

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031120\
 Data File : VN060445.D
 Acq On : 11 Mar 2020 13:18
 Operator : JC/MD
 Sample : L1853-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-EC-21-G

Quant Time: Mar 12 04:13:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

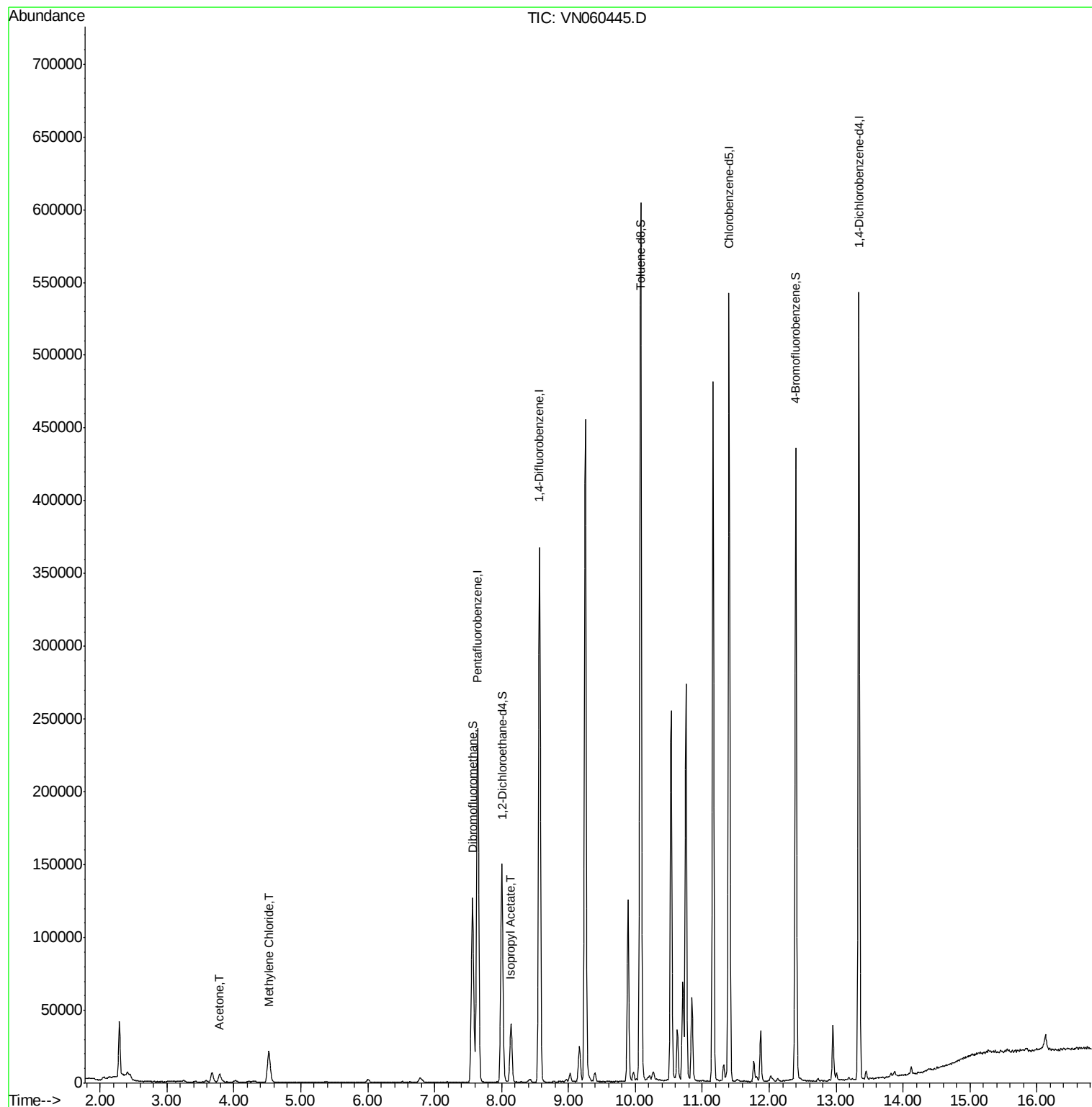
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	323781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	129175	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
35) Dibromofluoromethane	7.57	113	97407	64.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.62%	
50) Toluene-d8	10.08	98	402125	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.40	95	146341	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
Target Compounds						
16) Acetone	3.79	43	10791	13.213	ug/l	91
20) Methylene Chloride	4.52	84	16340	7.285	ug/l	94
43) Isopropyl Acetate	8.14	43	49400	9.657	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060445.D

