

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057625.D
 Acq On : 31 Aug 2019 19:57
 Operator : JC/SP
 Sample : K4517-26
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D2-(0)

Quant Time: Sep 01 00:41:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

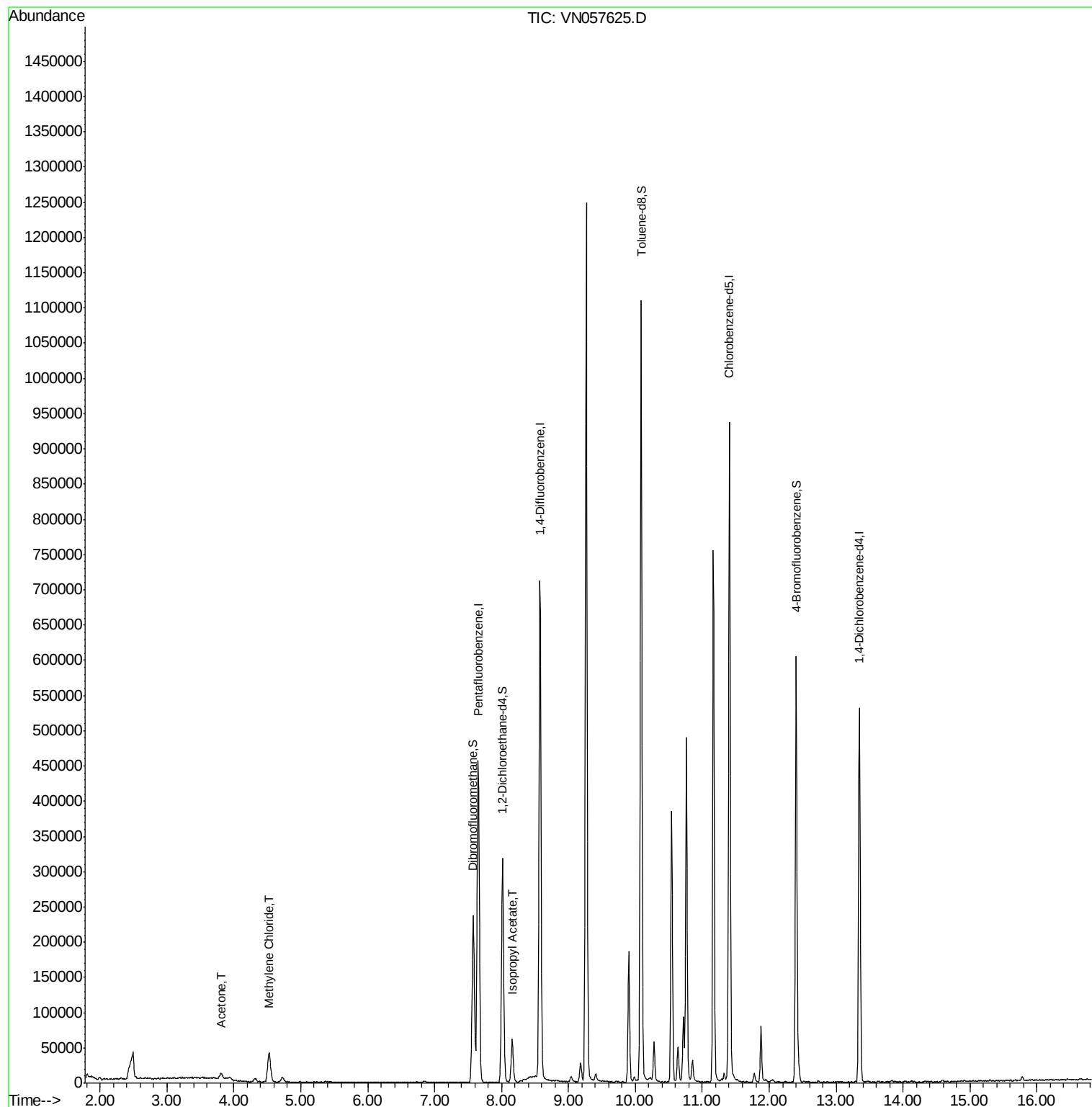
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	319132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	550518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	476865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	134072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	270408	37.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.02%	
35) Dibromofluoromethane	7.58	113	167113	34.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.52%	
50) Toluene-d8	10.08	98	697526	37.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.58%	
62) 4-Bromofluorobenzene	12.40	95	208851	29.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.52%	
Target Compounds						
16) Acetone	3.81	43	10626	5.259	ug/l	98
20) Methylene Chloride	4.53	84	28062	5.610	ug/l	96
43) Isopropyl Acetate	8.16	43	74300	5.940	ug/l	99

