

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082419\
 Data File : VN057491.D
 Acq On : 23 Aug 2019 23:26
 Operator : JC/SP
 Sample : K4472-35
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T6-S1(0)

Quant Time: Aug 26 06:10:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

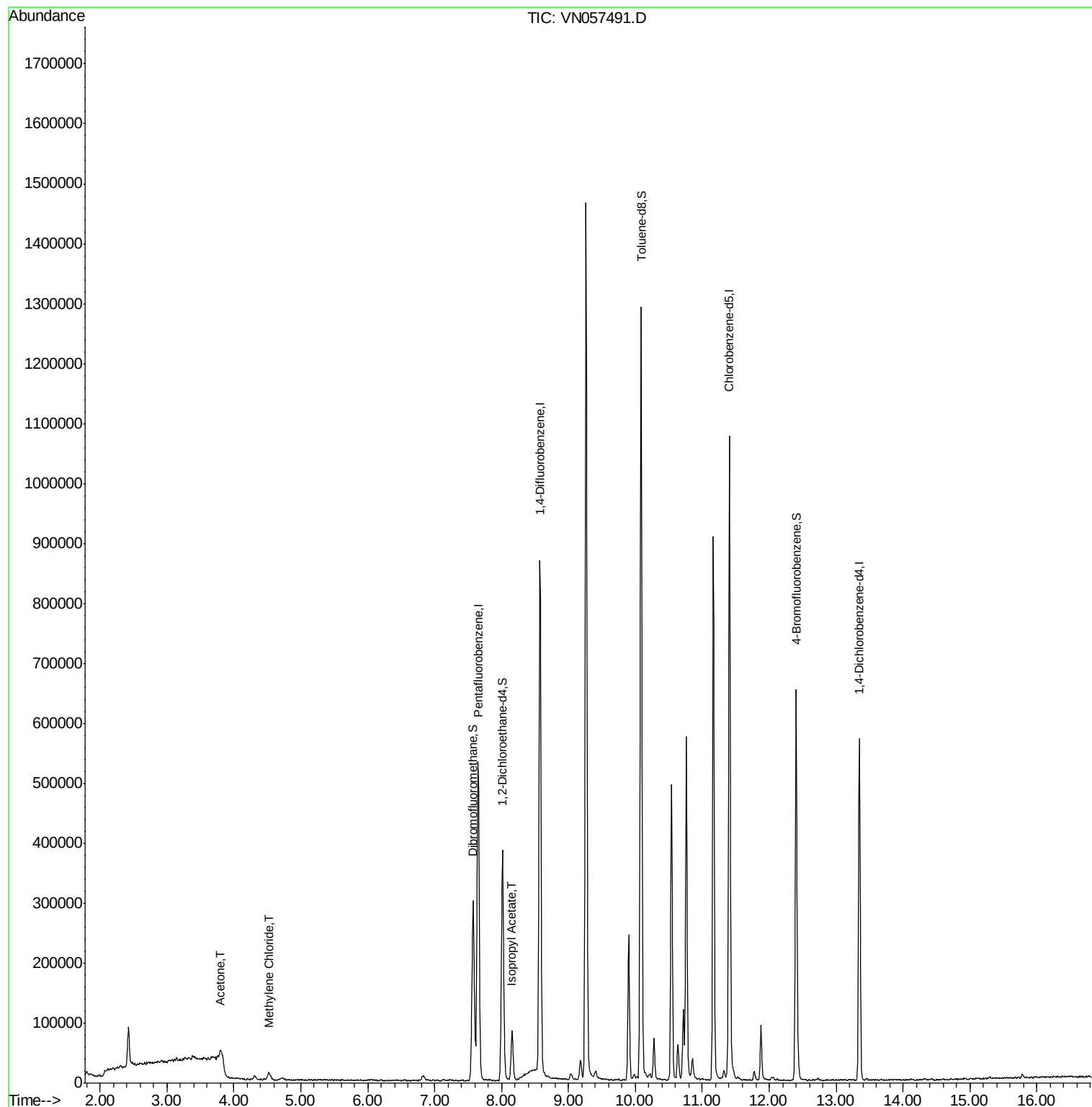
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	381407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	678956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	560948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	136419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	326787	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
35) Dibromofluoromethane	7.58	113	218098	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
50) Toluene-d8	10.08	98	855859	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.40	95	230272	39.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.38%	
Target Compounds						
16) Acetone	3.80	43	26717	8.671	ug/l	98
20) Methylene Chloride	4.53	84	7596	1.590	ug/l	96
43) Isopropyl Acetate	8.16	43	101373	8.065	ug/l	99

