

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
 Data File : VN057096.D
 Acq On : 6 Aug 2019 12:24
 Operator : JC/SP
 Sample : K4131-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1S-E1-(0-1)

Quant Time: Aug 07 04:01:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

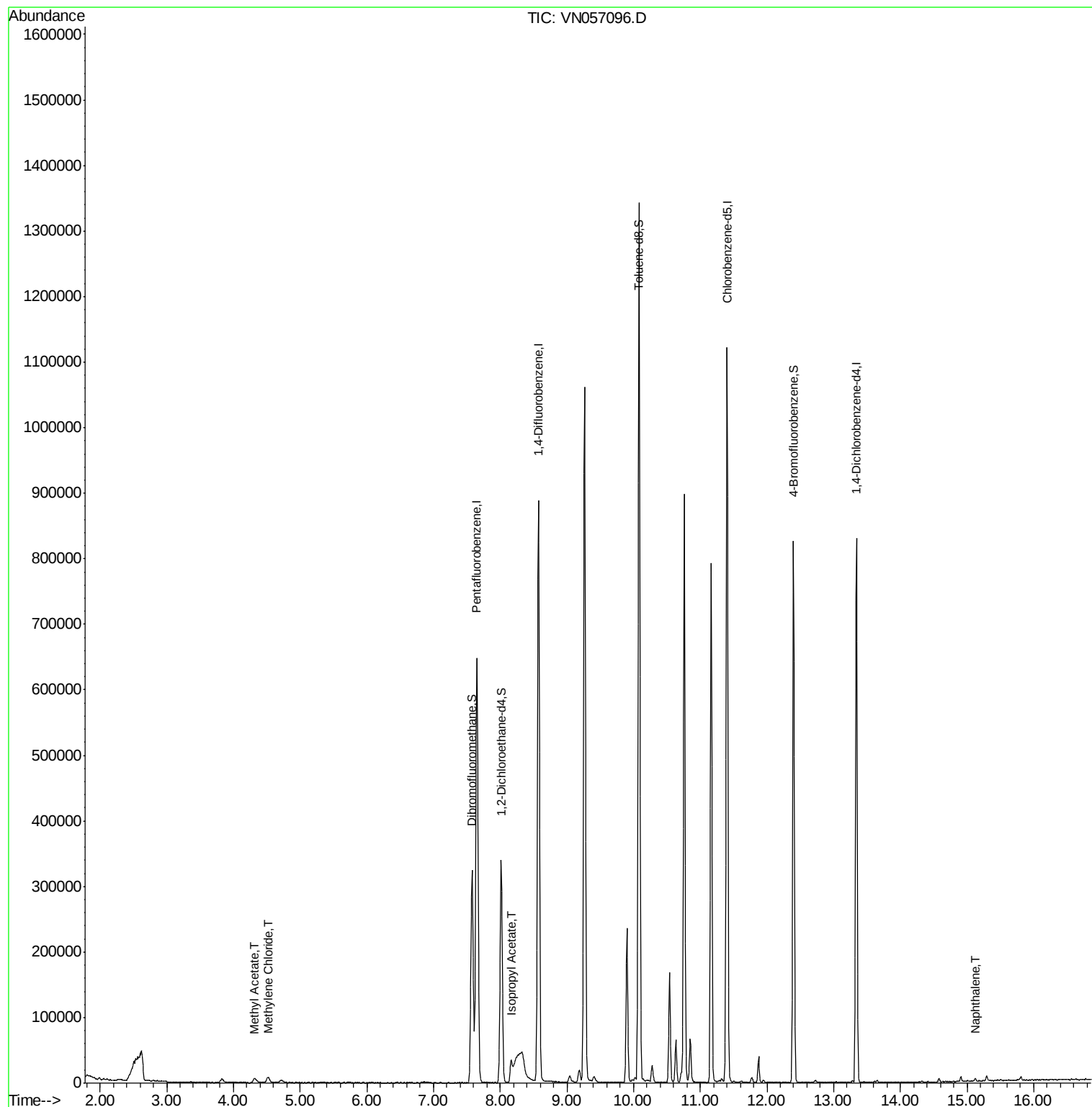
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	590696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	855213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	704540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	241622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	291756	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
35) Dibromofluoromethane	7.58	113	253405	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
50) Toluene-d8	10.08	98	976276	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
62) 4-Bromofluorobenzene	12.40	95	281640	41.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.88%	
Target Compounds						
18) Methyl Acetate	4.32	43	15890	2.274	ug/l	92
20) Methylene Chloride	4.52	84	7152	1.133	ug/l	90
43) Isopropyl Acetate	8.17	43	35569	3.571	ug/l #	72
95) Naphthalene	15.12	128	4119	3.960	ug/l #	91