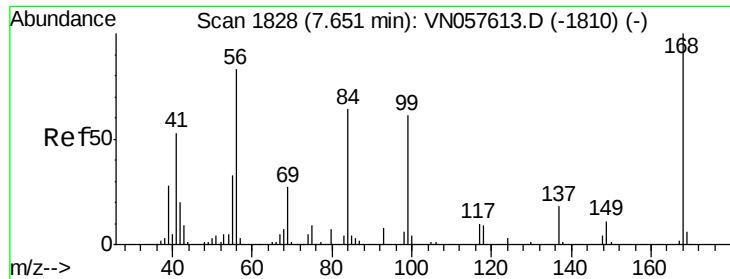
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090119\
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Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:54:32 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: VN057625.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_N

ClientSampled :

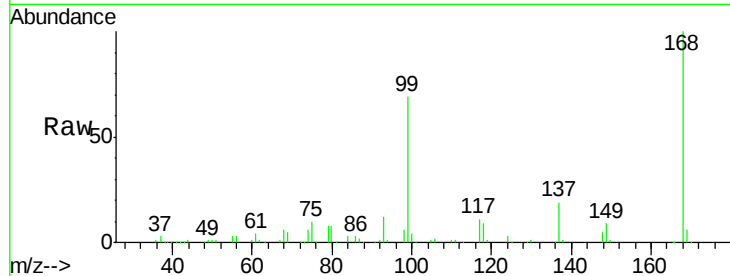
T4-S-D2-(0)

Tot Ion:168 Resp: 319132

Ion Ratio Lower Upper

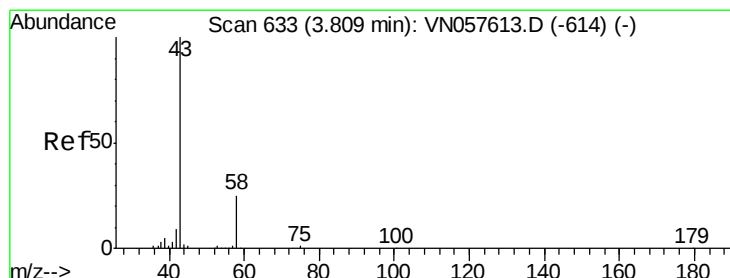
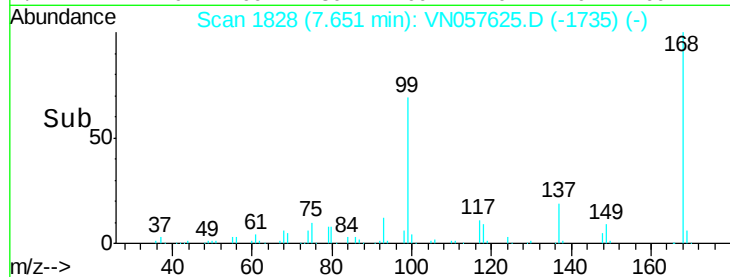
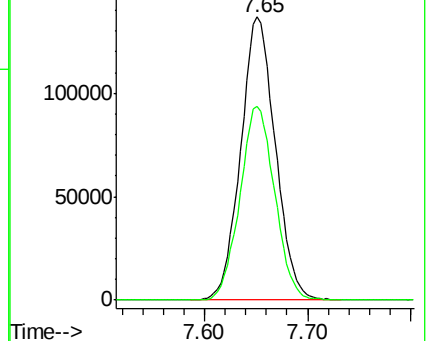
168 100

99 68.5 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.259 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN057625.D