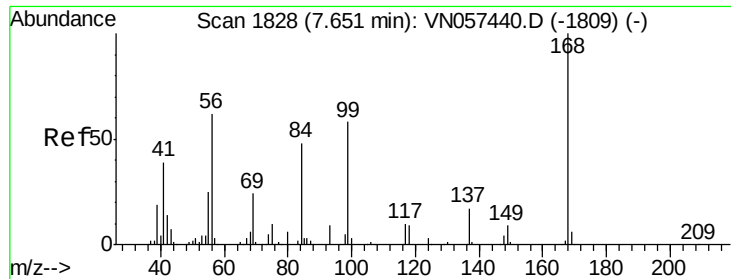
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 23 05:07:29 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: VN057491.D

Acq: 23 Aug 2019 23:26

Instrument :

MSVOA_N

ClientSampleId :

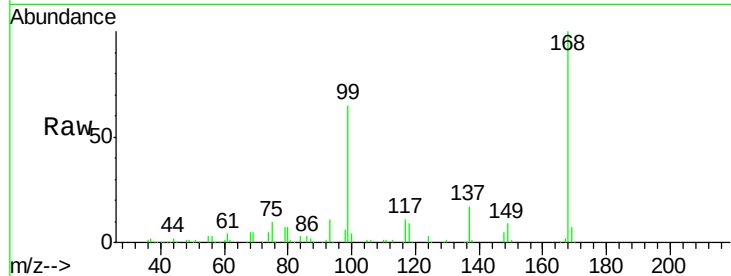
T6-S1(0)

Tot Ion:168 Resp: 381407

Ion Ratio Lower Upper

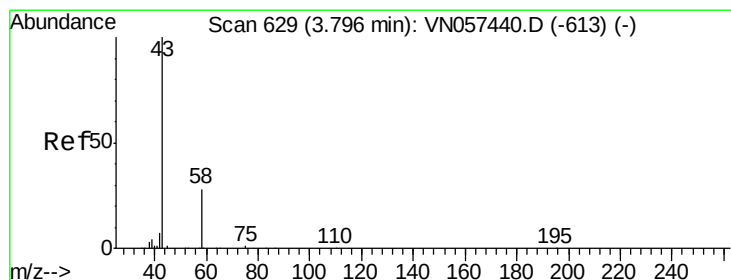
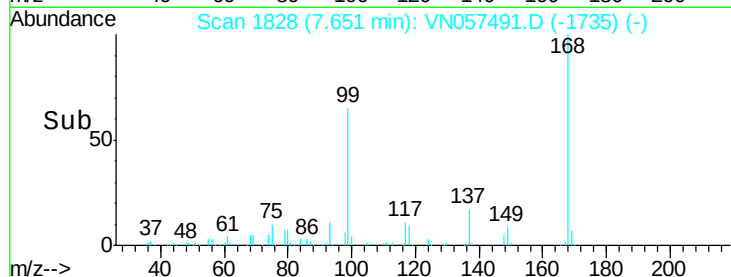
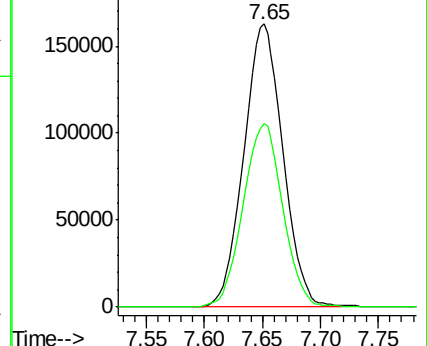
168 100

99 64.7 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.671 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN057491.D

