

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021920\
 Data File : VN060156.D
 Acq On : 19 Feb 2020 15:18
 Operator : JC/MD
 Sample : L1573-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOC-3

Quant Time: Feb 20 03:12:57 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

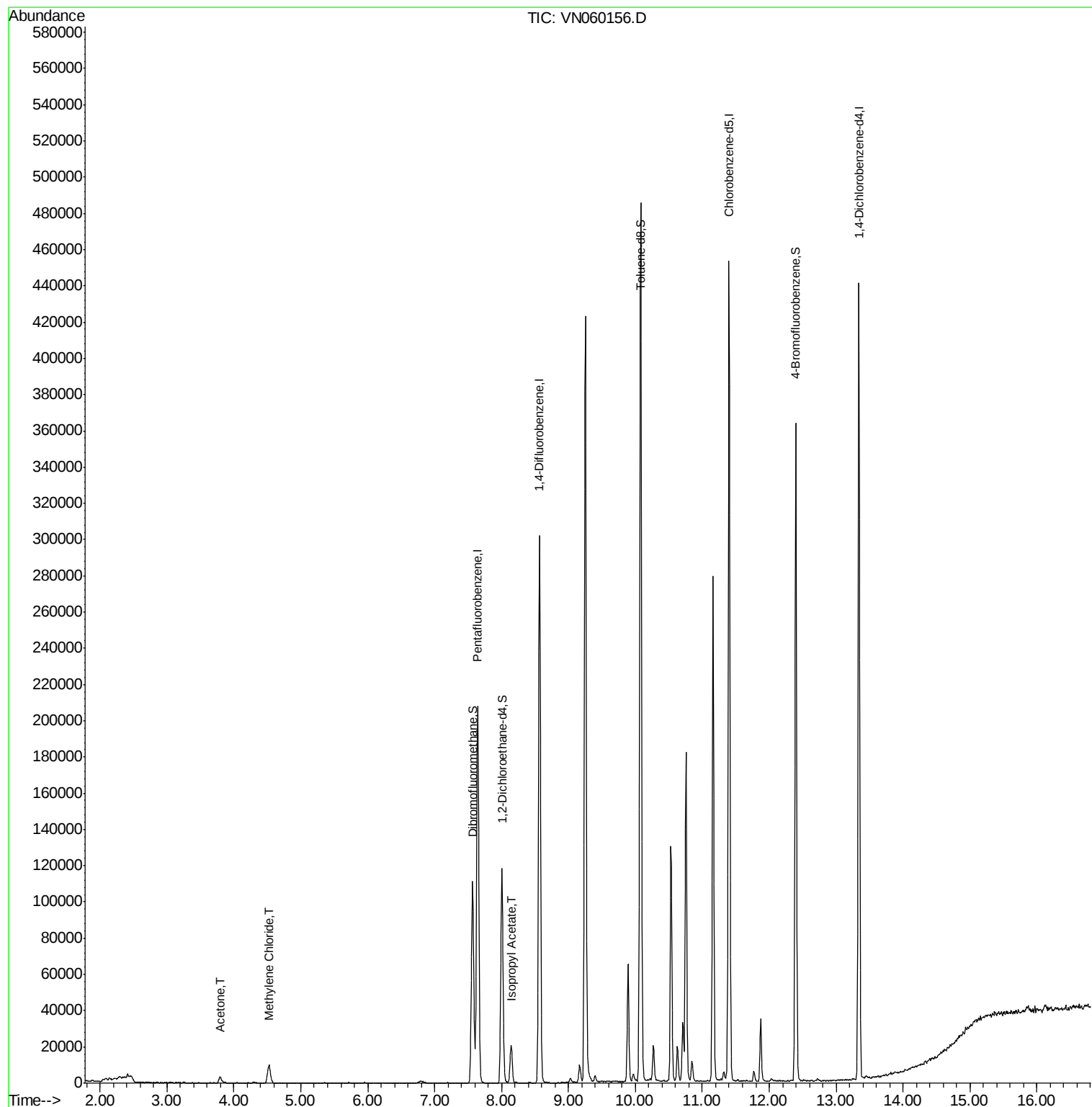
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	173206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	275995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	263560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	103244	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
35) Dibromofluoromethane	7.57	113	84240	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
50) Toluene-d8	10.08	98	338219	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.40	95	121228	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
Target Compounds						
16) Acetone	3.79	43	6465	7.032	ug/l #	88
20) Methylene Chloride	4.53	84	8448	4.606	ug/l #	83
43) Isopropyl Acetate	8.15	43	25883	6.554	ug/l #	89

