

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057020.D
 Acq On : 31 Jul 2019 17:24
 Operator : JC/SP
 Sample : K4066-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-A

Quant Time: Aug 01 02:17:29 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

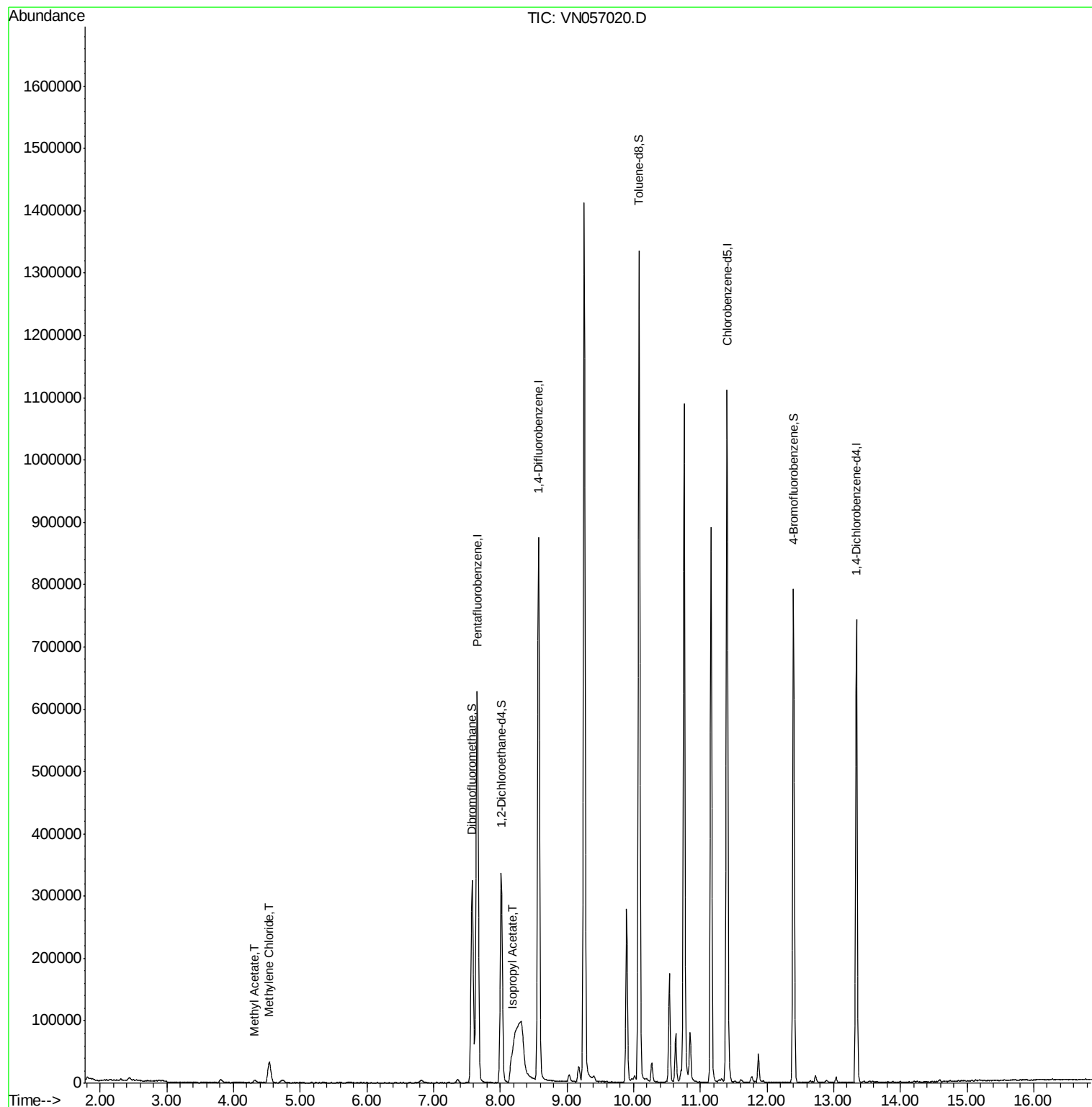
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	562699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	837426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	711978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	220414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	284400	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	7.58	113	252174	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
50) Toluene-d8	10.08	98	986172	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.40	95	279261	41.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.92%	
Target Compounds						
18) Methyl Acetate	4.33	43	7887	1.185	ug/l #	70
20) Methylene Chloride	4.54	84	28357	4.718	ug/l	93
43) Isopropyl Acetate	8.17	43	33736	3.458	ug/l #	81

