

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032520\
 Data File : VN060696.D
 Acq On : 25 Mar 2020 14:51
 Operator : JC/MD
 Sample : L1997-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20200316

Quant Time: Mar 26 02:50:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	312168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134374	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	122370	47.62	ug/l	0.00
Spiked Amount						
			Recovery	=	95.24%	
35) Dibromofluoromethane	7.56	113	93040	49.29	ug/l	0.00
Spiked Amount						
			Recovery	=	98.58%	
50) Toluene-d8	10.08	98	384226	49.83	ug/l	0.00
Spiked Amount						
			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.40	95	143897	50.93	ug/l	0.00
Spiked Amount						
			Recovery	=	101.86%	

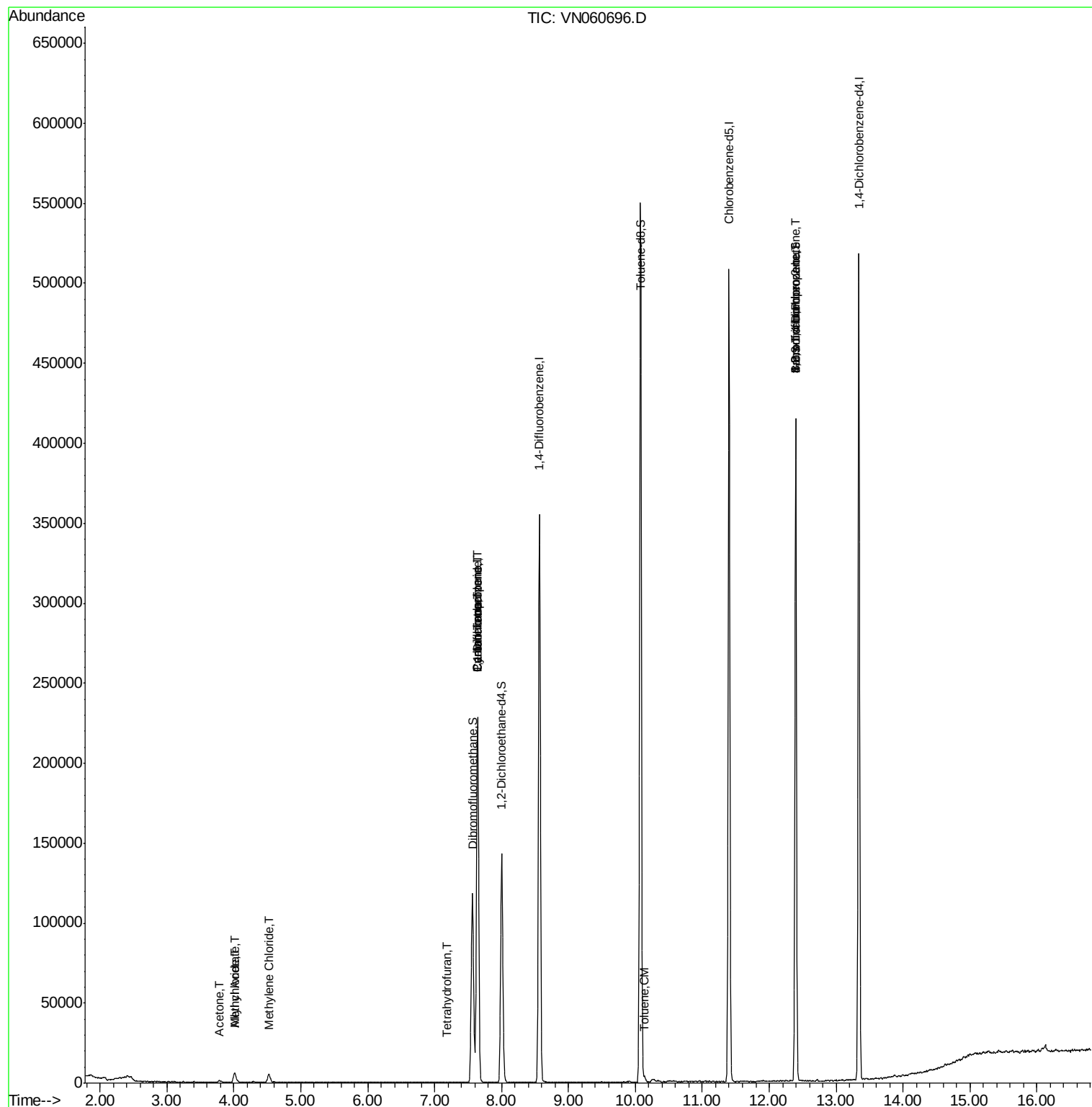
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.01	41	797	0.224	ug/l #	22
16) Acetone	3.78	43	1133	1.245	ug/l #	87
18) Methyl Acetate	4.01	43	2121	0.828	ug/l #	54
20) Methylene Chloride	4.52	84	3657	1.633	ug/l	95
29) Tetrahydrofuran	7.18	42	290	0.278	ug/l #	35
31) Cyclohexane	7.64	56	3752	0.907	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14765	4.885	ug/l #	49
38) Carbon Tetrachloride	7.64	117	17875	6.598	ug/l #	16
52) Toluene	10.14	92	1398	0.254	ug/l	100
71) Bromoform	12.40	173	590	2.008	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	71723	24.736	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	71723	63.530	ug/l #	13

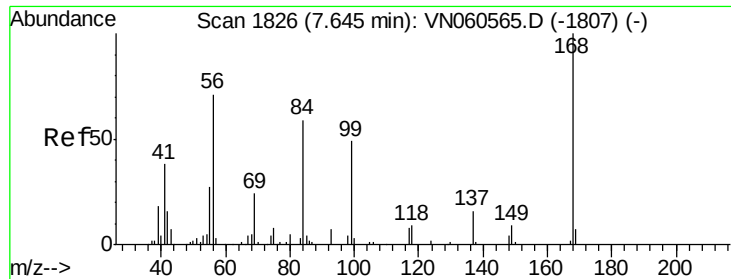
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN032520\
Data File : VN060696.D
Acq On : 25 Mar 2020 14:51
Operator : JC/MD
Sample : L1997-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EB-20200316

Quant Time: Mar 26 02:50:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 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: VN060696.D

Acq: 25 Mar 2020 14:51

Instrument :

MSVOA_N

ClientSampleId :