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021920\
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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# 1826

Delta R.T. 0.00 min

Lab File: VN060156.D

Acq: 19 Feb 2020 15:18

Instrument :

MSVOA_N

ClientSampled :

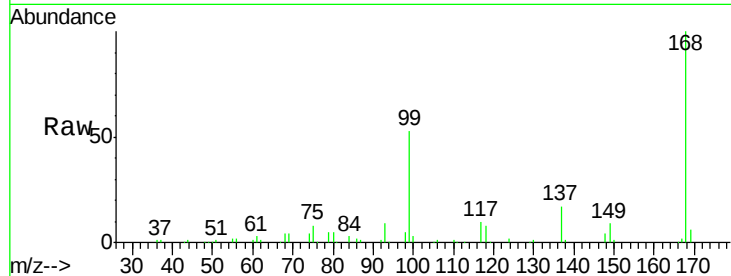
LOC-3

Tot Ion:168 Resp: 173206

Ion Ratio Lower Upper

168 100

99 52.9 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

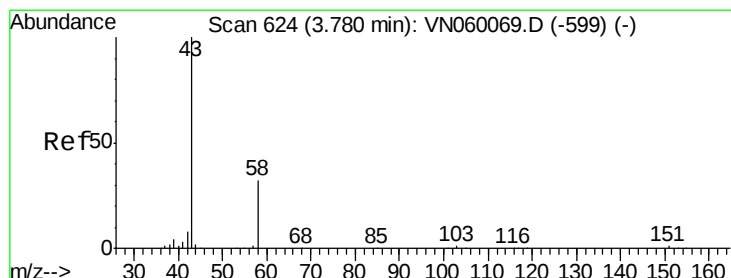
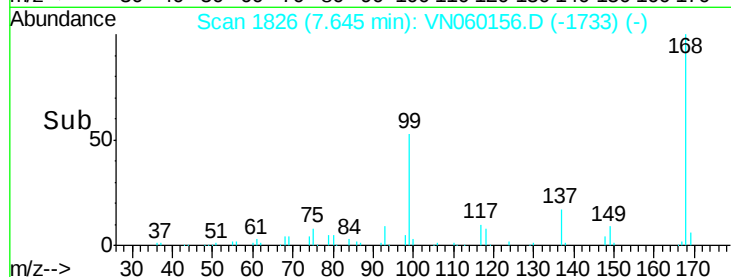
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 7.032 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060156.D