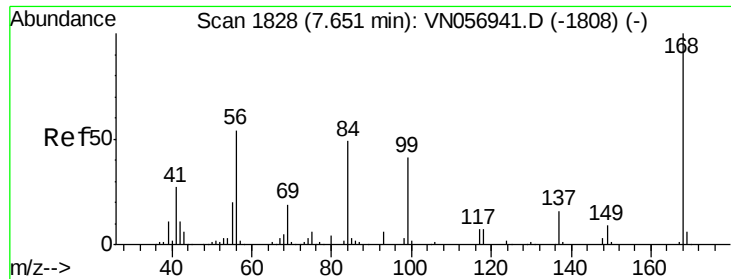
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057096.D

Acq: 6 Aug 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

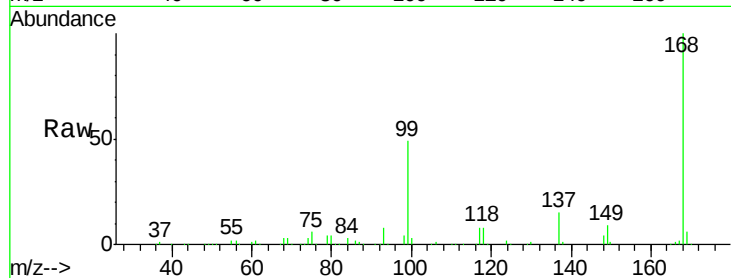
1S-E1-(0-1)

Tot Ion:168 Resp: 590696

Ion Ratio Lower Upper

168 100

99 48.9 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

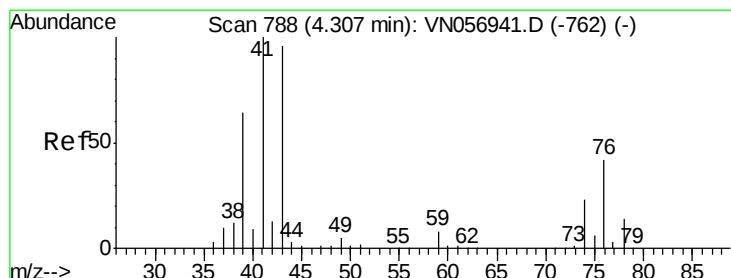
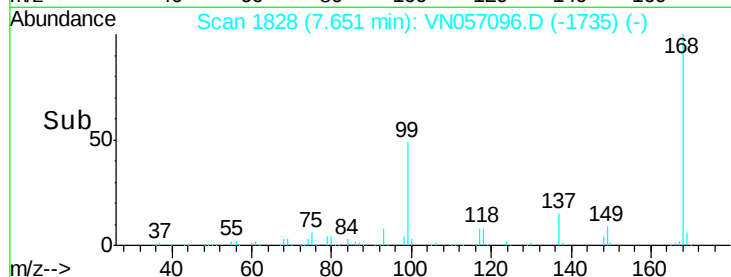
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.274 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN057096.D