Acq: 11 Mar 2020 13:18

Instrument :

MSVOA_N

ClientSampleId :

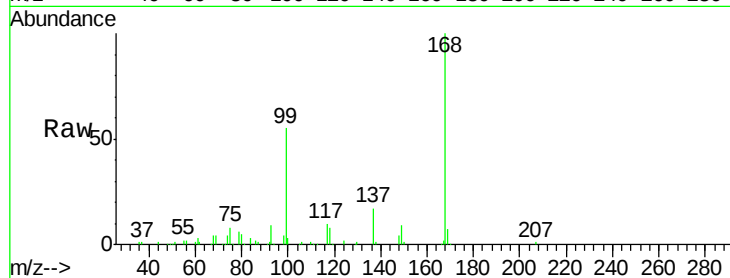
CB-EC-21-G

Tot Ion:168 Resp: 197119

Ion Ratio Lower Upper

168 100

99 55.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

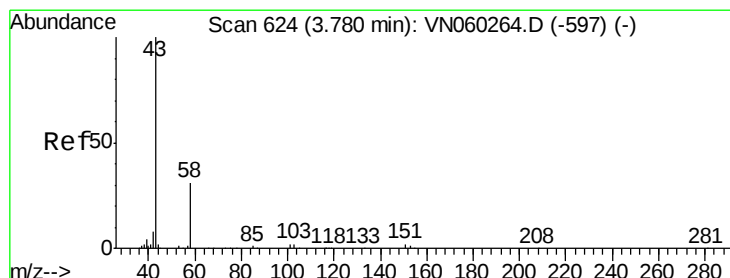
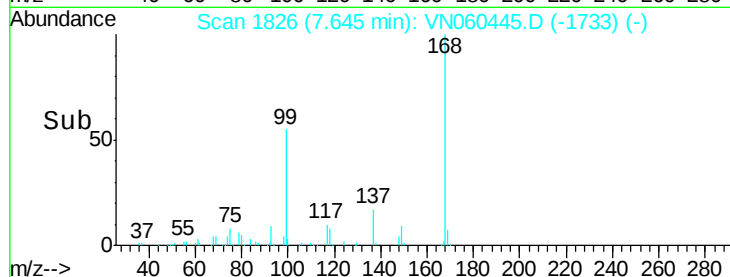
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 13.213 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060445.D