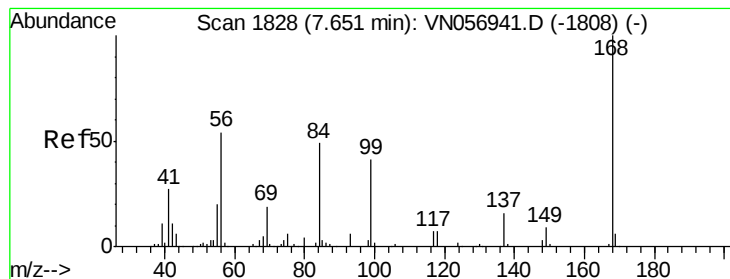
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073119\
Data File : VN057020.D
Acq On : 31 Jul 2019 17:24
Operator : JC/SP
Sample : K4066-02
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
TP-1-A

Quant Time: Aug 01 02:17:29 2019
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: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057020.D

Acq: 31 Jul 2019 17:24

Instrument :

MSVOA_N

ClientSampled :

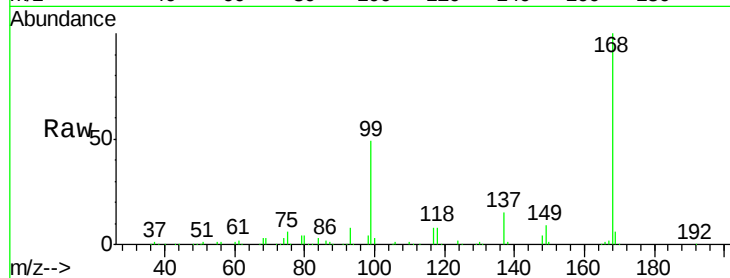
TP-1-A

Tot Ion:168 Resp: 562699

Ion Ratio Lower Upper

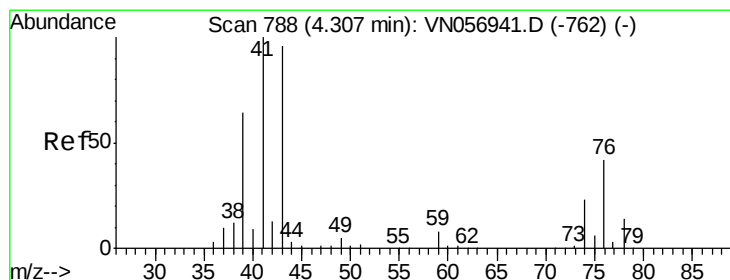
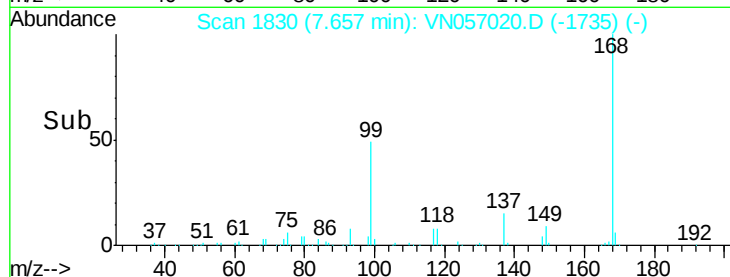
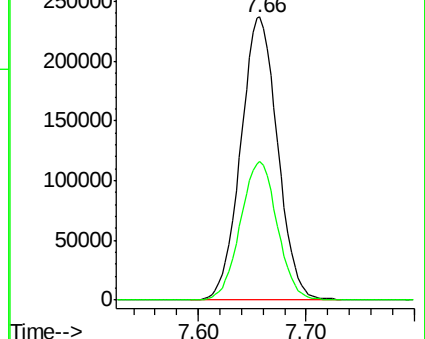
168 100

