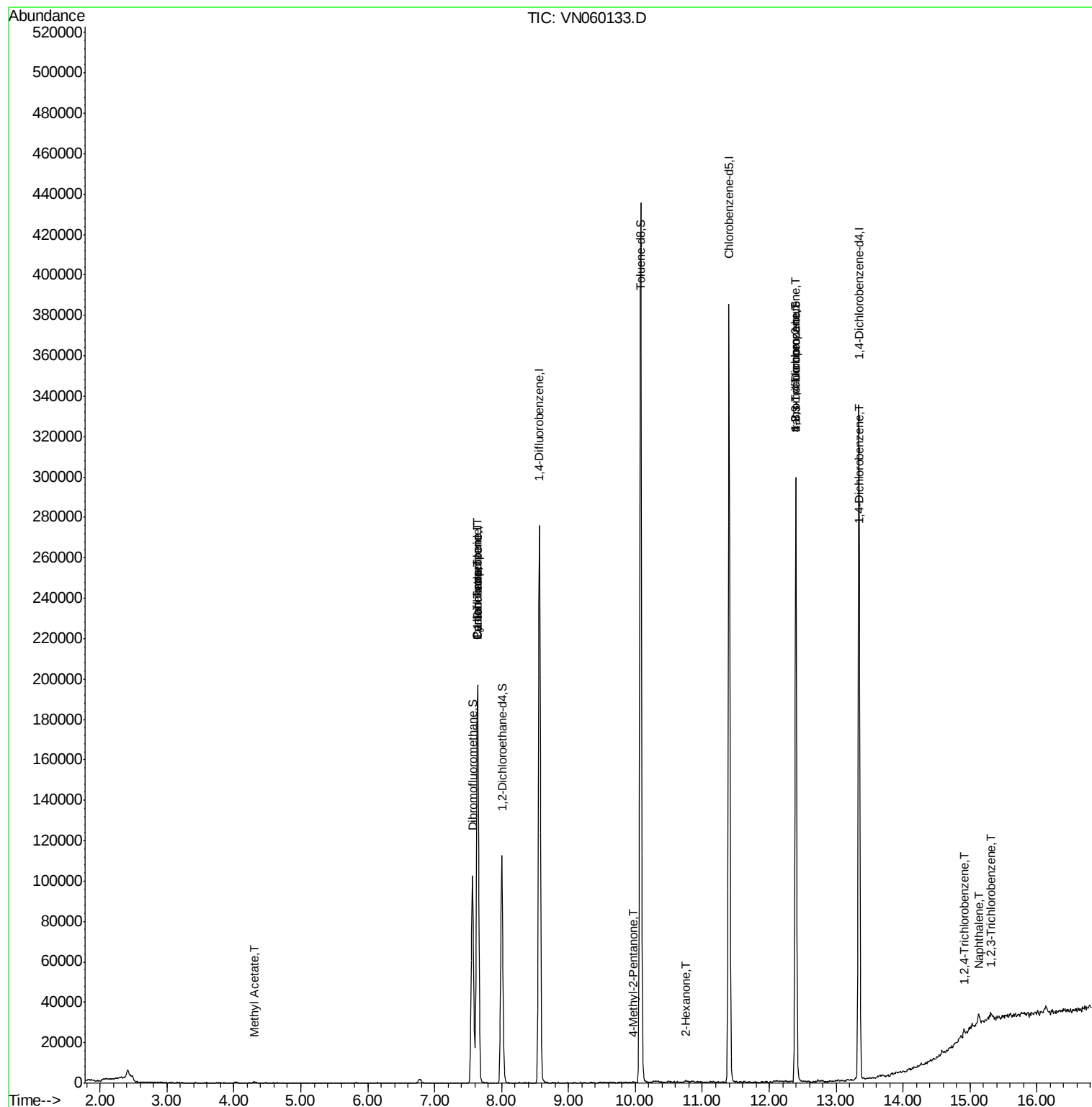
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	164207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	257003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	228564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	90293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	95162	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
35) Dibromofluoromethane	7.57	113	77369	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.08	98	306152	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.40	95	100485	43.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.92%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.30	43	1331	0.813	ug/l #	50
31) Cyclohexane	7.64	56	3187	1.128	ug/l #	12
36) 1,1-Dichloropropene	7.64	75	11970	5.028	ug/l #	49
38) Carbon Tetrachloride	7.64	117	15628	6.045	ug/l #	15
51) 4-Methyl-2-Pentanone	9.97	43	762	0.358	ug/l #	35
59) 2-Hexanone	10.75	43	1189	0.723	ug/l #	43
76) 1,2,3-Trichloropropane	12.40	75	51296	29.694	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	51296	72.705	ug/l #	12
88) 1,4-Dichlorobenzene	13.36	146	666	0.225	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.28	75	62	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	924	0.543	ug/l #	82
95) Naphthalene	15.13	128	4593	0.998	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	1571	0.926	ug/l	89

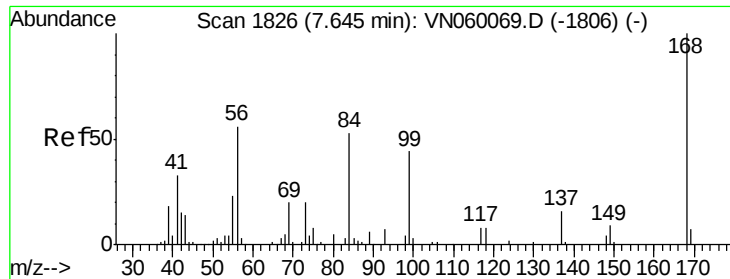
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021820\
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Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060133.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_N

ClientSampleId :

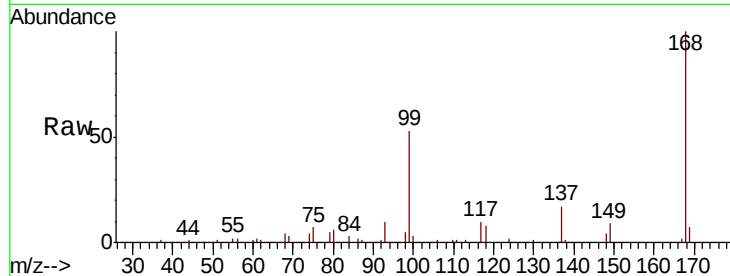
VN0218MBL01

Tot Ion:168 Resp: 164207

Ion Ratio Lower Upper

168 100

99 52.6 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): VN060069.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN060069.D (-1806) (-)

7.64

60000

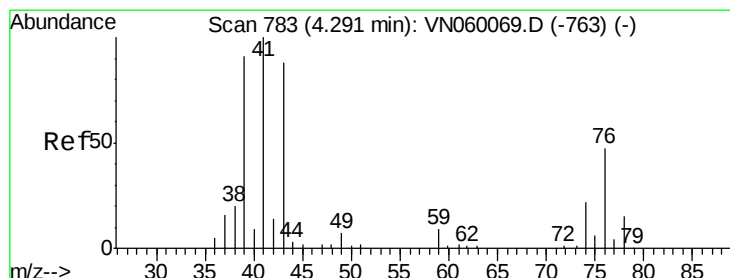
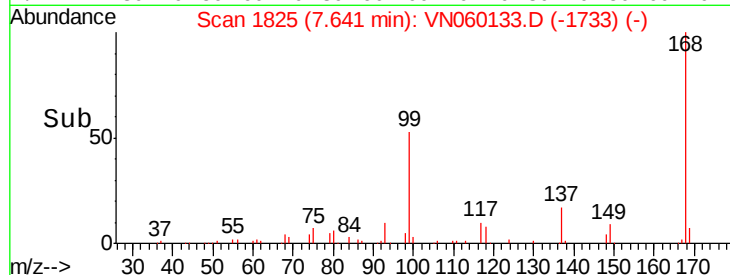
40000