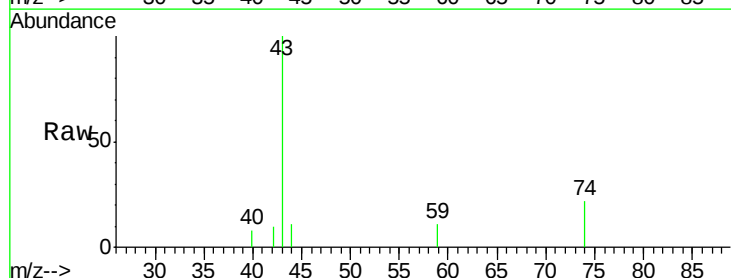
Acq: 6 Aug 2019 12:24

Tgt Ion: 43 Resp: 15890

Ion Ratio Lower Upper

43 100

74 20.4 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.32

5000

4000

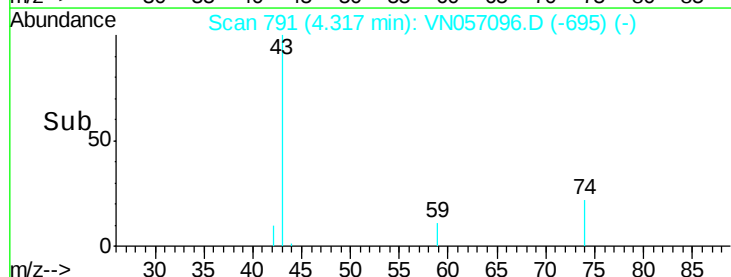
3000

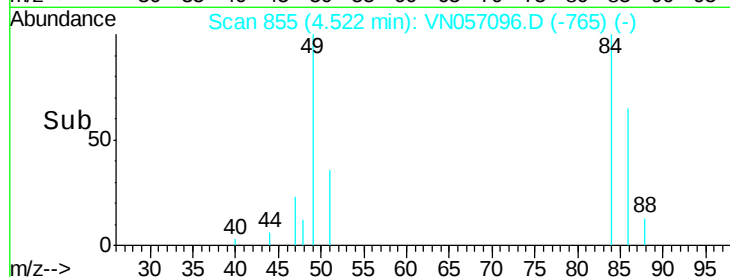
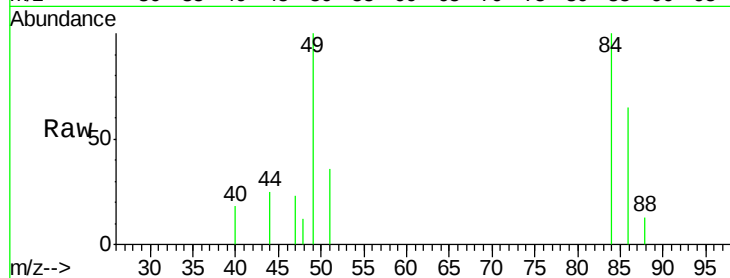
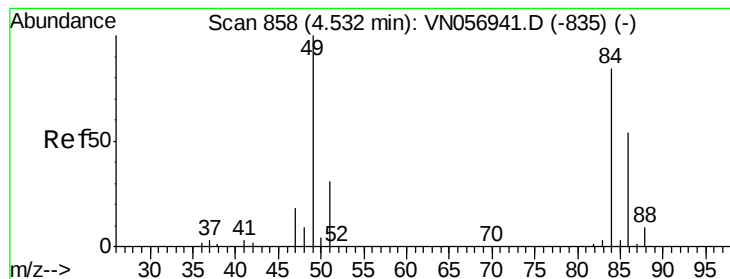
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 1.133 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.01 min

Lab File: VN057096.D

Acq: 6 Aug 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

1S-E1-(0-1)

Tot Ion: 84 Resp: 7152

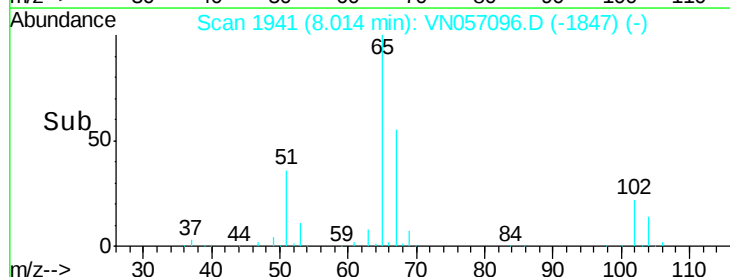
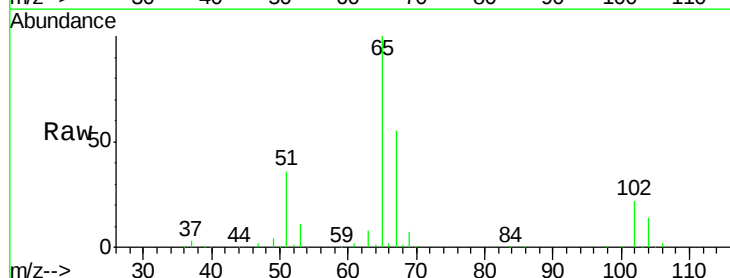
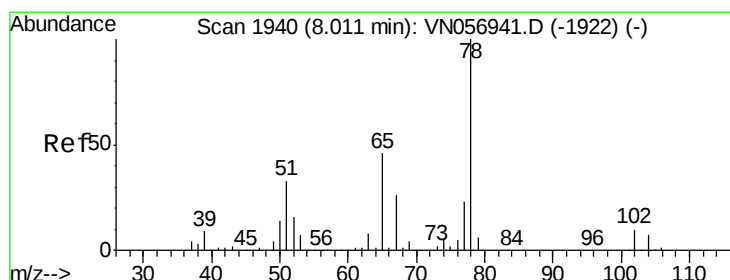
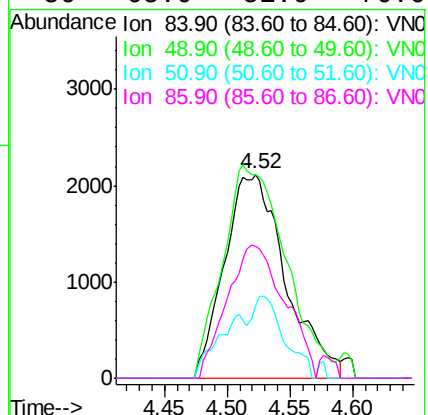
Ion Ratio Lower Upper

