

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083119\
 Data File : VN057605.D
 Acq On : 30 Aug 2019 22:35
 Operator : JC/SP
 Sample : K4517-31
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-C-(0)

Quant Time: Aug 31 01:35:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 2019
 Response via : Initial Calibration

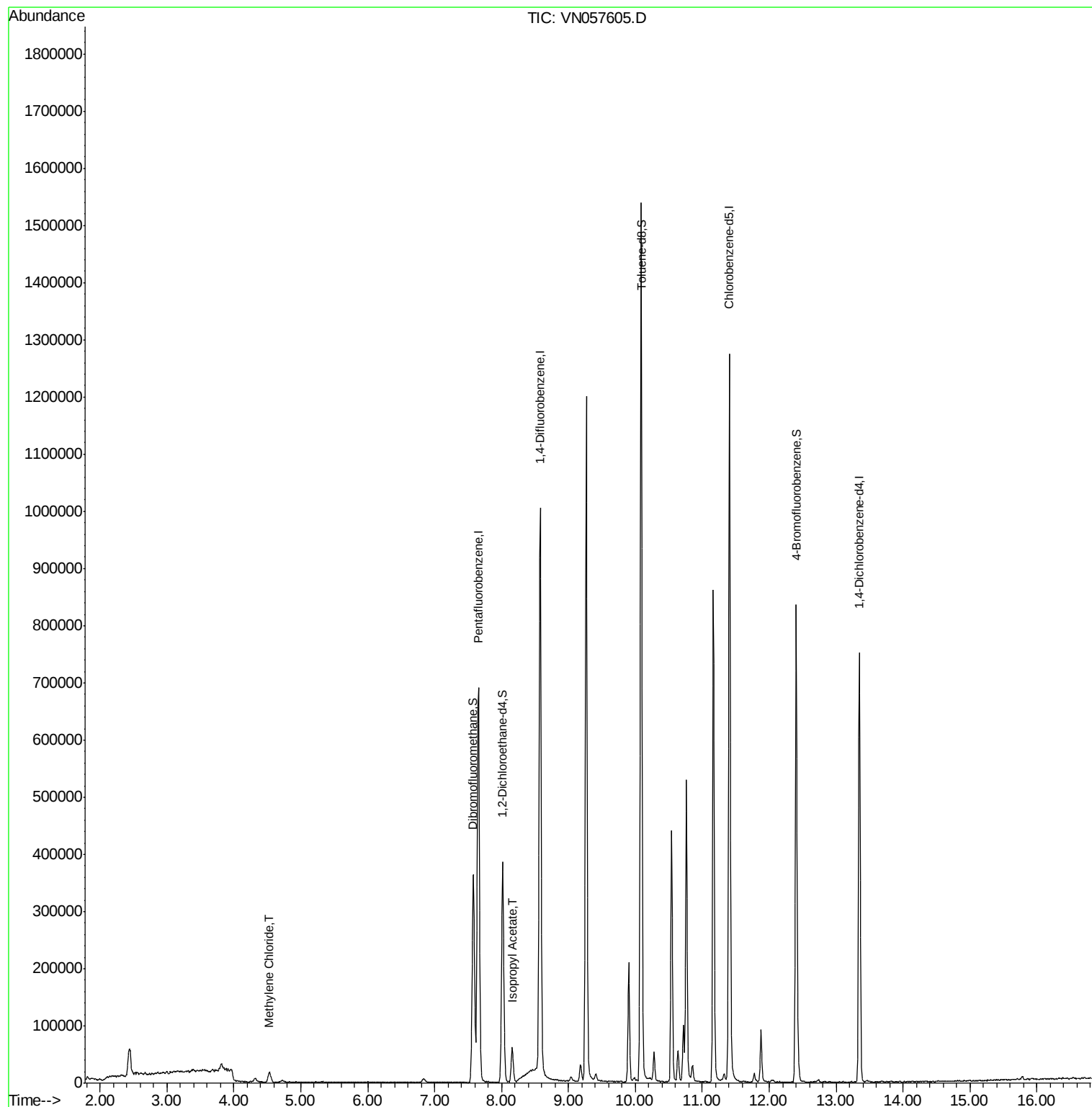
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	571395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	880335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	776566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	215331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	343266	36.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.40%	
35) Dibromofluoromethane	7.58	113	267115	33.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.90%	
50) Toluene-d8	10.09	98	1094406	39.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.64%	
62) 4-Bromofluorobenzene	12.40	95	297953	31.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.78%	
Target Compounds						
20) Methylene Chloride	4.53	84	12194	1.741	ug/l #	81
43) Isopropyl Acetate	8.16	43	70461	5.983	ug/l #	93