20000

0

7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 0.813 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.01 min

Lab File: VN060133.D

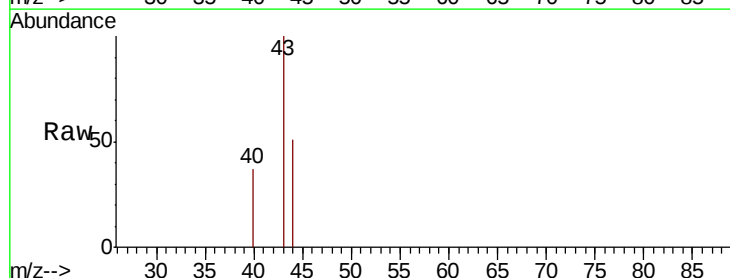
Acq: 18 Feb 2020 10:37

Tgt Ion: 43 Resp: 1331

Ion Ratio Lower Upper

43 100

74 0.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-763) (-)

Ion 74.00 (73.70 to 74.70): VN060069.D (-763) (-)

4.30

500

400

300

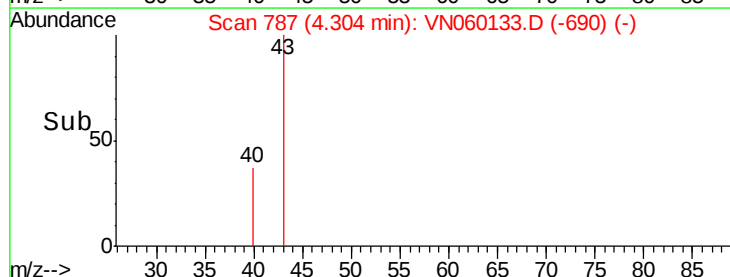
200

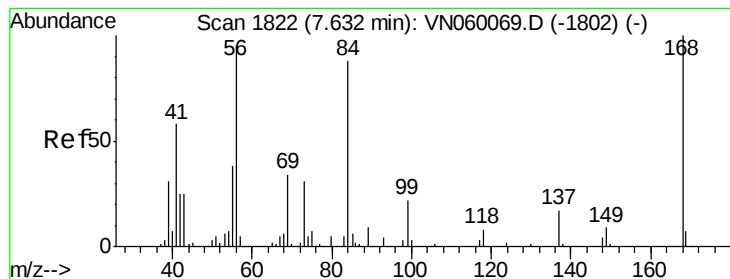
100

0

4.25 4.30 4.35

Time-->





#31

Cyclohexane

Concen: 1.128 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN060133.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0218MBL01

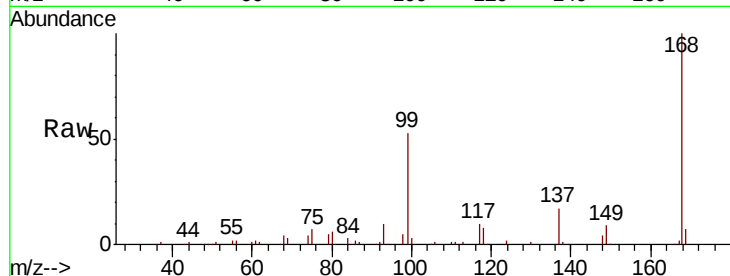
Tot Ion: 56 Resp: 3187

Ion Ratio Lower Upper

56 100

69 154.1 28.3 42.5#

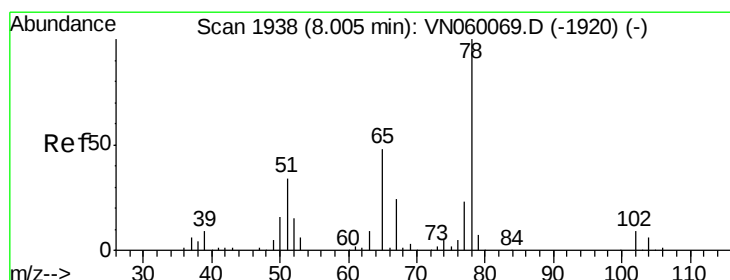
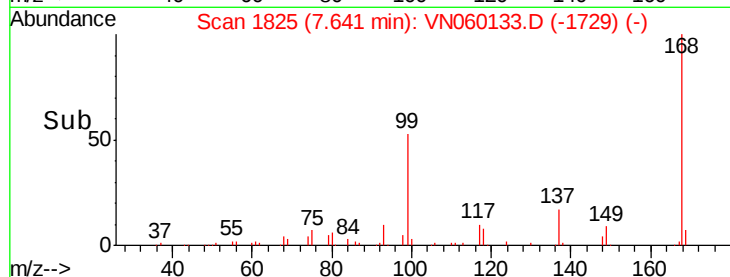
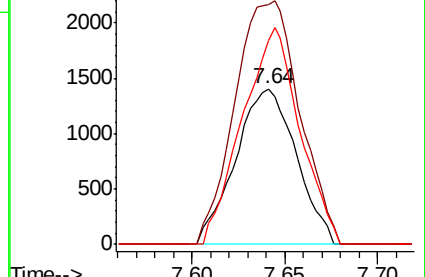
84 131.7 72.6 108.8#



Abundance Ion 56.00 (55.70 to 56.70): VN060069.D (-1802) (-)

Ion 69.00 (68.70 to 69.70): VN060069.D (-1802) (-)

Ion 84.00 (83.70 to 84.70): VN060069.D (-1802) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.626 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060133.D

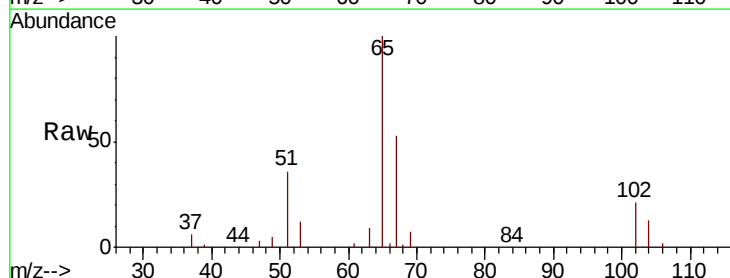
Acq: 18 Feb 2020 10:37

Tgt Ion: 65 Resp: 95162

Ion Ratio Lower Upper

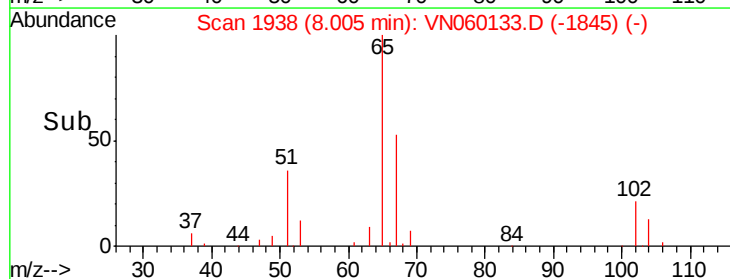
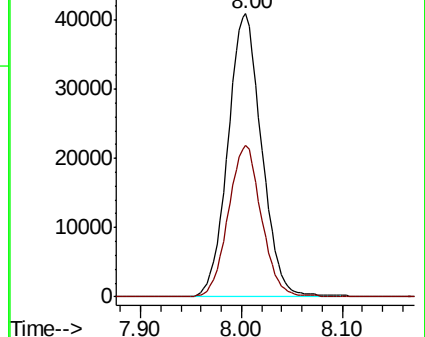
65 100

