

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083119\
 Data File : VN057601.D
 Acq On : 30 Aug 2019 20:54
 Operator : JC/SP
 Sample : K4517-25
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D1-(2.5)

Quant Time: Aug 31 01:22:48 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

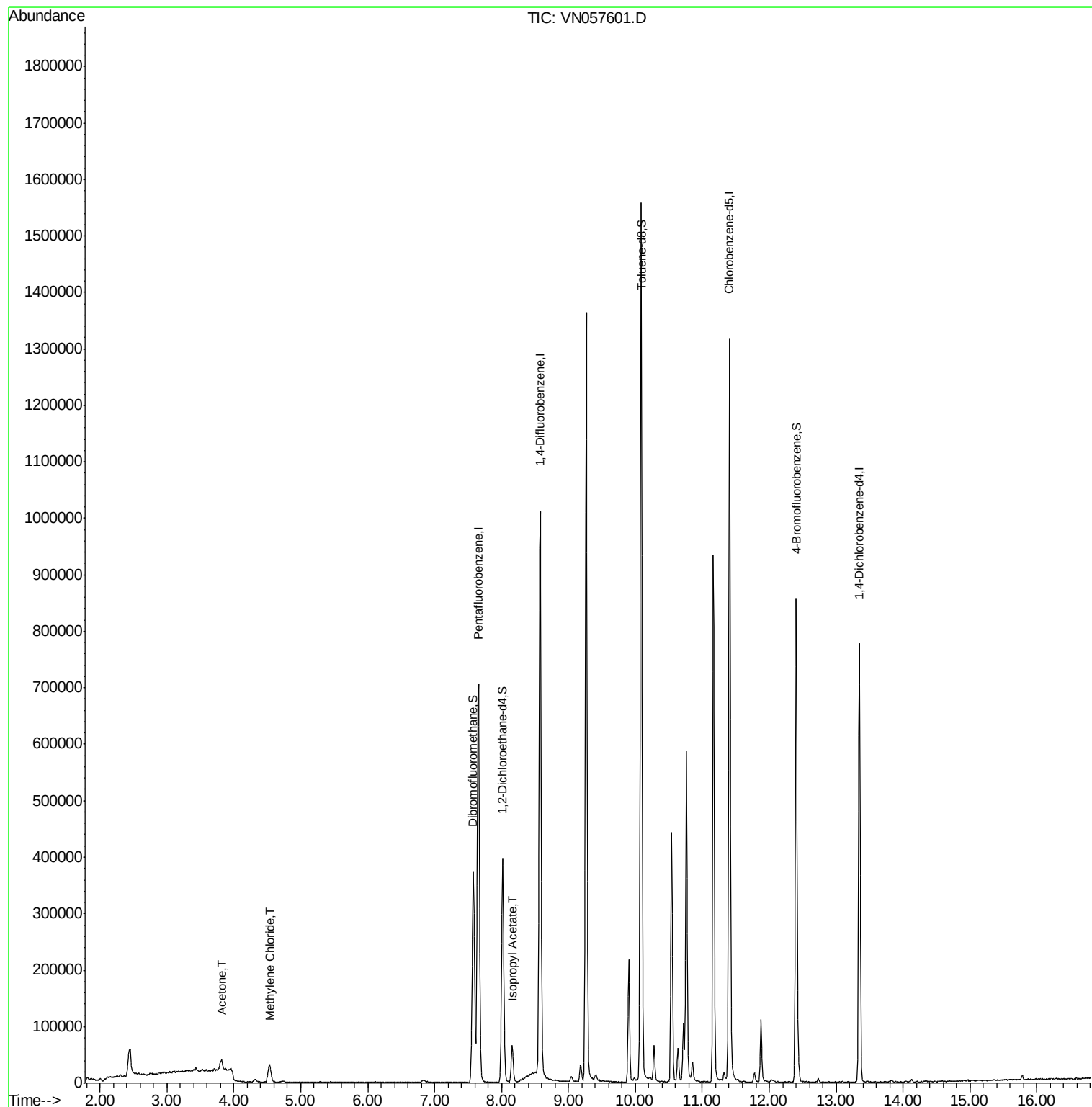
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	580740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	906361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	795137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	222097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	350653	36.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.78%	
35) Dibromofluoromethane	7.58	113	277658	34.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.54%	
50) Toluene-d8	10.09	98	1113913	38.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.74%	
62) 4-Bromofluorobenzene	12.40	95	305639	31.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.56%	
Target Compounds						
16) Acetone	3.81	43	25089	6.530	ug/l #	78
20) Methylene Chloride	4.53	84	23114	3.247	ug/l #	82
43) Isopropyl Acetate	8.16	43	75843	6.255	ug/l #	95

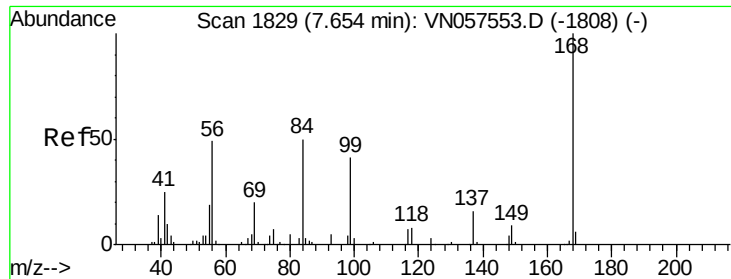
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 11:59:03 2019
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: VN057601.D