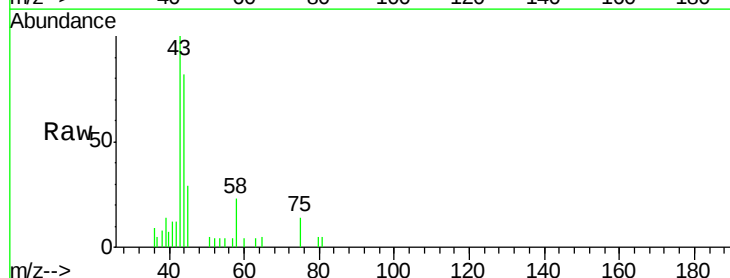
Acq: 31 Aug 2019 19:57

Tgt Ion: 43 Resp: 10626

Ion Ratio Lower Upper

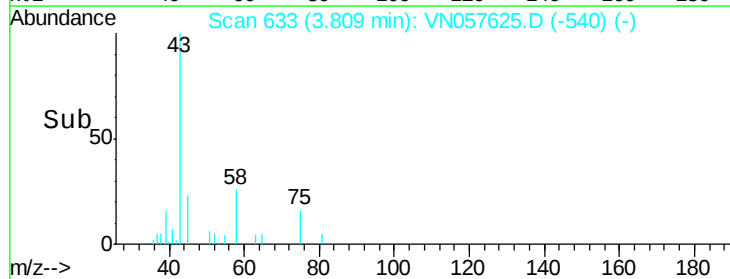
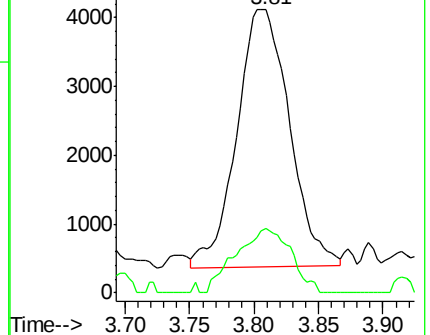
43 100

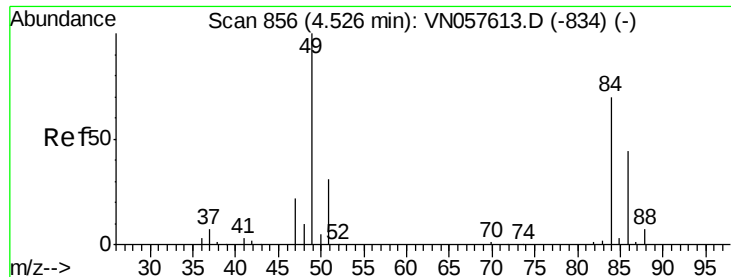
58 26.0 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

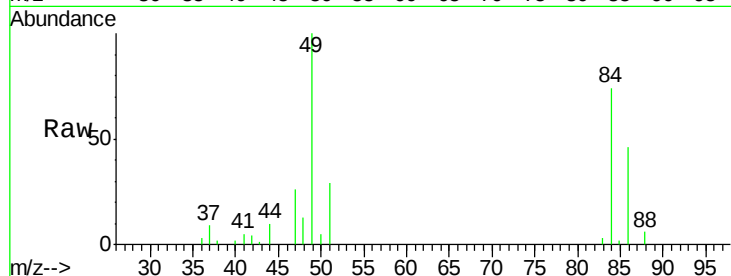




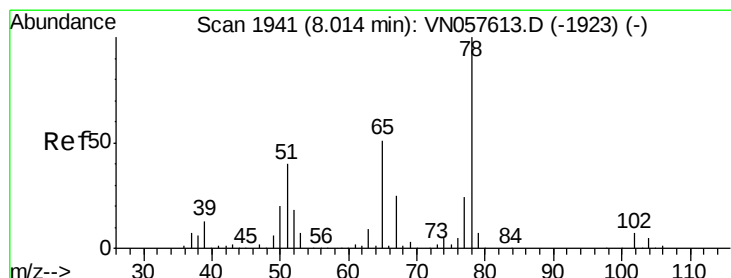
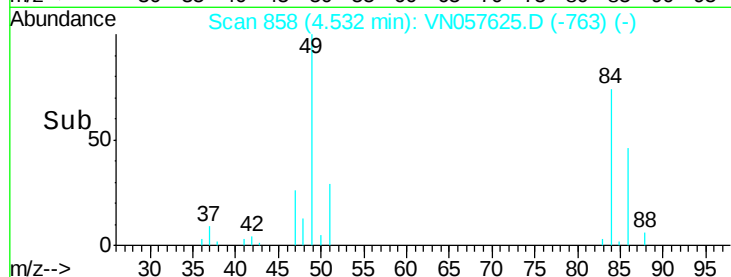
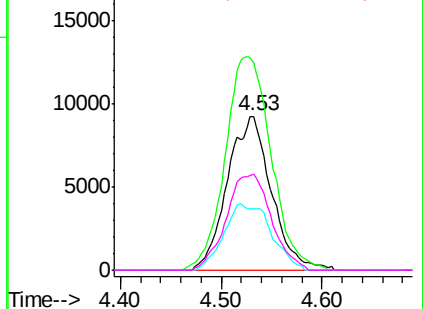
#20
Methvlene Chloride
Concen: 5.610 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057625.D
Acq: 31 Aug 2019 19:57