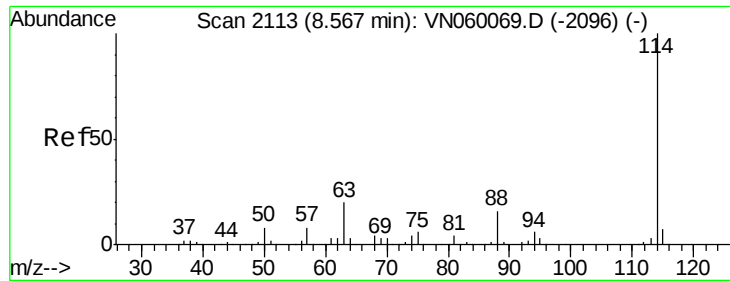
67 52.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN060069.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060069.D (-1920) (-)

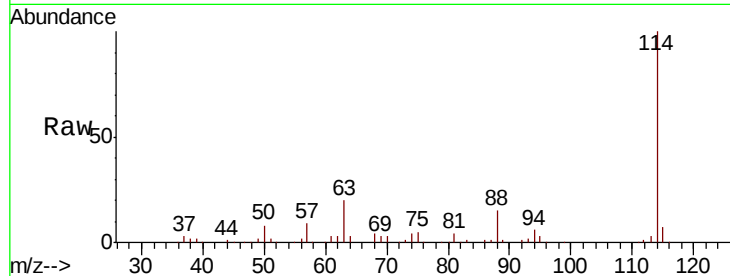




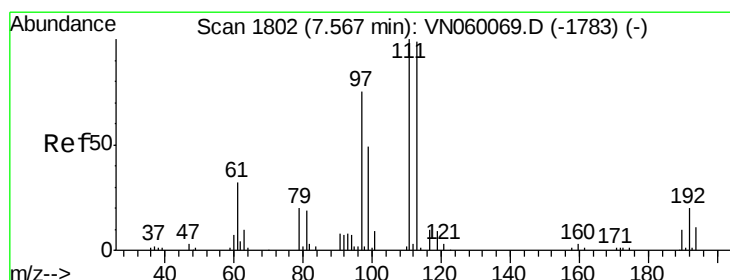
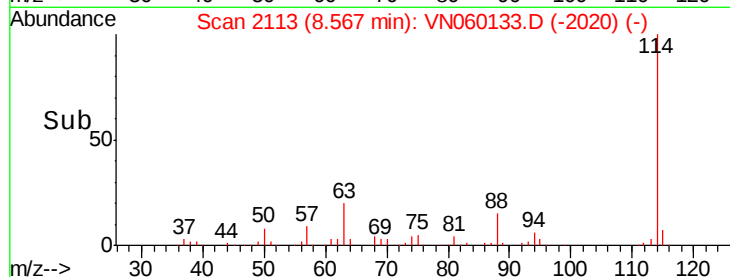
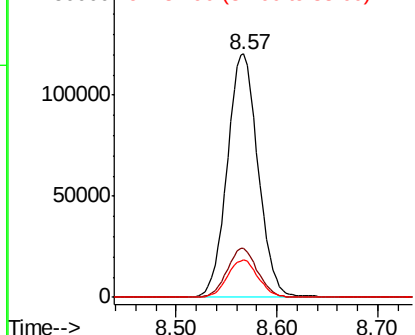
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060133.D
Acq: 18 Feb 2020 10:37

Instrument :
MSVOA_N
ClientSampleId :
VN0218MBL01

Tot Ion:114 Resp: 257003
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.0
88 15.4 0.0 31.6

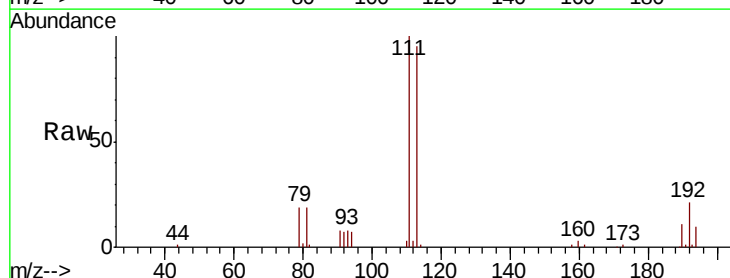


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

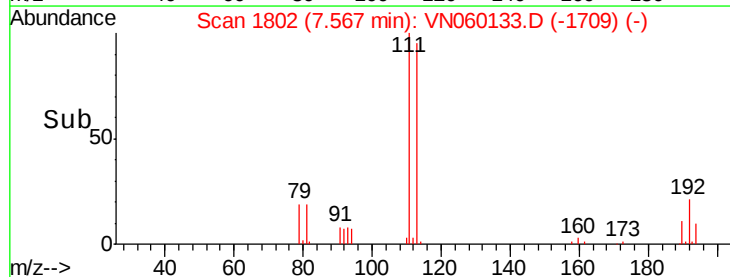
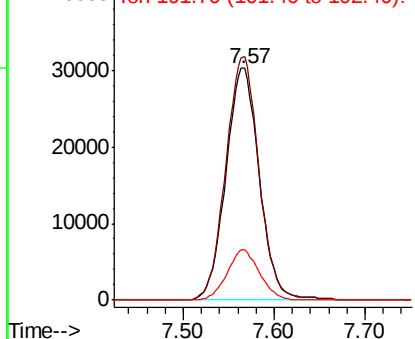


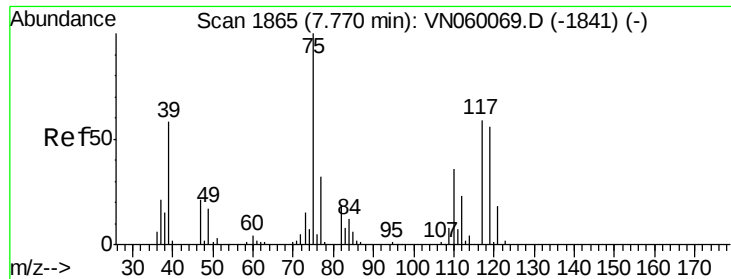
#35
Dibromofluoromethane
Concen: 48.974 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060133.D
Acq: 18 Feb 2020 10:37

Tgt Ion:113 Resp: 77369
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.2
192 21.0 16.2 24.2