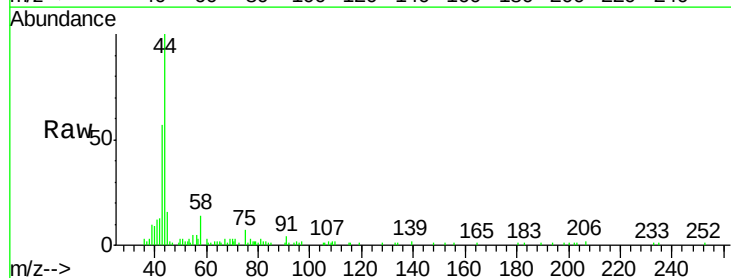
Acq: 23 Aug 2019 23:26

Tgt Ion: 43 Resp: 26717

Ion Ratio Lower Upper

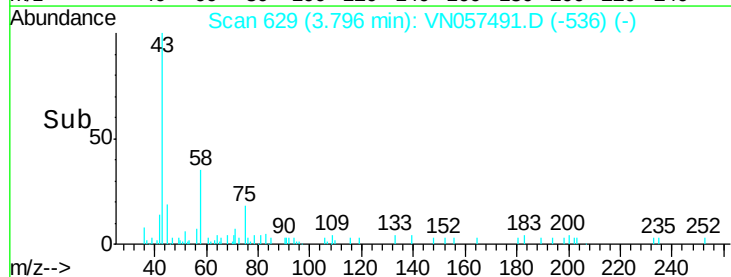
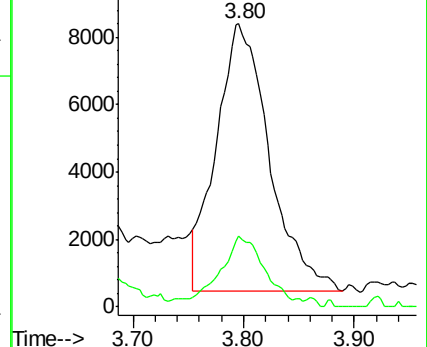
43 100

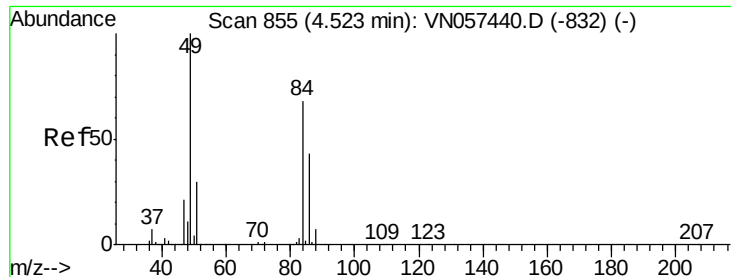
58 26.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

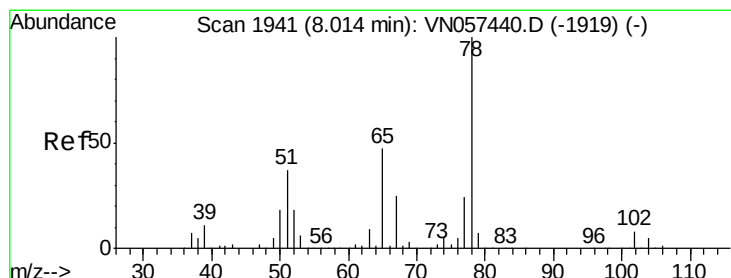
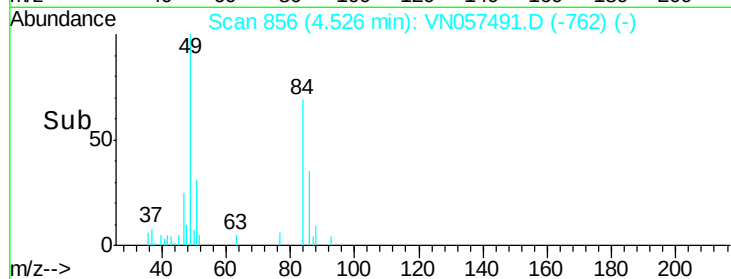
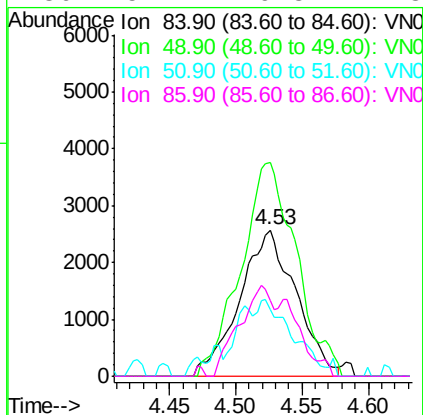
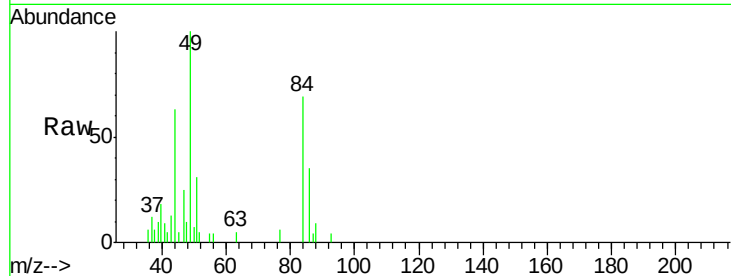




