

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057731.D
 Acq On : 6 Sep 2019 22:17
 Operator : JC/SP
 Sample : K4580-30
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-B3-(3.5)

Quant Time: Sep 07 00:06:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

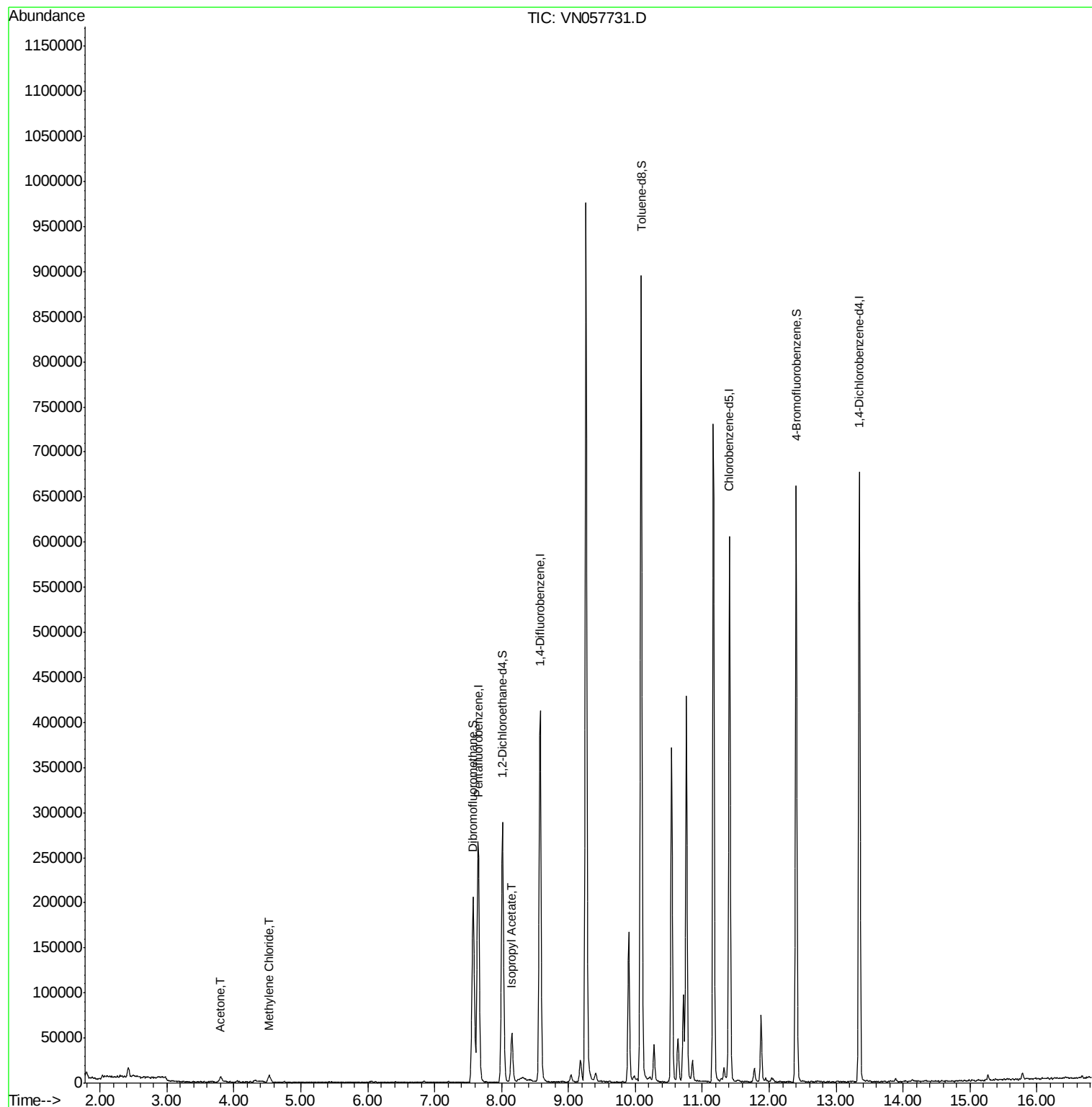
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	188882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	319466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	294725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	148299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	248984	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
35) Dibromofluoromethane	7.57	113	146763	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
50) Toluene-d8	10.08	98	568401	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.40	95	212470	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
Target Compounds						
16) Acetone	3.80	43	10476	7.409	ug/l	95
20) Methylene Chloride	4.54	84	4726	1.546	ug/l	94
43) Isopropyl Acetate	8.15	43	66705	8.237	ug/l	99