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

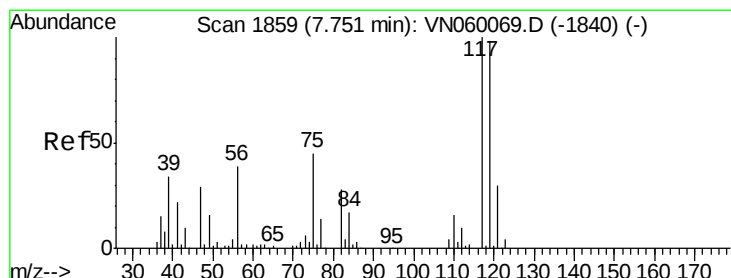
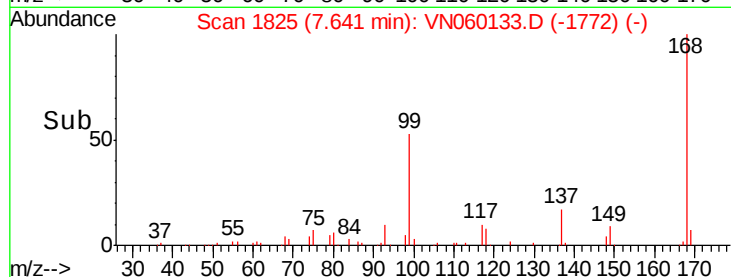
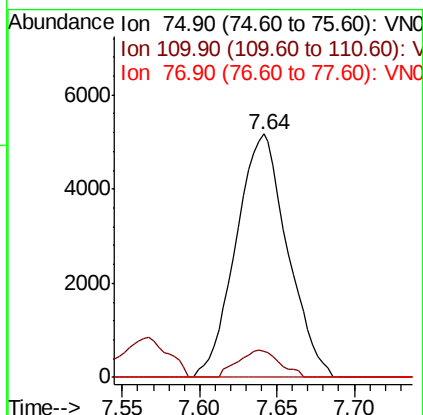
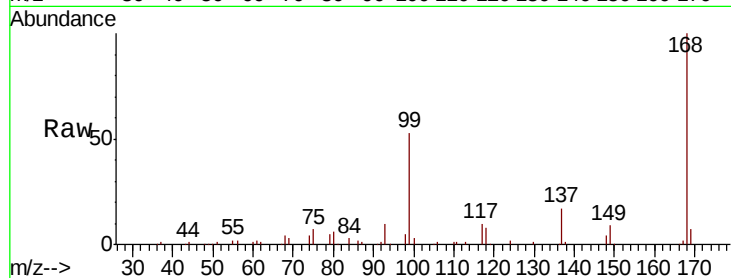




#36
 1,1-Dichloropropene
 Concen: 5.028 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060133.D
 Acq: 18 Feb 2020 10:37

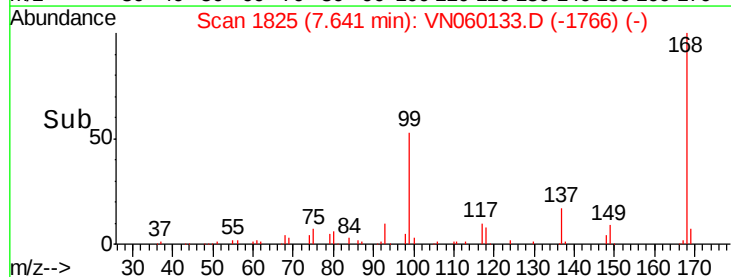
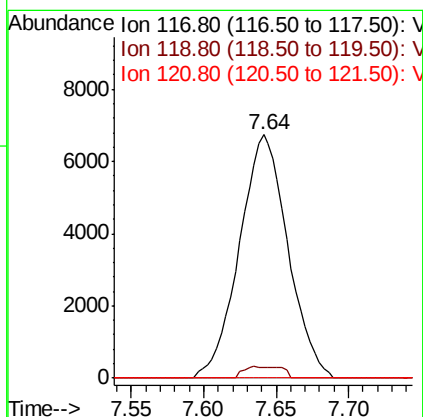
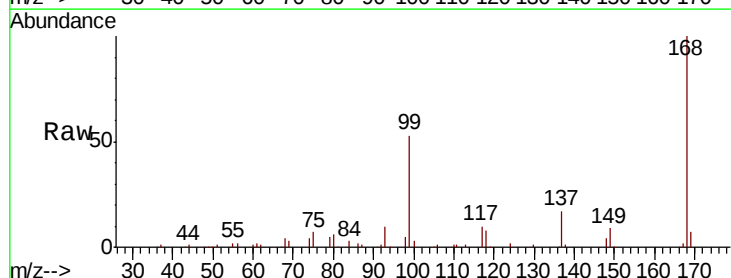
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218MBL01

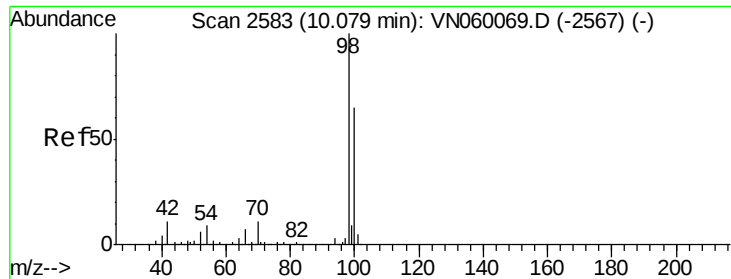
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.3#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.045 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN060133.D
 Acq: 18 Feb 2020 10:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	78.2	117.4#
121	0.0	24.2	36.2#

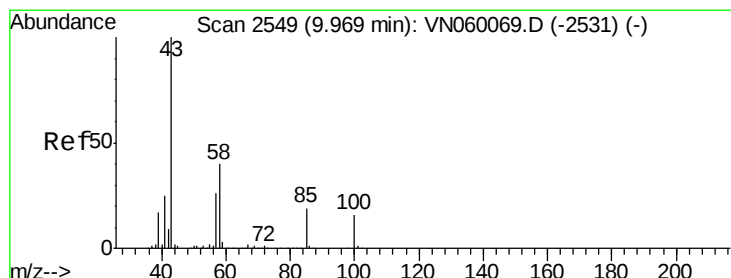
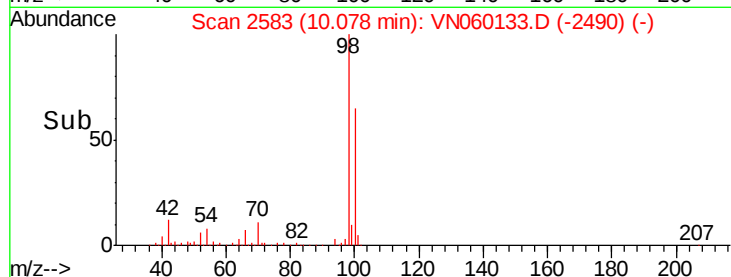
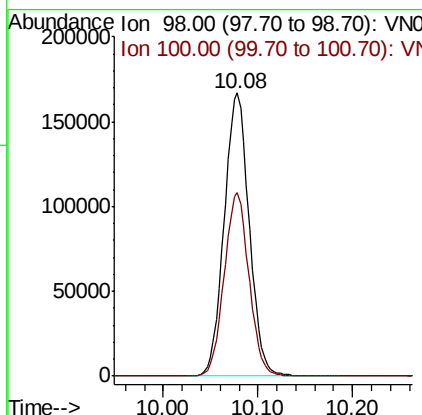
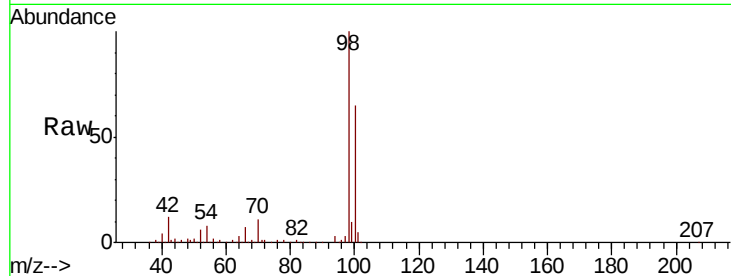




#50
Toluene-d8
Concen: 49.211 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060133.D
Acq: 18 Feb 2020 10:37