#20
Methylene Chloride
Concen: 1.590 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057491.D
Acq: 23 Aug 2019 23:26

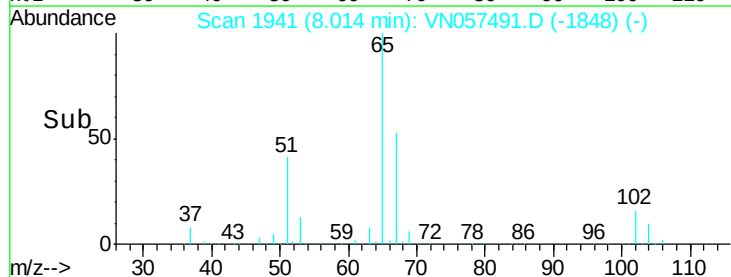
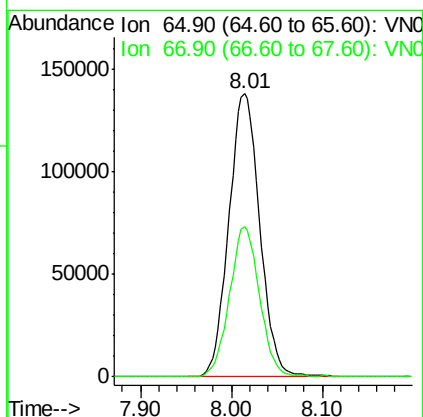
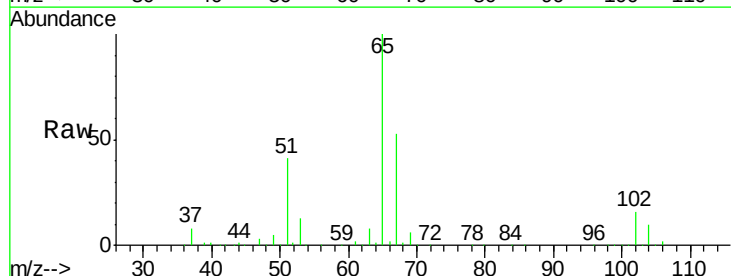
Instrument :
MSVOA_N
ClientSampleId :
T6-S1(0)

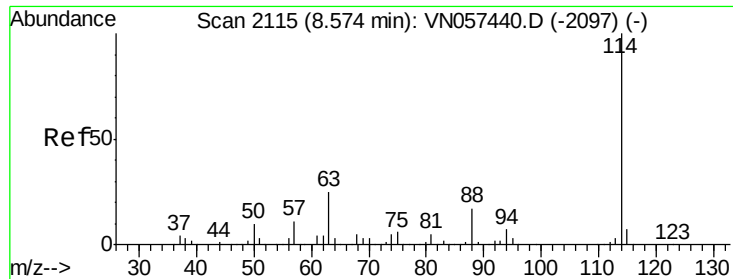
Tot Ion:	84	Resp:	7596
Ion	Ratio	Lower	Upper
84	100		
49	146.0	117.0	175.4
51	45.5	35.5	53.3
86	51.2	49.8	74.8



#33
1,2-Dichloroethane-d4
Concen: 48.706 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057491.D
Acq: 23 Aug 2019 23:26