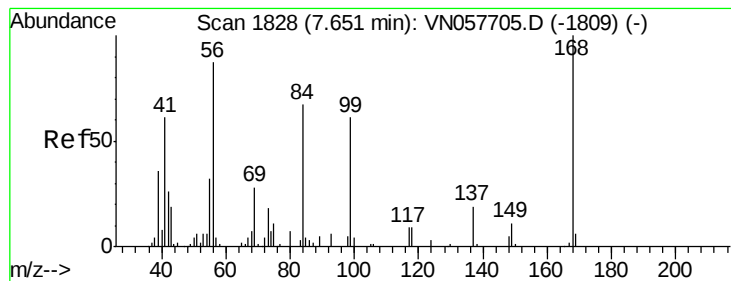
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057731.D

Acq: 6 Sep 2019 22:17

Instrument :

MSVOA_N

ClientSampleId :

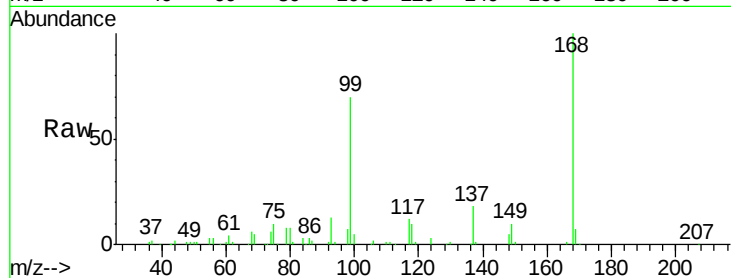
T12-B3-(3.5)

Tot Ion:168 Resp: 188882

Ion Ratio Lower Upper

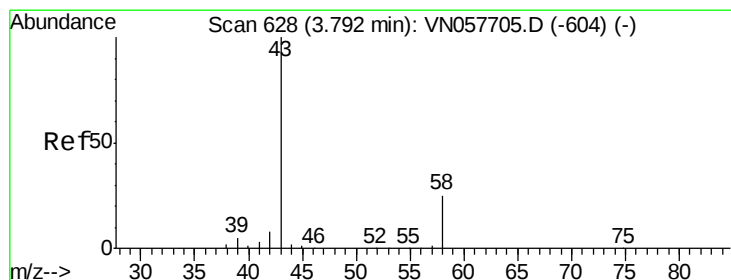
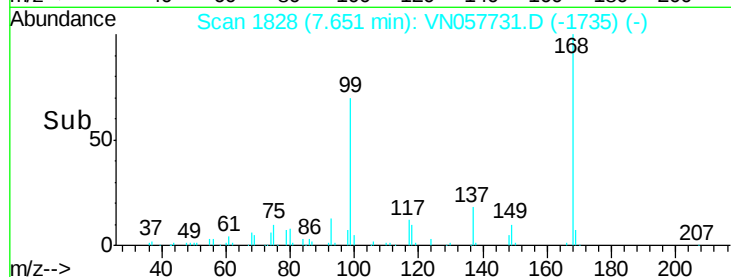
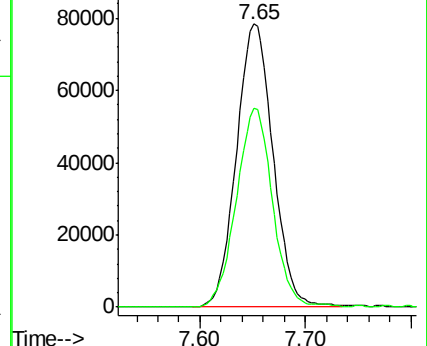
168 100

99 70.2 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.409 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057731.D