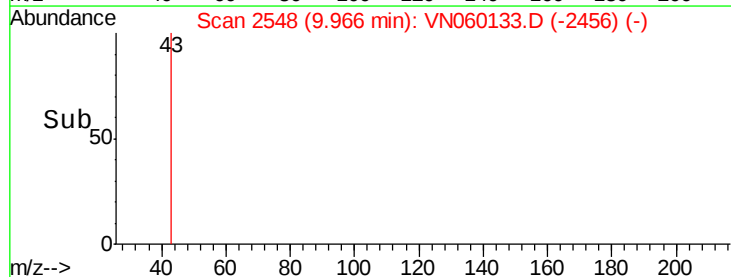
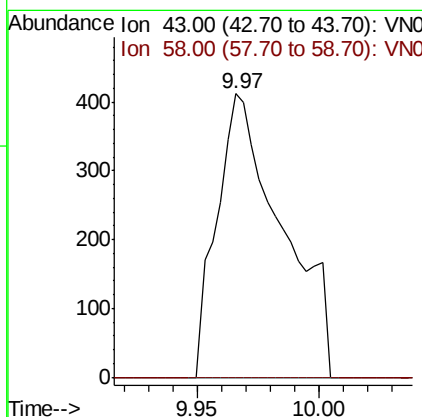
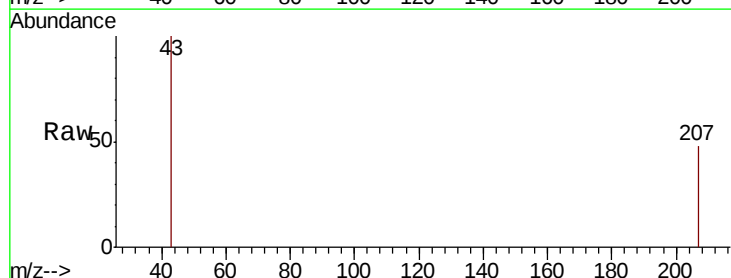
Instrument :
MSVOA_N
ClientSampleId :
VN0218MBL01

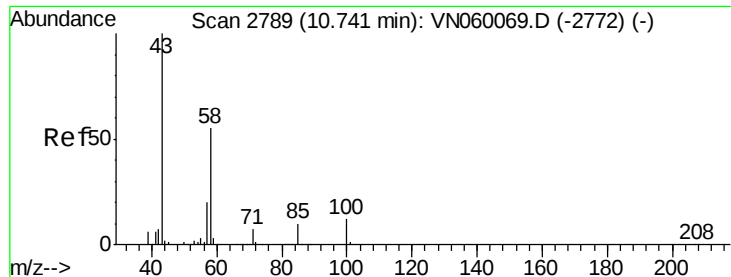
Tot Ion: 98 Resp: 306152
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.358 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060133.D
Acq: 18 Feb 2020 10:37

Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
58 0.0 31.8 47.8#

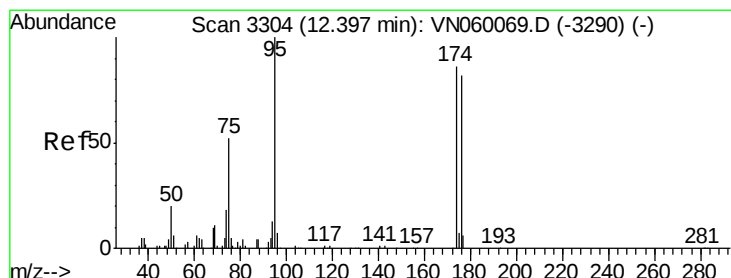
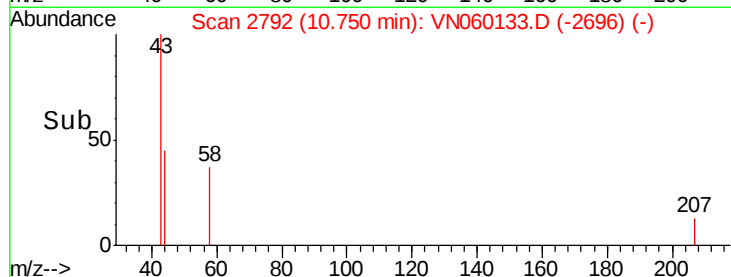
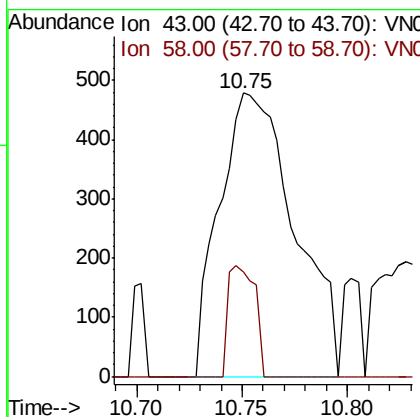
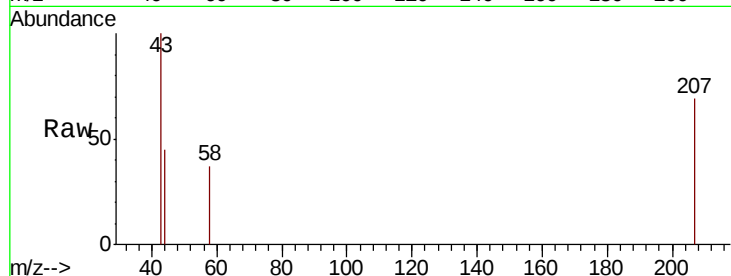




#59
2-Hexanone
Concen: 0.723 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.01 min
Lab File: VN060133.D
Acq: 18 Feb 2020 10:37

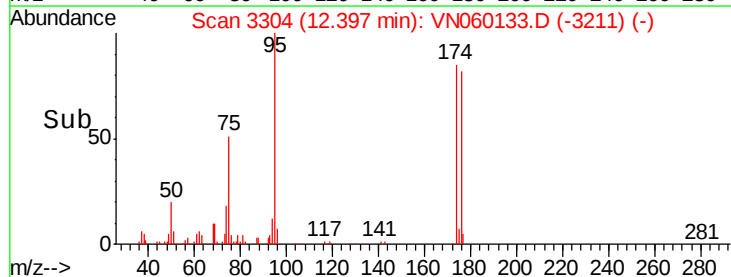
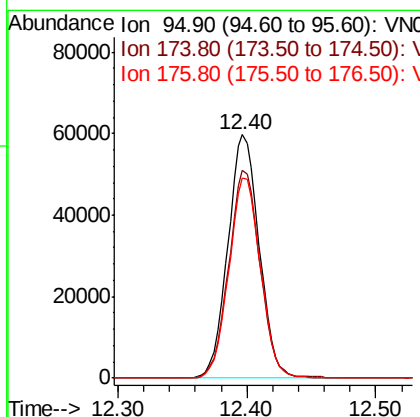
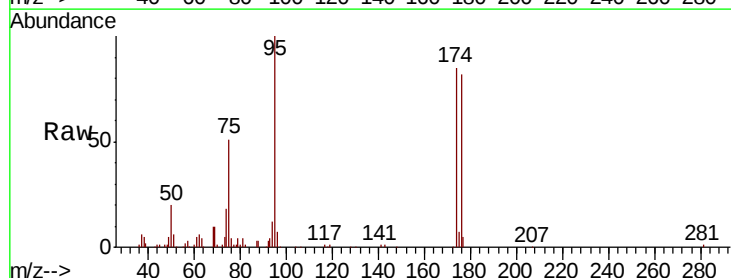
Instrument :
MSVOA_N
ClientSampled :
VN0218MBL01

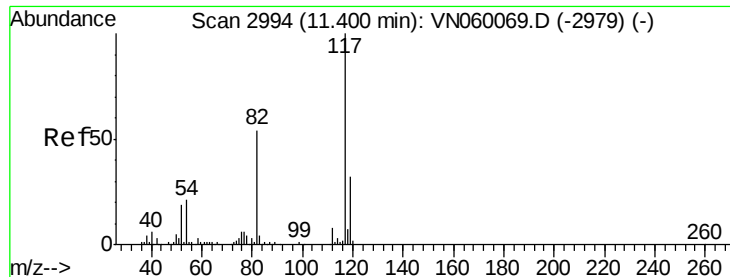
Tot Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
58 13.9 27.5 82.4#