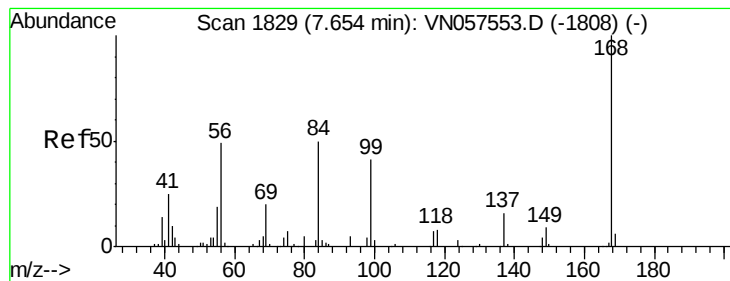
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN083119\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057605.D

Acq: 30 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

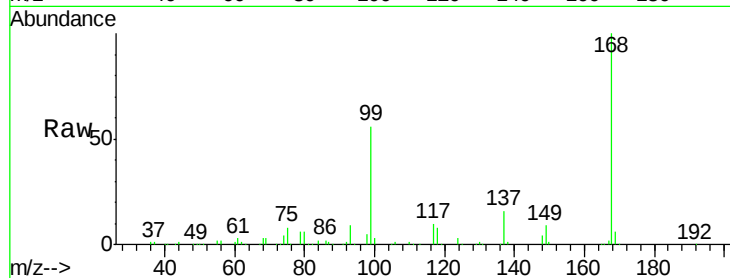
T4-S-C(0)

Tot Ion:168 Resp: 571395

Ion Ratio Lower Upper

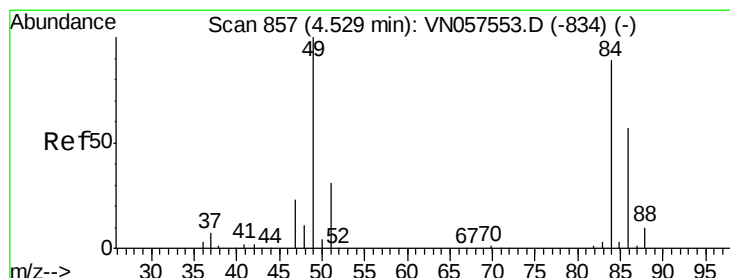
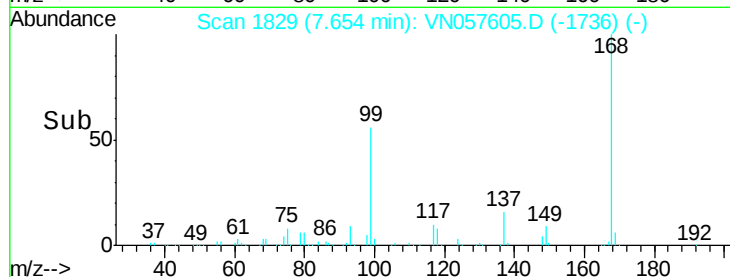
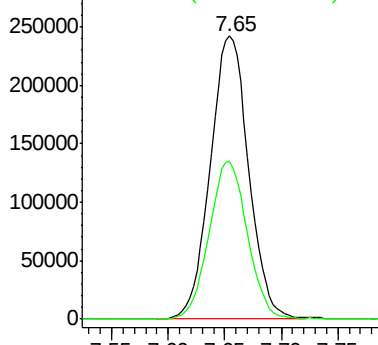
168 100

99 55.6 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.741 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN057605.D