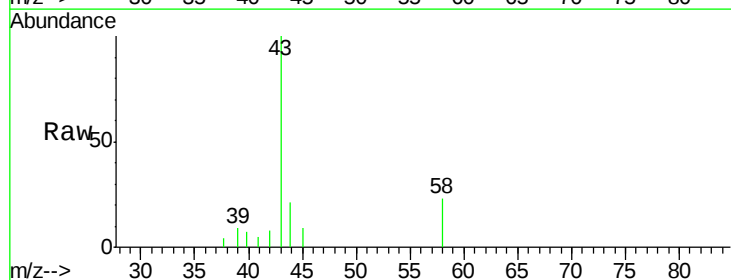
Acq: 6 Sep 2019 22:17

Tgt Ion: 43 Resp: 10476

Ion Ratio Lower Upper

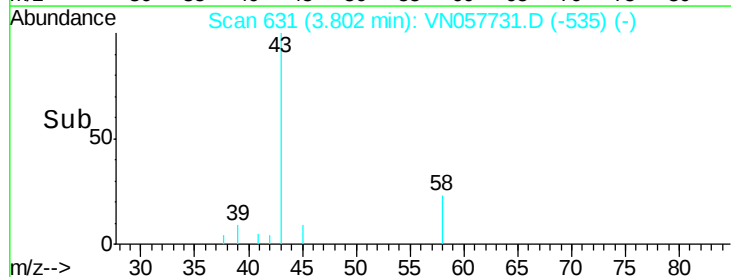
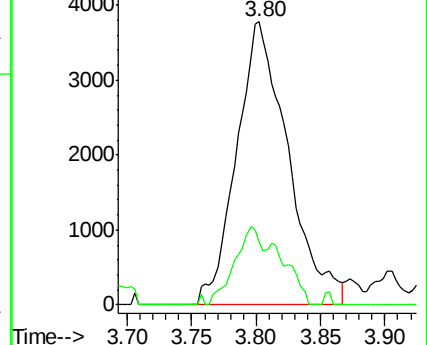
43 100

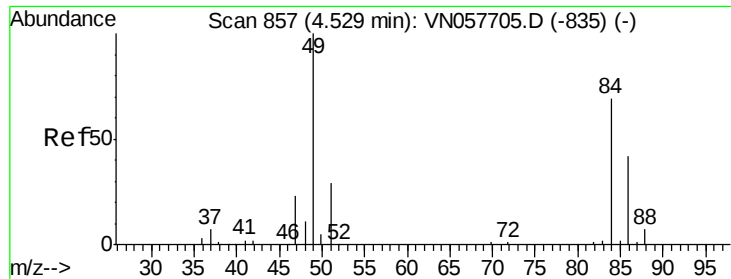
58 22.5 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

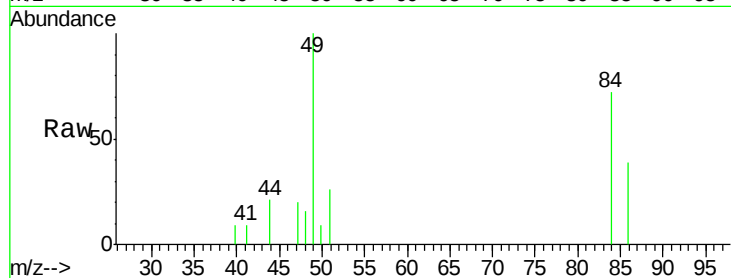




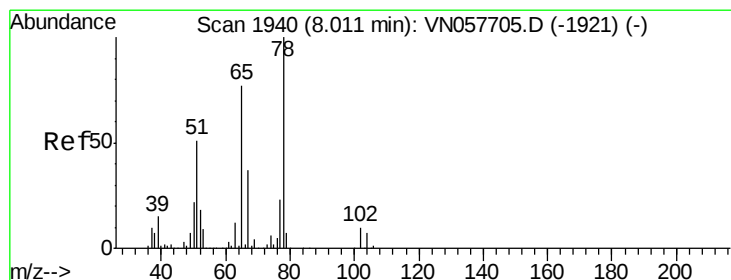
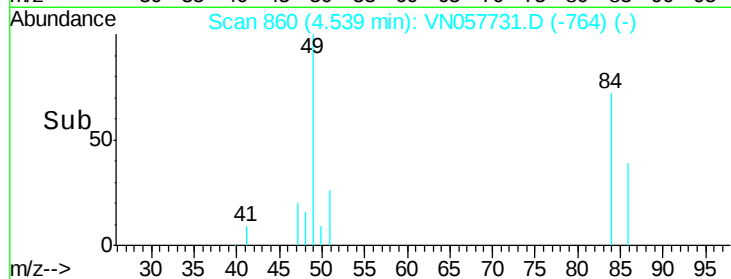
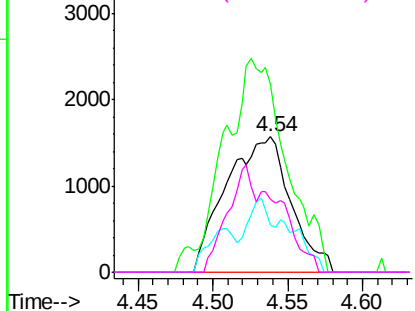
#20
Methvlene Chloride
Concen: 1.546 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN057731.D
Acq: 6 Sep 2019 22:17