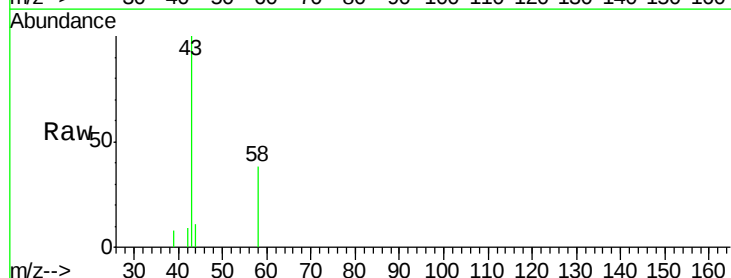
Acq: 19 Feb 2020 15:18

Tgt Ion: 43 Resp: 6465

Ion Ratio Lower Upper

43 100

58 38.0 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

2000

1500

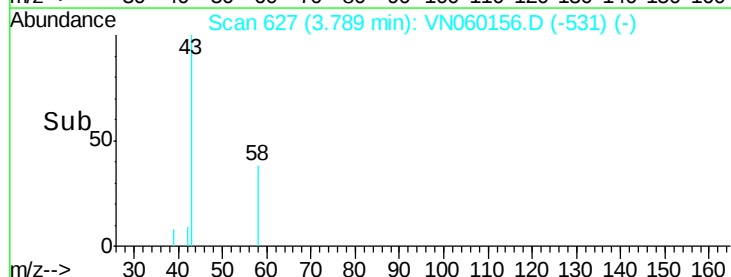
1000

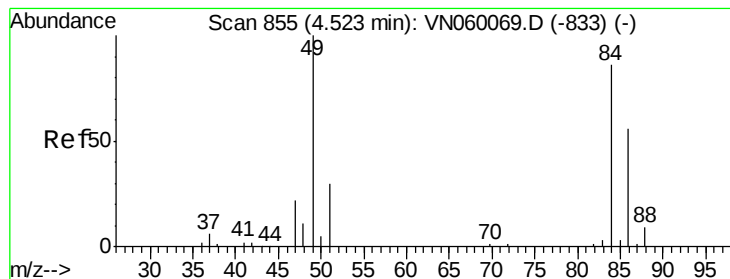
500

0

3.70 3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 4.606 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060156.D

Acq: 19 Feb 2020 15:18

Instrument :

MSVOA_N

ClientSampled :

LOC-3

Tot Ion: 84 Resp: 8448

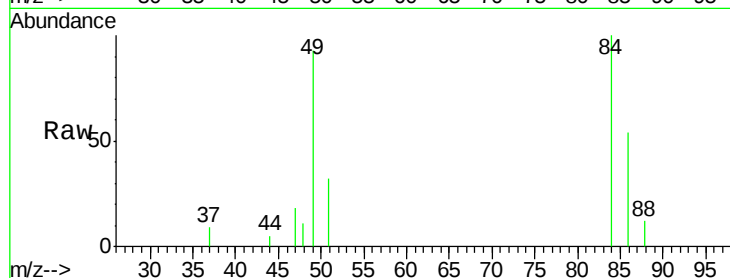
Ion Ratio Lower Upper

84 100

49 92.9 93.4 140.0#

51 32.2 28.4 42.6

86 53.8 52.5 78.7

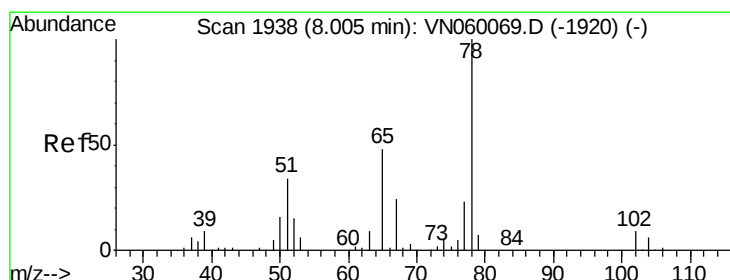
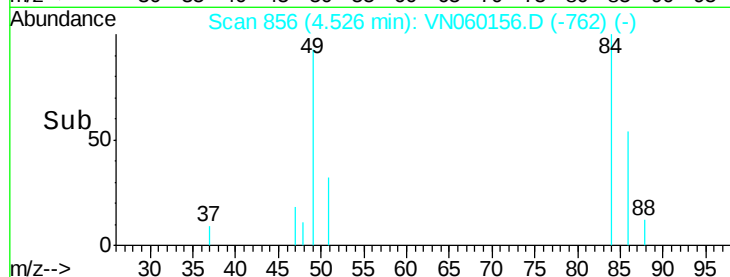
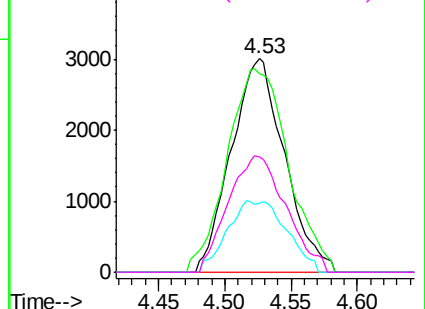


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.986 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060156.D