Instrument :
MSVOA_N
ClientSampleId :
T4-S-D2-(0)

Tot Ion: 84 Resp: 28062
Ion Ratio Lower Upper
84 100
49 135.2 113.8 170.6
51 39.8 35.0 52.6
86 62.8 50.6 75.8

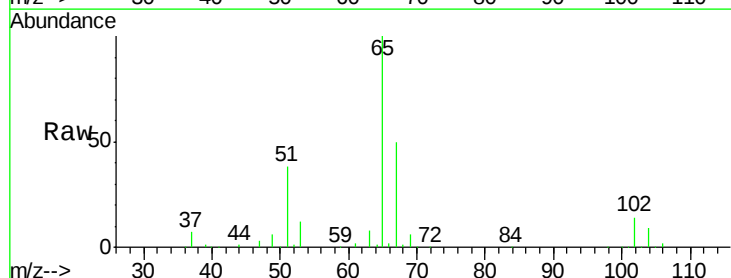


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

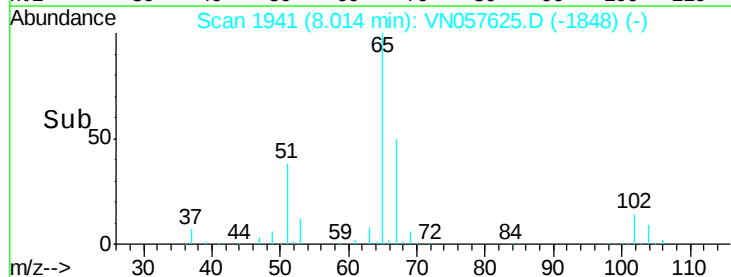
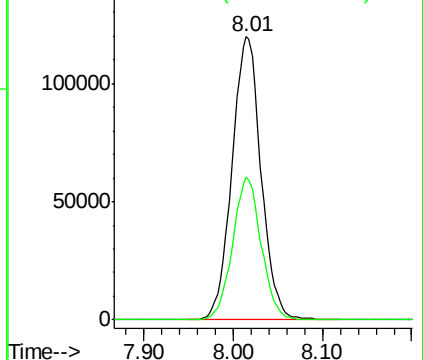


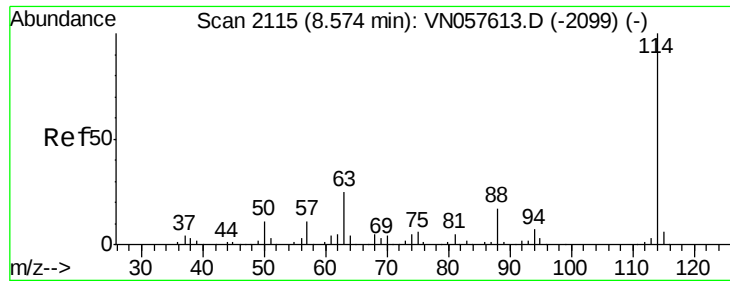
#33
1,2-Dichloroethane-d4
Concen: 37.509 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057625.D
Acq: 31 Aug 2019 19:57

Tgt Ion: 65 Resp: 270408
Ion Ratio Lower Upper
65 100
67 49.5 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