Instrument :
MSVOA_N
ClientSampled :
T12-B3-(3.5)

Tot Ion: 84 Resp: 4726
Ion Ratio Lower Upper
84 100
49 139.0 115.0 172.6
51 35.5 33.8 50.8
86 53.7 48.2 72.2

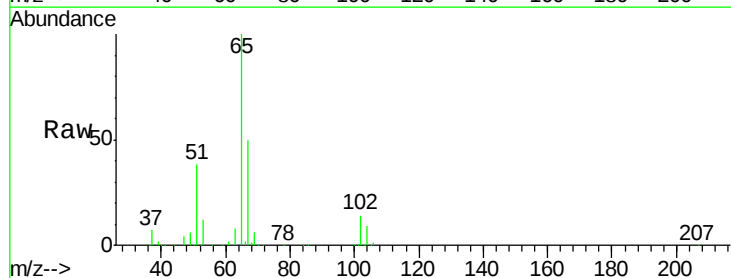


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

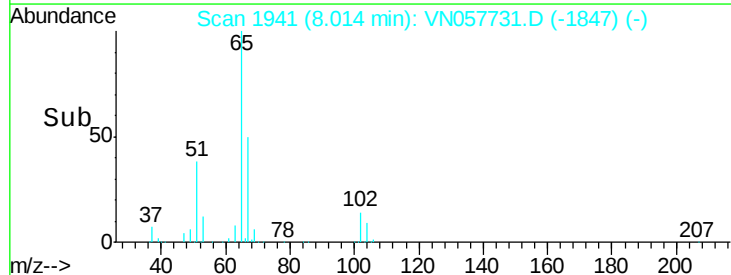
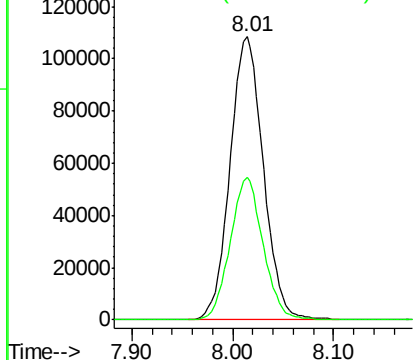


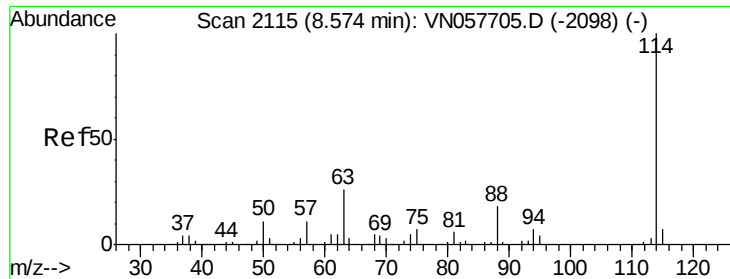
#33
1,2-Dichloroethane-d4
Concen: 54.187 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057731.D
Acq: 6 Sep 2019 22:17