84 100

49 99.8 95.2 142.8

51 36.0 29.7 44.5

86 65.0 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 48.251 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057096.D

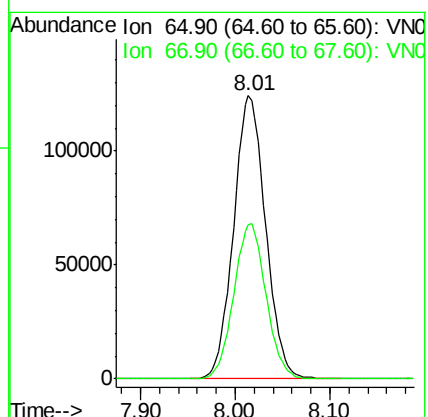
Acq: 6 Aug 2019 12:24

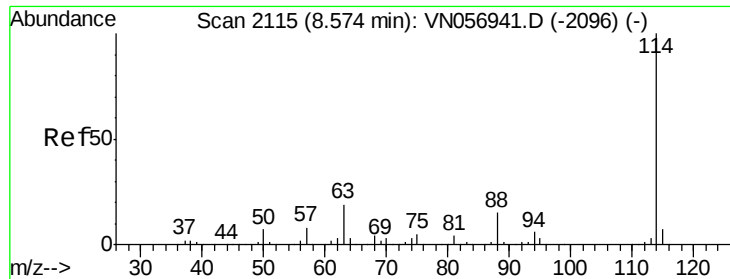
Tgt Ion: 65 Resp: 291756

Ion Ratio Lower Upper

65 100

67 54.9 0.0 112.0

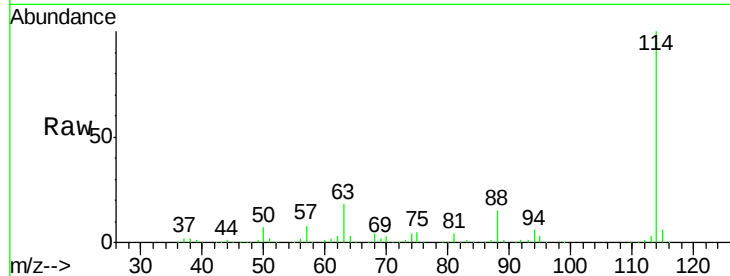




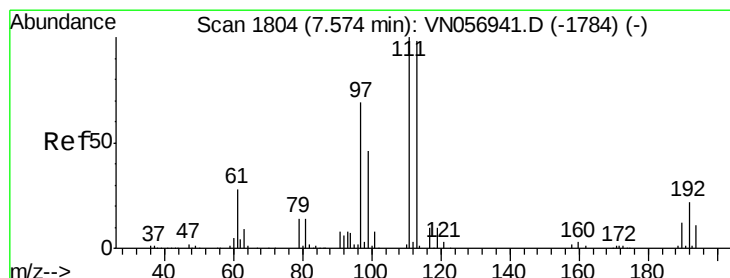
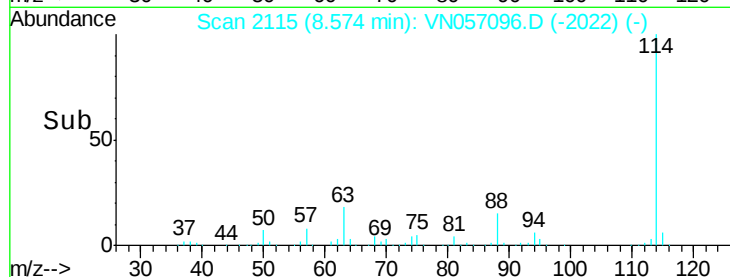
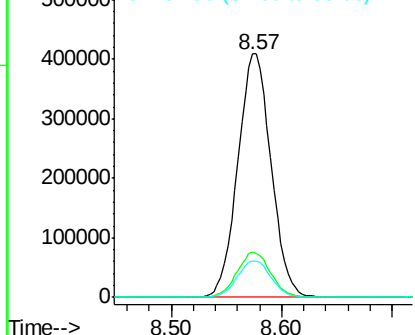
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057096.D
 Acq: 6 Aug 2019 12:24

