

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011420\
 Data File : VN059697.D
 Acq On : 14 Jan 2020 10:33
 Operator : JC/MD
 Sample : VN0114WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBL01

Quant Time: Jan 14 22:15:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	285048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	240125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	100385	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	98277	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.46%		
35) Dibromofluoromethane	7.57	113	85809	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.96%		
50) Toluene-d8	10.08	98	319595	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.06%		
62) 4-Bromofluorobenzene	12.40	95	108727	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.58%		

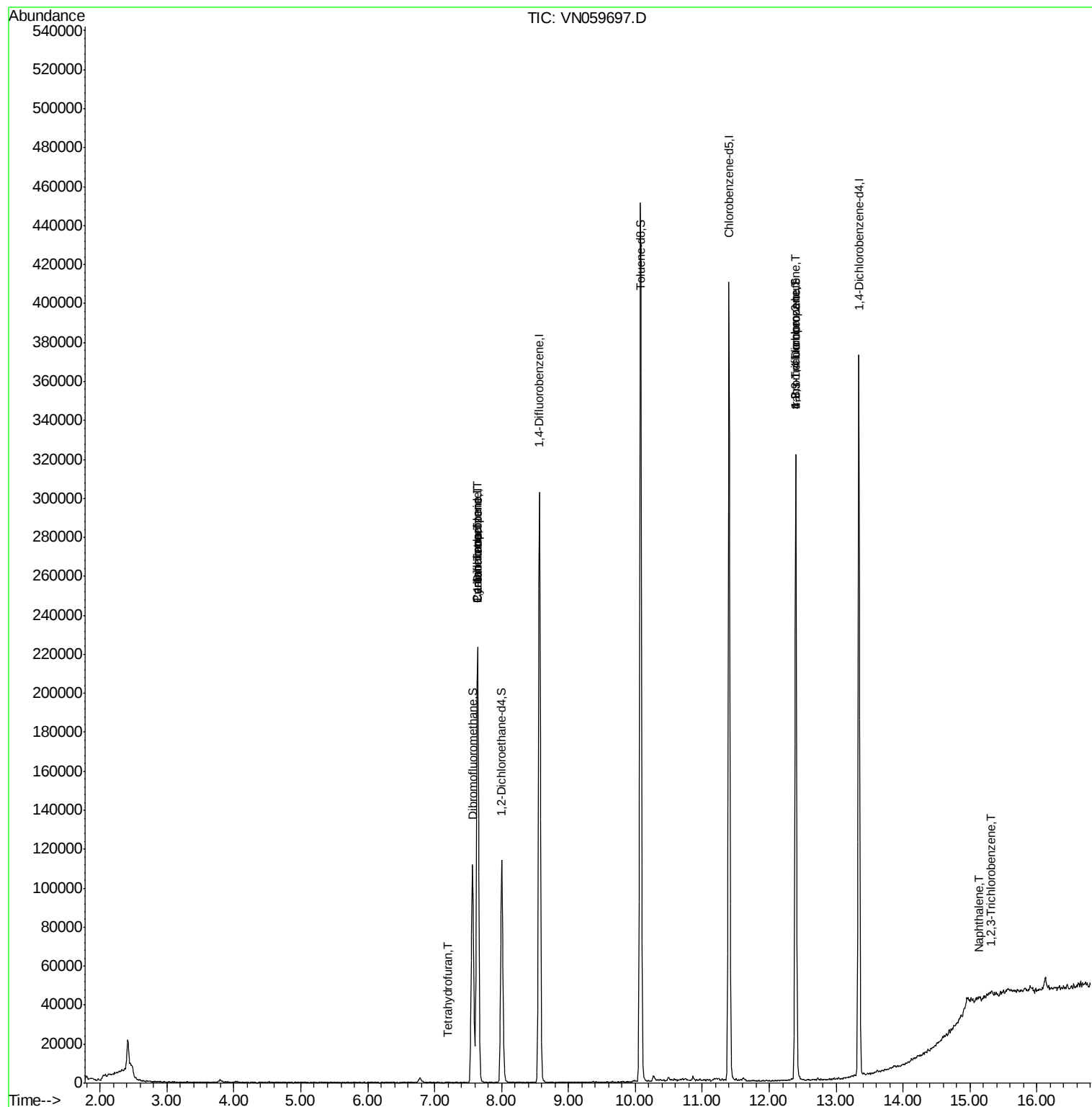
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	2579	Below Cal	#	87
20) Methylene Chloride	4.52	84	167	Below Cal	#	4
29) Tetrahydrofuran	7.20	42	233	0.313	ug/l #	35
31) Cyclohexane	7.64	56	3634	1.155	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	12930	5.209	ug/l #	50
38) Carbon Tetrachloride	7.64	117	18069	6.692	ug/l #	15
76) 1,2,3-Trichloropropane	12.40	75	54079	32.011	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	54079	68.744	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.27	75	257	Below Cal	#	6
95) Naphthalene	15.13	128	1181	0.216	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	401	0.214	ug/l #	36

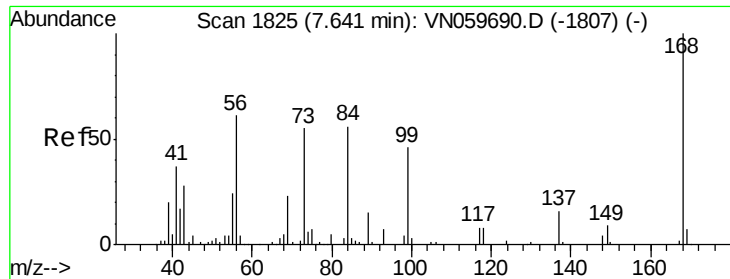
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059697.D