Tgt Ion:	65	Resp:	326787
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.8

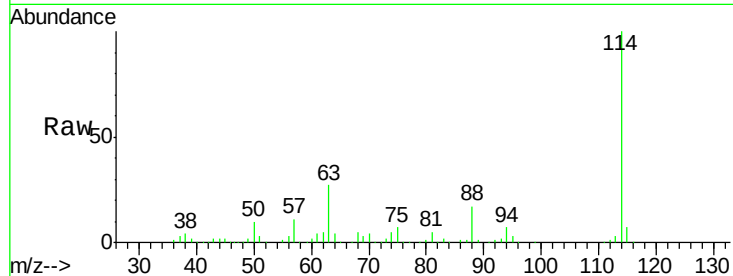




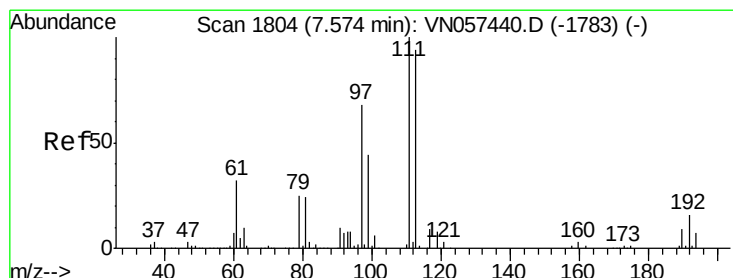
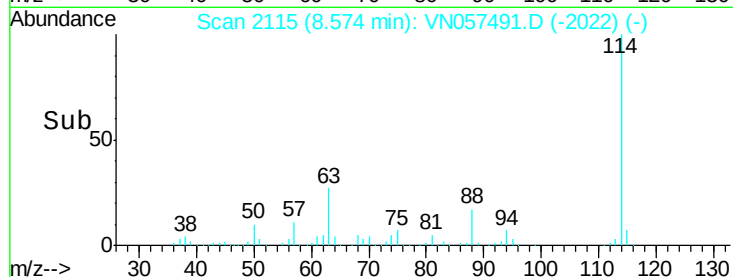
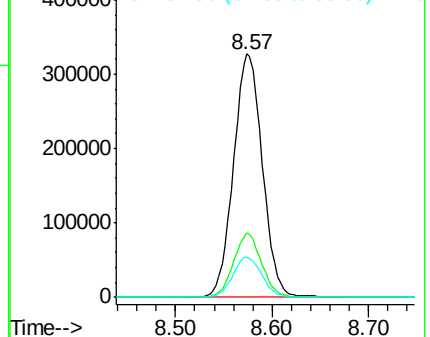
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN057491.D
Acq: 23 Aug 2019 23:26

Instrument :
MSVOA_N
ClientSampleId :
T6-S1(0)

Tot Ion:114 Resp: 678956
Ion Ratio Lower Upper
114 100
63 26.7 0.0 50.2
88 16.7 0.0 34.6

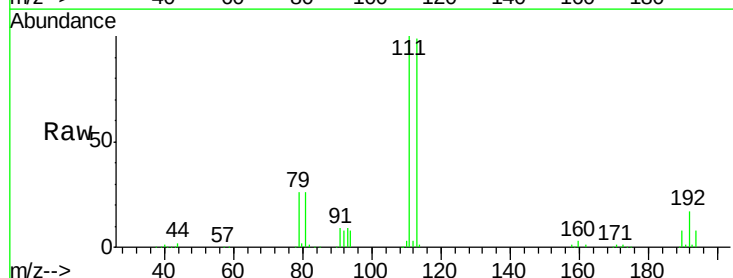


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

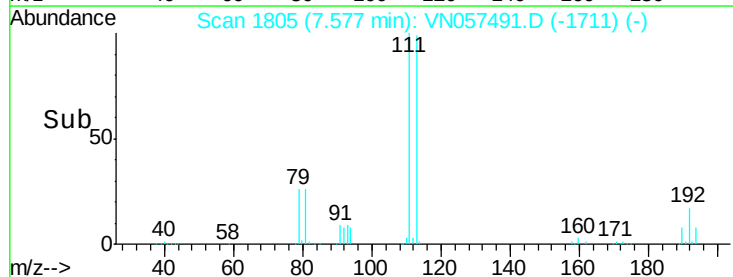
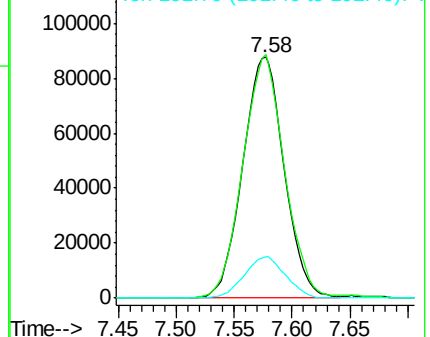