Instrument :
 MSVOA_N
 ClientSampled :
 1S-E1-(0-1)

Tot Ion:114 Resp: 855213
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.0
 88 14.8 0.0 30.0

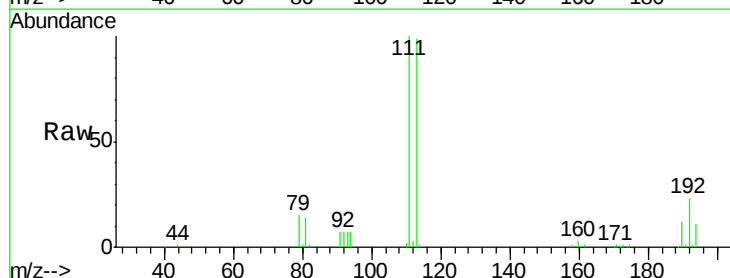


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

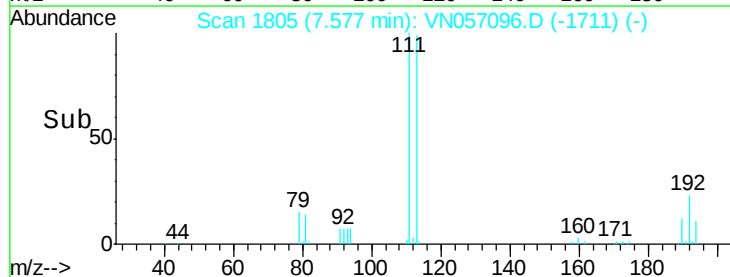
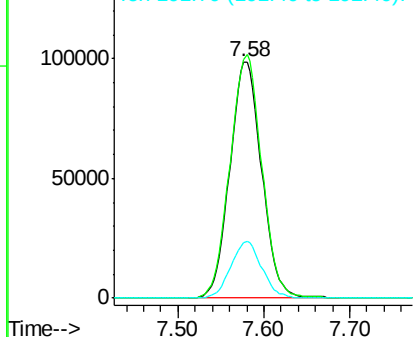


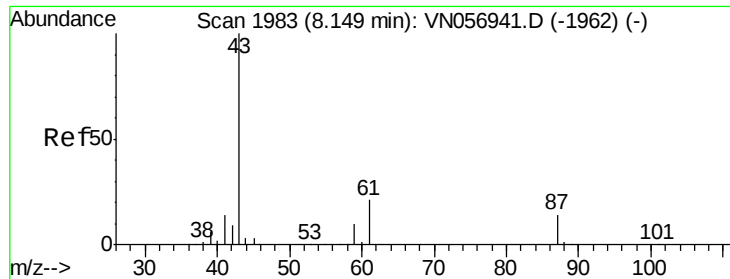
#35
 Dibromofluoromethane
 Concen: 46.286 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057096.D
 Acq: 6 Aug 2019 12:24

Tgt Ion:113 Resp: 253405
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 23.4 18.4 27.6



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: 3.571 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.02 min

Lab File: VN057096.D

Acq: 6 Aug 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

1S-E1-(0-1)