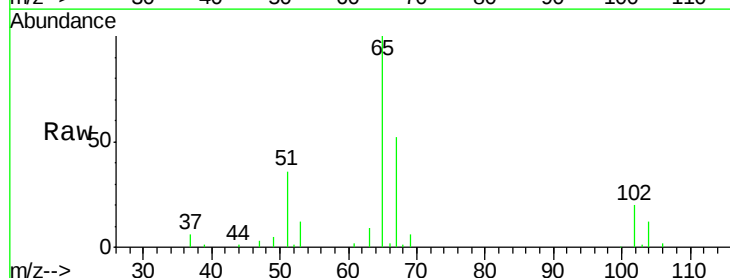
Acq: 19 Feb 2020 15:18

Tgt Ion: 65 Resp: 103244

Ion Ratio Lower Upper

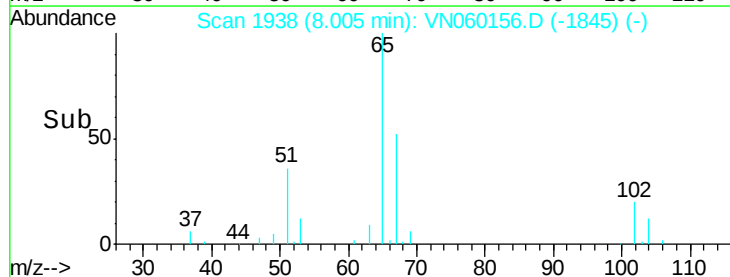
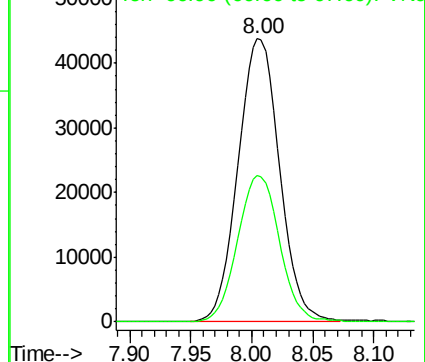
65 100

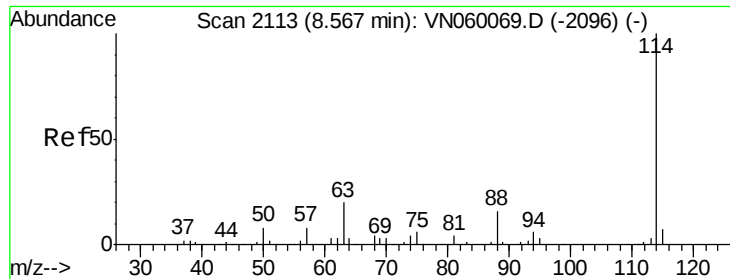
67 52.2 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

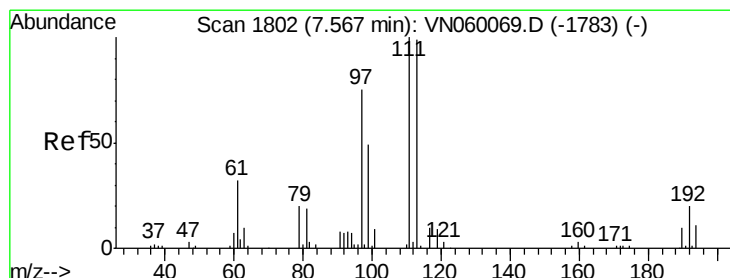
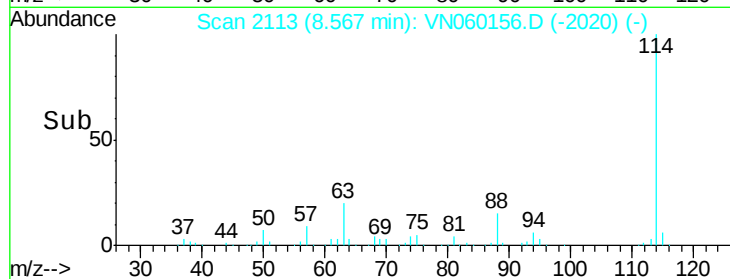
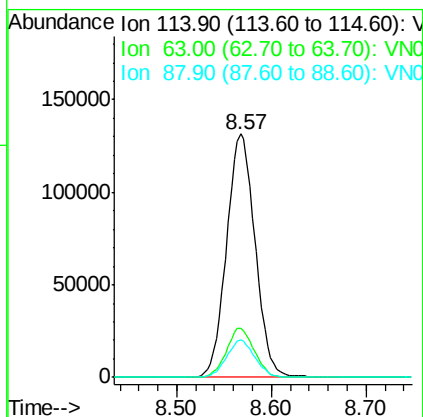
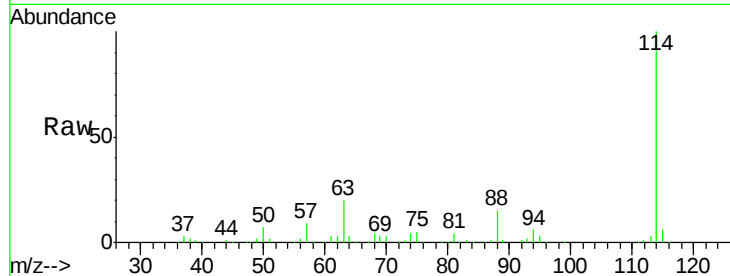