99 49.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Methyl Acetate

Concen: 1.185 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.02 min

Lab File: VN057020.D

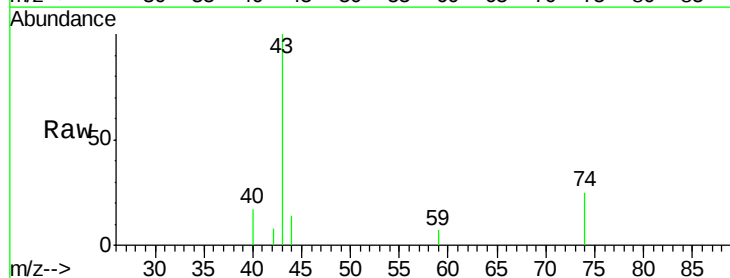
Acq: 31 Jul 2019 17:24

Tgt Ion: 43 Resp: 7887

Ion Ratio Lower Upper

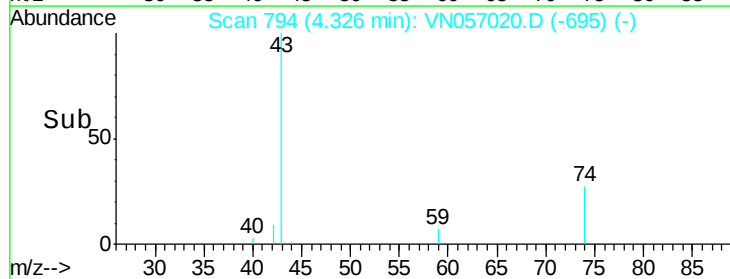
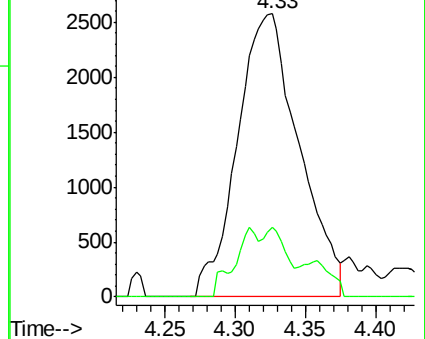
43 100

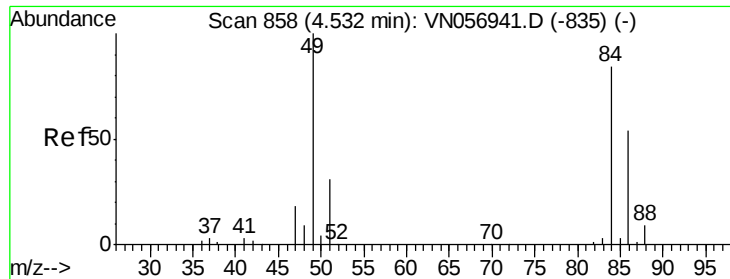
74 9.5 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

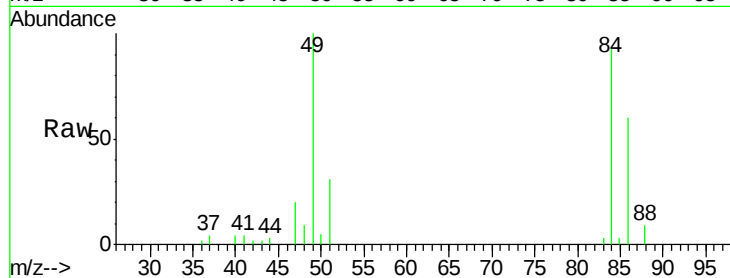




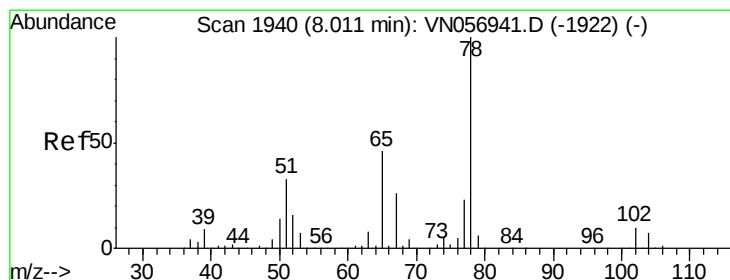
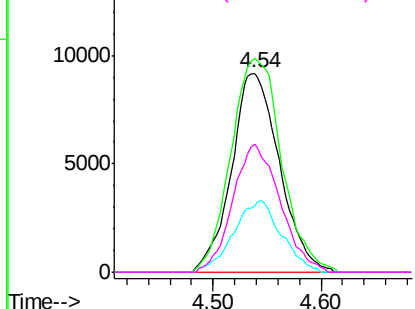
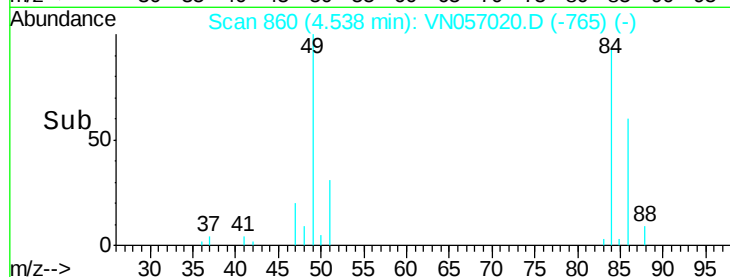
#20
Methylene Chloride
Concen: 4.718 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN057020.D
Acq: 31 Jul 2019 17:24