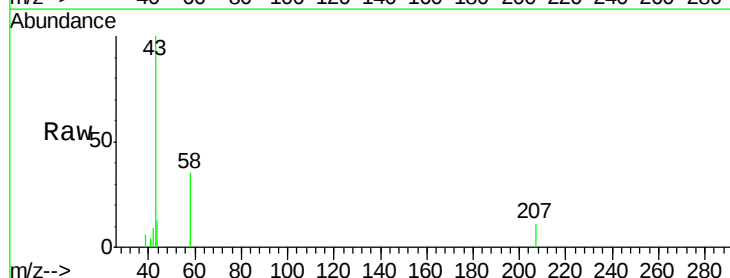
Acq: 11 Mar 2020 13:18

Tgt Ion: 43 Resp: 10791

Ion Ratio Lower Upper

43 100

58 35.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

4000

3000

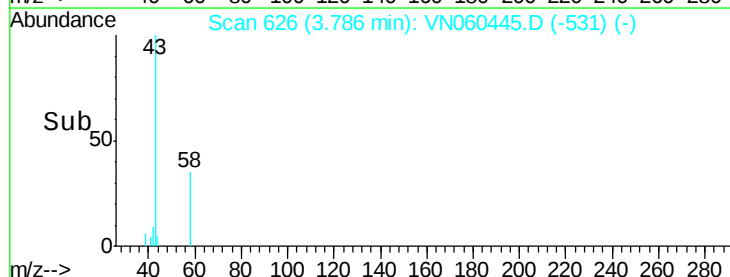
2000

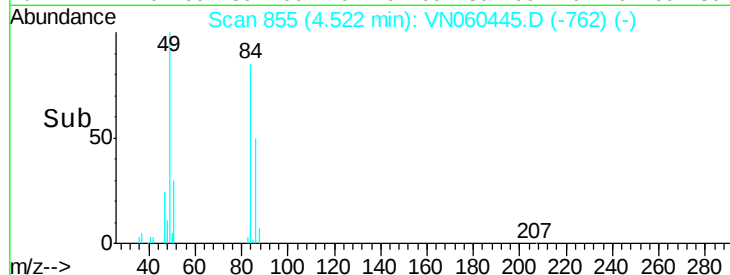
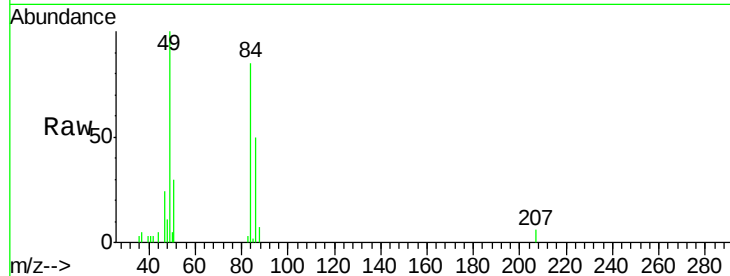
1000

0

3.70 3.75 3.80 3.85

Time-->

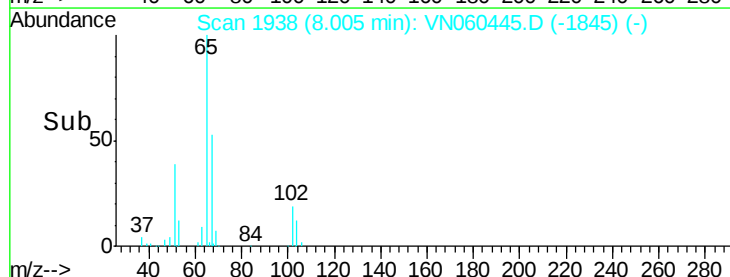
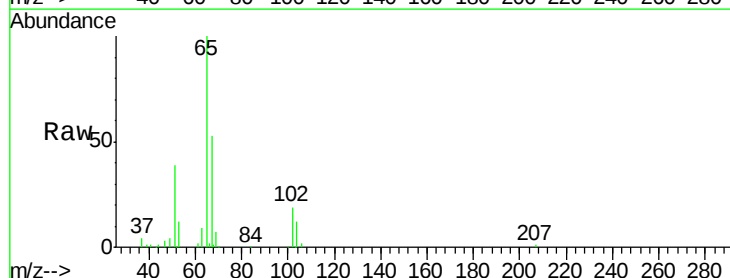
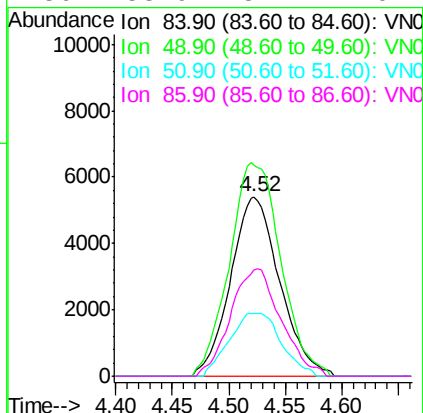




#20
Methvlene Chloride
Concen: 7.285 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060445.D
Acq: 11 Mar 2020 13:18

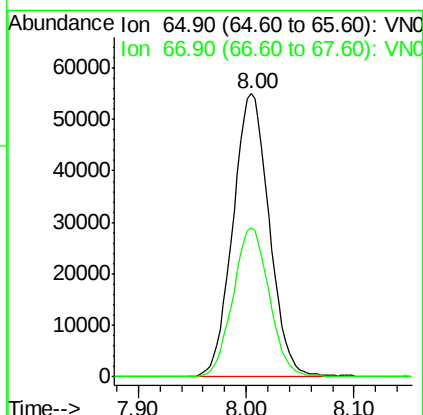
Instrument :
MSVOA_N
ClientSampleId :
CB-EC-21-G