Tgt Ion: 65 Resp: 248984
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.2



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

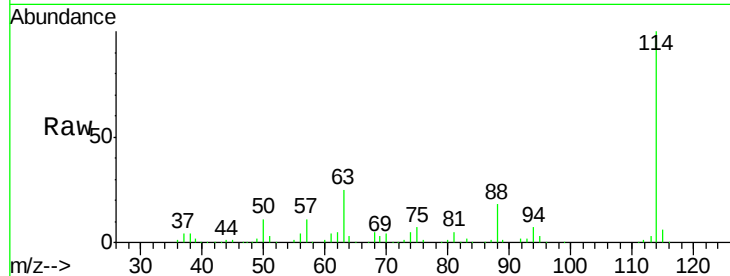




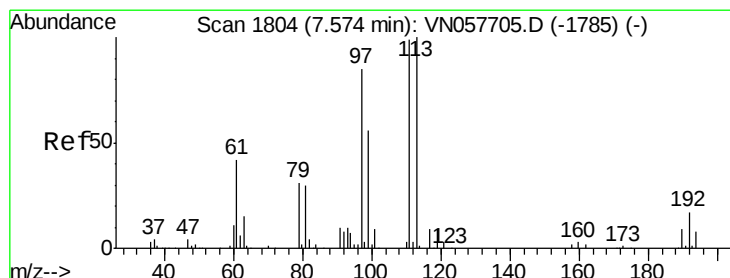
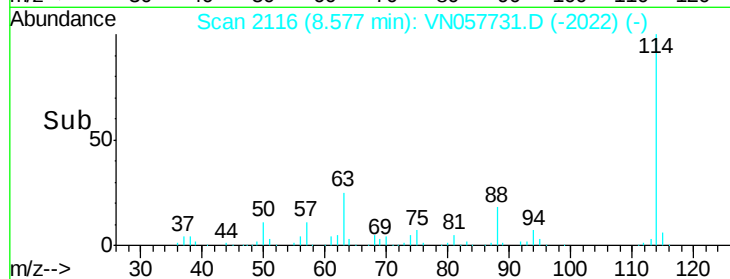
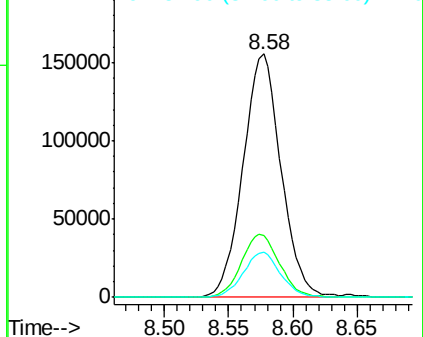
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057731.D
 Acq: 6 Sep 2019 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-B3-(3.5)

Tot Ion:114 Resp: 319466
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 52.4
 88 18.3 0.0 35.4

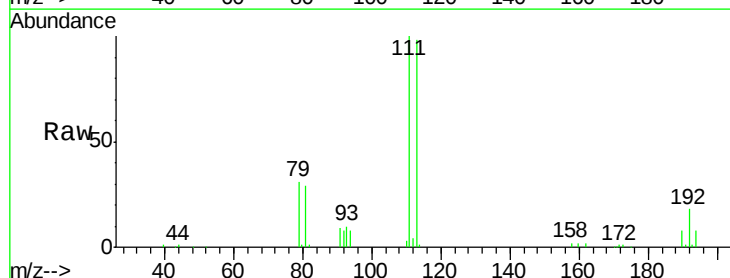


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

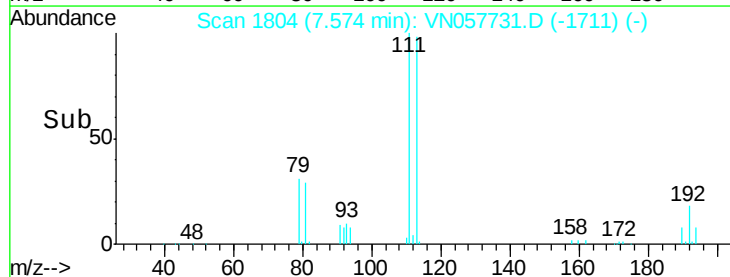
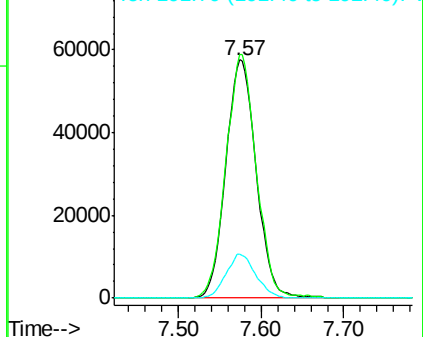