Instrument :
MSVOA_N
ClientSampled :
TP-1-A

Tot Ion: 84 Resp: 28357
Ion Ratio Lower Upper
84 100
49 107.6 95.2 142.8
51 33.3 29.7 44.5
86 64.4 51.0 76.6

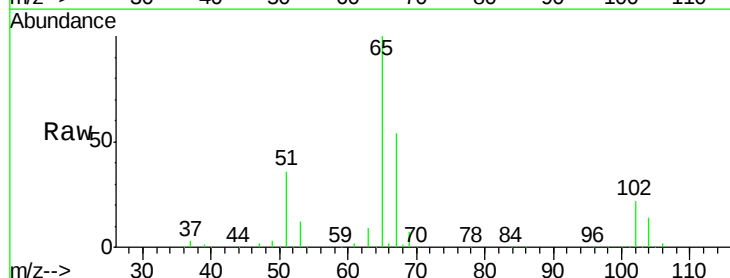


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

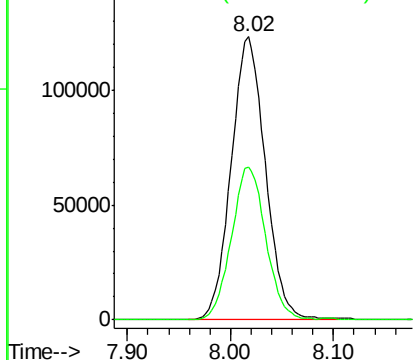
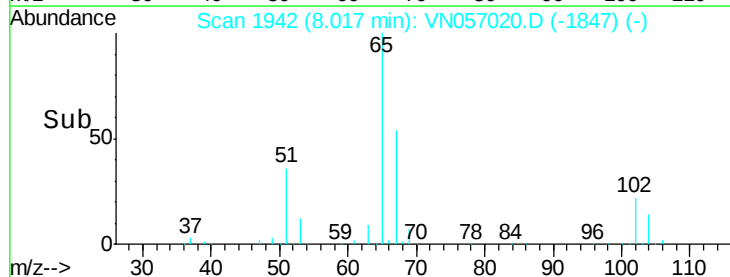


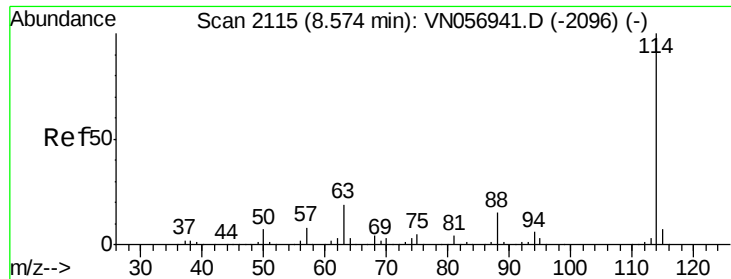
#33
1,2-Dichloroethane-d4
Concen: 49.375 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.01 min
Lab File: VN057020.D
Acq: 31 Jul 2019 17:24

Tgt Ion: 65 Resp: 284400
Ion Ratio Lower Upper
65 100
67 54.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057020.D

Acq: 31 Jul 2019 17:24

Instrument :

MSVOA_N

ClientSampled :