Acq: 30 Aug 2019 22:35

Tgt Ion: 84 Resp: 12194

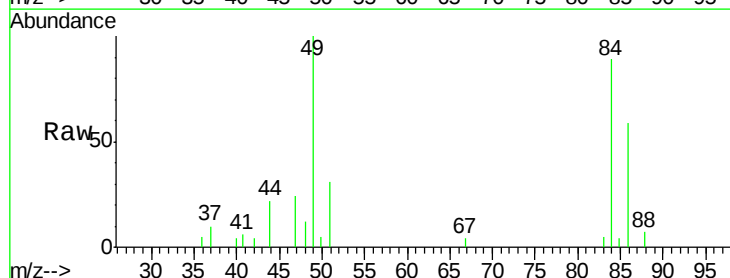
Ion Ratio Lower Upper

84 100

49 112.1 117.0 175.4#

51 35.3 35.5 53.3#

86 65.9 49.8 74.8

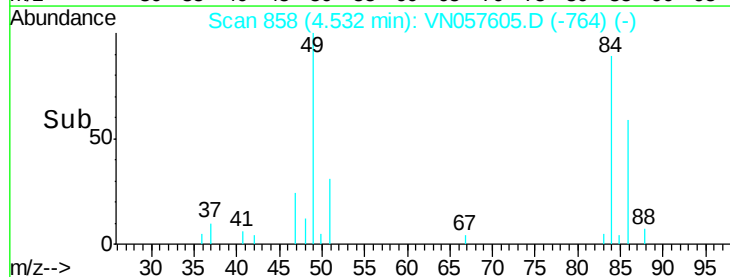
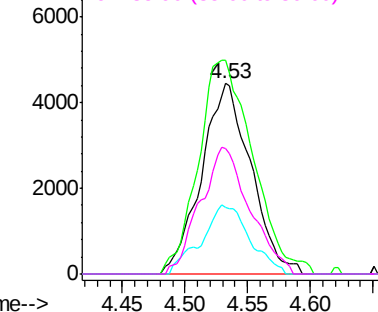


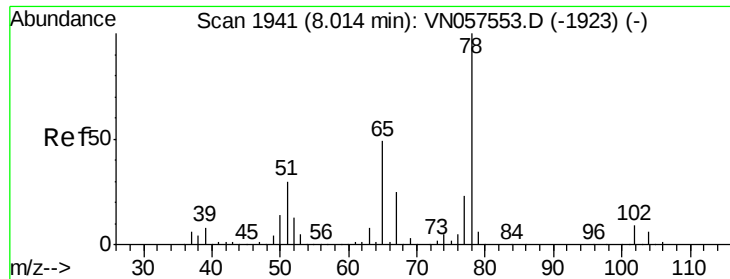
Abundance Ion 83.90 (83.60 to 84.60): VNO

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: 36.704 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057605.D

Acq: 30 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

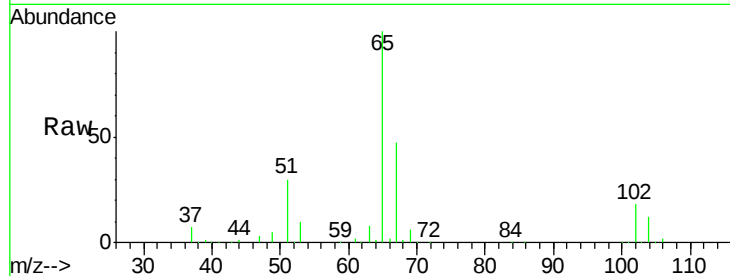
T4-S-C(0)

Tot Ion: 65 Resp: 343266

Ion Ratio Lower Upper

65 100

67 48.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057553.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN057553.D (-1923) (-)

8.02

150000

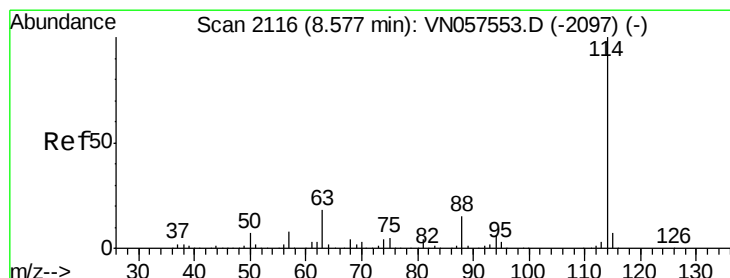
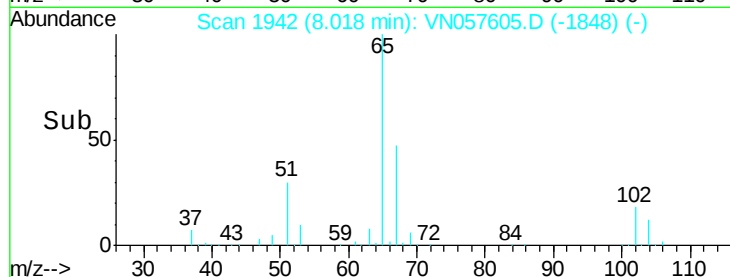
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057605.D