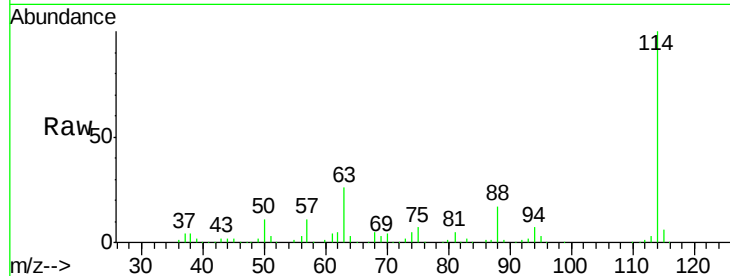




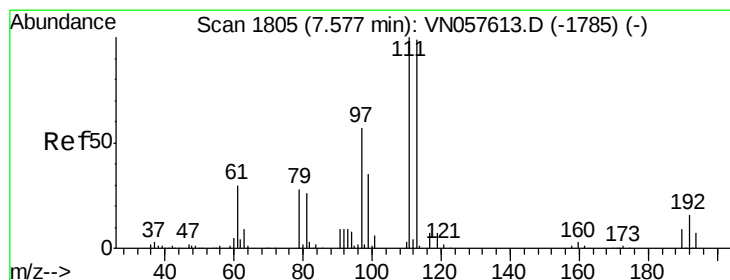
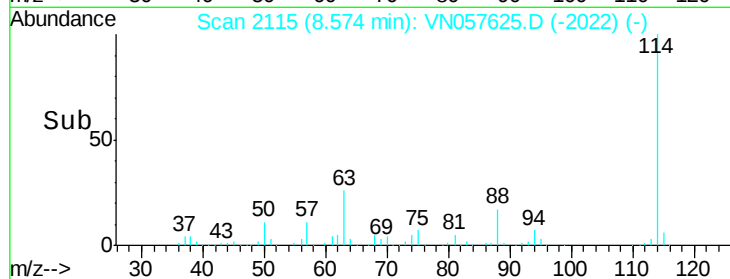
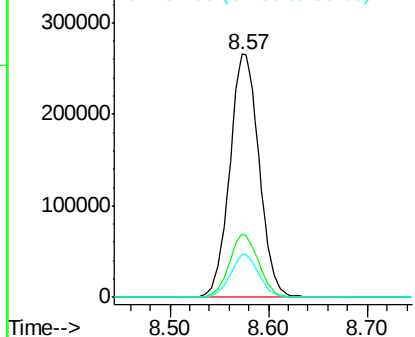
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057625.D
 Acq: 31 Aug 2019 19:57

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D2-(0)

Tot Ion:114 Resp: 550518
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 49.0
 88 17.5 0.0 33.0

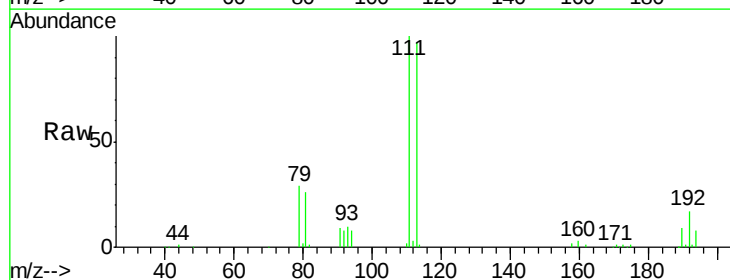


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

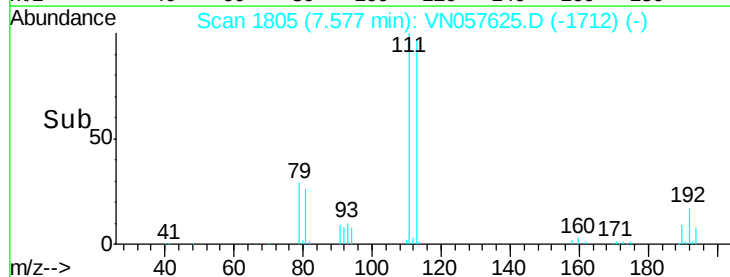
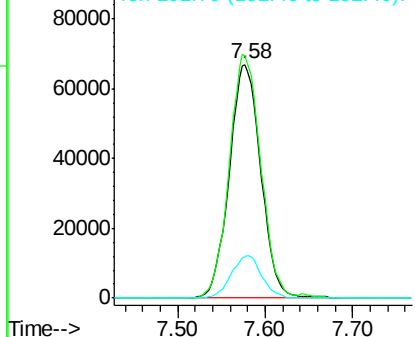