TP-1-A

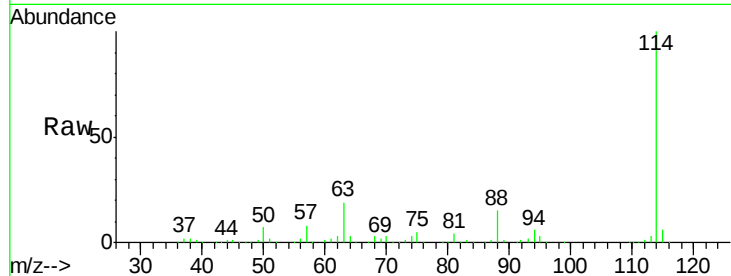
Tot Ion:114 Resp: 837426

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.0

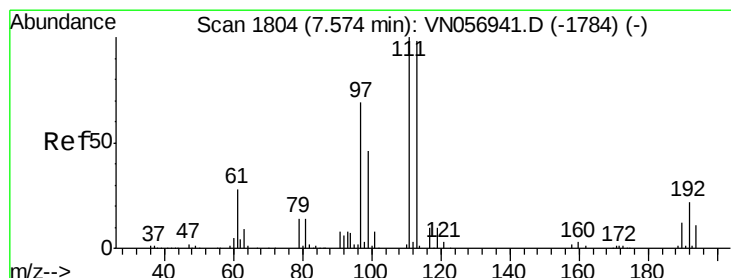
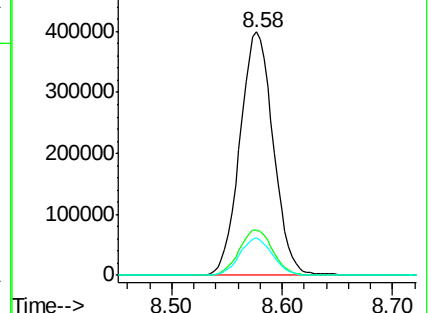
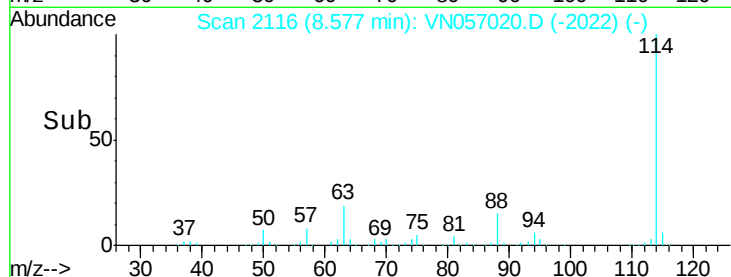
88 15.3 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.039 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.01 min

Lab File: VN057020.D

Acq: 31 Jul 2019 17:24

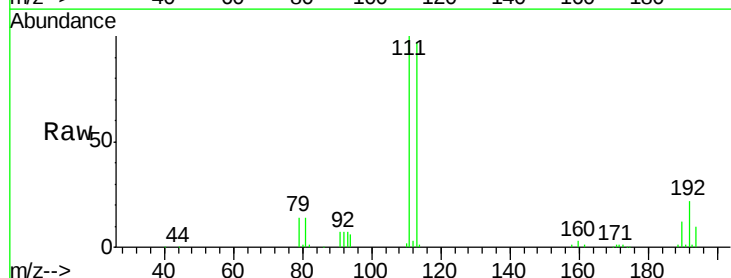
Tgt Ion:113 Resp: 252174

Ion Ratio Lower Upper

113 100

111 104.6 82.0 123.0

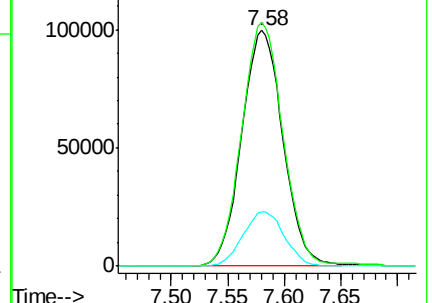
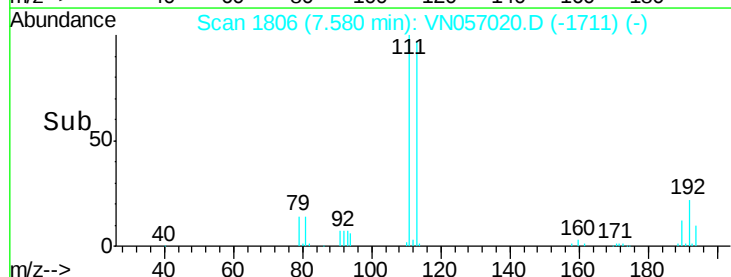
192 23.2 18.4 27.6