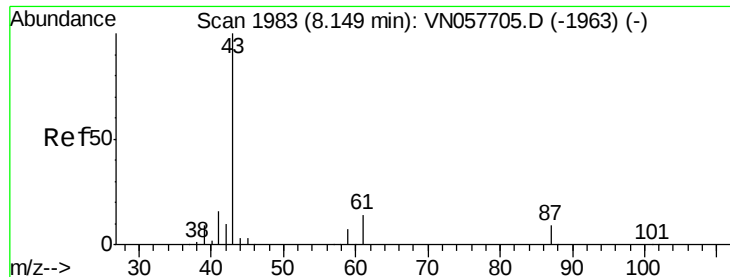
#35
 Dibromofluoromethane
 Concen: 50.437 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057731.D
 Acq: 6 Sep 2019 22:17

Tgt Ion:113 Resp: 146763
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.7 124.1
 192 18.2 13.8 20.6



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: 8.237 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057731.D

Acq: 6 Sep 2019 22:17

Instrument :

MSVOA_N

ClientSampleId :

T12-B3-(3.5)

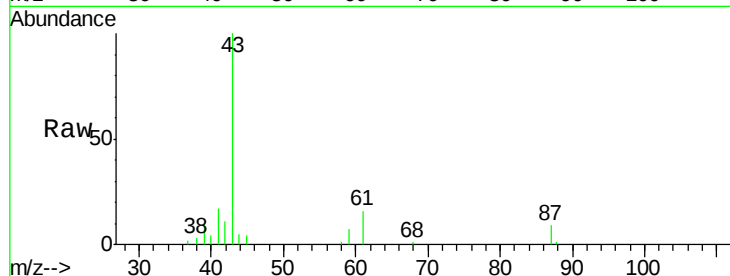
Tot Ion: 43 Resp: 66705

Ion Ratio Lower Upper

43 100

61 16.7 12.8 19.2

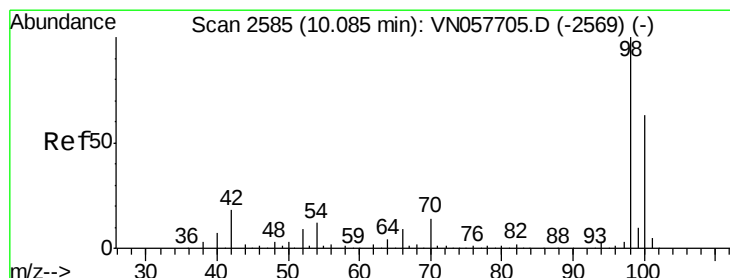
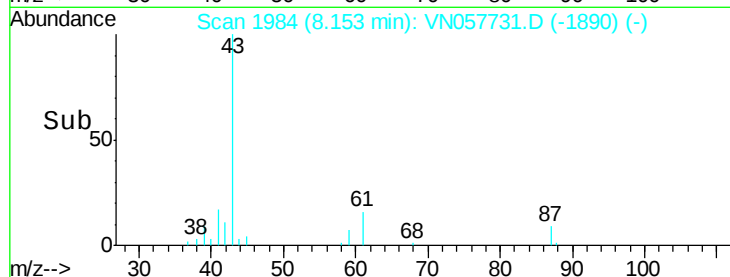
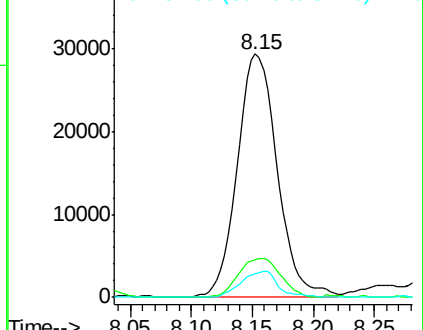
87 9.8 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN057705.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN057705.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN057705.D (-1963) (-)