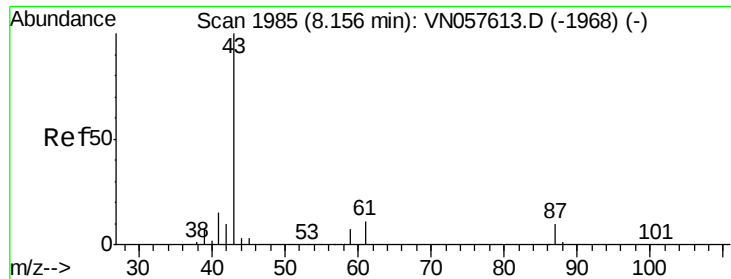
#35
 Dibromofluoromethane
 Concen: 34.760 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057625.D
 Acq: 31 Aug 2019 19:57

Tgt Ion:113 Resp: 167113
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.3 121.9
 192 17.5 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: 5.940 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057625.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D2-(0)

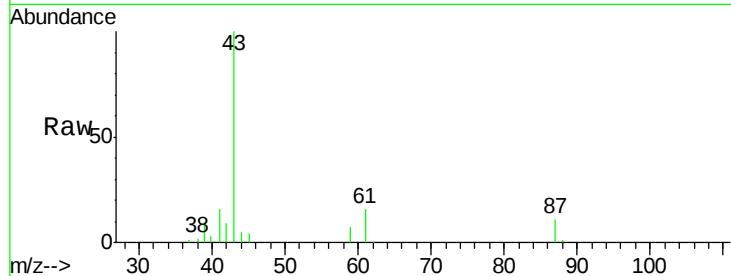
Tot Ion: 43 Resp: 74300

Ion Ratio Lower Upper

43 100

61 16.2 13.1 19.7

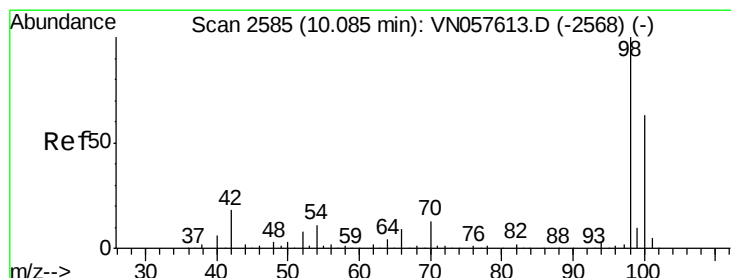
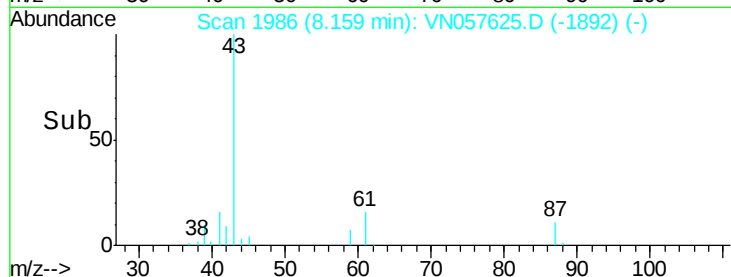
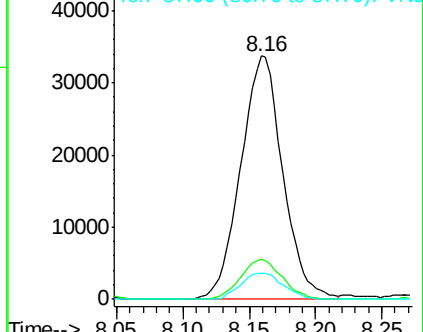
87 10.7 8.1 12.1



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: 37.791 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057625.D