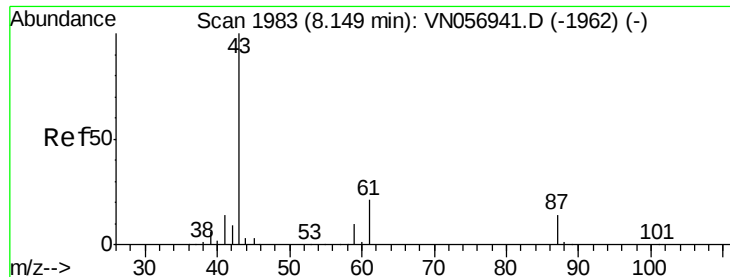


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.458 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VN057020.D

Acq: 31 Jul 2019 17:24

Instrument :

MSVOA_N

ClientSampleId :

TP-1-A

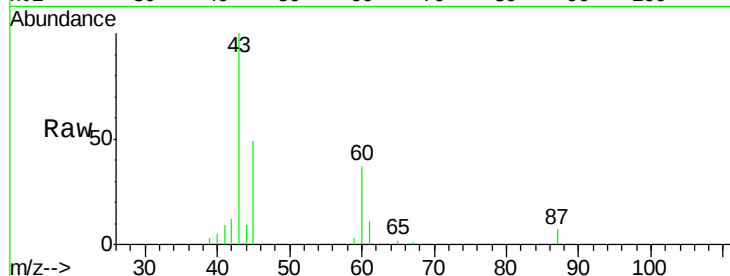
Tot Ion: 43 Resp: 33736

Ion Ratio Lower Upper

43 100

61 16.9 23.0 34.6#

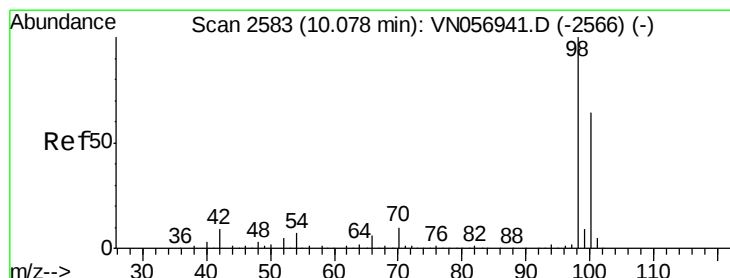
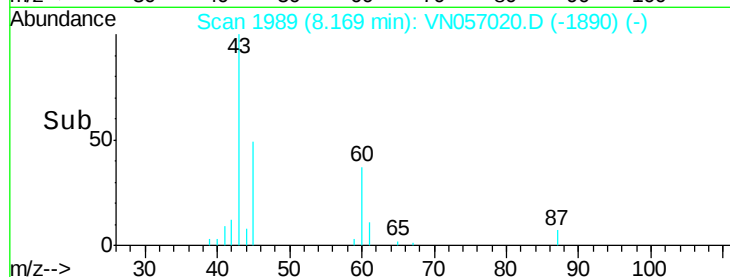
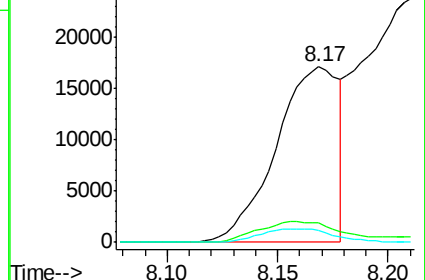
87 9.1 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN056941.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN056941.D (-1962) (-)