Acq: 14 Jan 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

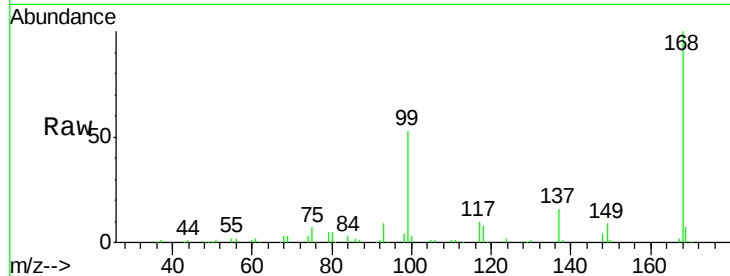
VN0114WBL01

Tgt Ion:168 Resp: 191436

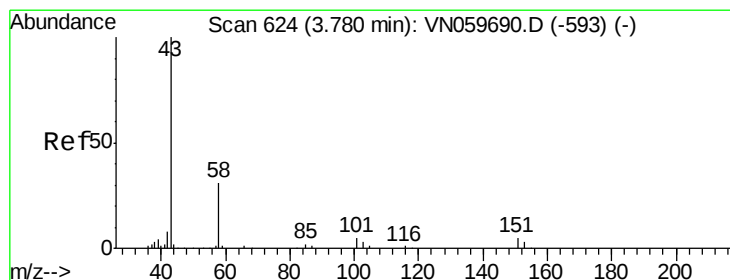
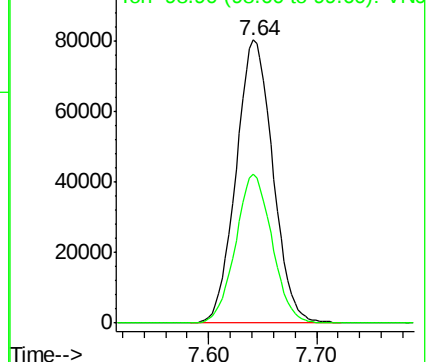
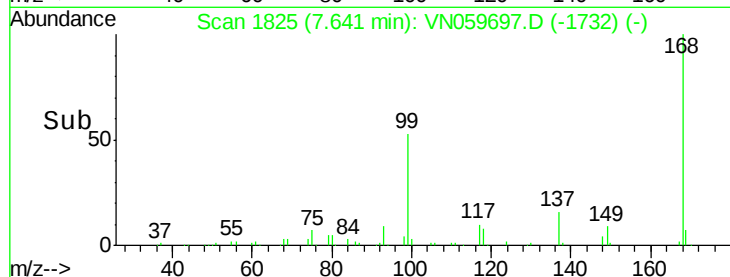
Ion Ratio Lower Upper

168 100

99 52.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059697.D (-1732) (-)



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059697.D

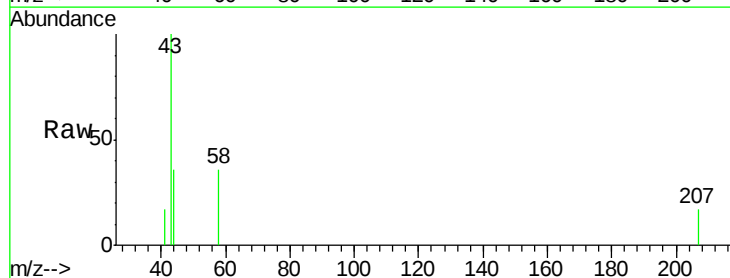
Acq: 14 Jan 2020 10:33

Tgt Ion: 43 Resp: 2579

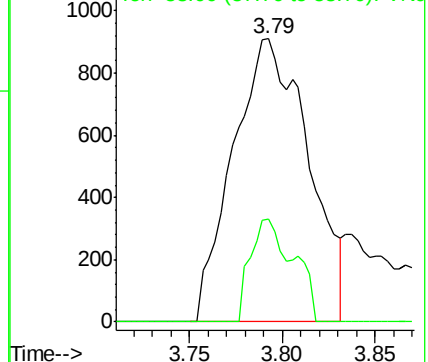
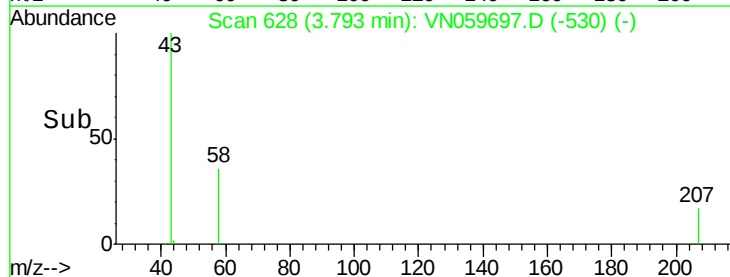
Ion Ratio Lower Upper

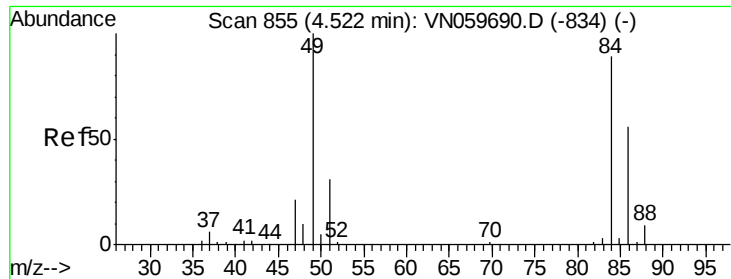
43 100

58 36.5 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN059697.D (-530) (-)

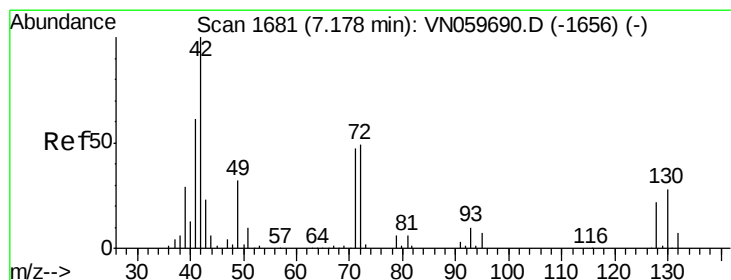
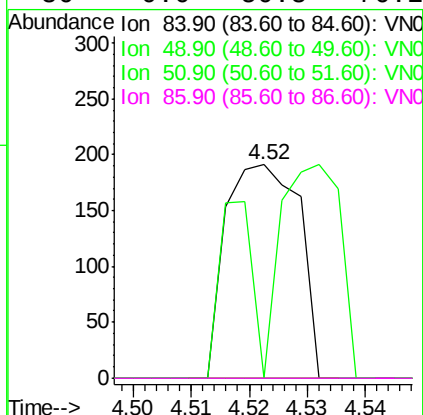
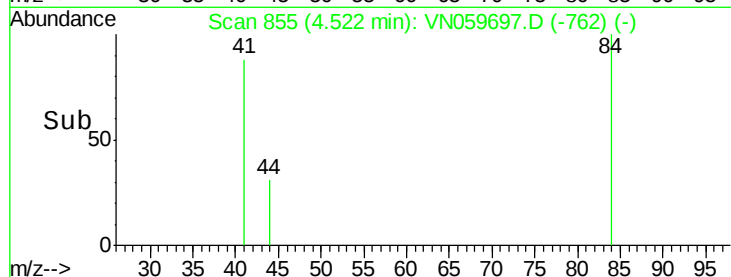
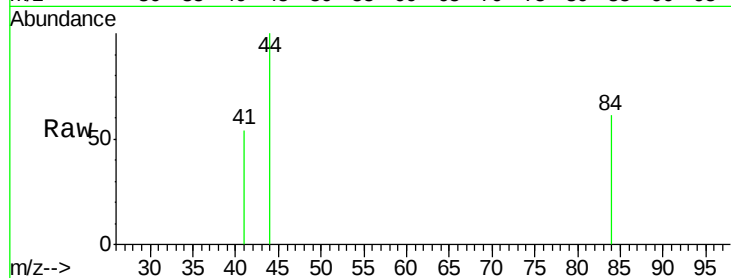




#20
Methylene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059697.D
Acq: 14 Jan 2020 10:33