#62
4-Bromofluorobenzene
Concen: 43.957 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060133.D
Acq: 18 Feb 2020 10:37

Tgt Ion: 95 Resp: 100485
Ion Ratio Lower Upper
95 100
174 85.5 0.0 169.8
176 82.9 0.0 164.8

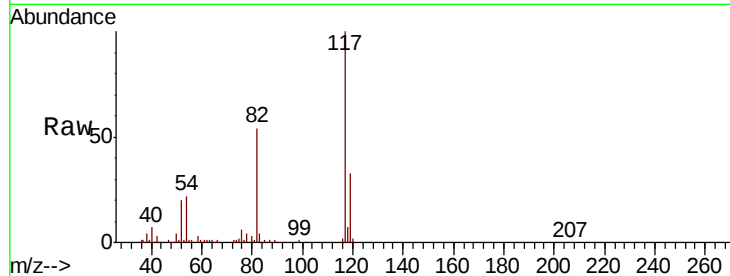




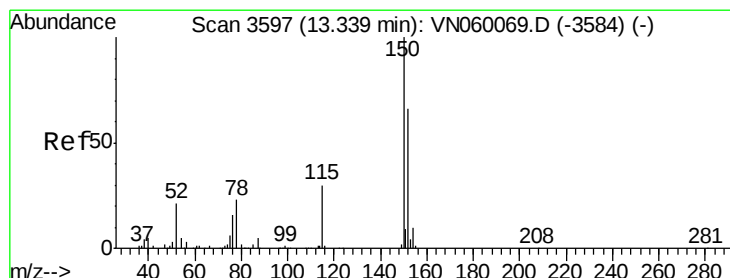
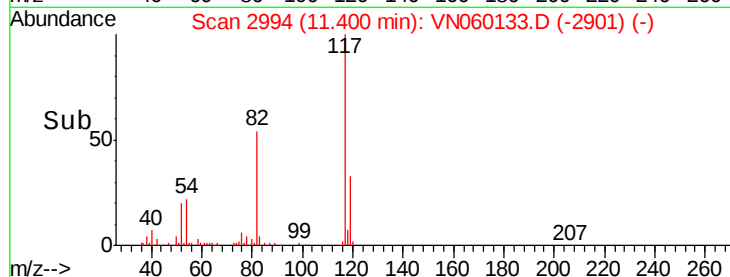
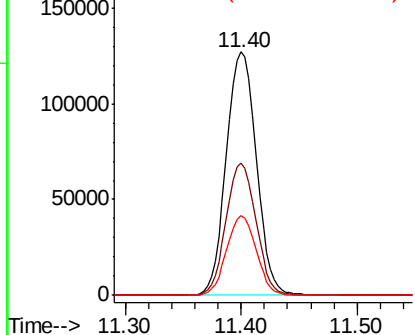
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060133.D
Acq: 18 Feb 2020 10:37

Instrument :
MSVOA_N
ClientSampleId :
VN0218MBL01

Tot Ion:117 Resp: 228564
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.8 25.8 38.6

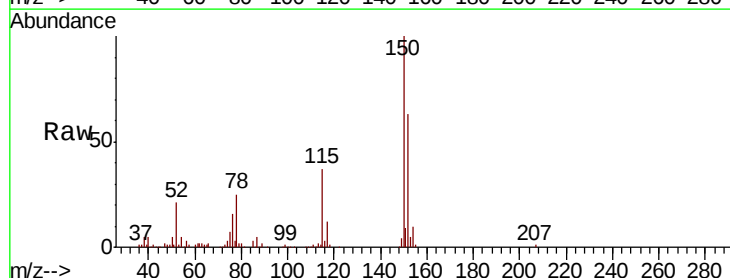


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

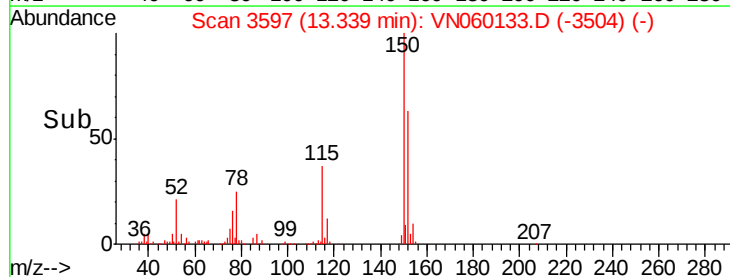
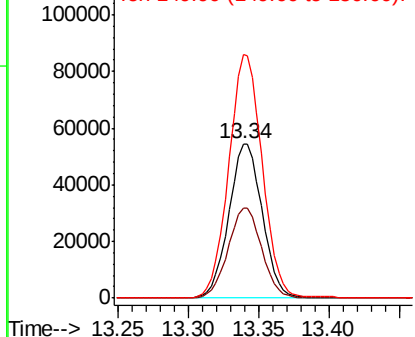


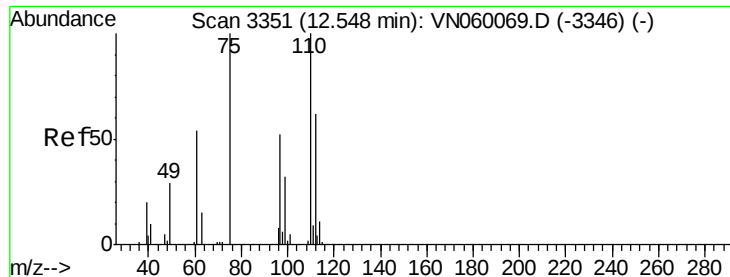
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060133.D
Acq: 18 Feb 2020 10:37

Tgt Ion:152 Resp: 90293
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 157.8 0.0 342.4



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: 29.694 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060133.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_N

ClientSampleId :

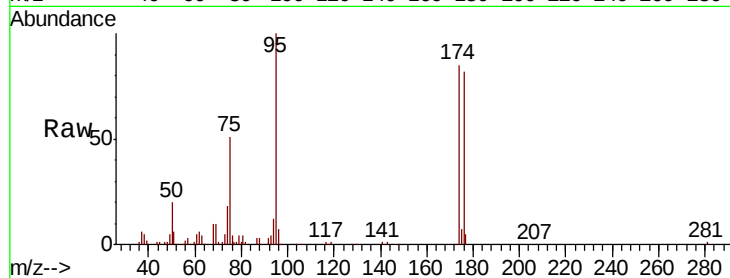
VN0218MBL01

Tot Ion: 75 Resp: 51296

Ion Ratio Lower Upper

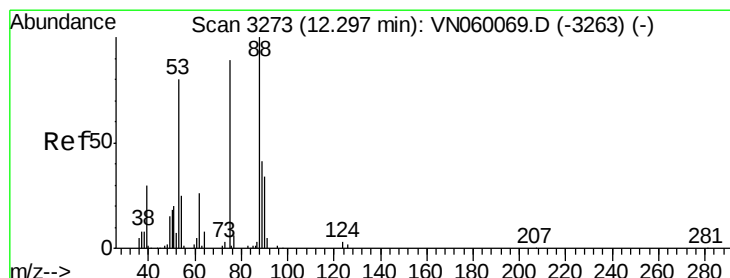
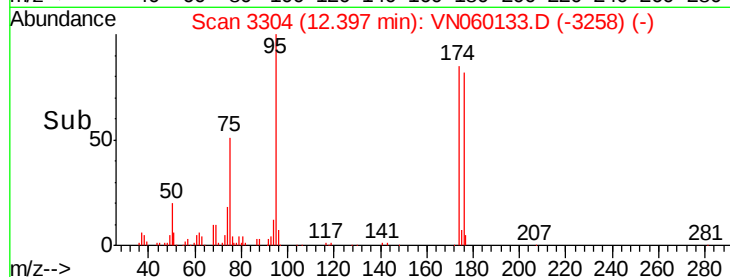
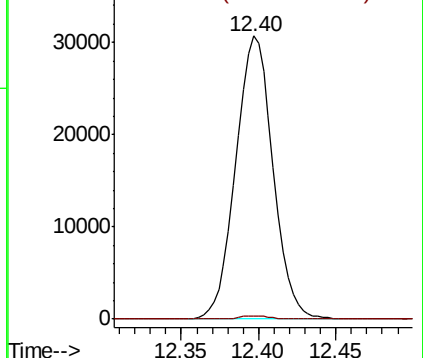
75 100