Acq: 30 Aug 2019 22:35

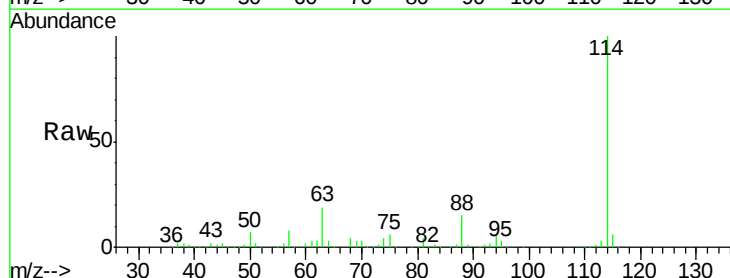
Tgt Ion: 114 Resp: 880335

Ion Ratio Lower Upper

114 100

63 19.2 0.0 50.2

88 15.1 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): VN057553.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057553.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057553.D (-2097) (-)

8.58

600000

500000

400000

300000

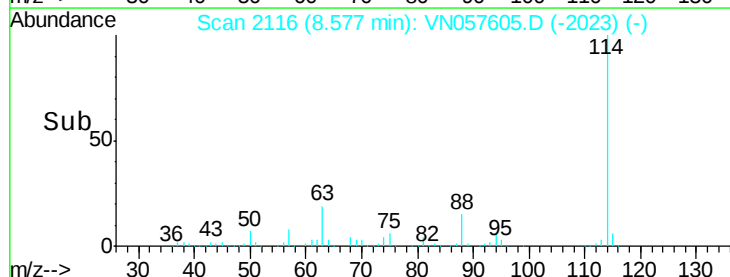
200000

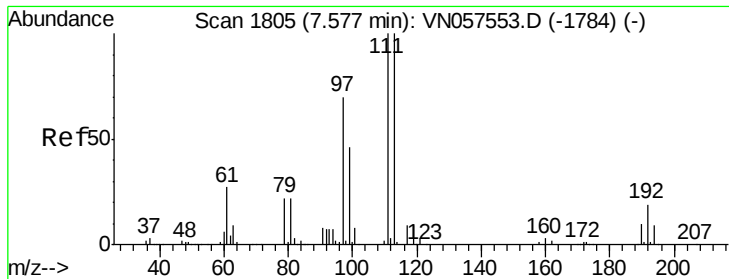
100000

0

8.50 8.55 8.60 8.65

Time-->





#35

Dibromofluoromethane

Concen: 33.948 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN057605.D

Acq: 30 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

T4-S-C-(0)

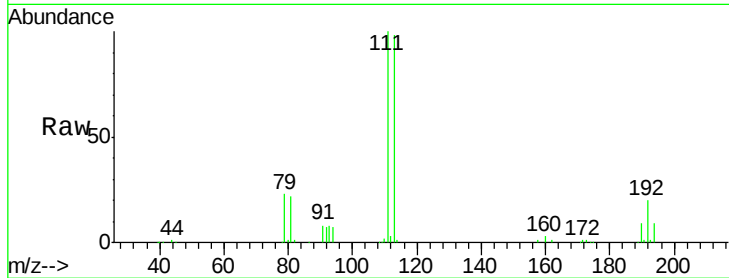
Tot Ion:113 Resp: 267115

Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

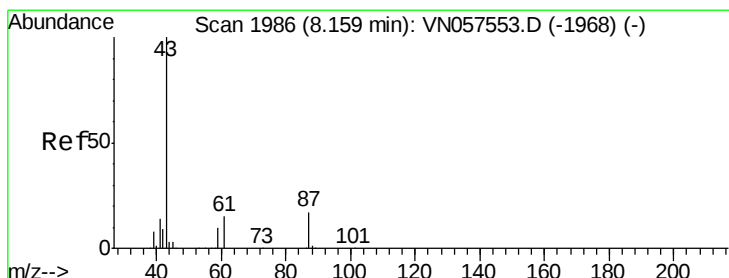
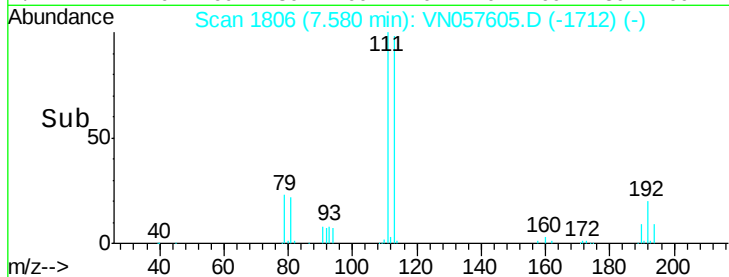
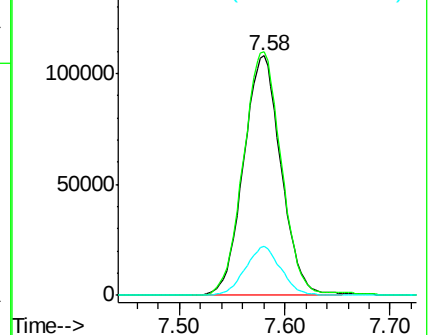
192 19.4 13.5 20.3