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060156.D
 Acq: 19 Feb 2020 15:18

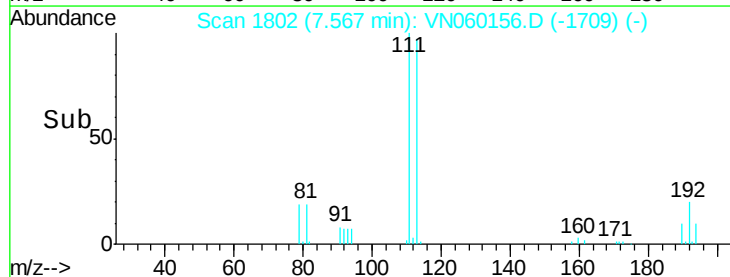
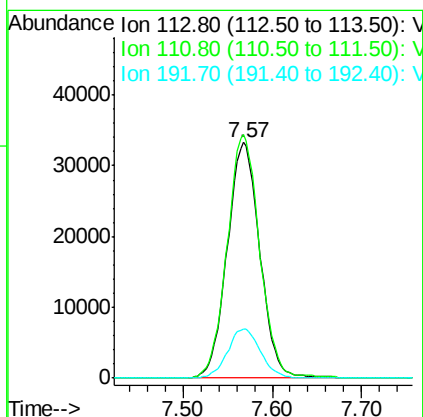
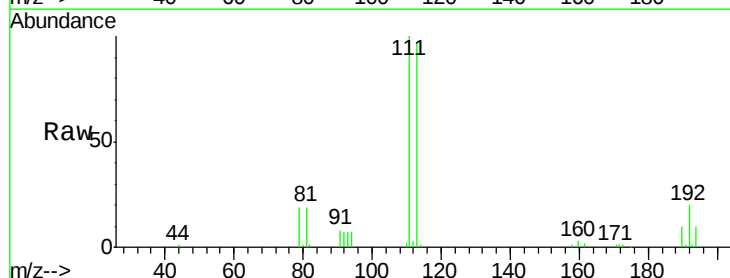
Instrument :
 MSVOA_N
 ClientSampleId :
 LOC-3

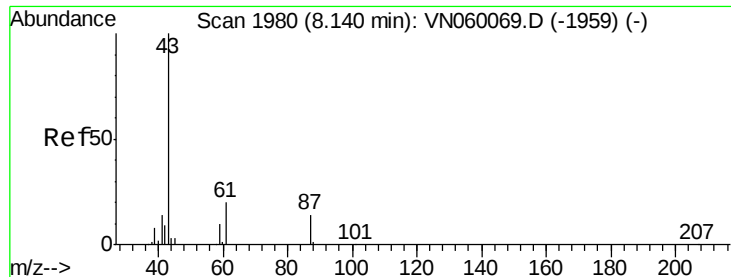
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.0
88	15.4	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 49.654 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060156.D
 Acq: 19 Feb 2020 15:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.2
192	21.0	16.2	24.2