#50

Toluene-d8

Concen: 52.805 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057731.D

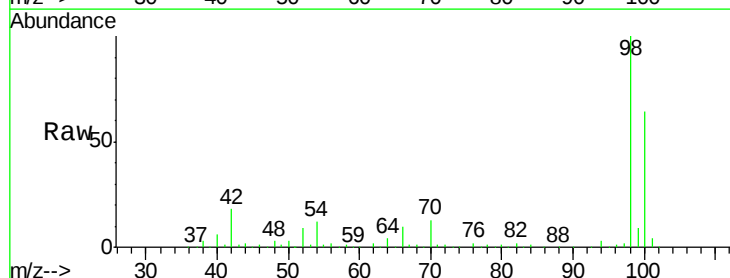
Acq: 6 Sep 2019 22:17

Tgt Ion: 98 Resp: 568401

Ion Ratio Lower Upper

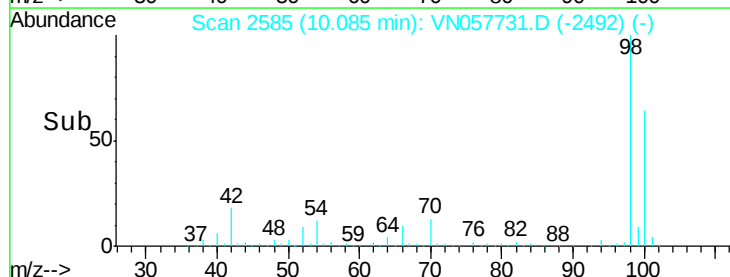
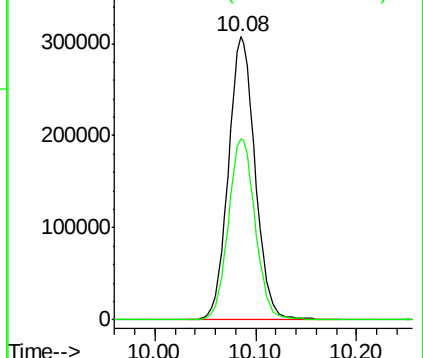
98 100

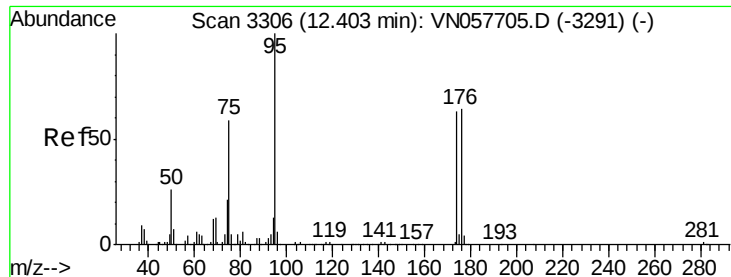
100 64.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057705.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057705.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 47.522 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057731.D

Acq: 6 Sep 2019 22:17

Instrument :

MSVOA_N

ClientSampleId :

T12-B3-(3.5)

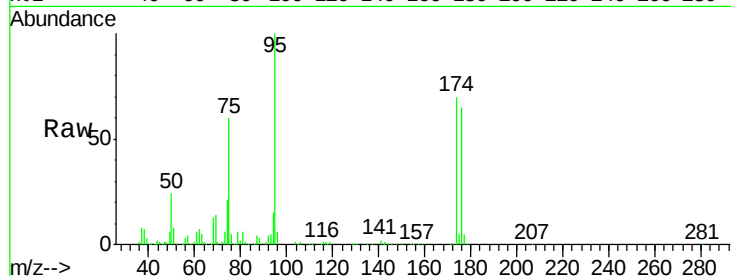
Tot Ion: 95 Resp: 212470

Ion Ratio Lower Upper

95 100

174 69.0 0.0 128.0

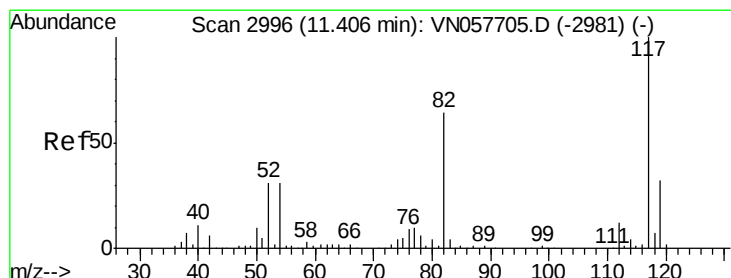
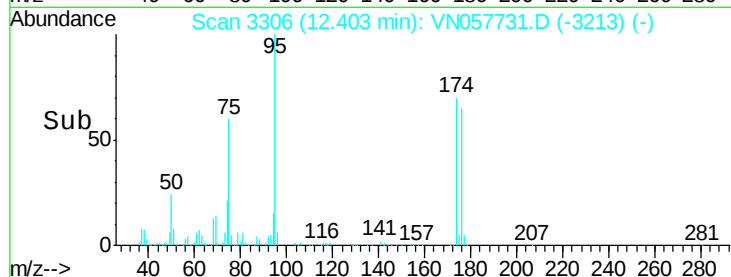
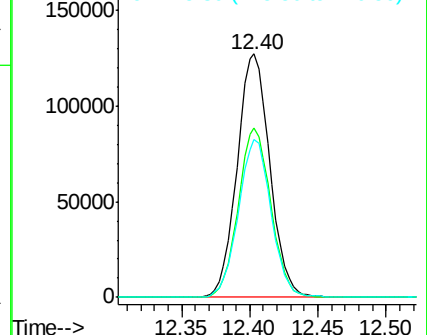
176 64.8 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057731.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN057731.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN057731.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057731.D