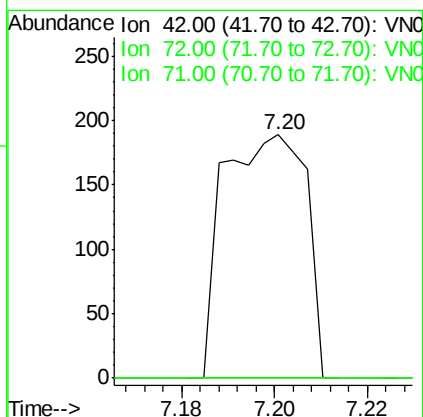
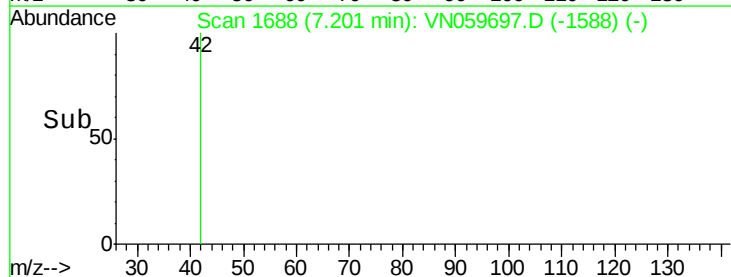
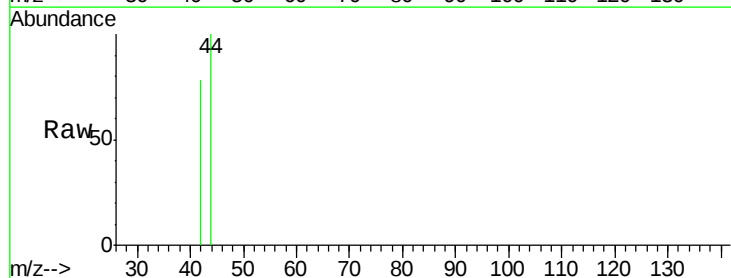
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBL01

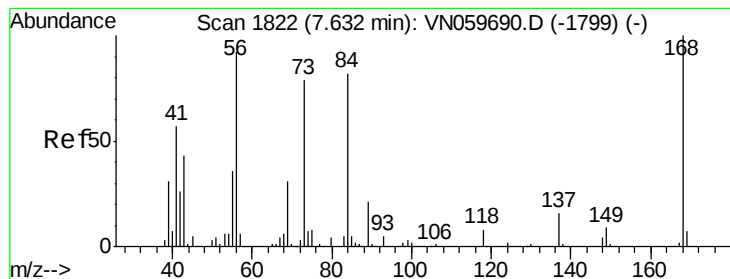
Tgt Ion: 84 Resp: 167
Ion Ratio Lower Upper
84 100
49 0.0 106.6 160.0#
51 0.0 31.9 47.9#
86 0.0 50.8 76.2#



#29
Tetrahydrofuran
Concen: 0.313 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.02 min
Lab File: VN059697.D
Acq: 14 Jan 2020 10:33

Tgt Ion: 42 Resp: 233
Ion Ratio Lower Upper
42 100
72 0.0 33.1 49.7#
71 0.0 31.4 47.0#





#31

Cyclohexane

Concen: 1.155 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN059697.D

Acq: 14 Jan 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBL01

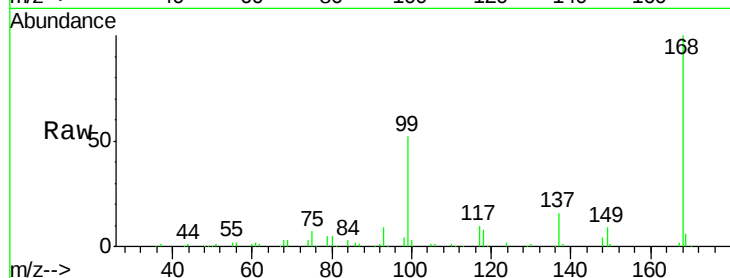
Tgt Ion: 56 Resp: 3634

Ion Ratio Lower Upper

56 100

69 175.3 26.5 39.7#

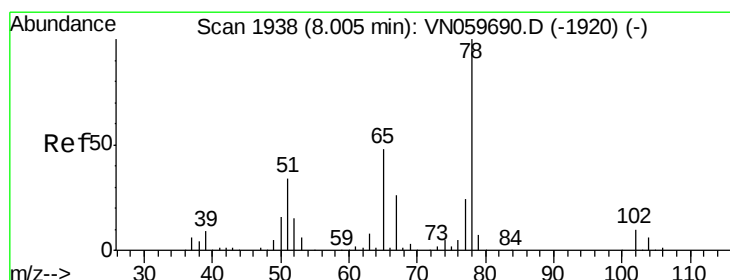
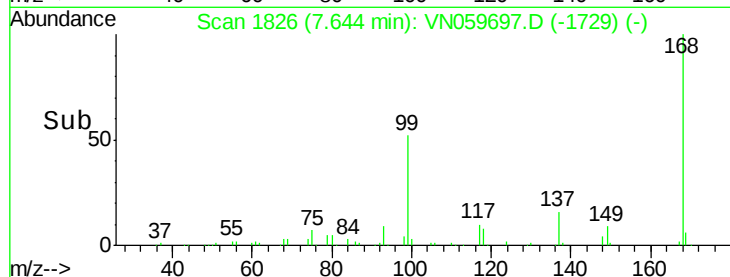
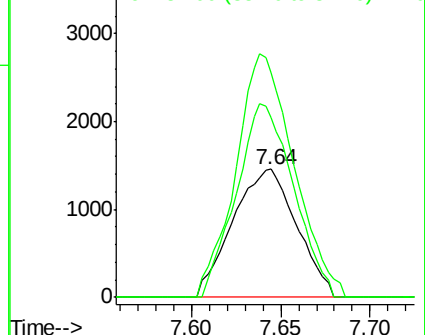
84 139.8 65.3 97.9#



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: 46.227 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059697.D

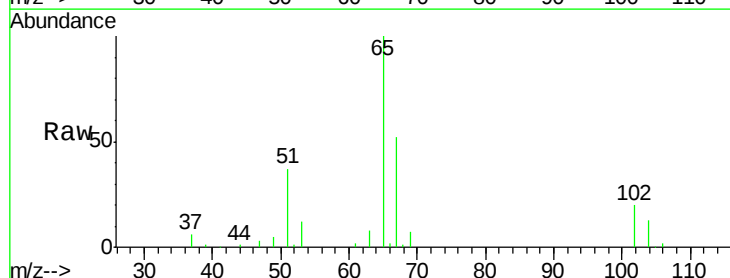
Acq: 14 Jan 2020 10:33

Tgt Ion: 65 Resp: 98277

Ion Ratio Lower Upper

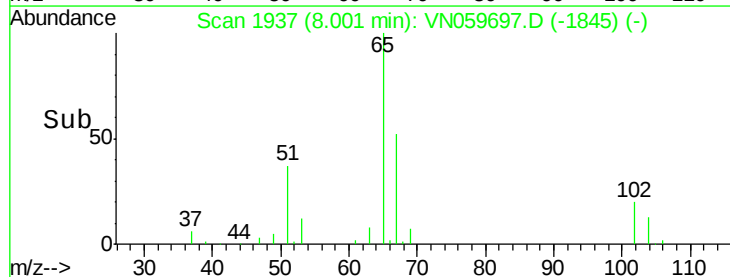
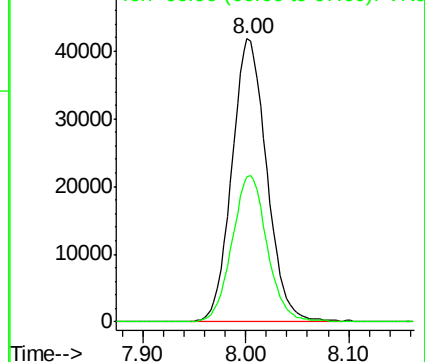
65 100