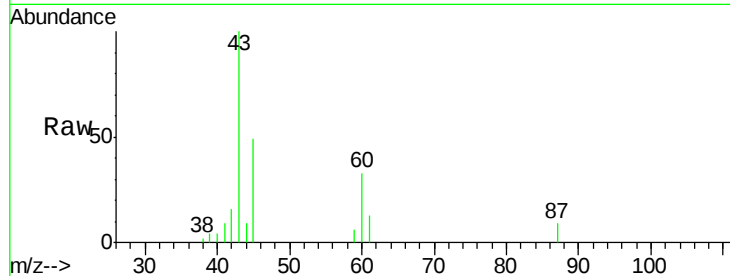
Tot Ion: 43 Resp: 35569

Ion Ratio Lower Upper

43 100

61 11.2 23.0 34.6#

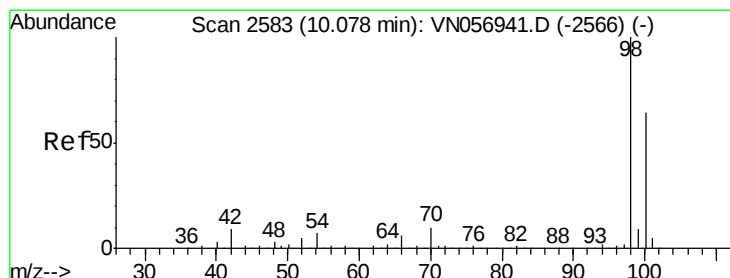
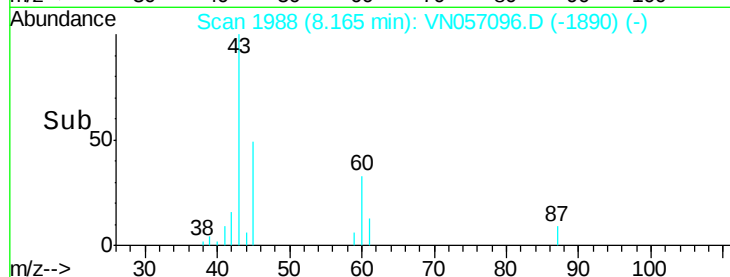
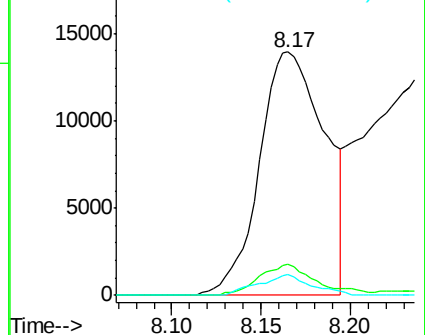
87 6.8 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 46.761 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057096.D

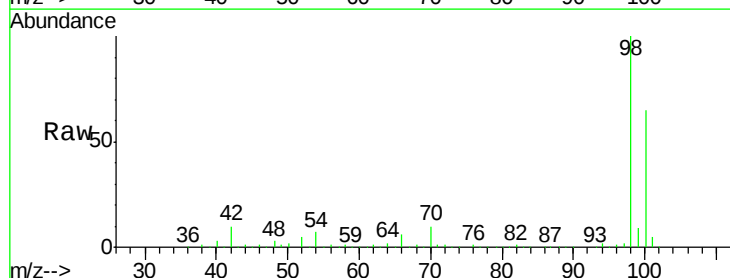
Acq: 6 Aug 2019 12:24

Tgt Ion: 98 Resp: 976276

Ion Ratio Lower Upper

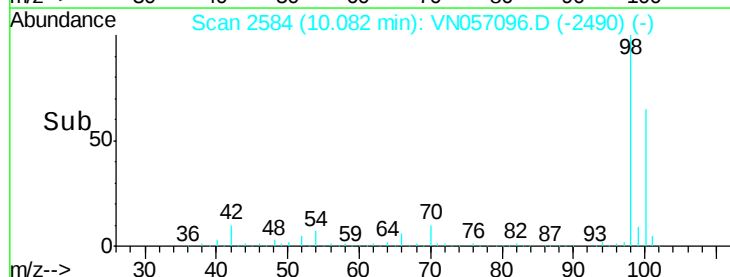
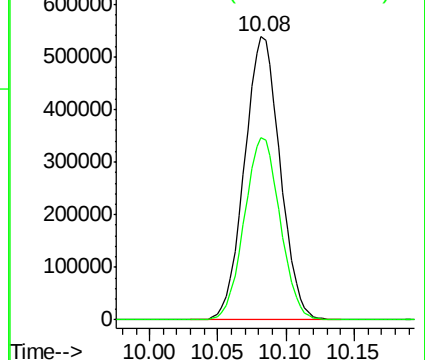
98 100

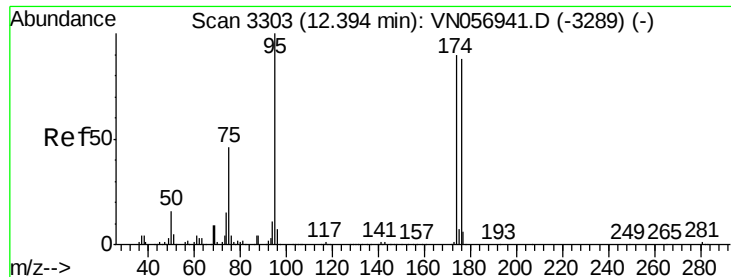
100 64.7 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