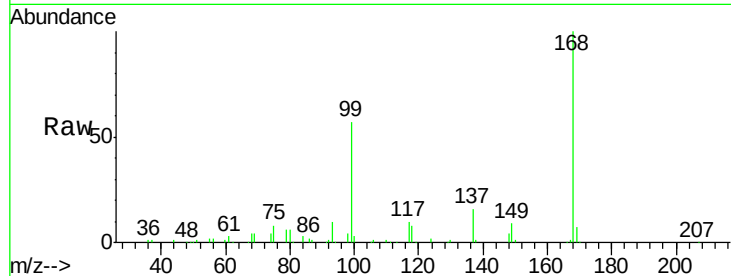
EB-20200316

Tgt Ion:168 Resp: 187176

Ion Ratio Lower Upper

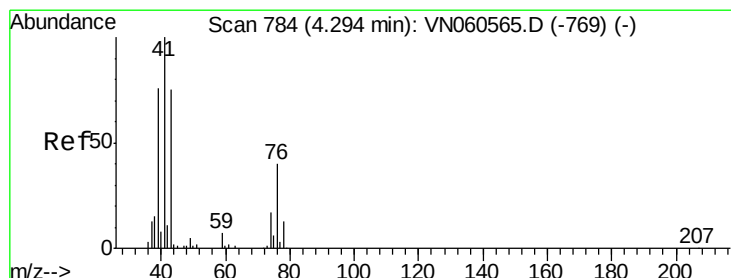
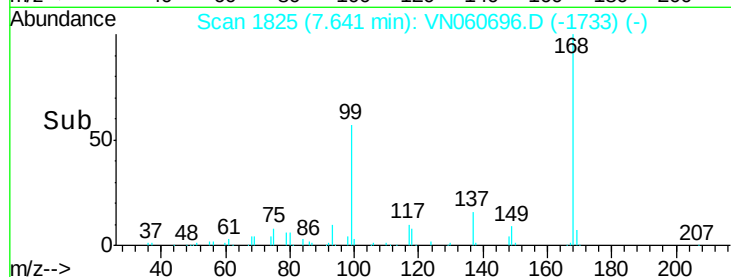
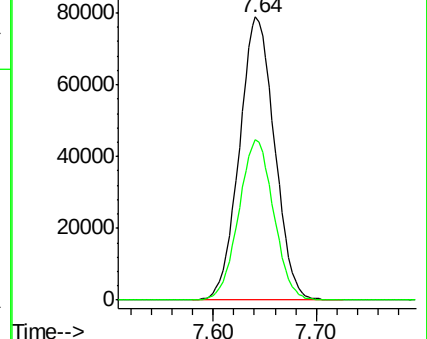
168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#14

Allyl chloride

Concen: 0.224 ug/l

RT: 4.01 min Scan# 696

Delta R.T. -0.28 min

Lab File: VN060696.D

Acq: 25 Mar 2020 14:51

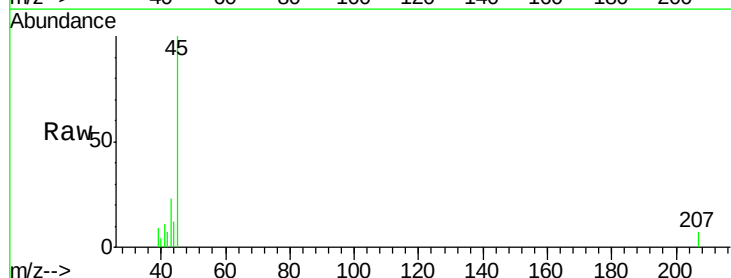
Tgt Ion: 41 Resp: 797

Ion Ratio Lower Upper

41 100

39 0.0 57.8 86.8#

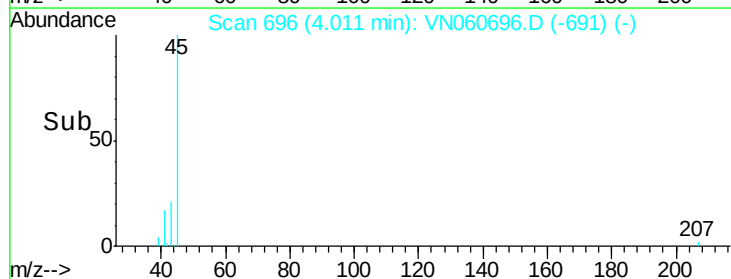
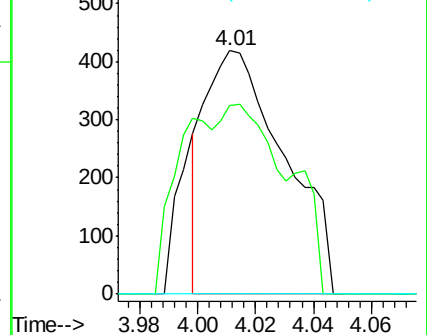
76 0.0 28.6 43.0#

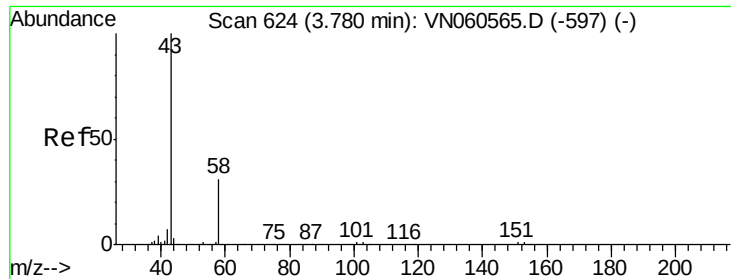


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#16

Acetone

Concen: 1.245 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060696.D

Acq: 25 Mar 2020 14:51

Instrument :

MSVOA_N

ClientSampleId :

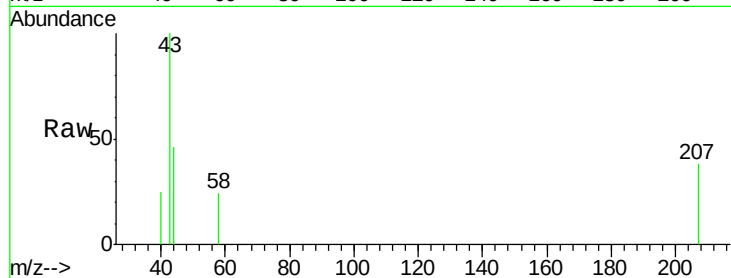
EB-20200316

Tgt Ion: 43 Resp: 1133

Ion Ratio Lower Upper

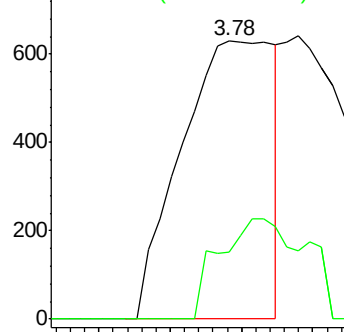
43 100

58 24.1 25.1 37.7#

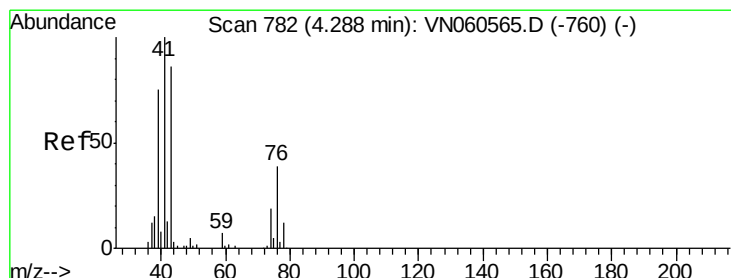
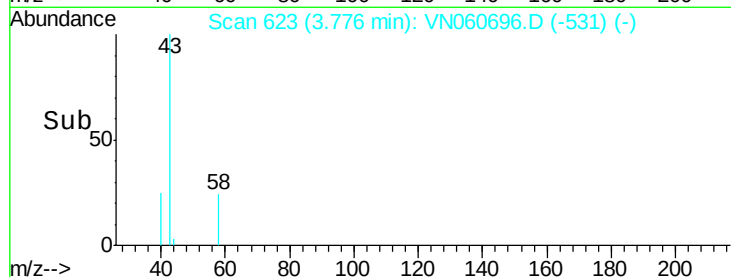