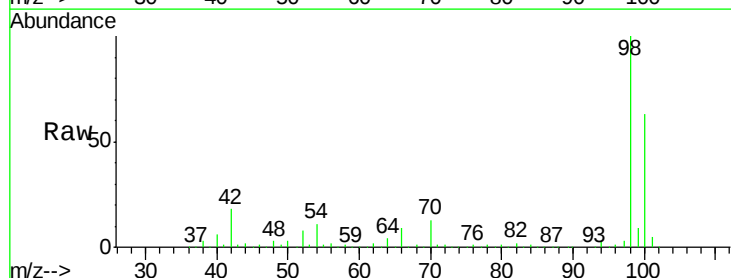
Acq: 31 Aug 2019 19:57

Tgt Ion: 98 Resp: 697526

Ion Ratio Lower Upper

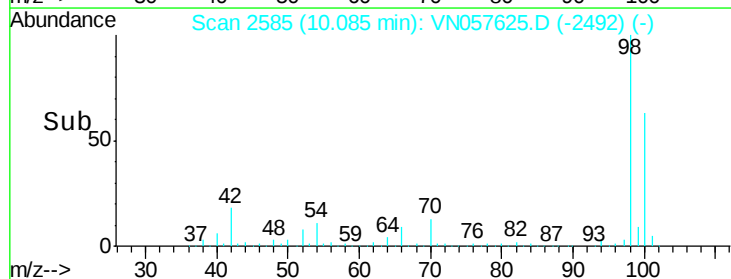
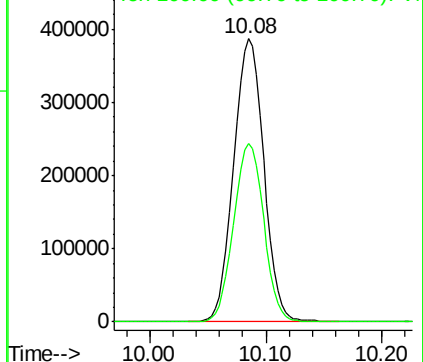
98 100

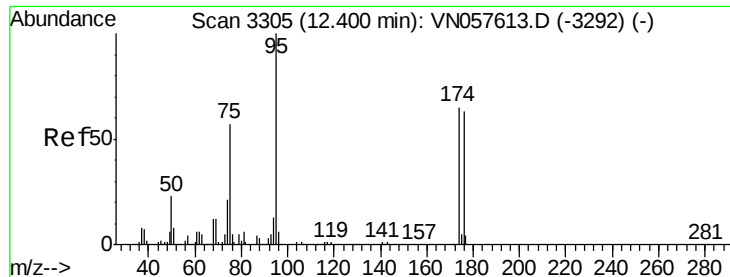
100 63.1 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 29.757 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057625.D

Acq: 31 Aug 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D2-(0)

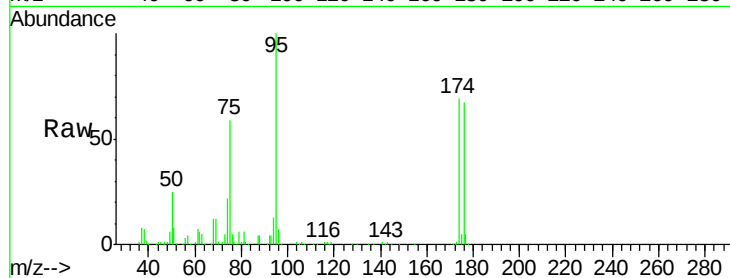
Tot Ion: 95 Resp: 208851

Ion Ratio Lower Upper

95 100

174 69.1 0.0 134.8

176 66.4 0.0 131.6



Abundance Ion 94.90 (94.60 to 95.60): VN057613.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN057613.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN057613.D (-3292) (-)