#50

Toluene-d8

Concen: 48.238 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.01 min

Lab File: VN057020.D

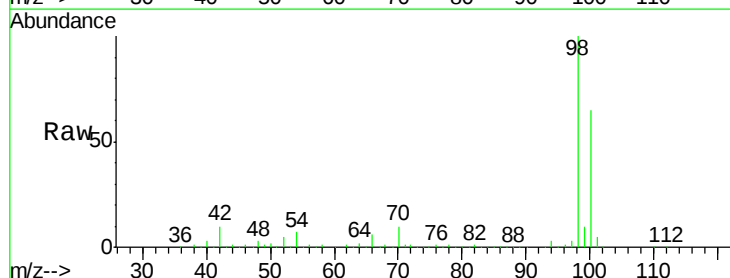
Acq: 31 Jul 2019 17:24

Tgt Ion: 98 Resp: 986172

Ion Ratio Lower Upper

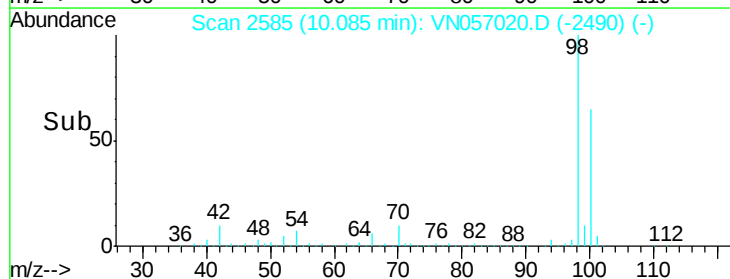
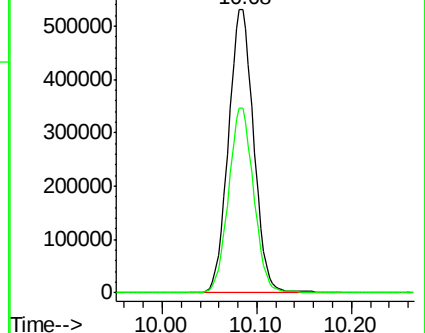
98 100

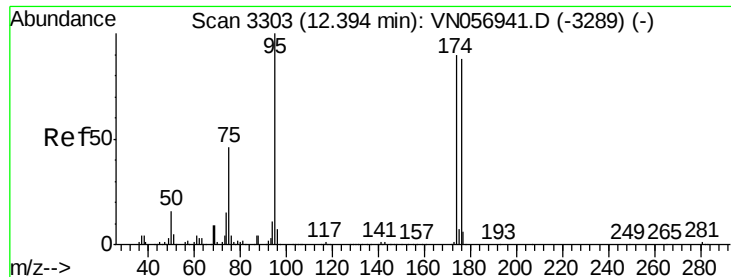
100 64.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN056941.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN056941.D (-2566) (-)





#62

4-Bromofluorobenzene

Concen: 41.960 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057020.D

Acq: 31 Jul 2019 17:24

Instrument :

MSVOA_N

ClientSampleId :

TP-1-A

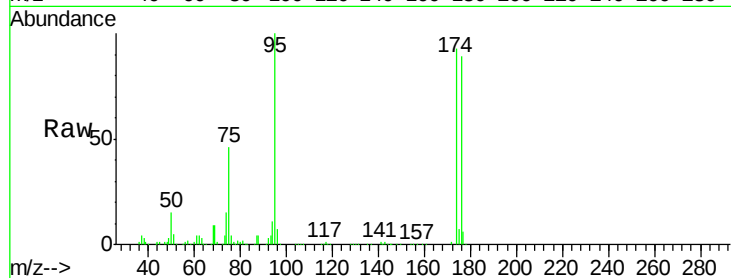
Tot Ion: 95 Resp: 279261

Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.2

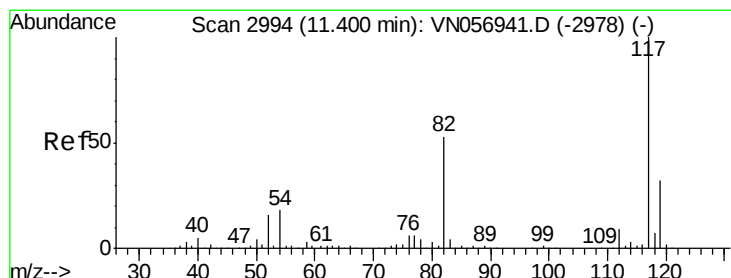
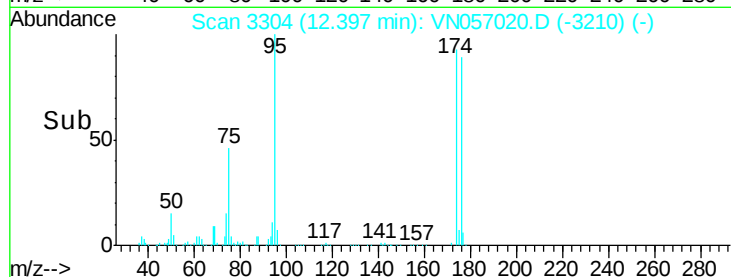
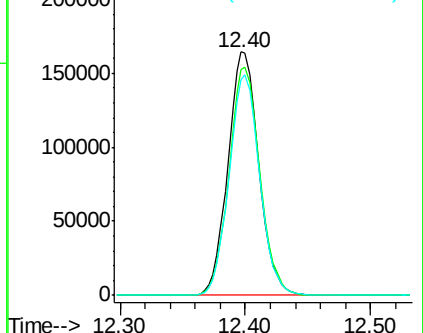
176 90.0 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057020.D