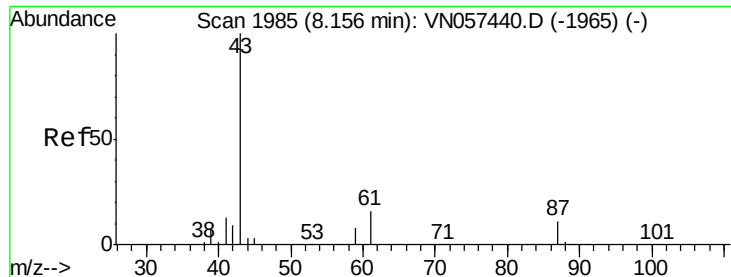
#35
Dibromofluoromethane
Concen: 47.557 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057491.D
Acq: 23 Aug 2019 23:26

Tgt Ion:113 Resp: 218098
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 17.1 13.5 20.3



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: 8.065 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057491.D

Acq: 23 Aug 2019 23:26

Instrument :

MSVOA_N

ClientSampleId :

T6-S1(0)

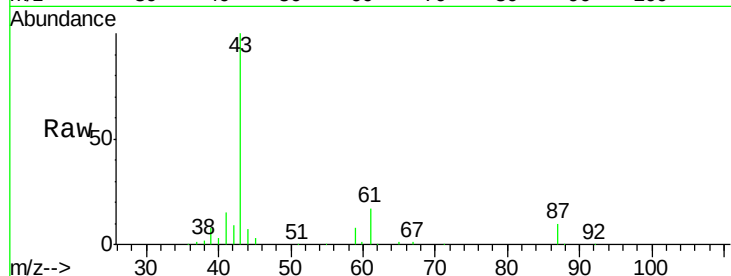
Tot Ion: 43 Resp: 101373

Ion Ratio Lower Upper

43 100

61 17.4 14.5 21.7

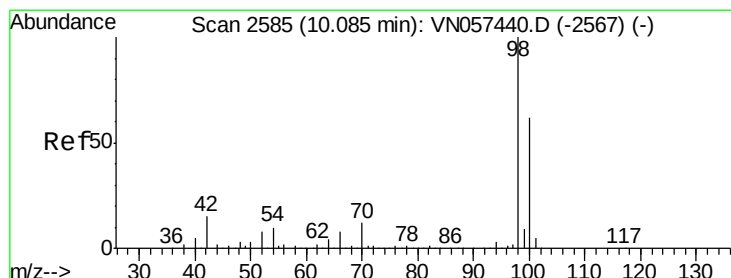
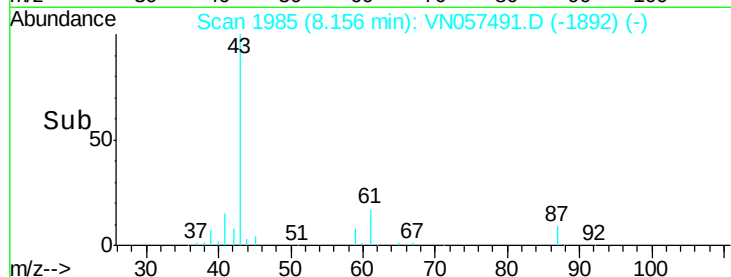
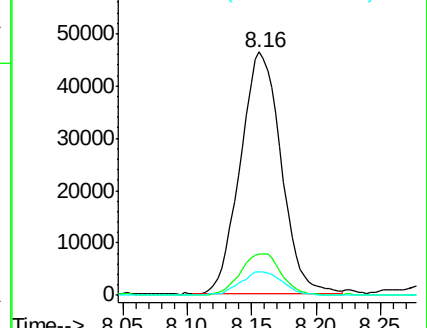
87 10.2 8.6 12.8



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: 49.355 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057491.D