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#18

Methyl Acetate

Concen: 0.828 ug/l

RT: 4.01 min Scan# 696

Delta R.T. -0.28 min

Lab File: VN060696.D

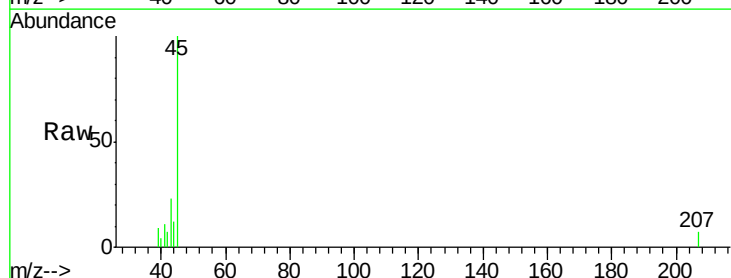
Acq: 25 Mar 2020 14:51

Tgt Ion: 43 Resp: 2121

Ion Ratio Lower Upper

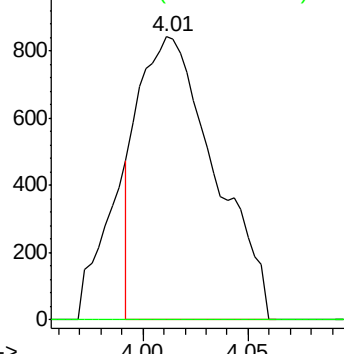
43 100

74 0.0 17.5 26.3#

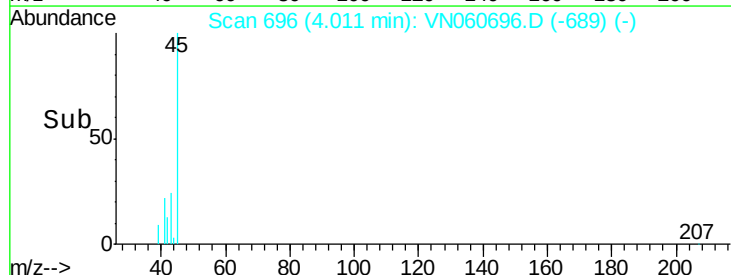


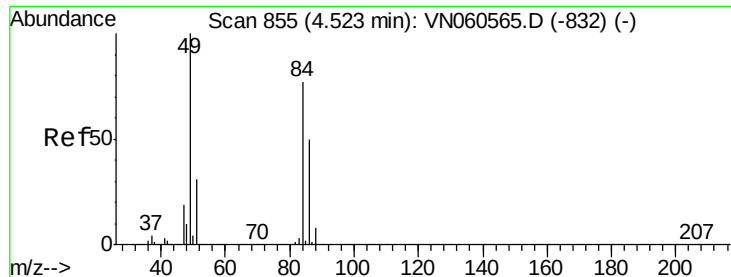
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



Time-->

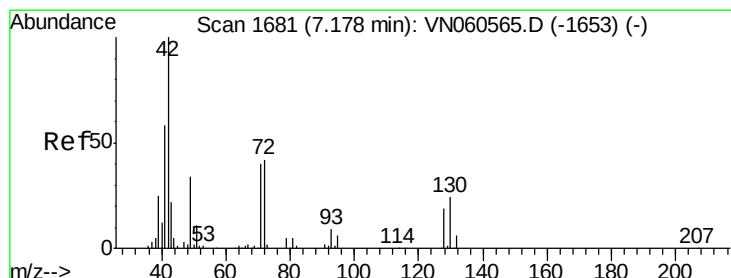
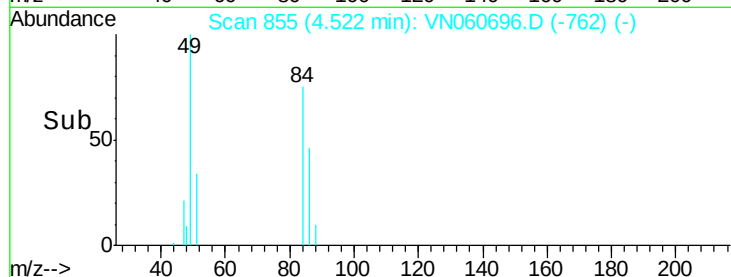
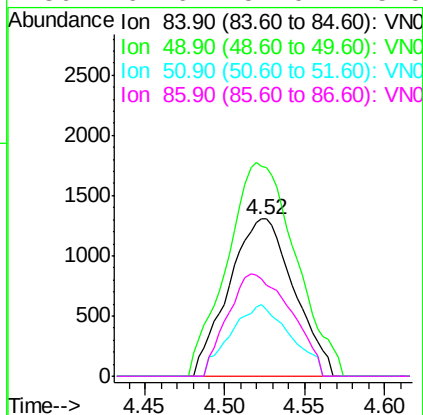
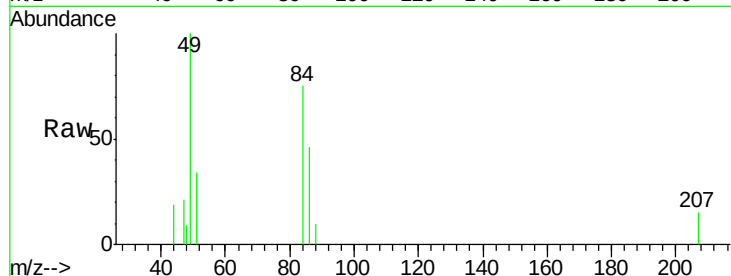




#20
Methylene Chloride
Concen: 1.633 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060696.D
Acq: 25 Mar 2020 14:51

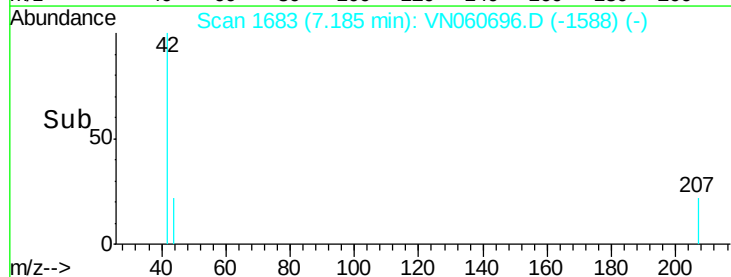
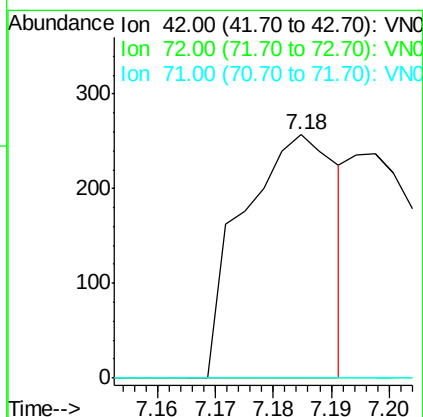
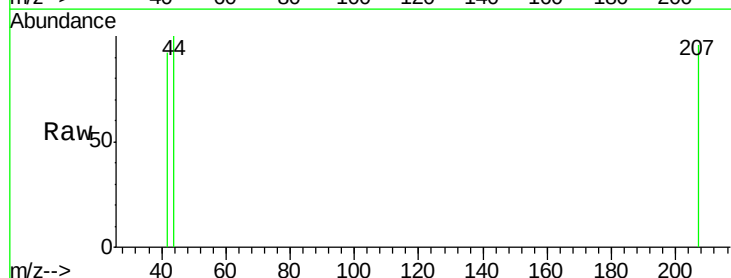
Instrument :
MSVOA_N
ClientSampleId :
EB-20200316