Acq: 31 Jul 2019 17:24

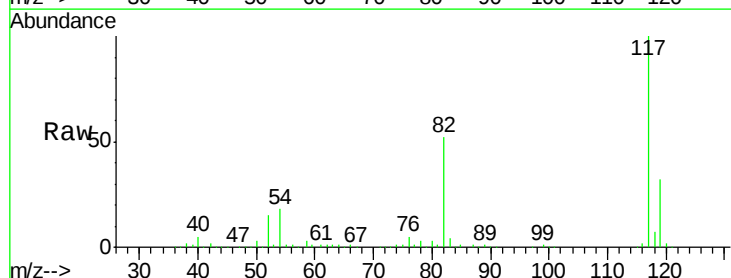
Tgt Ion: 117 Resp: 711978

Ion Ratio Lower Upper

117 100

82 52.5 42.2 63.4

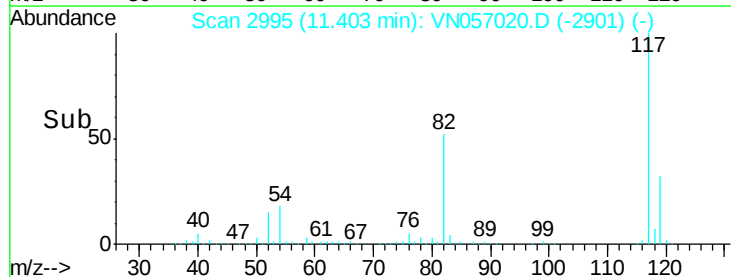
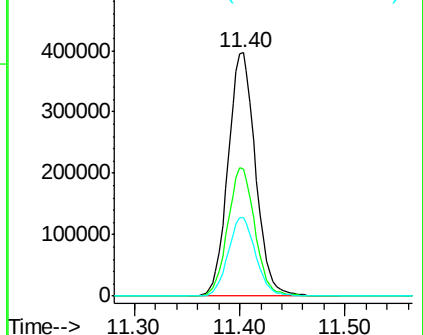
119 32.4 25.8 38.6

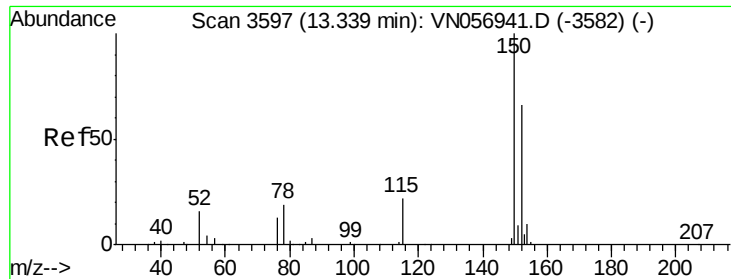


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

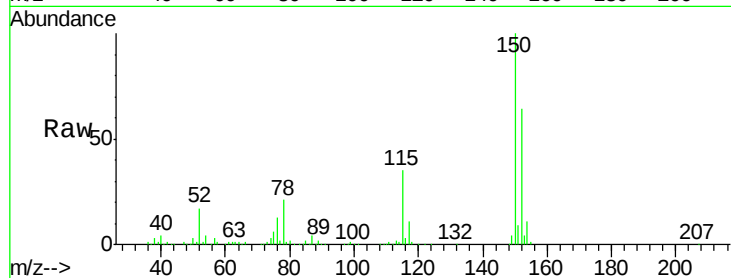




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN057020.D
 Acq: 31 Jul 2019 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.2	84.6
150	157.6	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