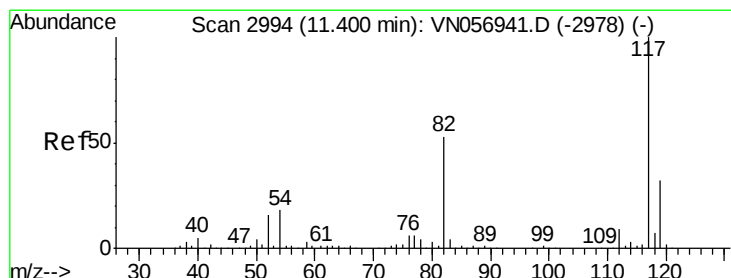
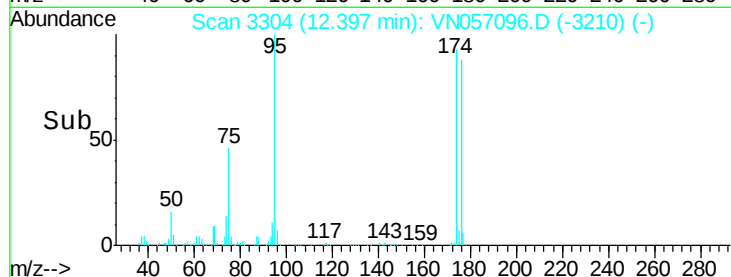
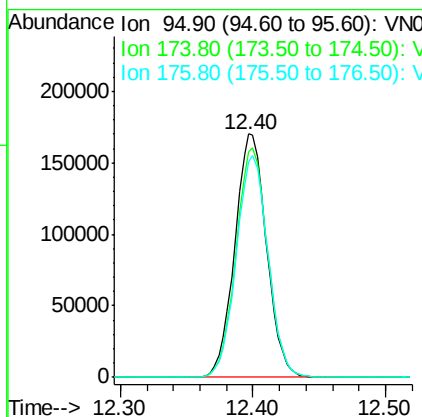
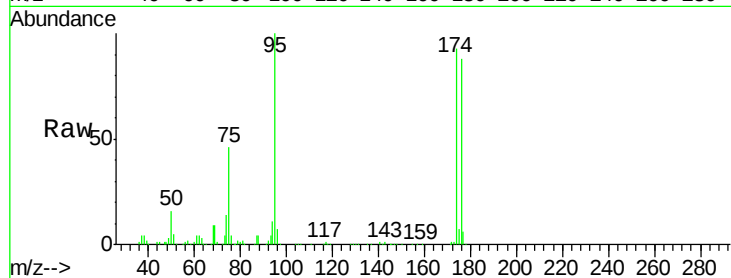




#62
4-Bromofluorobenzene
Concen: 41.438 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057096.D
Acq: 6 Aug 2019 12:24

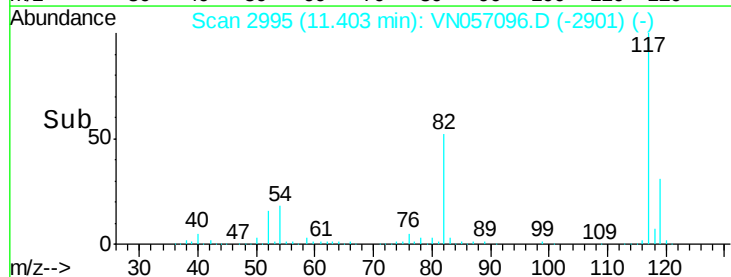
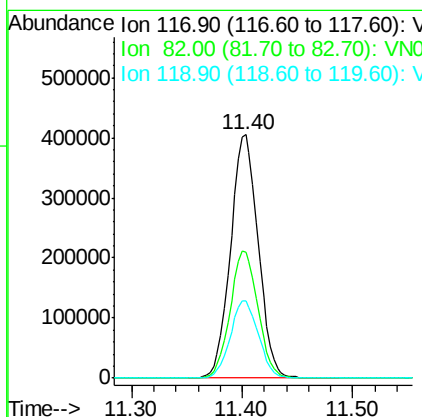
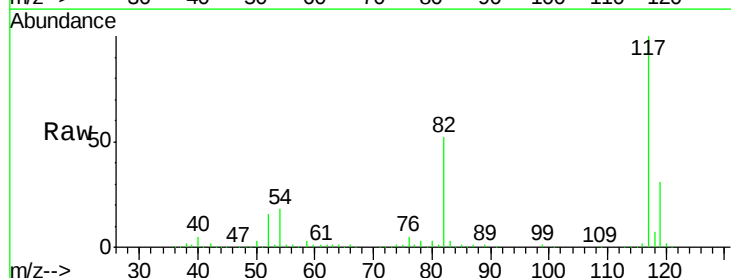
Instrument :
MSVOA_N
ClientSampleId :
1S-E1-(0-1)