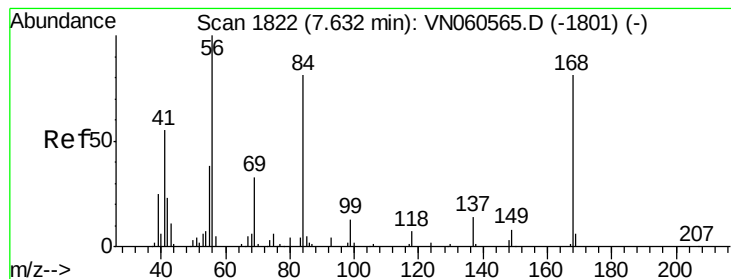
Tgt Ion:	84	Resp:	3657
Ion	Ratio	Lower	Upper
84	100		
49	133.3	103.3	154.9
51	45.7	31.6	47.4
86	61.6	52.0	78.0



#29
Tetrahydrofuran
Concen: 0.278 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VN060696.D
Acq: 25 Mar 2020 14:51

Tgt Ion:	42	Resp:	290
Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.2	49.8#
71	0.0	31.1	46.7#





#31

Cyclohexane

Concen: 0.907 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN060696.D

Acq: 25 Mar 2020 14:51

Instrument :

MSVOA_N

ClientSampleId :

EB-20200316

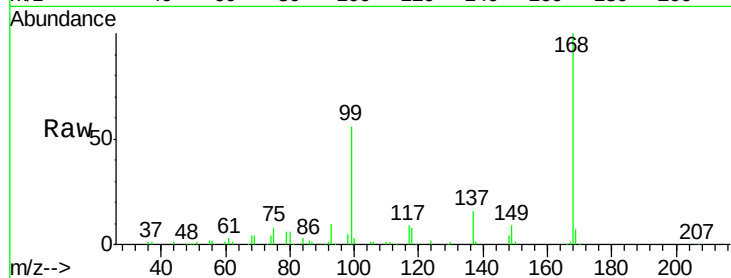
Tgt Ion: 56 Resp: 3752

Ion Ratio Lower Upper

56 100

69 169.2 26.6 40.0#

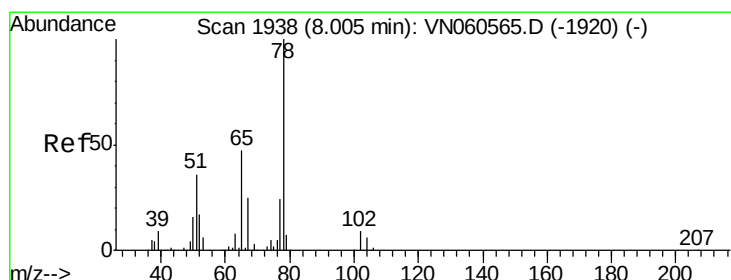
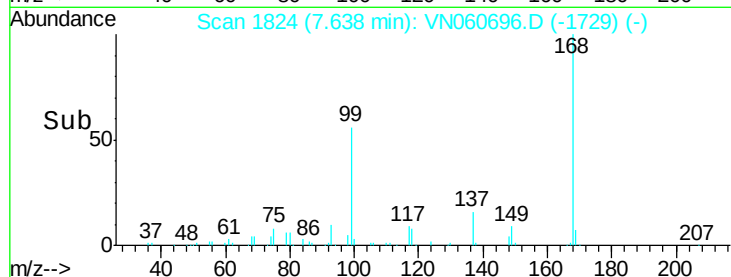
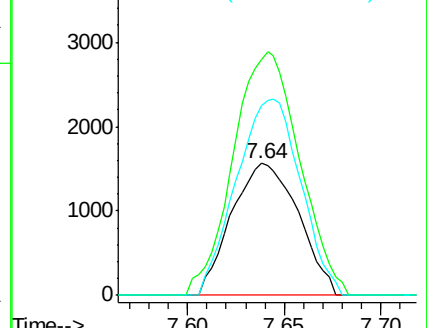
84 144.3 64.3 96.5#



Abundance Ion 56.00 (55.70 to 56.70): VN060696.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060696.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060696.D (-1729) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.624 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060696.D

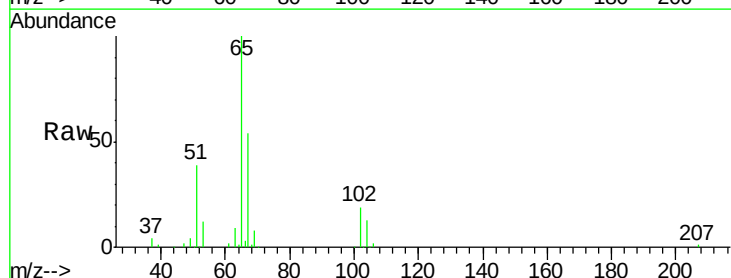
Acq: 25 Mar 2020 14:51

Tgt Ion: 65 Resp: 122370

Ion Ratio Lower Upper

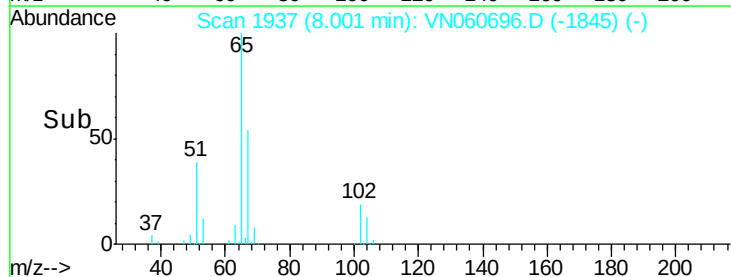
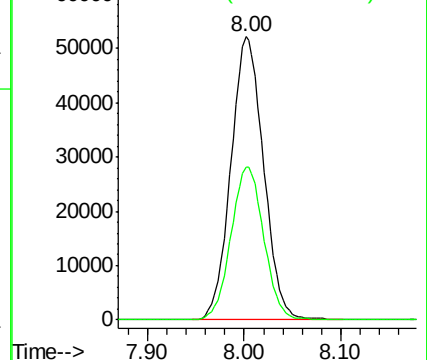
65 100

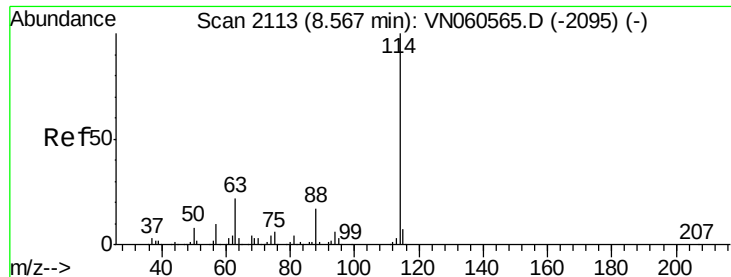
67 54.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060696.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060696.D (-1845) (-)