#43

Isopropyl Acetate

Concen: 6.554 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VN060156.D

Acq: 19 Feb 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

LOC-3

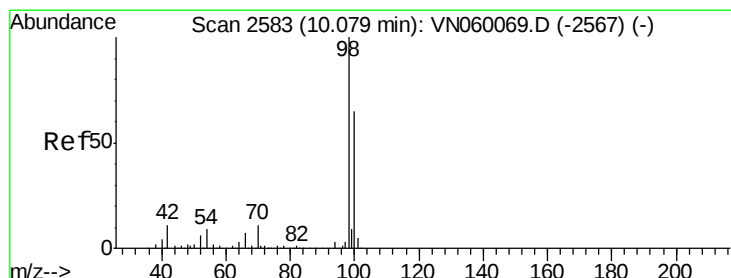
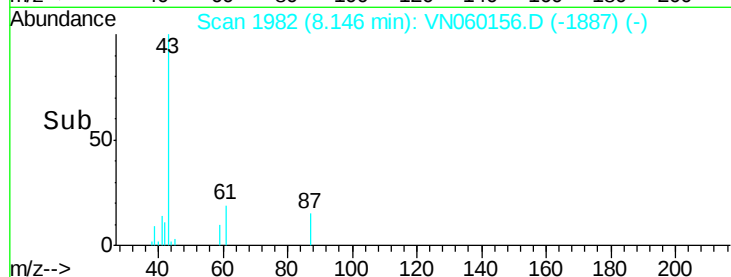
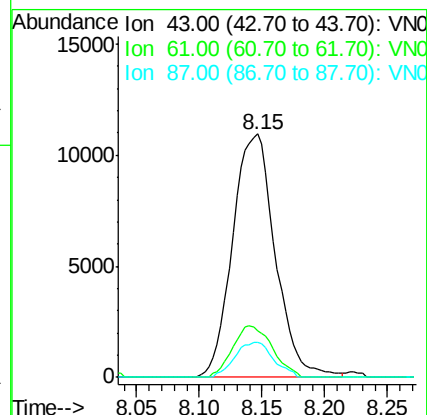
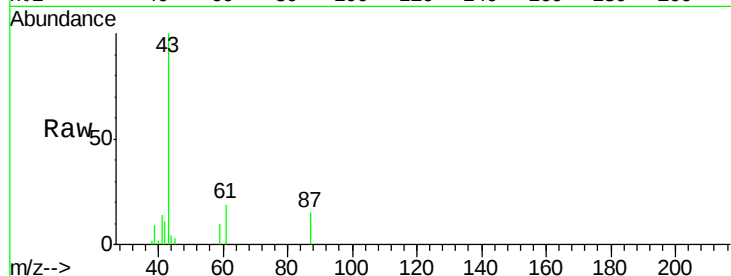
Tot Ion: 43 Resp: 25883

Ion Ratio Lower Upper

43 100

61 19.7 21.8 32.6#

87 13.0 11.4 17.2



#50

Toluene-d8

Concen: 50.625 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060156.D

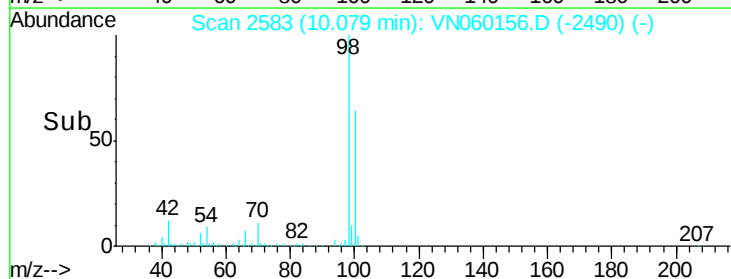
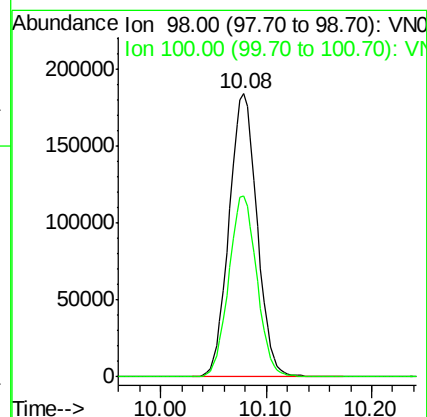
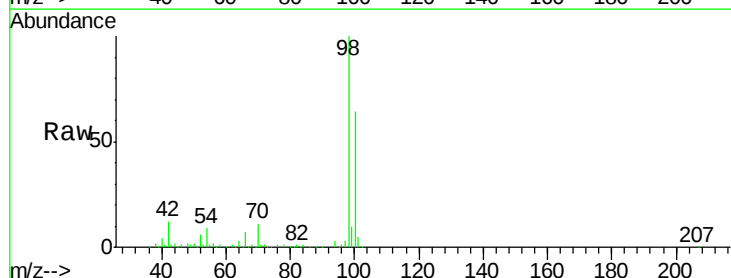
Acq: 19 Feb 2020 15:18