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: 5.983 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057605.D

Acq: 30 Aug 2019 22:35

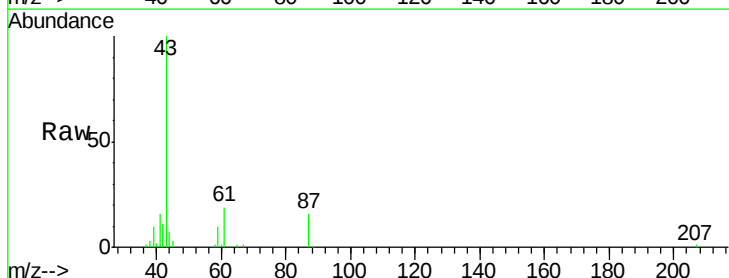
Tgt Ion: 43 Resp: 70461

Ion Ratio Lower Upper

43 100

61 19.6 14.5 21.7

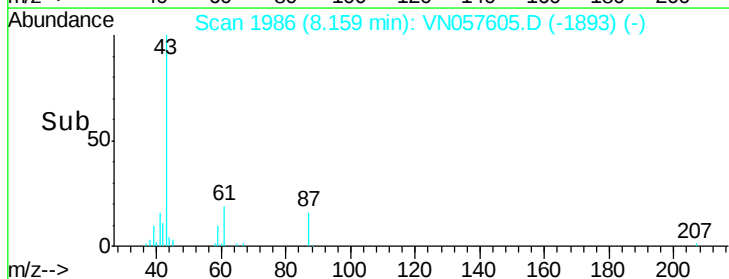
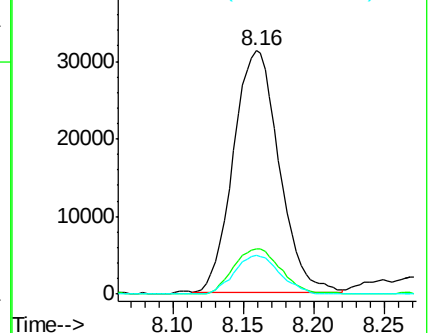
87 15.8 8.6 12.8#

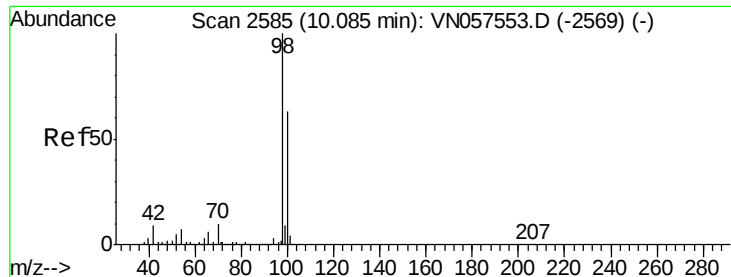


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 39.322 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057605.D