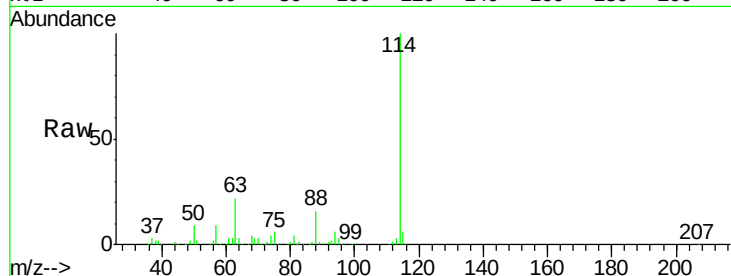




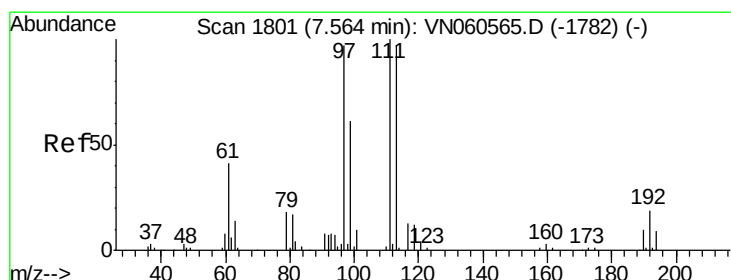
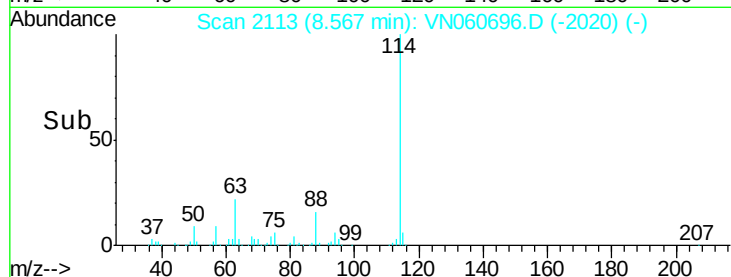
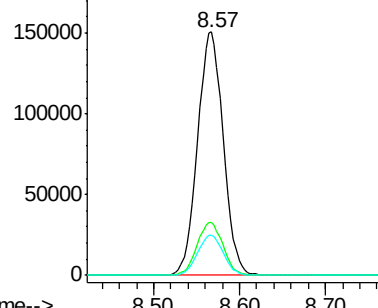
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060696.D
 Acq: 25 Mar 2020 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20200316

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.8
88	16.5	0.0	33.0

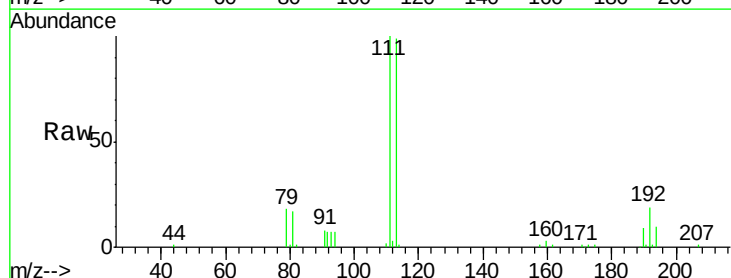


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

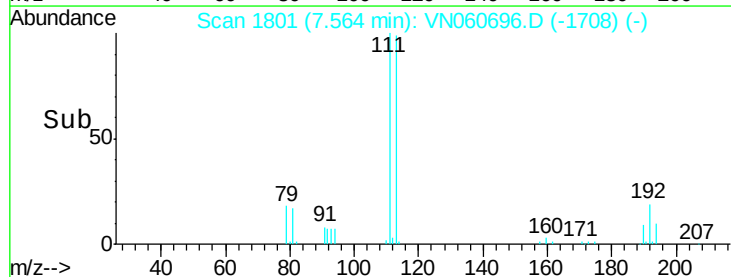
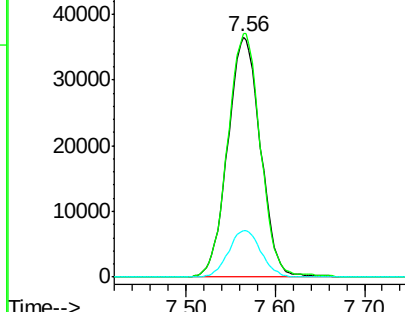


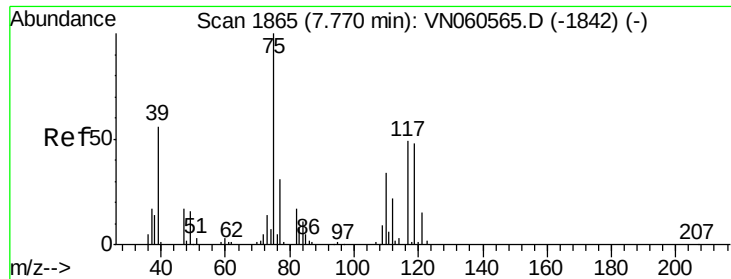
#35
 Dibromofluoromethane
 Concen: 49.291 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060696.D
 Acq: 25 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.9	124.3
192	19.3	15.8	23.8



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

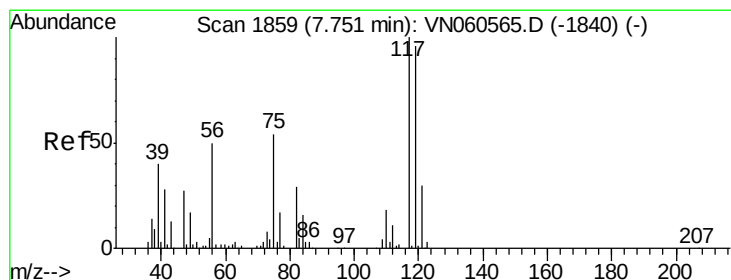
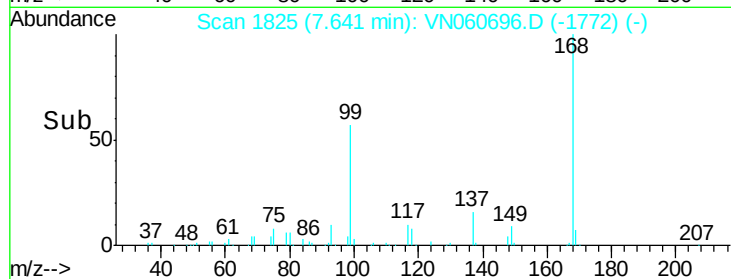
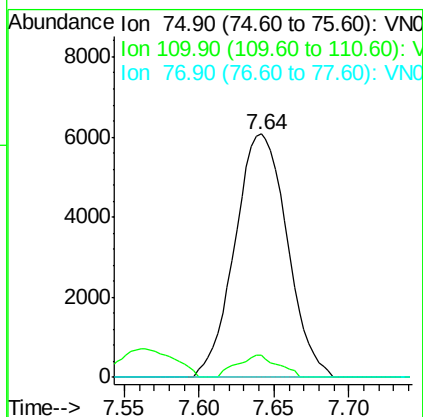
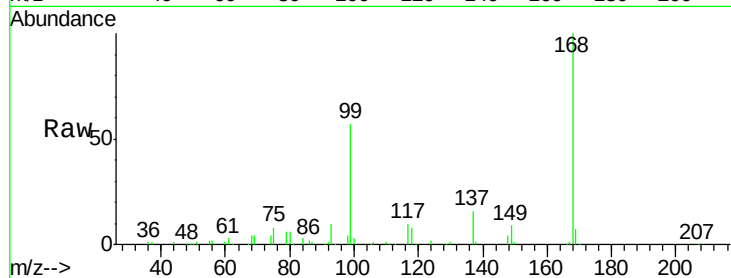




#36
 1,1-Dichloropropene
 Concen: 4.885 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060696.D
 Acq: 25 Mar 2020 14:51