Tot Ion:	84	Resp:	16340
Ion	Ratio	Lower	Upper
84	100		
49	117.7	99.3	148.9
51	34.9	30.1	45.1
86	58.9	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 51.076 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060445.D
Acq: 11 Mar 2020 13:18

Tgt Ion:	65	Resp:	129175
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060445.D

Acq: 11 Mar 2020 13:18

Instrument :

MSVOA_N

ClientSampleId :

CB-EC-21-G

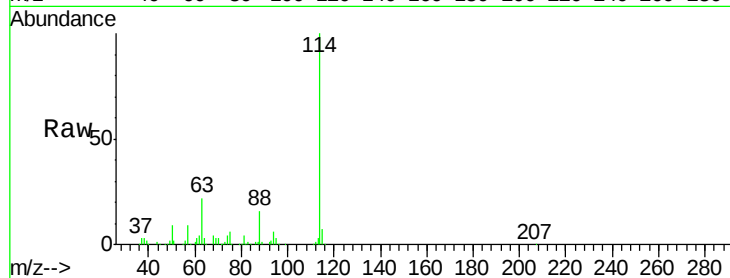
Tot Ion:114 Resp: 323781

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

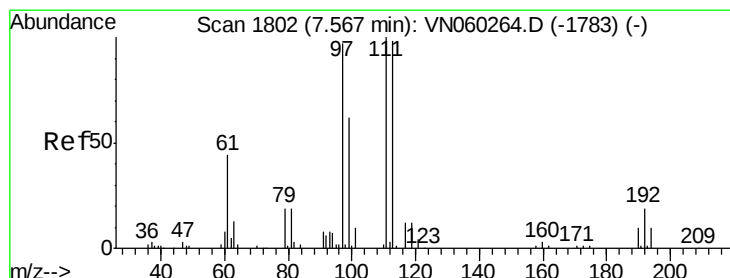
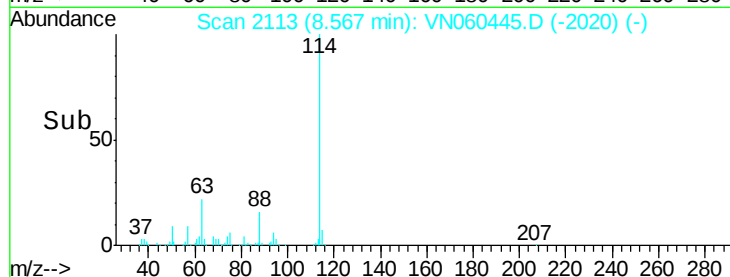
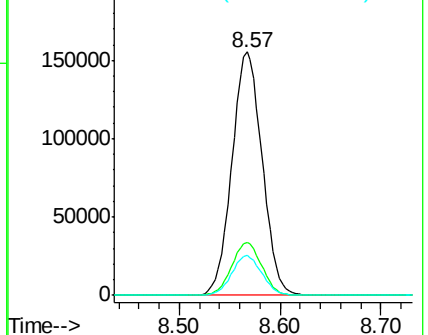
88 16.3 0.0 31.6



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: 64.813 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060445.D