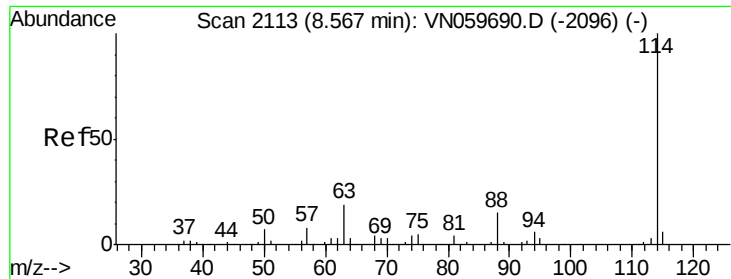
67 52.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

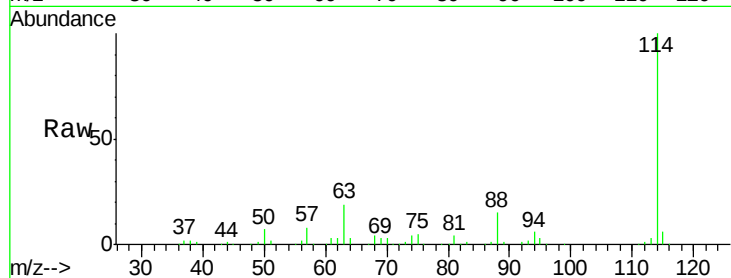




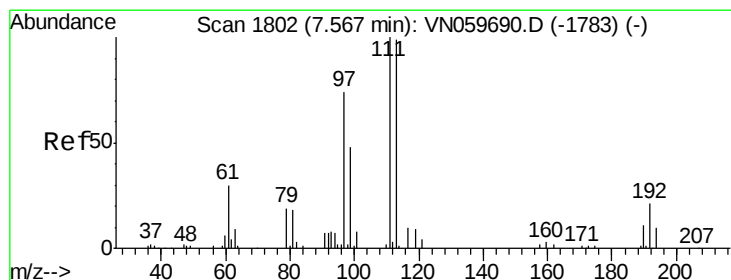
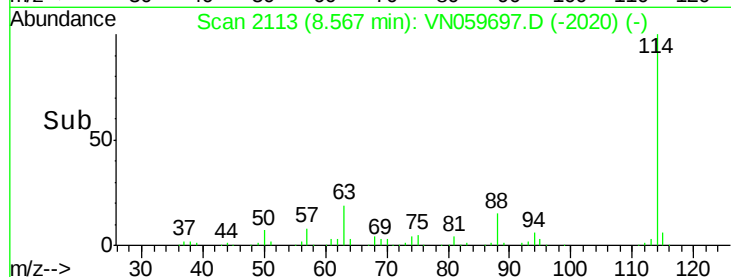
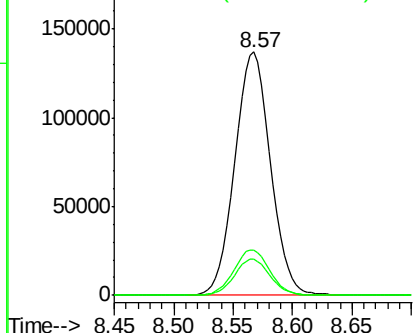
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059697.D
 Acq: 14 Jan 2020 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBL01

Tgt Ion:114 Resp: 285048
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 43.6
 88 14.7 0.0 31.4

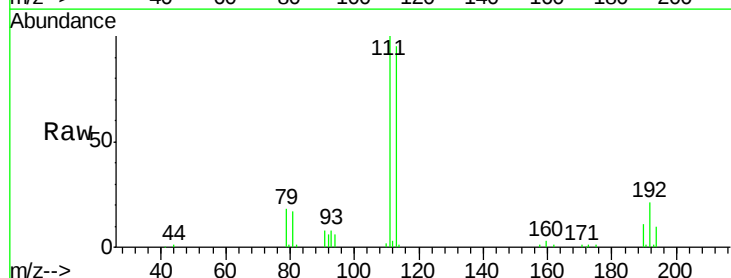


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

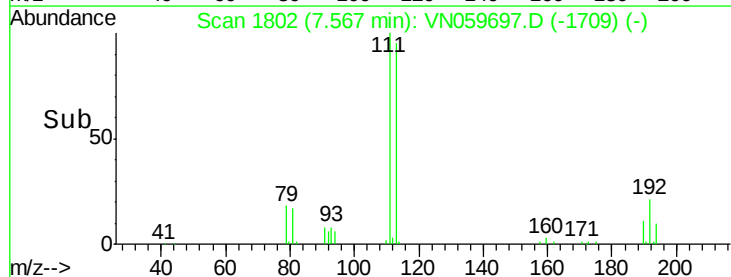
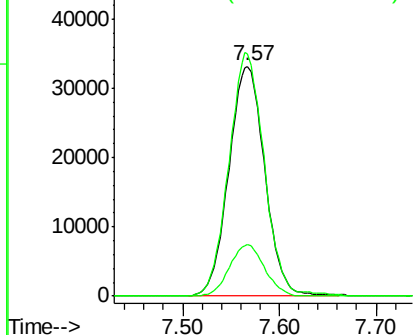


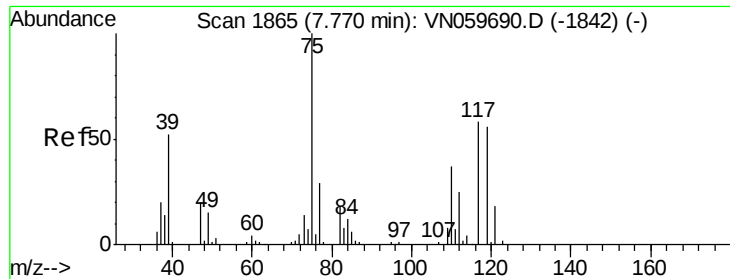
#35
 Dibromofluoromethane
 Concen: 50.480 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059697.D
 Acq: 14 Jan 2020 10:33

Tgt Ion:113 Resp: 85809
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.5 125.3
 192 21.7 15.4 23.2