77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 72.705 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060133.D

Acq: 18 Feb 2020 10:37

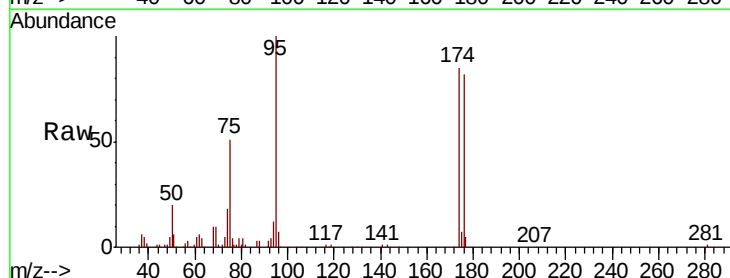
Tgt Ion: 75 Resp: 51296

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

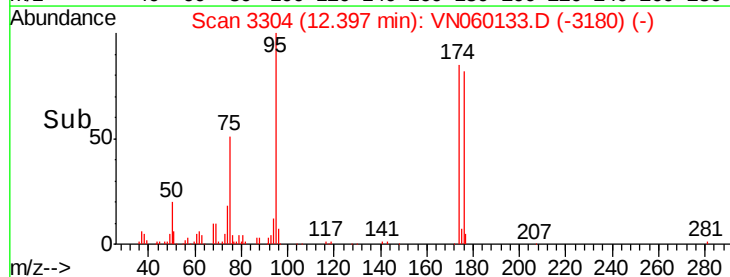
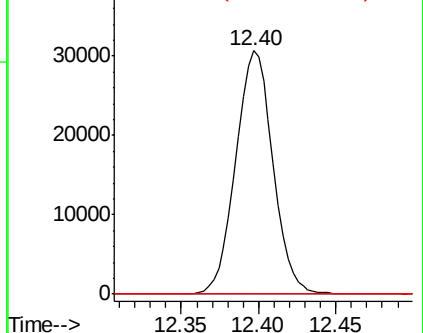
89 0.0 37.0 55.4#

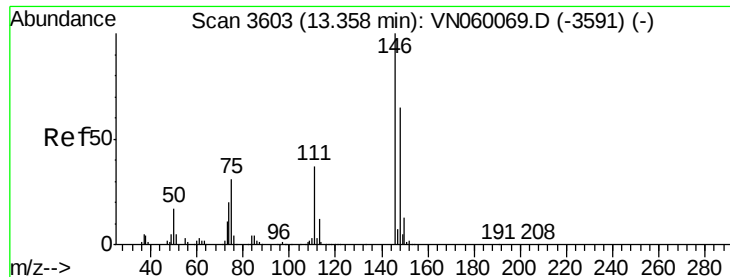


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#88

1,4-Dichlorobenzene

Concen: 0.225 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN060133.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_N

ClientSampled :

VN0218MBL01

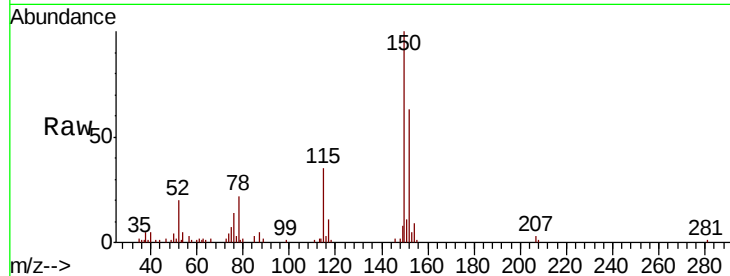
Tot Ion:146 Resp: 666

Ion Ratio Lower Upper

146 100

111 206.8 18.9 56.5#

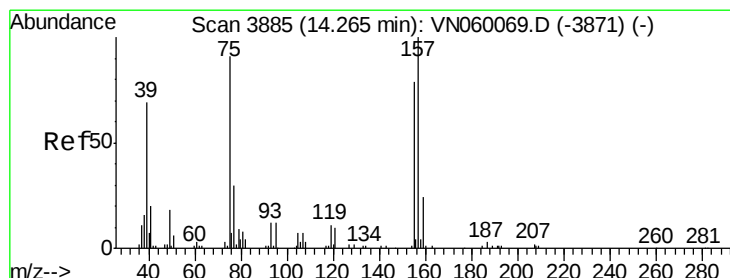
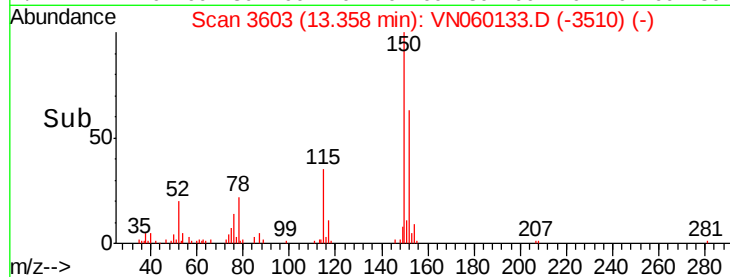
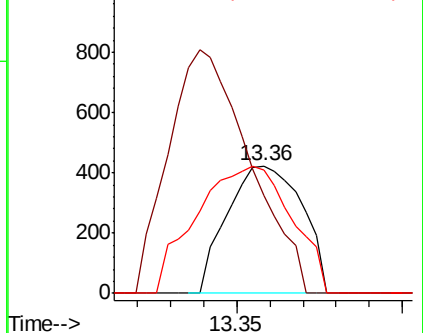
148 126.9 32.0 96.0#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.28 min Scan# 3891

Delta R.T. 0.02 min

Lab File: VN060133.D

Acq: 18 Feb 2020 10:37

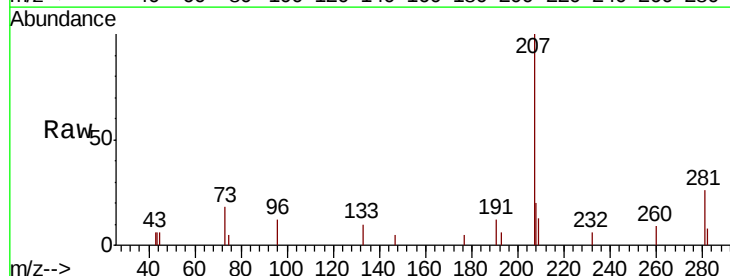
Tgt Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.0#