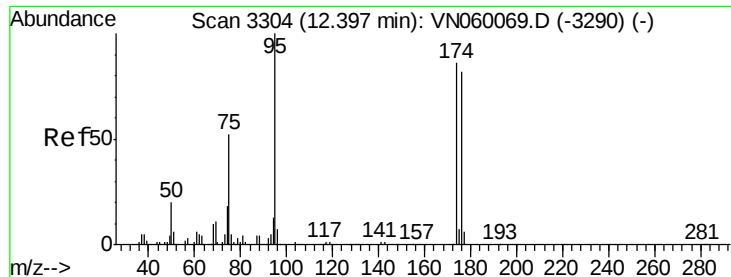
Tgt Ion: 98 Resp: 338219

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 49.382 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060156.D

Acq: 19 Feb 2020 15:18

Instrument :

MSVOA_N

ClientSampled :

LOC-3

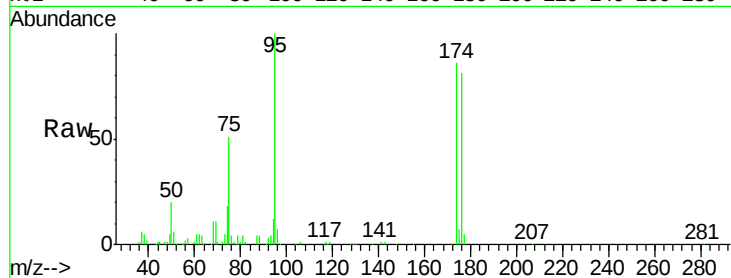
Tot Ion: 95 Resp: 121228

Ion Ratio Lower Upper

95 100

174 85.0 0.0 169.8

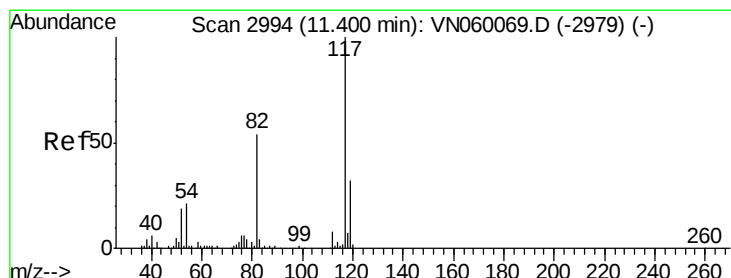
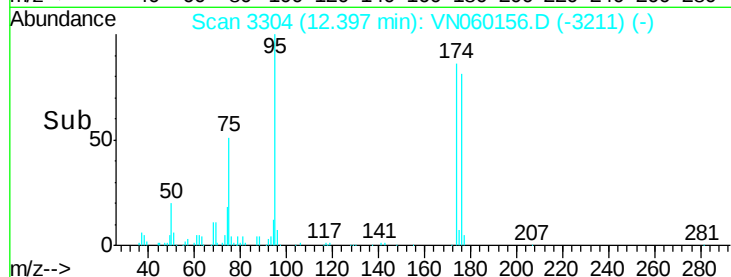
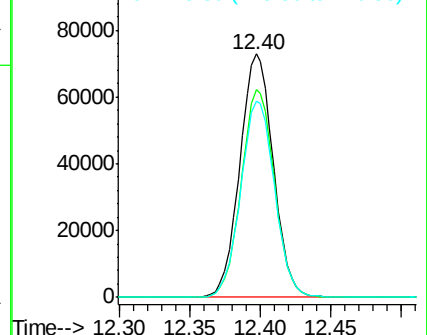
176 81.7 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060069.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060069.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060069.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060156.D