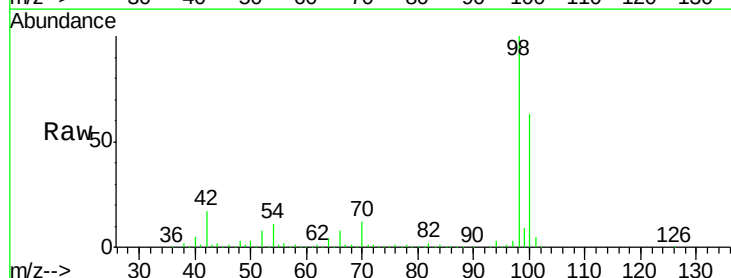
Acq: 23 Aug 2019 23:26

Tgt Ion: 98 Resp: 855859

Ion Ratio Lower Upper

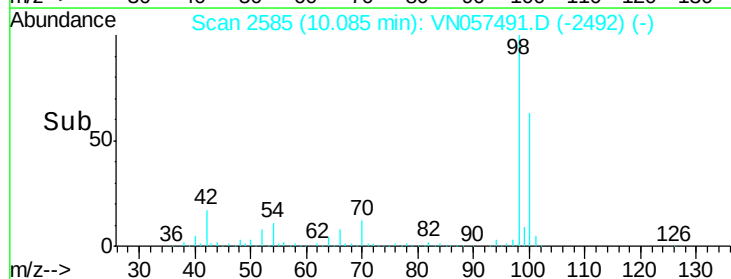
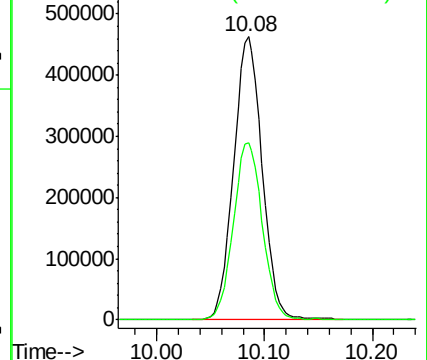
98 100

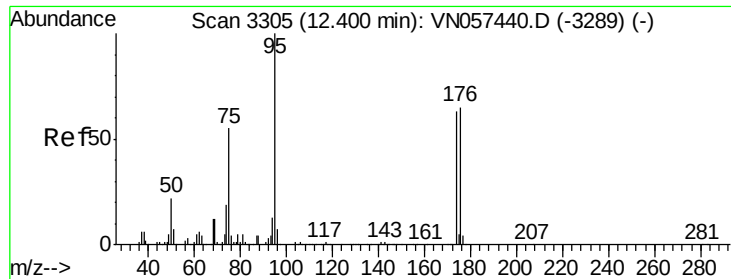
100 63.2 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 39.185 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN057491.D

Acq: 23 Aug 2019 23:26

Instrument :

MSVOA_N

ClientSampleId :

T6-S1(0)

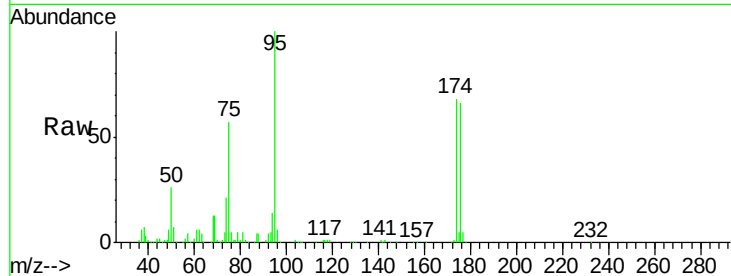
Tot Ion: 95 Resp: 230272

Ion Ratio Lower Upper

95 100

174 71.3 0.0 133.0

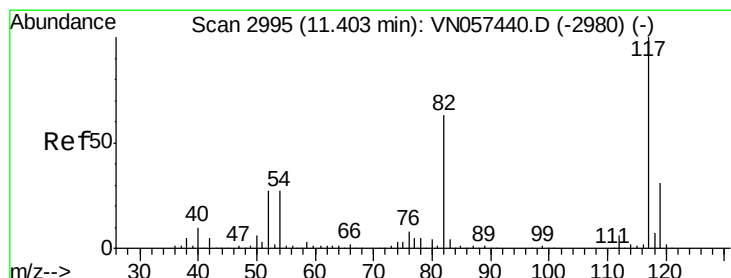
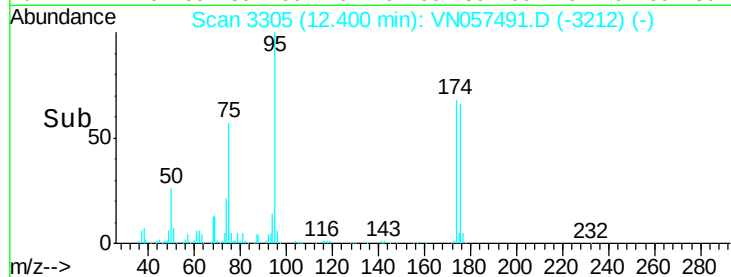
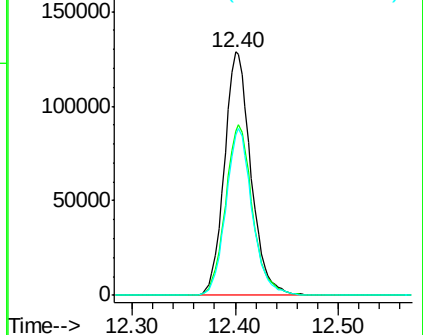
176 67.8 0.0 130.8