Acq: 11 Mar 2020 13:18

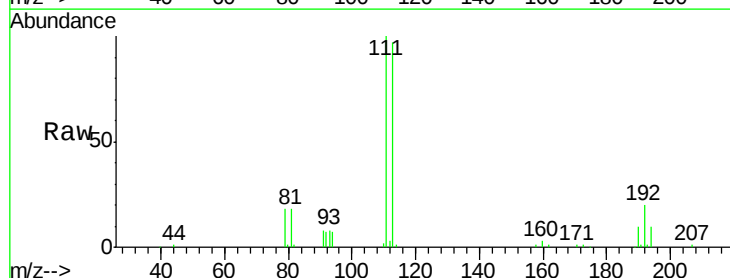
Tgt Ion:113 Resp: 97407

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

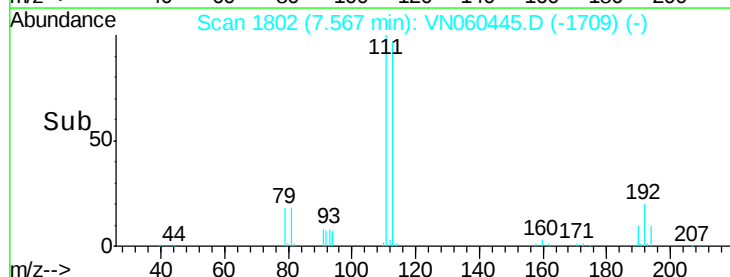
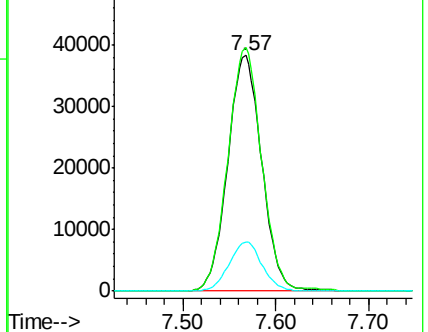
192 20.3 16.2 24.2



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





#43

Isopropyl Acetate

Concen: 9.657 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060445.D

Acq: 11 Mar 2020 13:18

Instrument :

MSVOA_N

ClientSampleId :

CB-EC-21-G

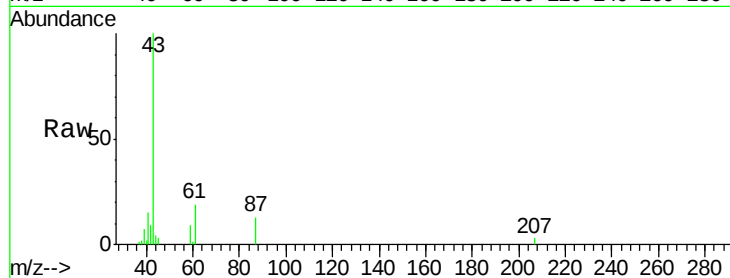
Tot Ion: 43 Resp: 49400

Ion Ratio Lower Upper

43 100

61 19.1 20.9 31.3#

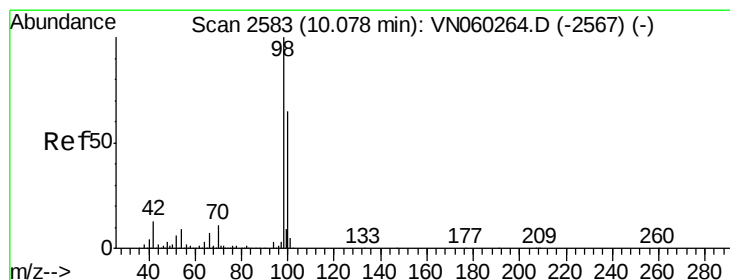
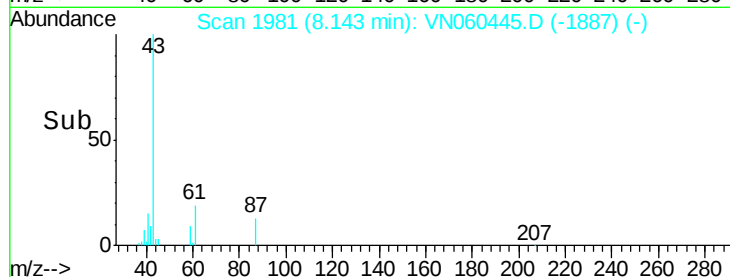
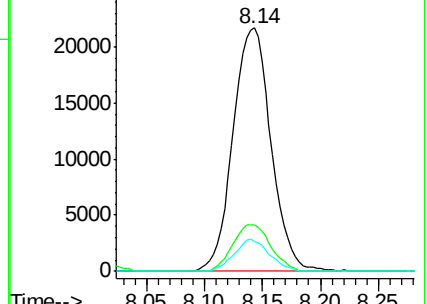
87 12.2 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