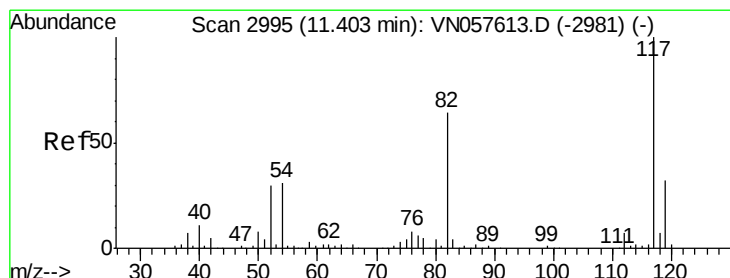
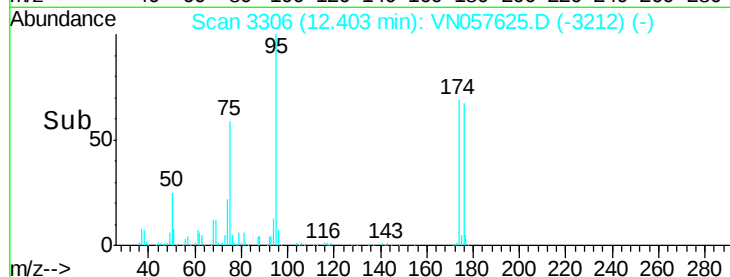
12.40

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057625.D

Acq: 31 Aug 2019 19:57

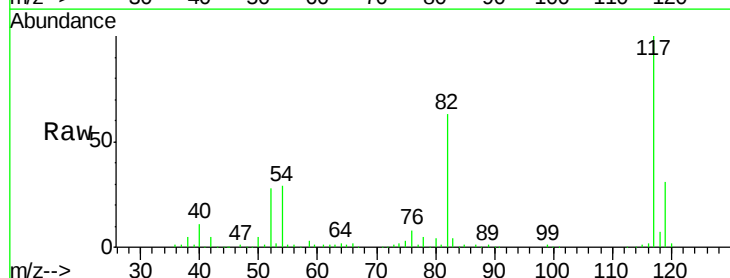
Tgt Ion: 117 Resp: 476865

Ion Ratio Lower Upper

117 100

82 62.5 51.6 77.4

119 31.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN057613.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057613.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057613.D (-2981) (-)

11.41

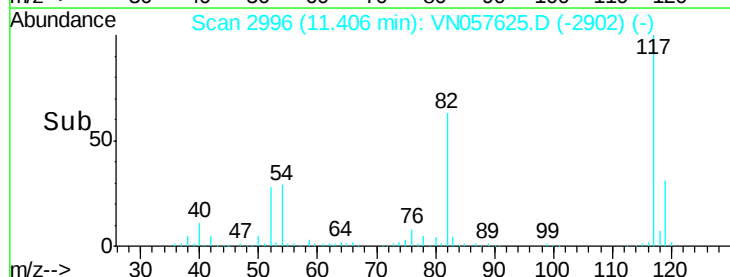
300000

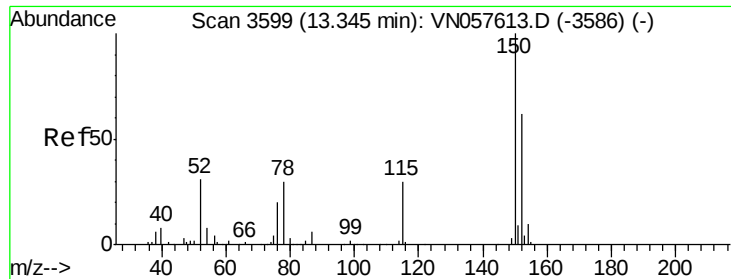
200000

100000

0

Time--> 11.30 11.40 11.50 11.60





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057625.D

Acq: 31 Aug 2019 19:57

Instrument :

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ClientSampleId :

T4-S-D2-(0)

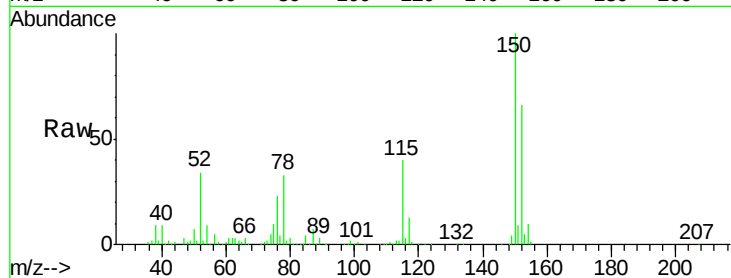
Tot Ion:152 Resp: 134072

Ion Ratio Lower Upper

152 100

115 63.6 33.2 99.6

150 155.5 0.0 365.2



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