Acq: 19 Feb 2020 15:18

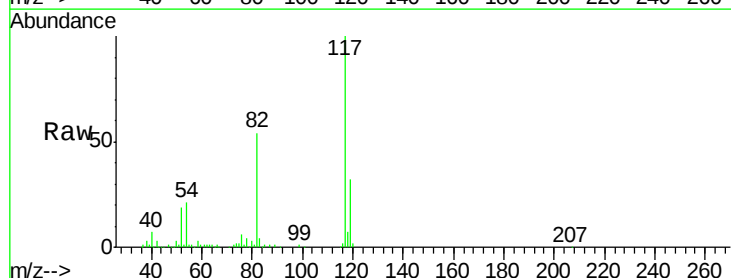
Tgt Ion: 117 Resp: 263560

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

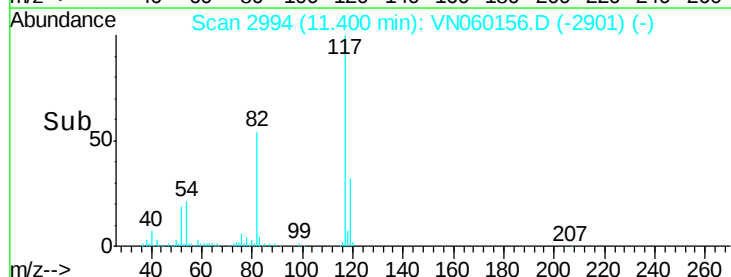
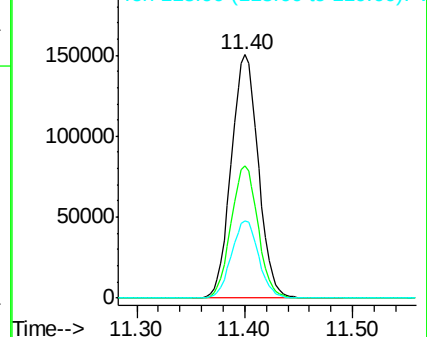
119 31.8 25.8 38.6

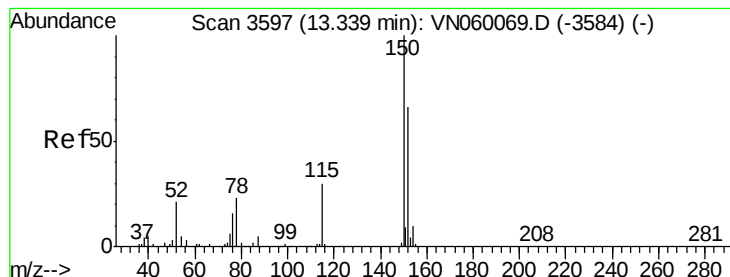


Abundance Ion 116.90 (116.60 to 117.60): VN060069.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060069.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060069.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060156.D

Acq: 19 Feb 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

LOC-3

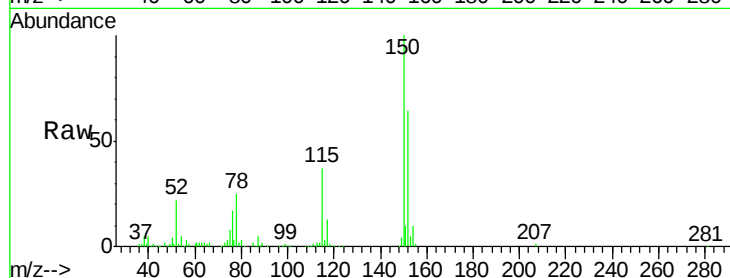
Tot Ion:152 Resp: 116574

Ion Ratio Lower Upper

152 100

115 58.6 28.9 86.8

150 158.2 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