#50

Toluene-d8

Concen: 52.867 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060445.D

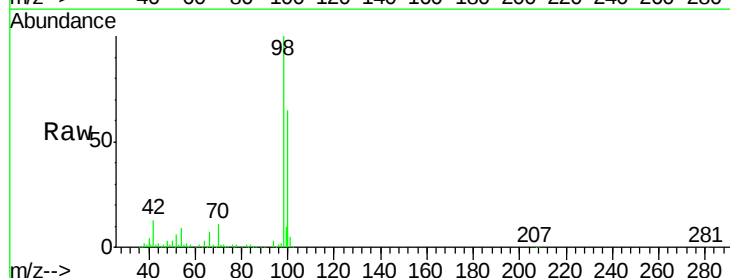
Acq: 11 Mar 2020 13:18

Tgt Ion: 98 Resp: 402125

Ion Ratio Lower Upper

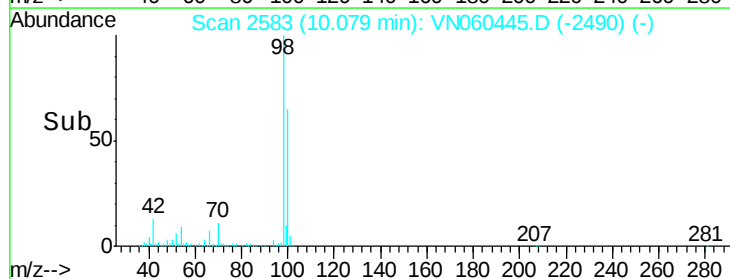
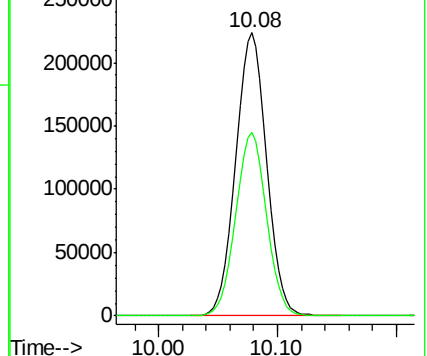
98 100

100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)

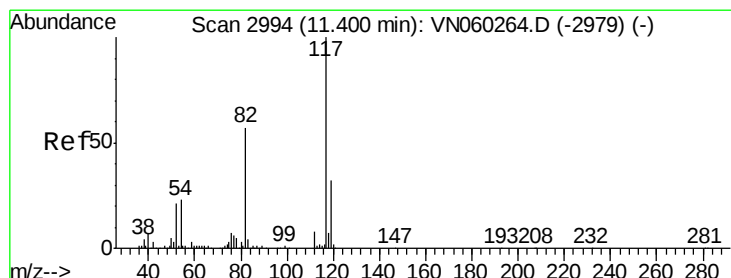
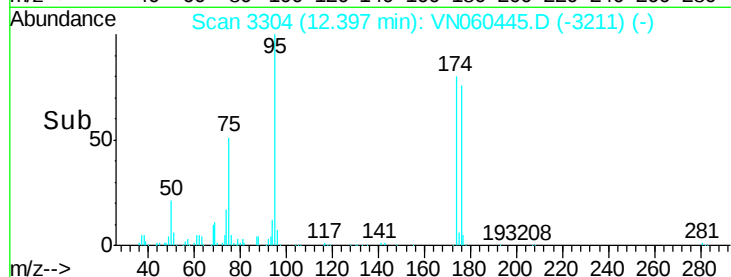
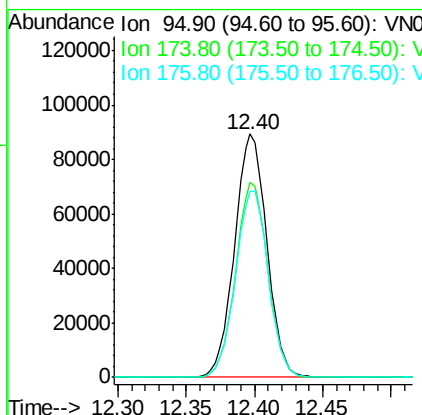
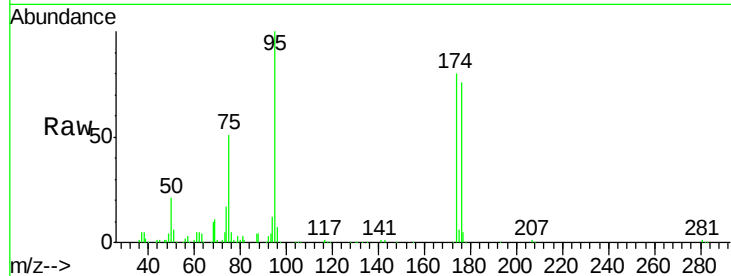