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: VN057491.D

Acq: 23 Aug 2019 23:26

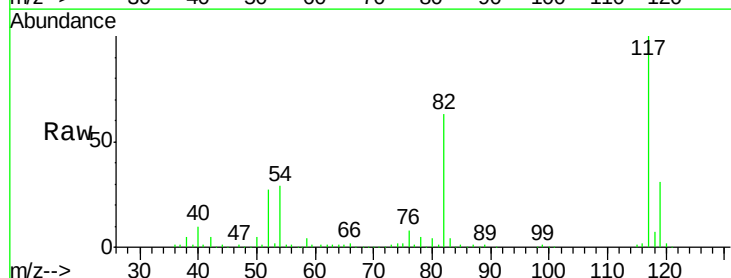
Tgt Ion: 117 Resp: 560948

Ion Ratio Lower Upper

117 100

82 63.0 50.6 75.8

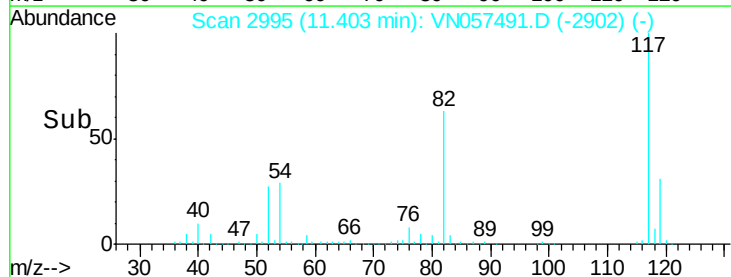
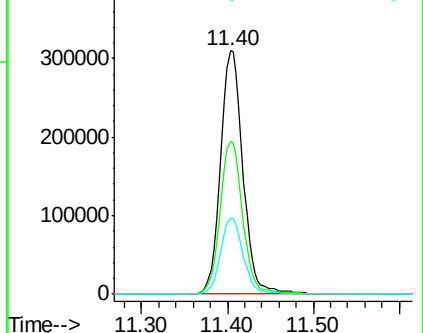
119 31.3 24.6 36.8

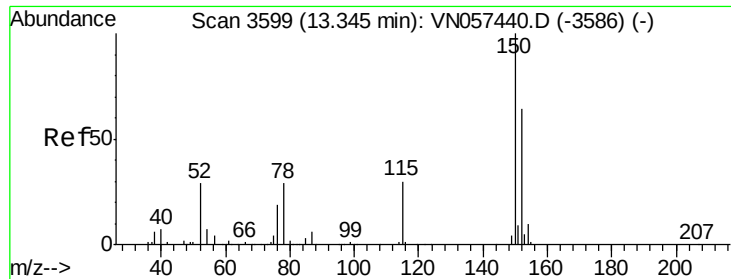


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057491.D

Acq: 23 Aug 2019 23:26

Instrument :

MSVOA_N

ClientSampleId :

T6-S1(0)

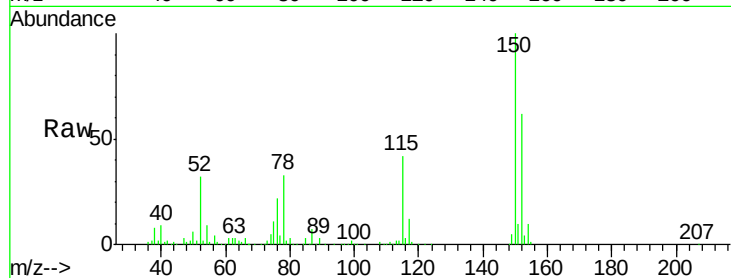
Tot Ion:152 Resp: 136419

Ion Ratio Lower Upper

152 100

115 66.4 32.0 96.0

150 160.5 0.0 346.6



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