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

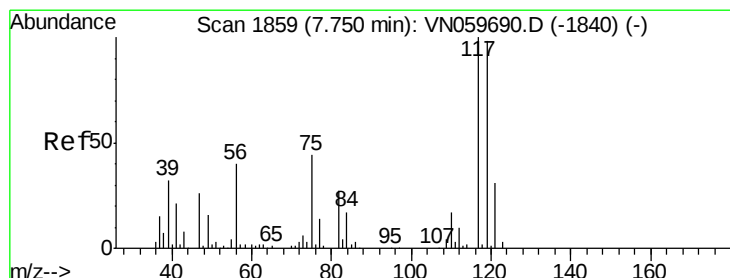
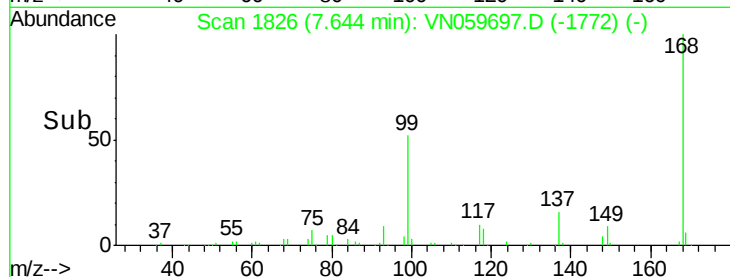
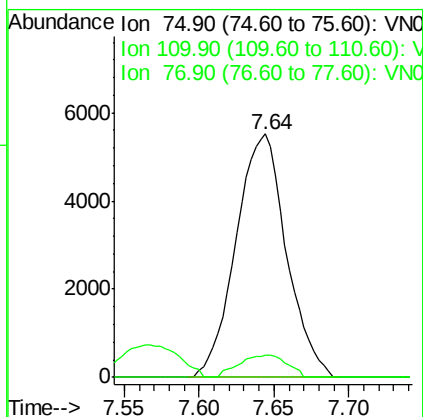
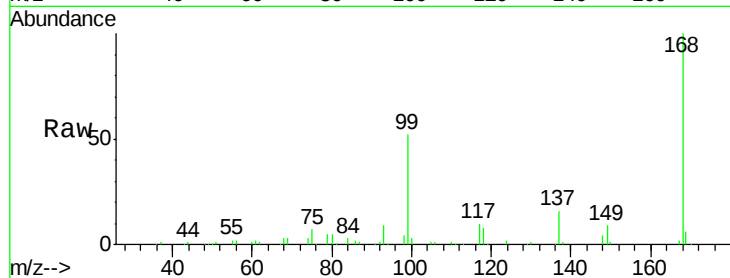




#36
 1,1-Dichloropropene
 Concen: 5.209 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059697.D
 Acq: 14 Jan 2020 10:33

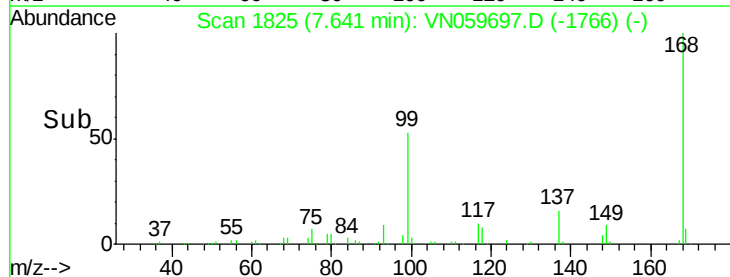
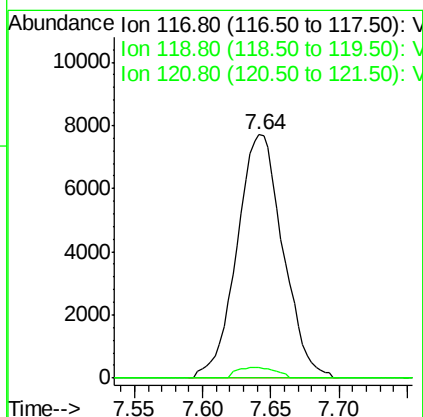
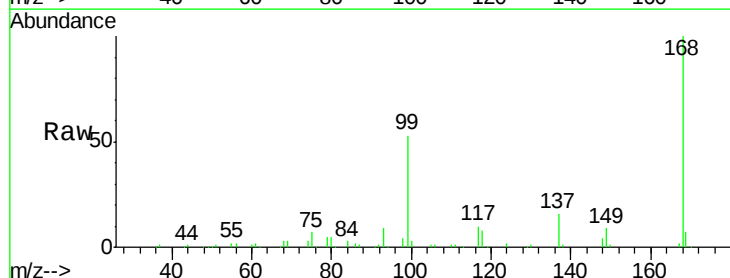
Instrument :
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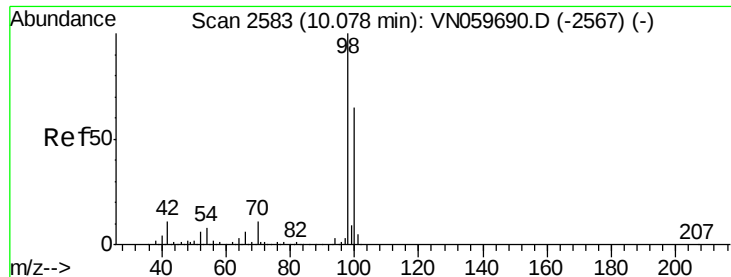
Tgt Ion: 75 Resp: 12930
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.6 49.7#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.692 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN059697.D
 Acq: 14 Jan 2020 10:33

Tgt Ion: 117 Resp: 18069
 Ion Ratio Lower Upper
 117 100
 119 4.2 76.5 114.7#
 121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 48.525 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059697.D

Acq: 14 Jan 2020 10:33

Instrument :

MSVOA_N

ClientSampleId :

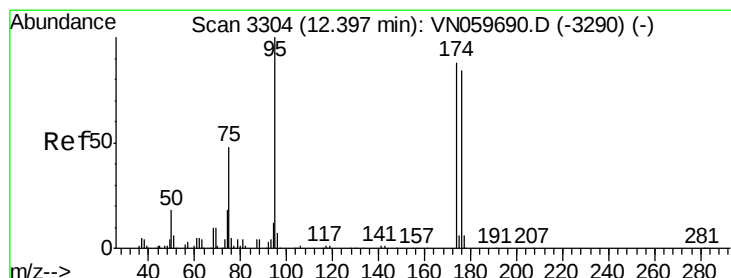
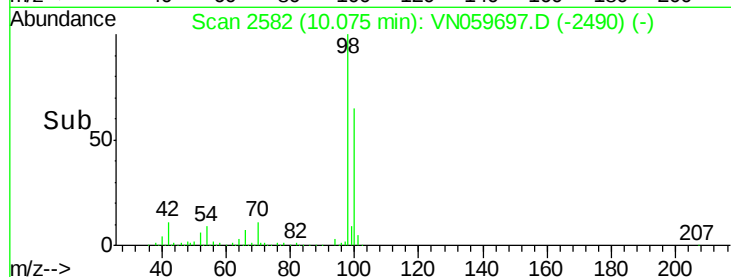
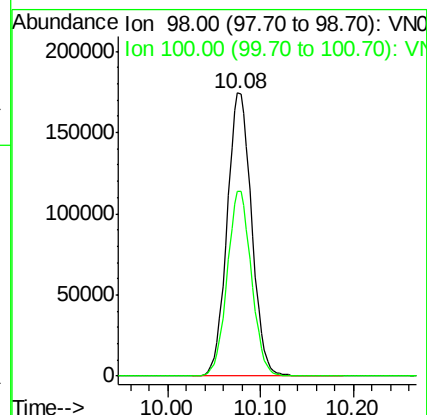
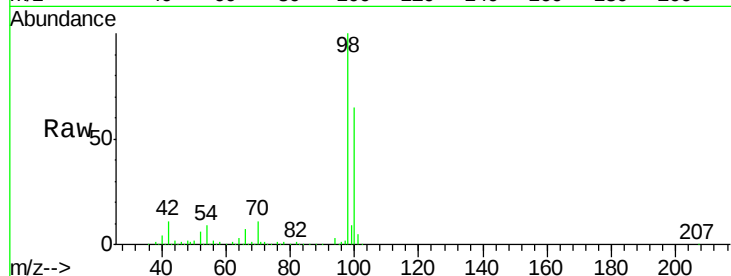
VN0114WBL01