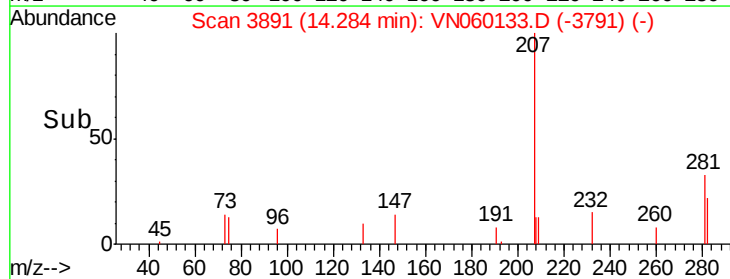
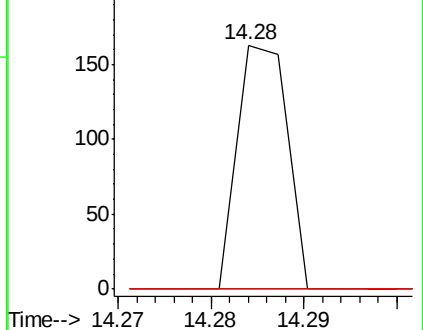
157 0.0 54.9 164.5#

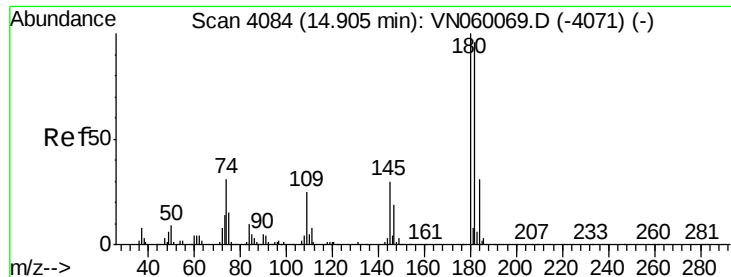


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 0.543 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN060133.D

Acq: 18 Feb 2020 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0218MBL01

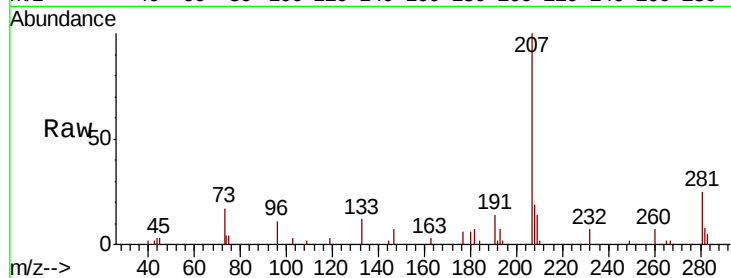
Tot Ion:180 Resp: 924

Ion Ratio Lower Upper

180 100

182 108.7 47.9 143.8

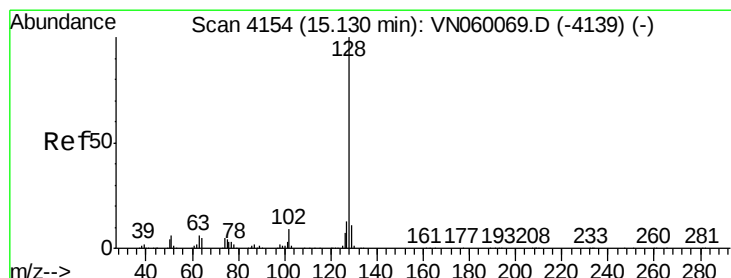
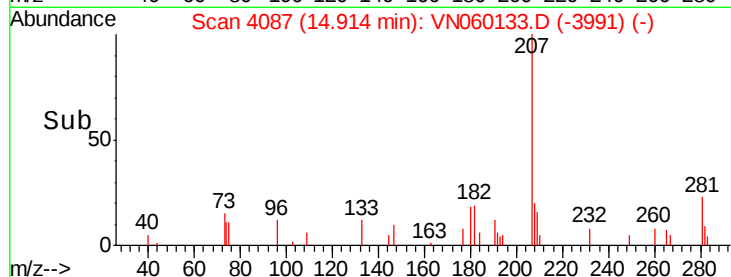
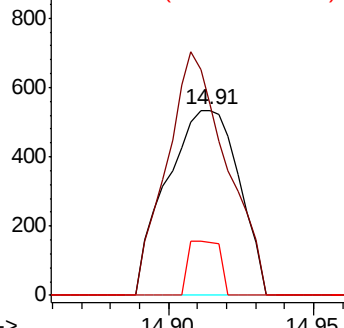
145 12.9 15.2 45.5#



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: 0.998 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN060133.D

Acq: 18 Feb 2020 10:37

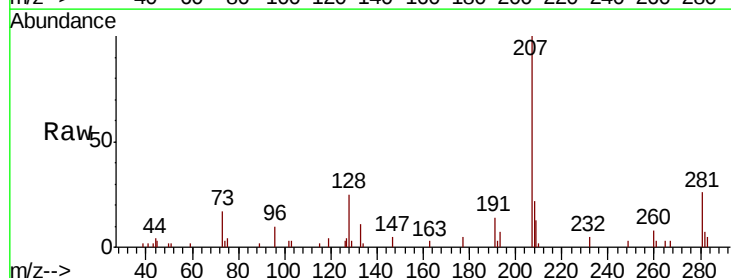
Tgt Ion:128 Resp: 4593

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

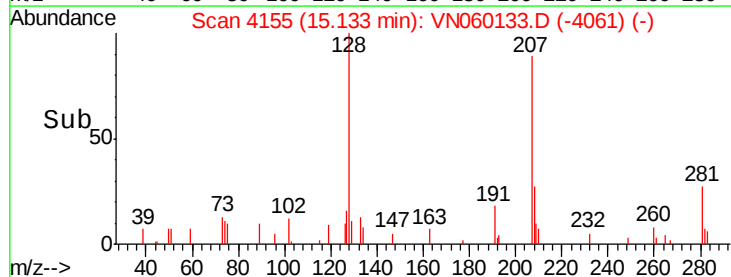
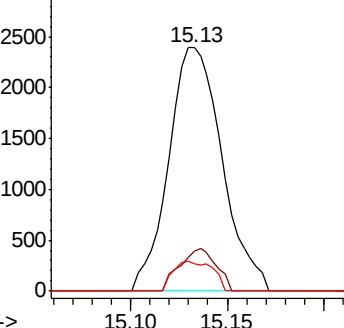
129 8.9 8.6 13.0

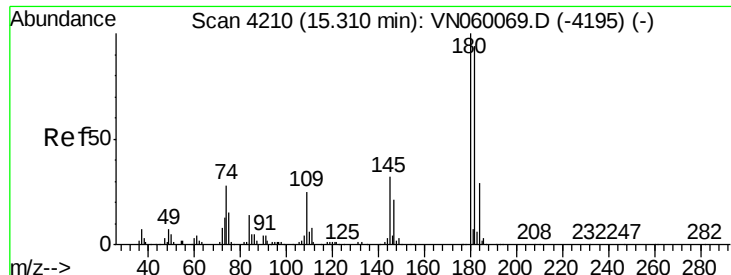


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

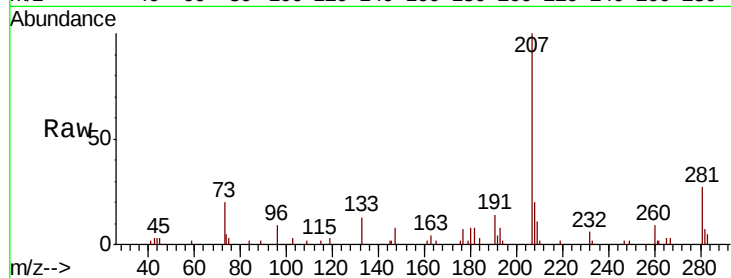




#96
 1,2,3-Trichlorobenzene
 Concen: 0.926 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN060133.D
 Acq: 18 Feb 2020 10:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218MBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	86.8	47.5	142.5
145	22.7	16.1	48.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