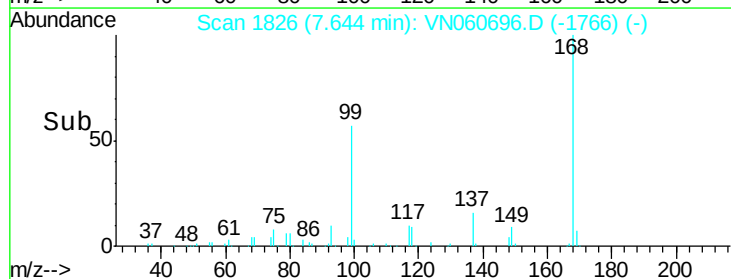
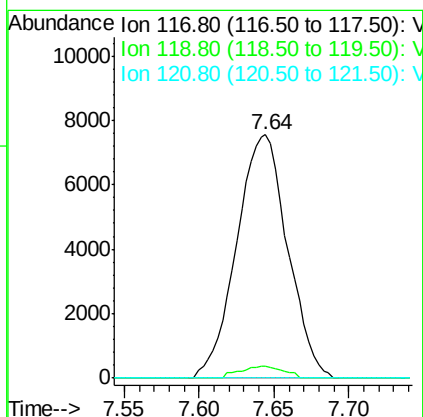
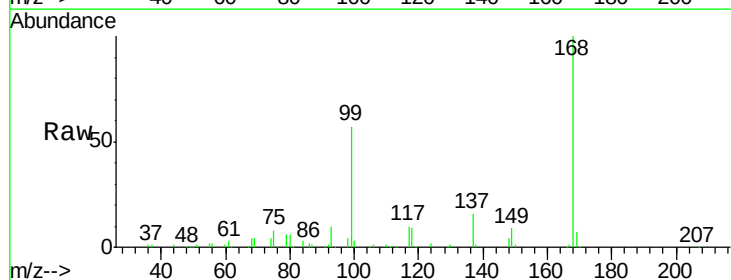
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20200316

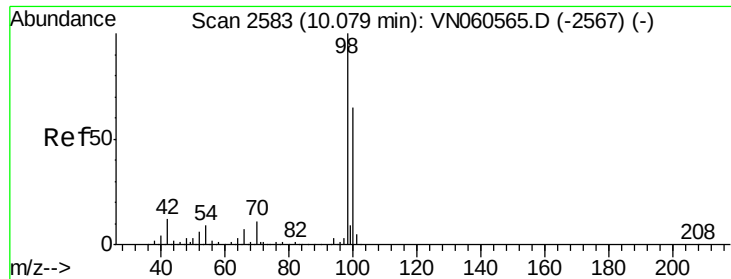
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.2	16.9	50.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.598 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN060696.D
 Acq: 25 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.2	114.2#
121	0.0	23.7	35.5#

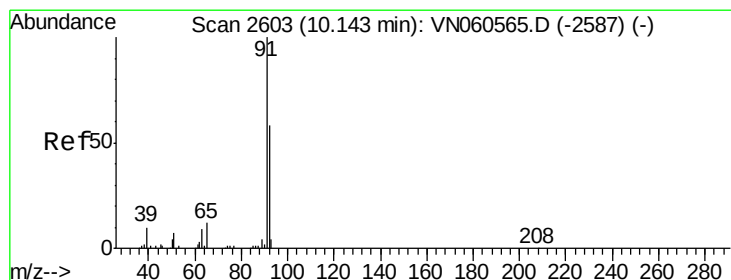
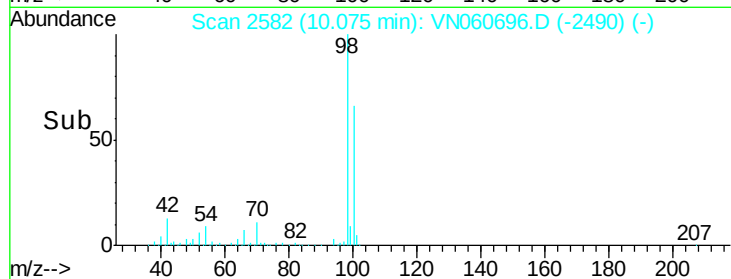
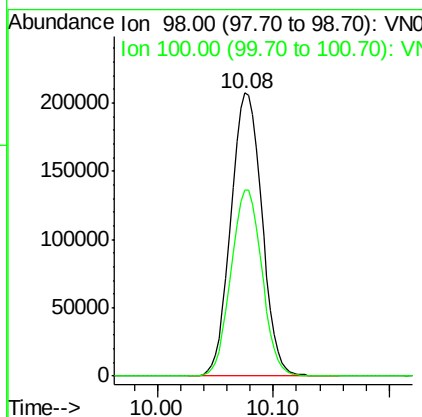
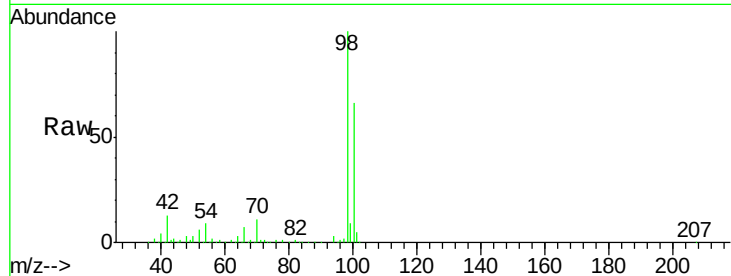




#50
Toluene-d8
Concen: 49.835 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060696.D
Acq: 25 Mar 2020 14:51

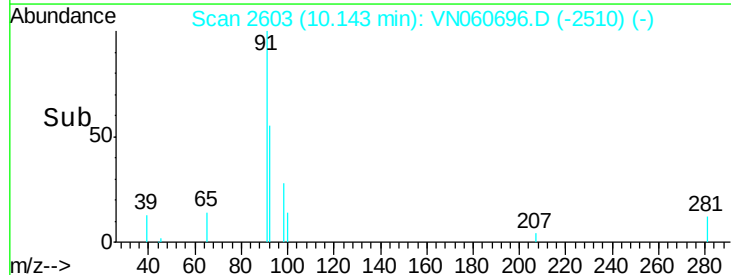
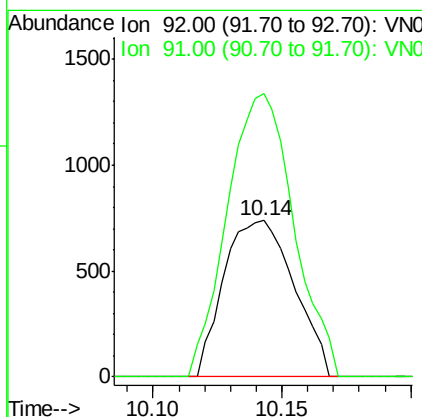
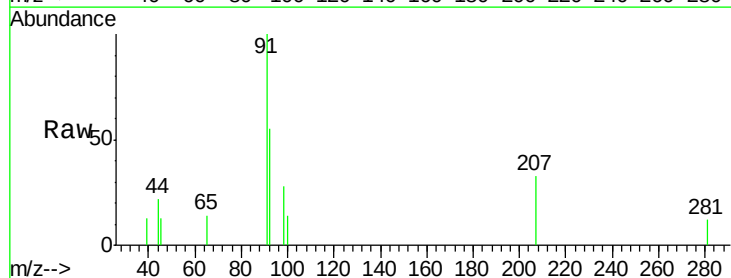
Instrument :
MSVOA_N
ClientSampleId :
EB-20200316

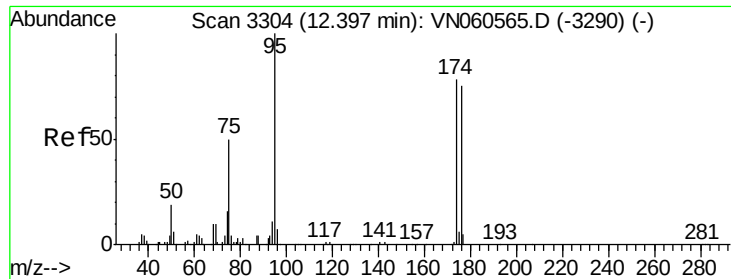
Tgt Ion: 98 Resp: 384226
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.8