#62
4-Bromofluorobenzene
Concen: 50.754 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060445.D
Acq: 11 Mar 2020 13:18

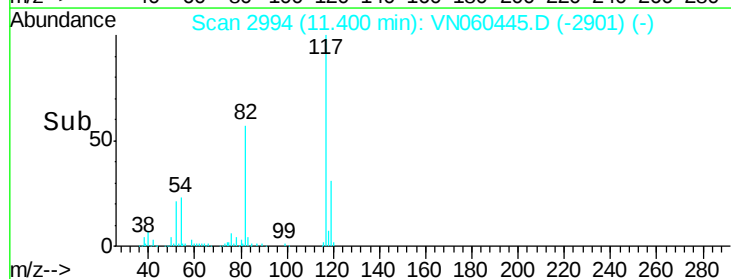
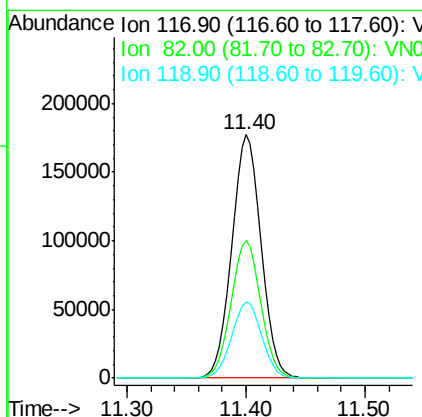
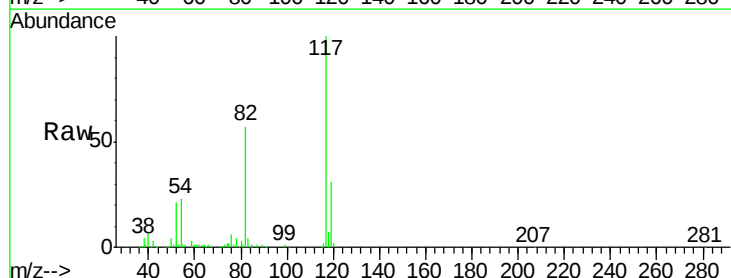
Instrument :
MSVOA_N
ClientSampleId :
CB-EC-21-G

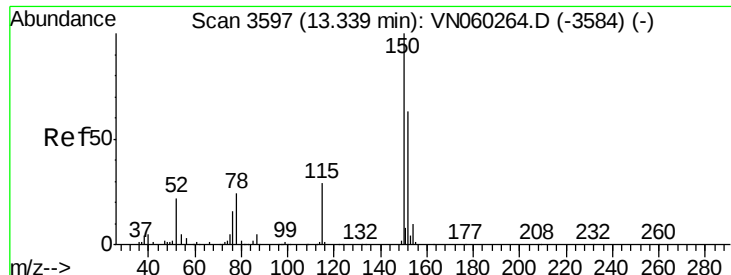
Tot Ion: 95 Resp: 146341
Ion Ratio Lower Upper
95 100
174 80.0 0.0 159.2
176 78.0 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060445.D
Acq: 11 Mar 2020 13:18

Tgt Ion: 117 Resp: 302049
Ion Ratio Lower Upper
117 100
82 56.6 45.8 68.6
119 31.4 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060445.D

Acq: 11 Mar 2020 13:18

Instrument :

MSVOA_N

ClientSampleId :

CB-EC-21-G

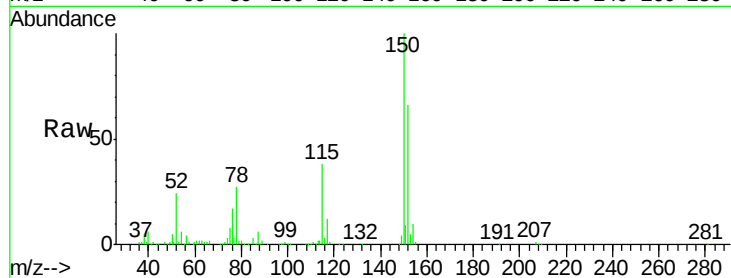
Tot Ion:152 Resp: 141630

Ion Ratio Lower Upper

152 100

115 58.6 30.0 90.0

150 154.0 0.0 349.6



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