Tgt Ion: 98 Resp: 319595

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.793 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059697.D

Acq: 14 Jan 2020 10:33

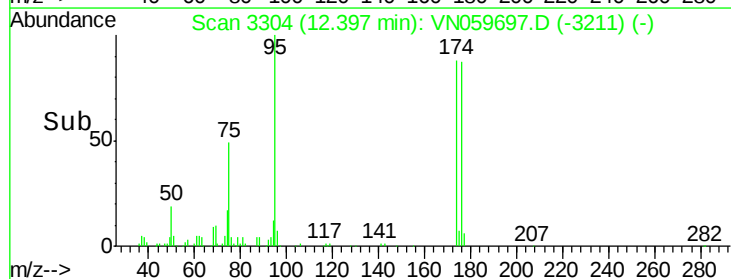
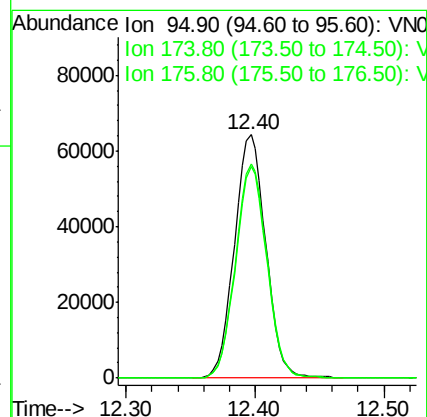
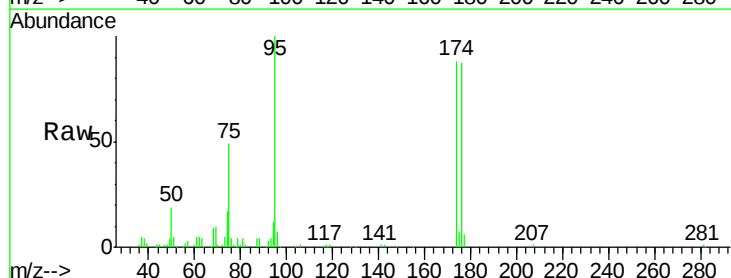
Tgt Ion: 95 Resp: 108727

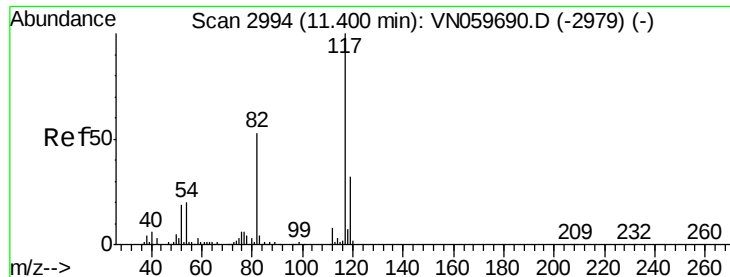
Ion Ratio Lower Upper

95 100

174 88.8 0.0 151.4

176 86.1 0.0 146.0

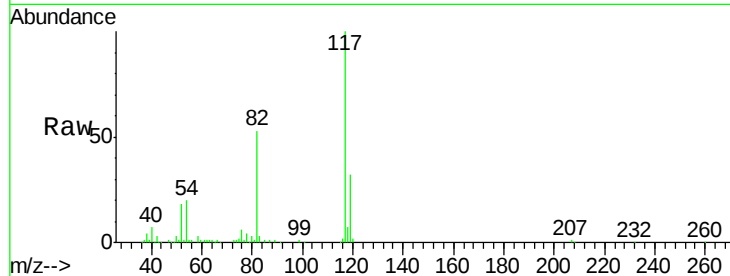




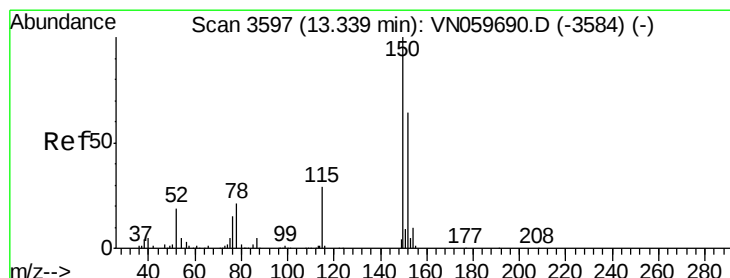
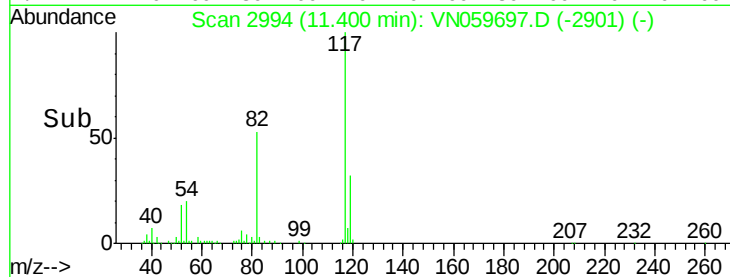
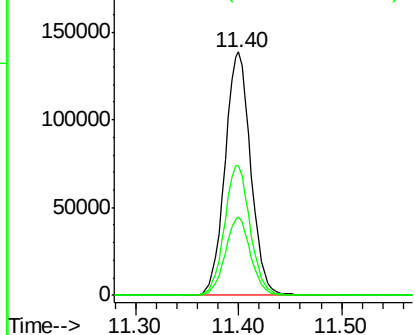
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059697.D
Acq: 14 Jan 2020 10:33

Instrument :
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VN0114WBL01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.9	68.9
119	32.0	25.5	38.3