#52
Toluene
Concen: 0.254 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN060696.D
Acq: 25 Mar 2020 14:51

Tgt Ion: 92 Resp: 1398
Ion Ratio Lower Upper
92 100
91 172.3 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 50.926 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060696.D

Acq: 25 Mar 2020 14:51

Instrument :

MSVOA_N

ClientSampleId :

EB-20200316

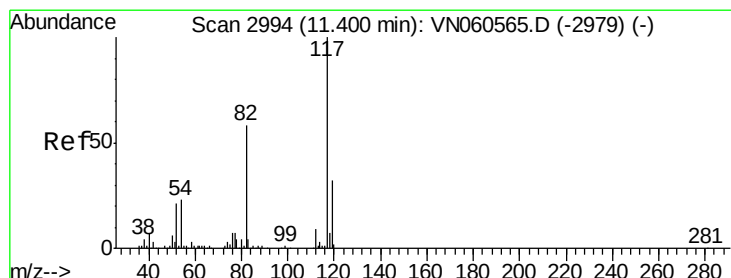
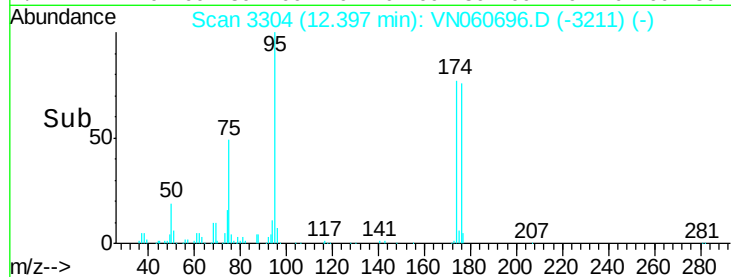
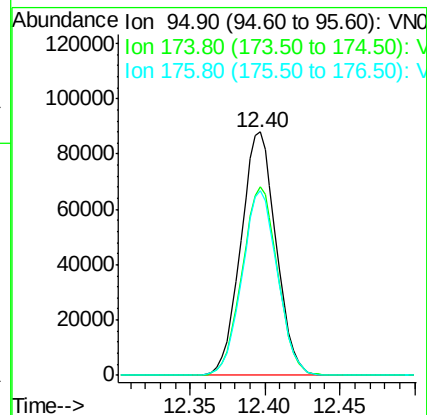
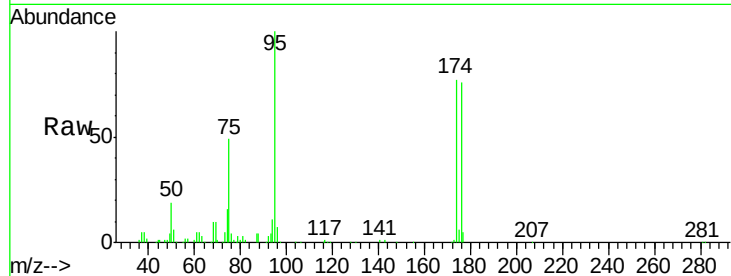
Tgt Ion: 95 Resp: 143897

Ion Ratio Lower Upper

95 100

174 78.1 0.0 157.6

176 76.2 0.0 150.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060696.D

Acq: 25 Mar 2020 14:51

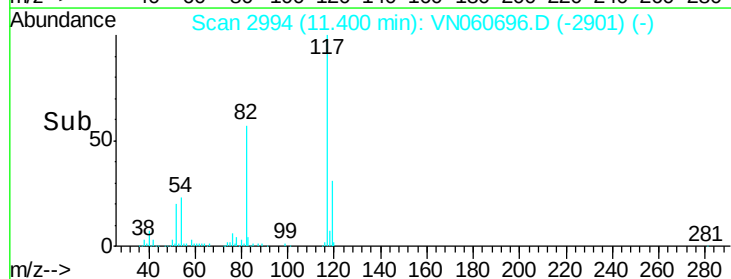
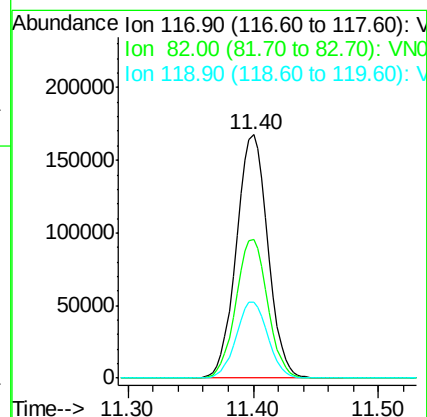
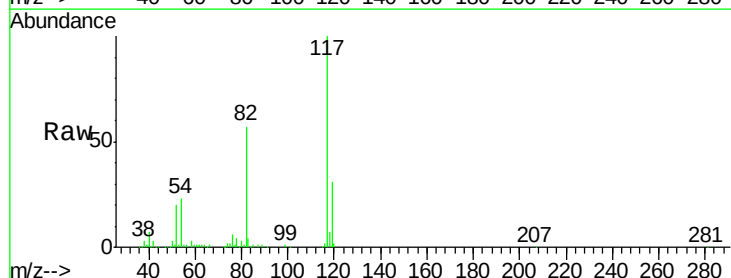
Tgt Ion: 117 Resp: 291992

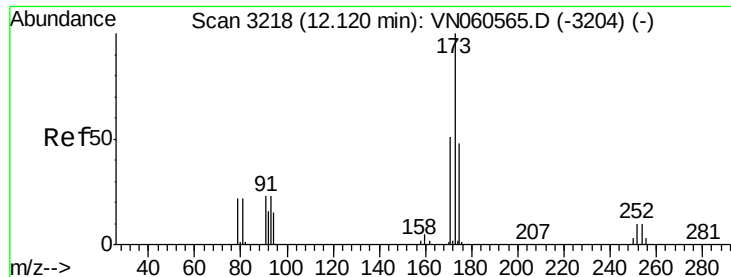
Ion Ratio Lower Upper

117 100

82 57.1 46.7 70.1

119 31.4 25.5 38.3





#71

Bromoform

Concen: 2.008 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.28 min

Lab File: VN060696.D

Acq: 25 Mar 2020 14:51

Instrument :

MSVOA_N

ClientSampled :