Acq: 30 Aug 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

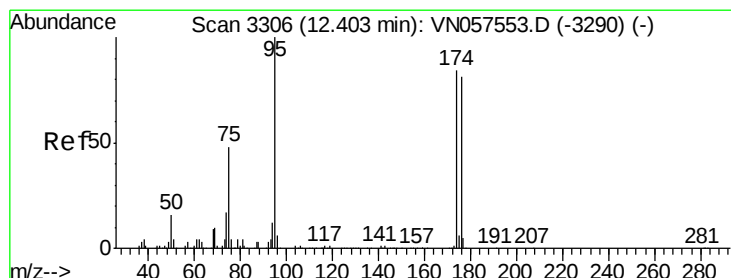
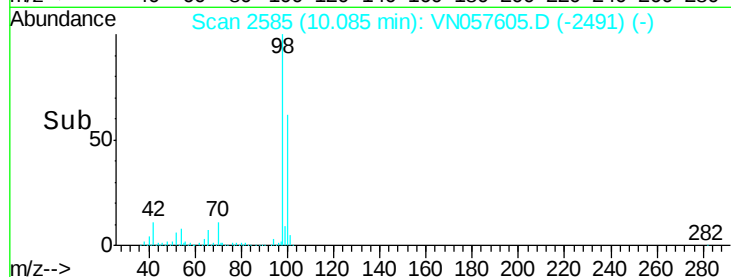
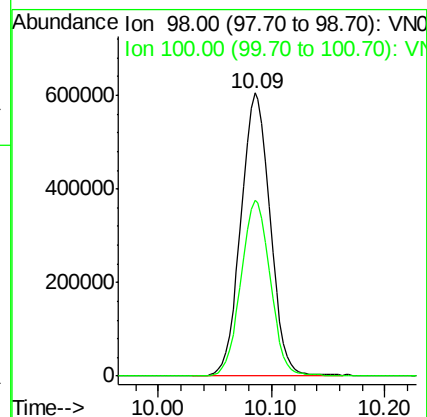
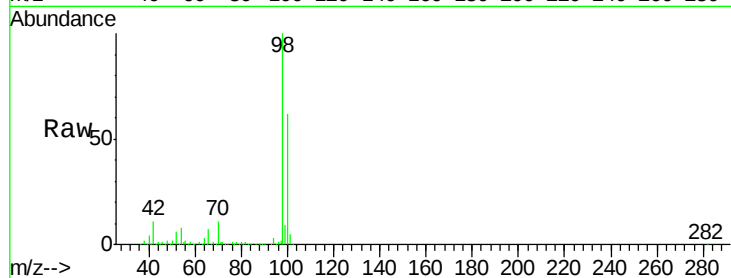
T4-S-C(0)

Tot Ion: 98 Resp: 1094406

Ion Ratio Lower Upper

98 100

100 62.3 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 31.892 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057605.D

Acq: 30 Aug 2019 22:35

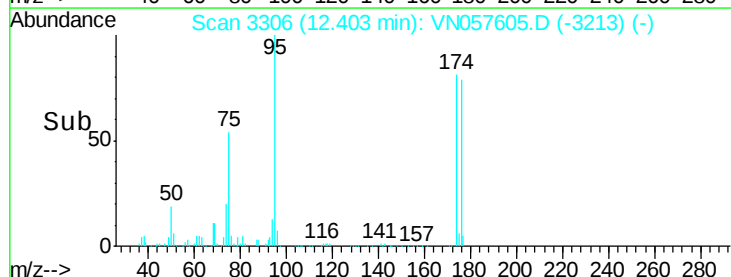
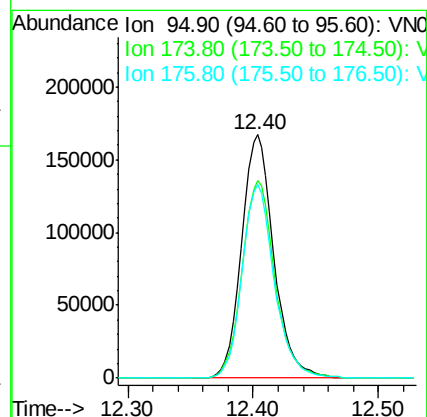
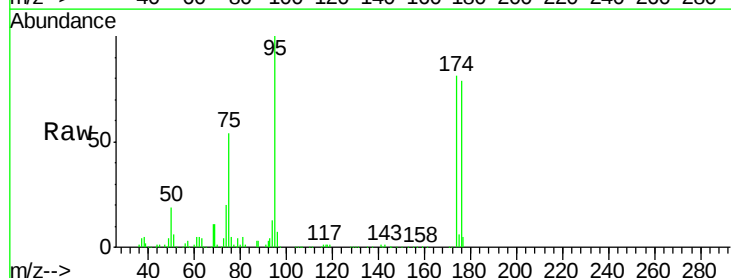
Tgt Ion: 95 Resp: 297953