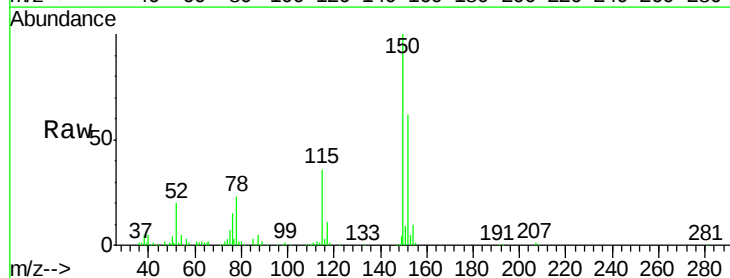


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

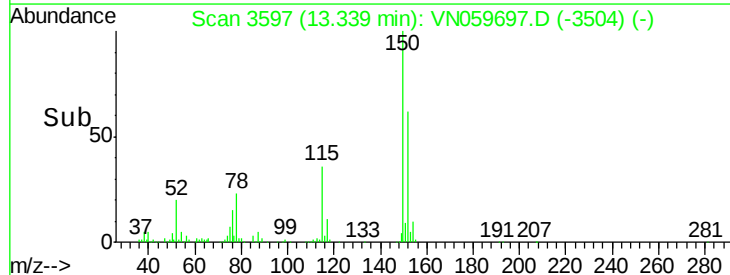
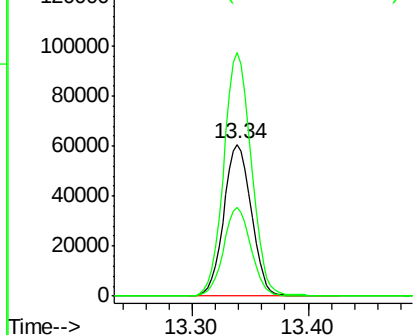


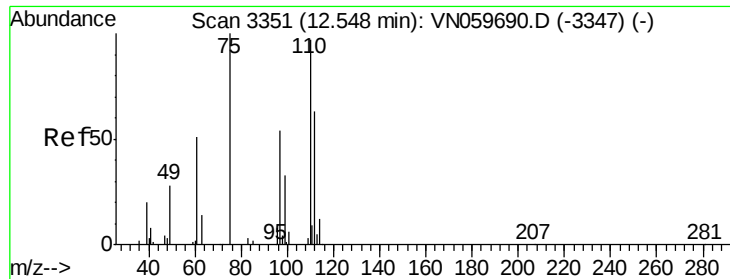
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059697.D
Acq: 14 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.3	90.9
150	160.2	0.0	345.2



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

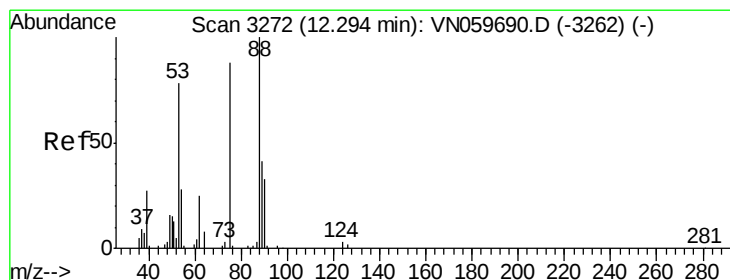
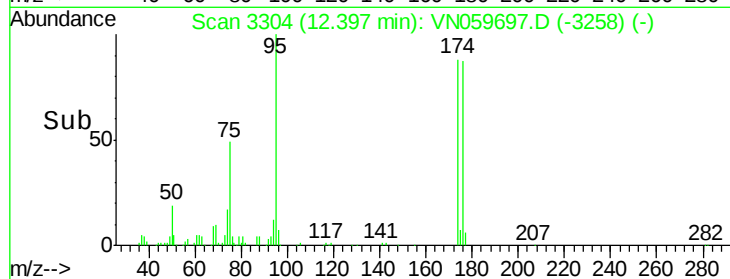
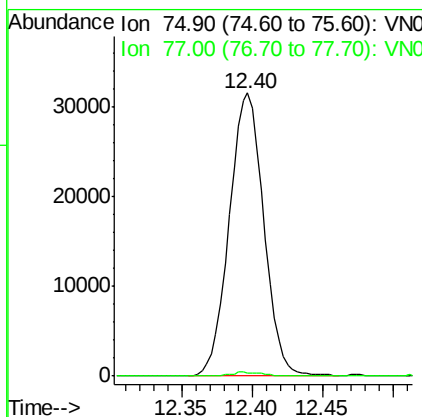
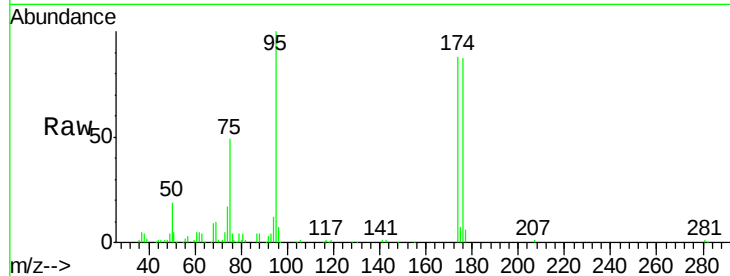




#76
 1,2,3-Trichloropropane
 Concen: 32.011 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.15 min
 Lab File: VN059697.D
 Acq: 14 Jan 2020 10:33

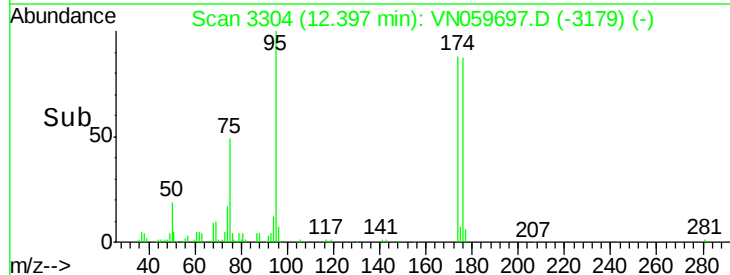
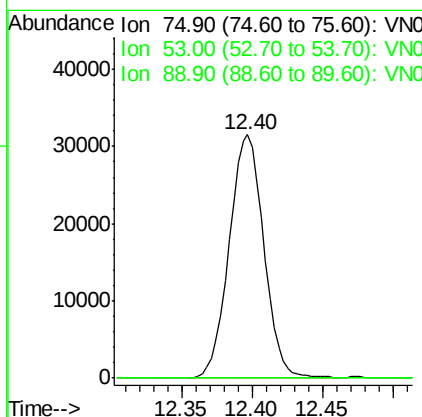
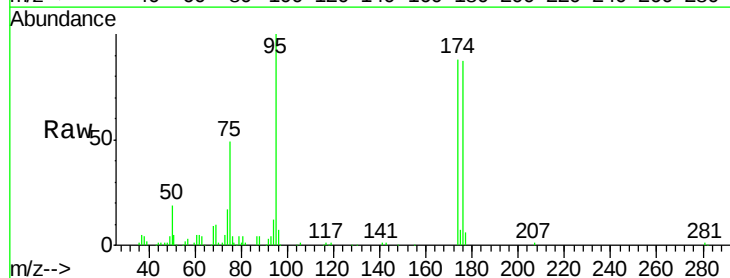
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBL01