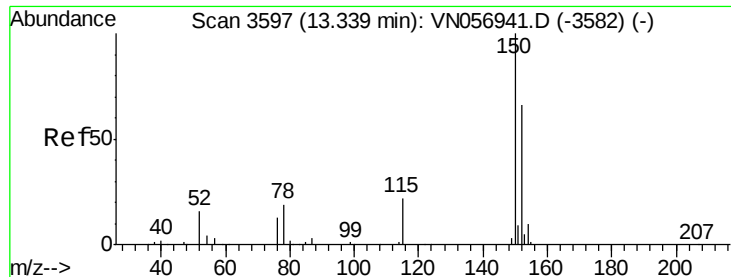
Tot Ion: 95 Resp: 281640
Ion Ratio Lower Upper
95 100
174 94.5 0.0 182.2
176 91.2 0.0 179.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057096.D
Acq: 6 Aug 2019 12:24

Tgt Ion: 117 Resp: 704540
Ion Ratio Lower Upper
117 100
82 51.9 42.2 63.4
119 31.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057096.D

Acq: 6 Aug 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

1S-E1-(0-1)

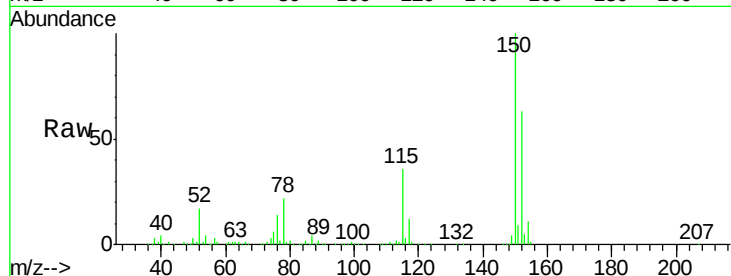
Tot Ion:152 Resp: 241622

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.6

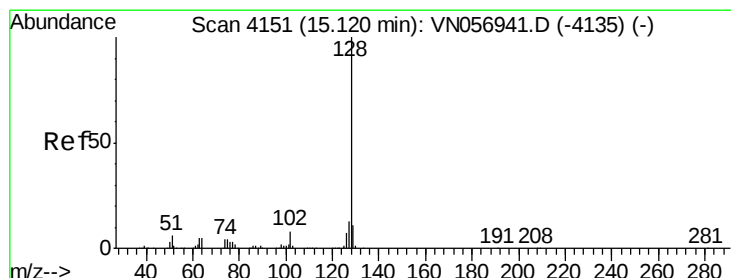
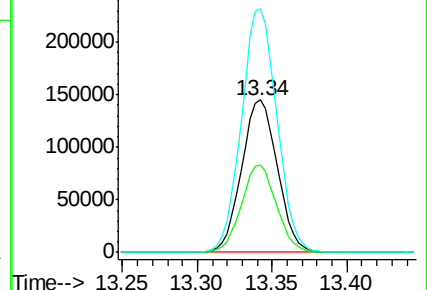
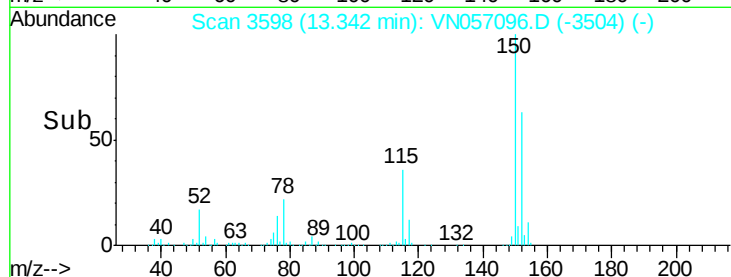
150 158.6 0.0 349.4



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



#95

Naphthalene

Concen: 3.960 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN057096.D

Acq: 6 Aug 2019 12:24

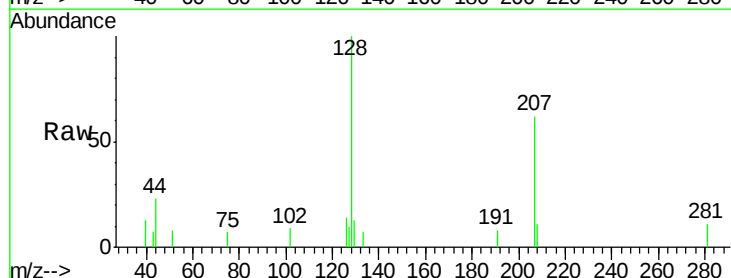
Tgt Ion:128 Resp: 4119

Ion Ratio Lower Upper

128 100

127 7.5 10.0 15.0#

129 9.4 8.7 13.1



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