Acq: 6 Sep 2019 22:17

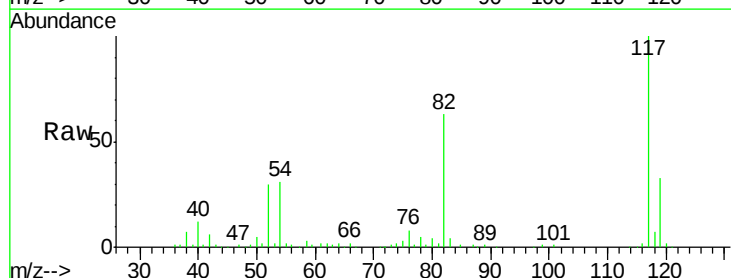
Tgt Ion: 117 Resp: 294725

Ion Ratio Lower Upper

117 100

82 62.9 51.4 77.0

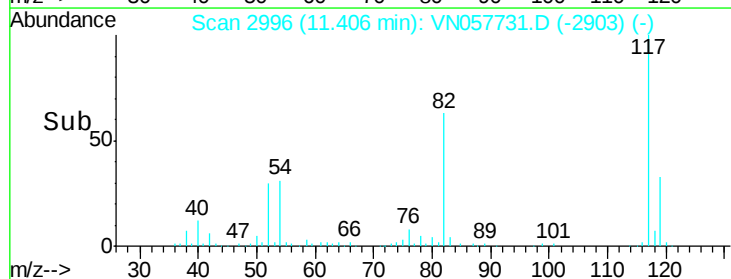
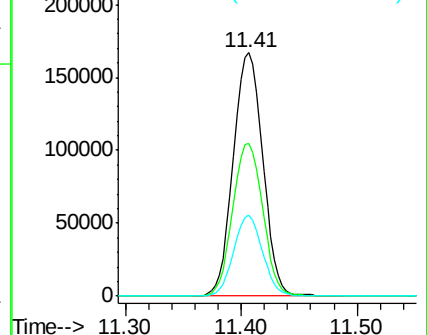
119 33.2 25.4 38.2

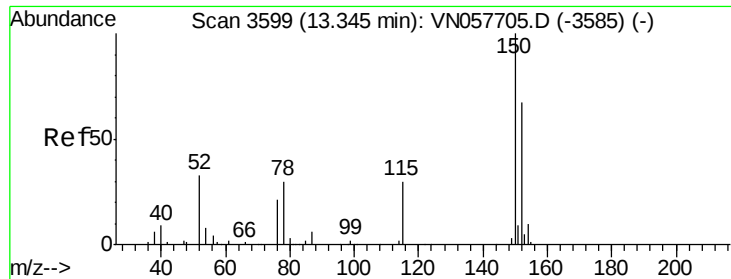


Abundance Ion 116.90 (116.60 to 117.60): VN057731.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN057731.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN057731.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057731.D

Acq: 6 Sep 2019 22:17

Instrument :

MSVOA_N

ClientSampleId :

T12-B3-(3.5)

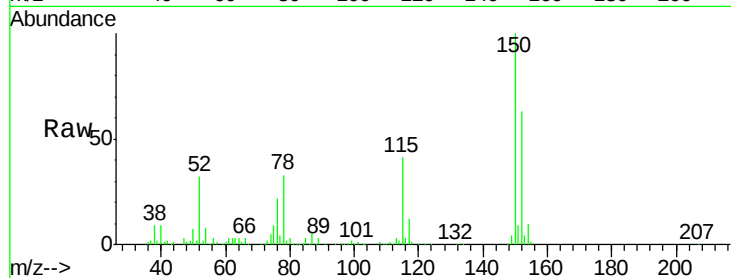
Tot Ion:152 Resp: 148299

Ion Ratio Lower Upper

152 100

115 65.9 33.8 101.3

150 160.2 0.0 345.4



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