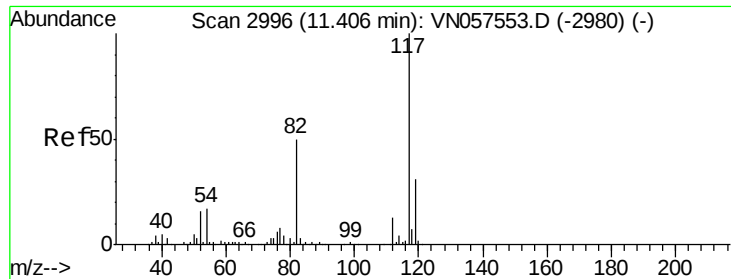
Ion Ratio Lower Upper

95 100

174 83.1 0.0 133.0

176 79.9 0.0 130.8

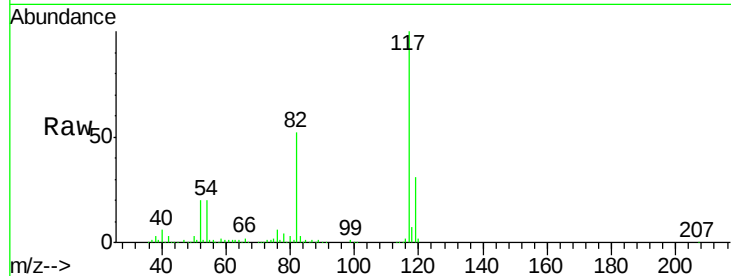




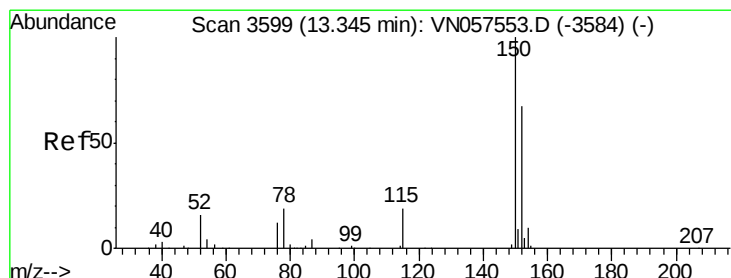
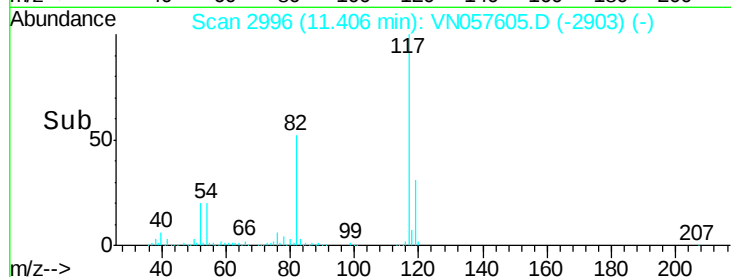
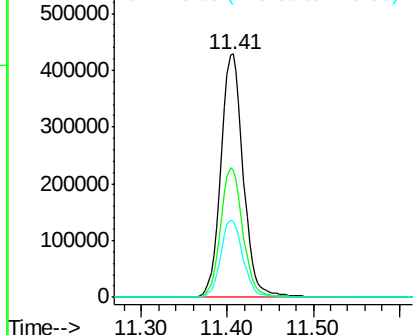
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057605.D
Acq: 30 Aug 2019 22:35

Instrument :
MSVOA_N
ClientSampled :
T4-S-C(0)

Tot Ion:117 Resp: 776566
Ion Ratio Lower Upper
117 100
82 52.5 50.6 75.8
119 31.1 24.6 36.8

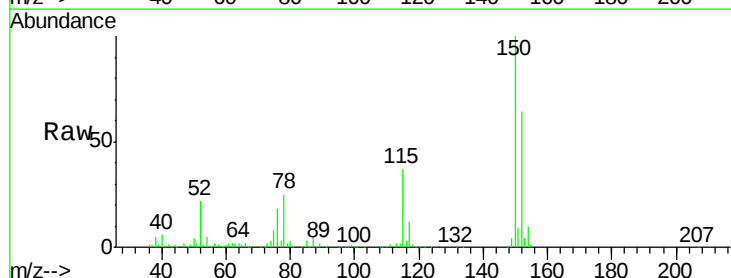


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057605.D
Acq: 30 Aug 2019 22:35

Tgt Ion:152 Resp: 215331
Ion Ratio Lower Upper
152 100
115 57.1 32.0 96.0
150 154.9 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