EB-20200316

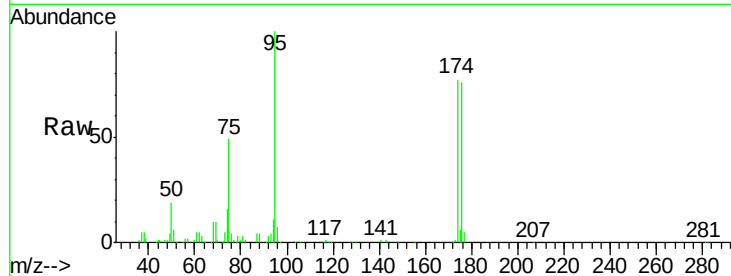
Tgt Ion:173 Resp: 590

Ion Ratio Lower Upper

173 100

175 1188.1 24.1 72.4#

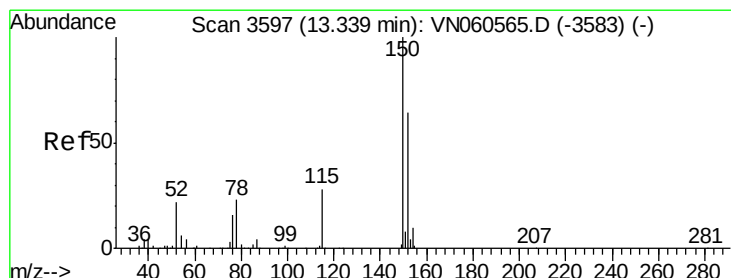
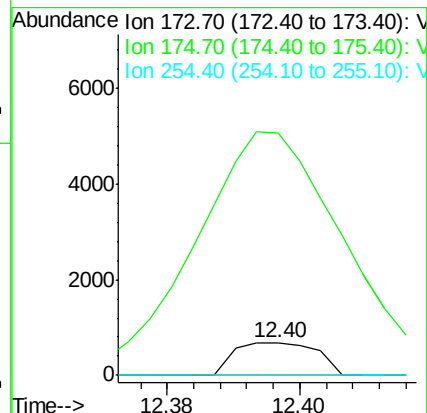
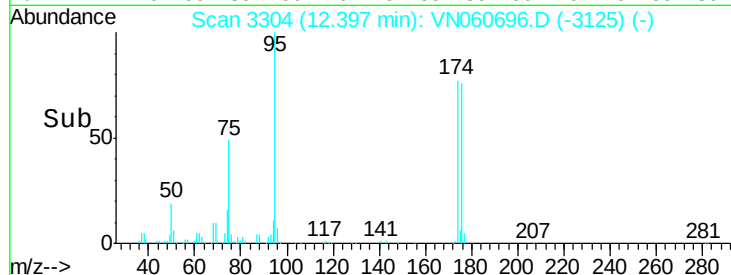
254 0.0 0.0 0.0



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# 3597

Delta R.T. -0.00 min

Lab File: VN060696.D

Acq: 25 Mar 2020 14:51

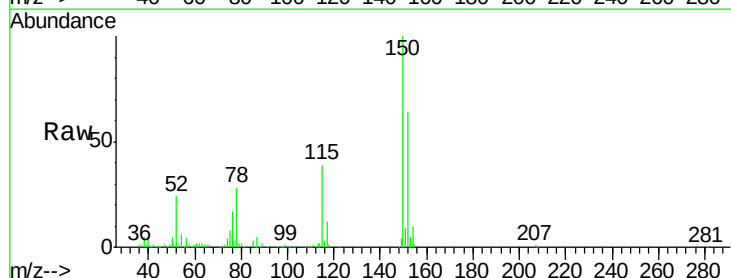
Tgt Ion:152 Resp: 134374

Ion Ratio Lower Upper

152 100

115 60.4 30.2 90.6

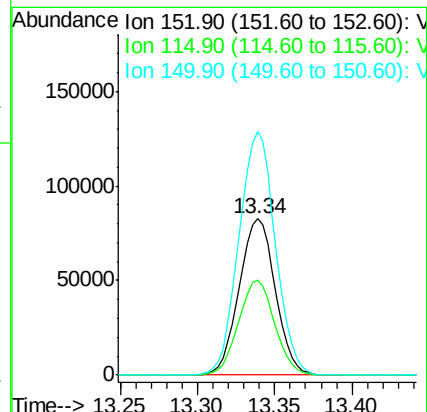
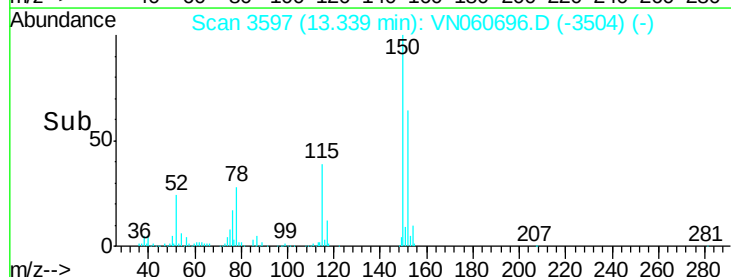
150 156.7 0.0 350.2

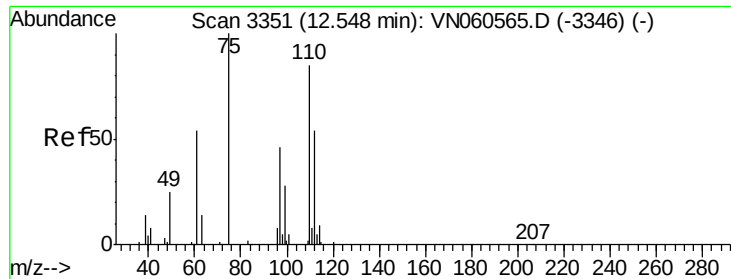


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.736 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060696.D

Acq: 25 Mar 2020 14:51

Instrument :

MSVOA_N

ClientSampleId :

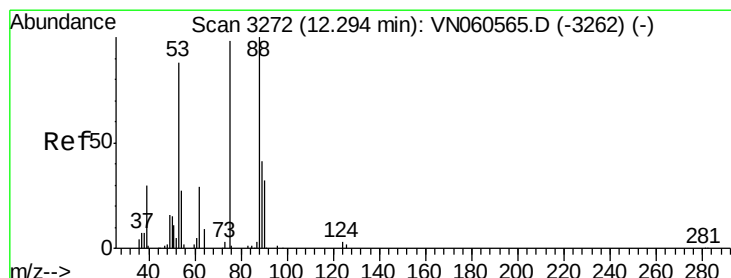
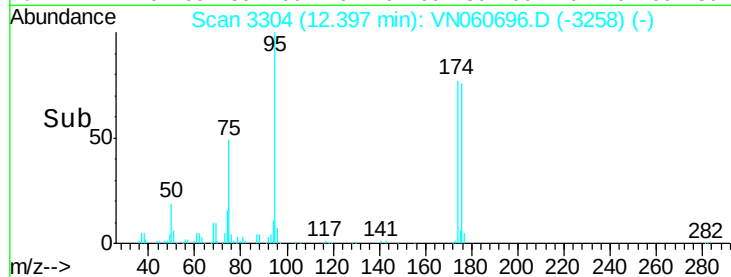
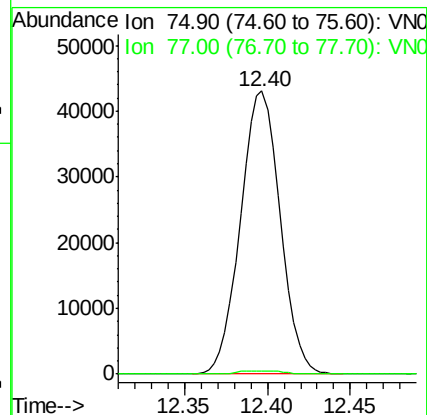
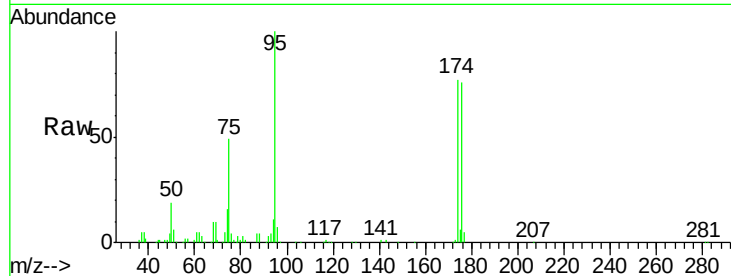
EB-20200316

Tgt Ion: 75 Resp: 71723

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.530 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060696.D

Acq: 25 Mar 2020 14:51

Tgt Ion: 75 Resp: 71723

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#