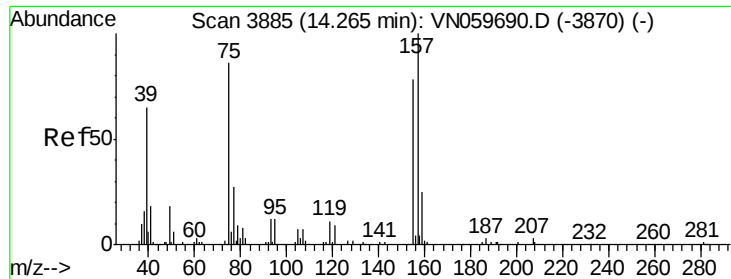
Tgt Ion: 75 Resp: 54079
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.744 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN059697.D
 Acq: 14 Jan 2020 10:33

Tgt Ion: 75 Resp: 54079
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.1 117.1#
 89 0.0 35.4 53.2#

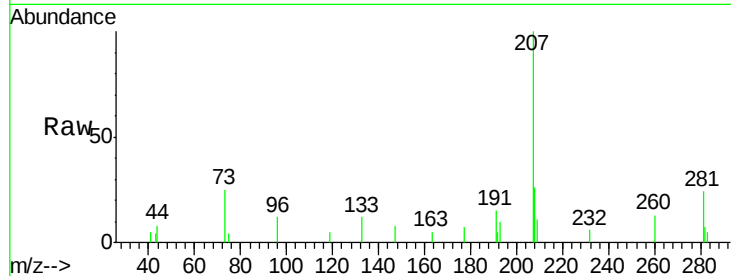




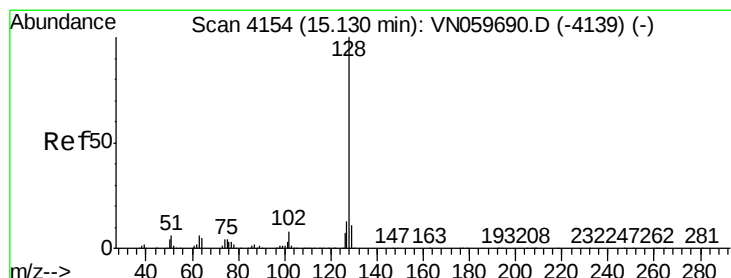
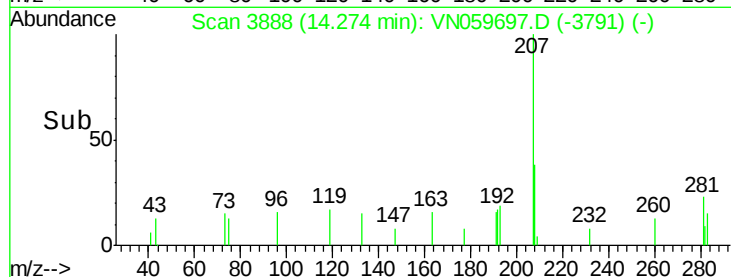
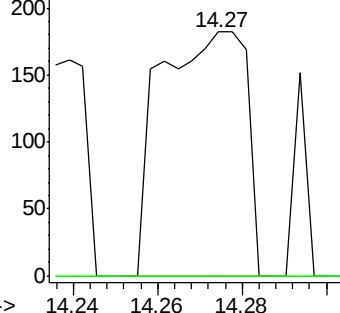
#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.27 min Scan# 3888
Delta R.T. 0.01 min
Lab File: VN059697.D
Acq: 14 Jan 2020 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0114WBL01

Tgt Ion: 75 Resp: 257
Ion Ratio Lower Upper
75 100
155 0.0 37.0 110.9#
157 0.0 48.4 145.2#

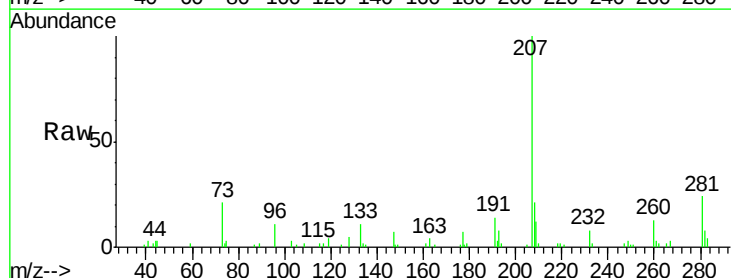


Abundance Ion 74.90 (74.60 to 75.60): VN059697.D
Ion 154.80 (154.50 to 155.50): VN059697.D
Ion 156.80 (156.50 to 157.50): VN059697.D

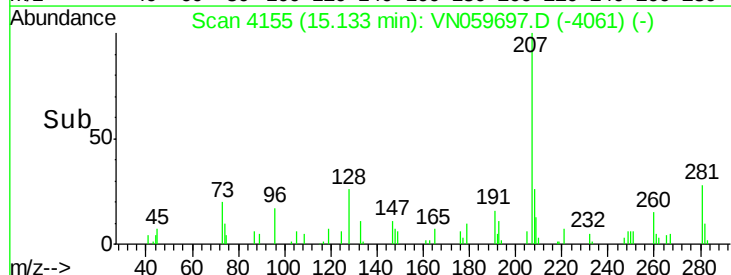
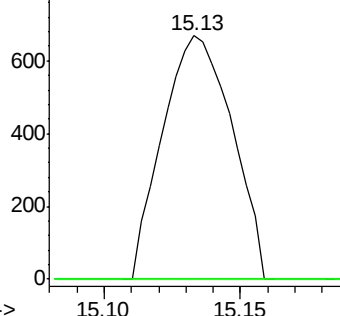


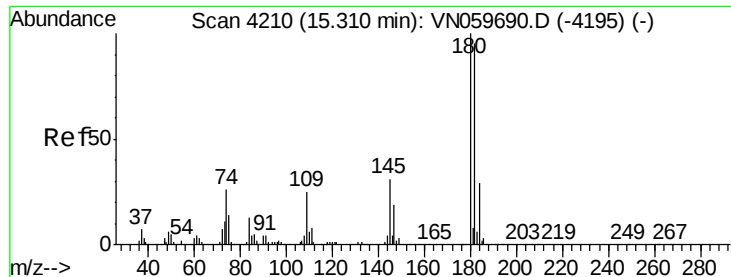
#95
Naphthalene
Concen: 0.216 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN059697.D
Acq: 14 Jan 2020 10:33

Tgt Ion: 128 Resp: 1181
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VN059697.D
Ion 127.00 (126.70 to 127.70): VN059697.D
Ion 129.00 (128.70 to 129.70): VN059697.D





#96
 1,2,3-Trichlorobenzene
 Concen: 0.214 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. 0.00 min
 Lab File: VN059697.D
 Acq: 14 Jan 2020 10:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	42.9	47.4	142.3#
145	85.0	16.3	48.9#