Acq: 30 Aug 2019 20:54

Instrument :

MSVOA_N

ClientSampled :

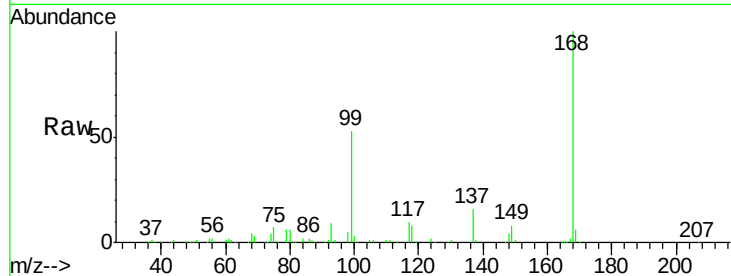
T4-S-D1-(2.5)

Tot Ion:168 Resp: 580740

Ion Ratio Lower Upper

168 100

99 53.2 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

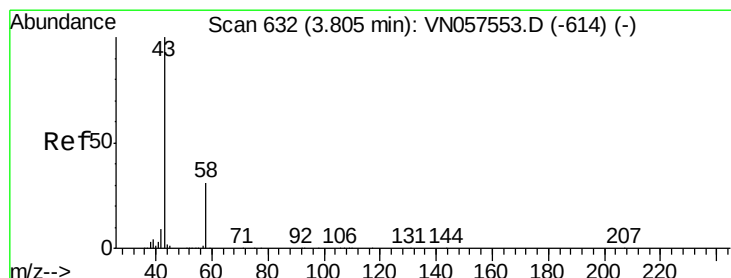
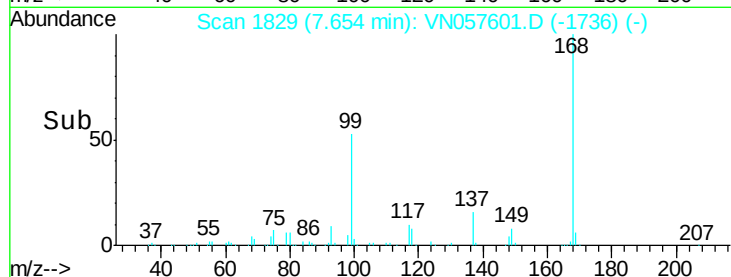
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.530 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN057601.D

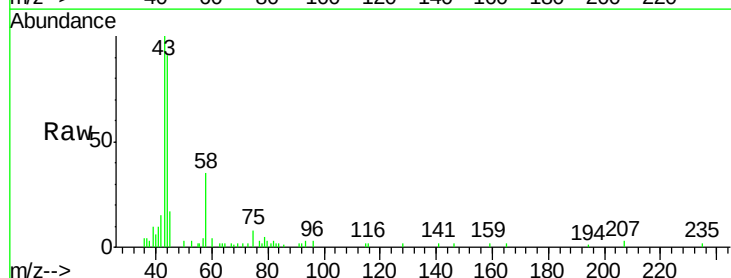
Acq: 30 Aug 2019 20:54

Tgt Ion: 43 Resp: 25089

Ion Ratio Lower Upper

43 100

58 39.1 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

12000

10000

8000

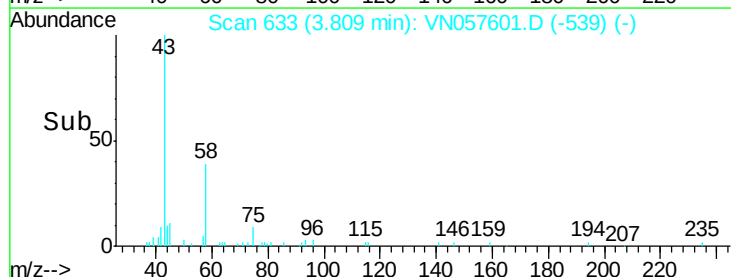
6000

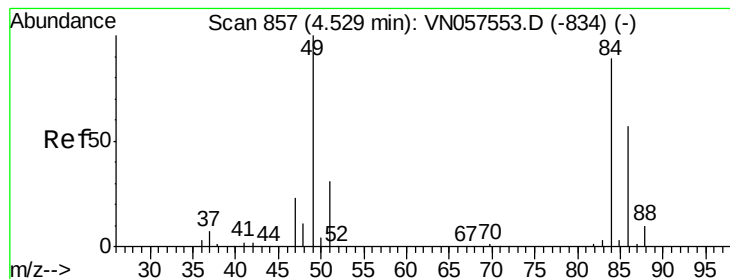
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 3.247 ug/l

RT: 4.53 min Scan# 856

Delta R.T. -0.00 min

Lab File: VN057601.D

Acq: 30 Aug 2019 20:54

Instrument :

MSVOA_N

ClientSampled :

T4-S-D1-(2.5)

Tot Ion: 84 Resp: 23114

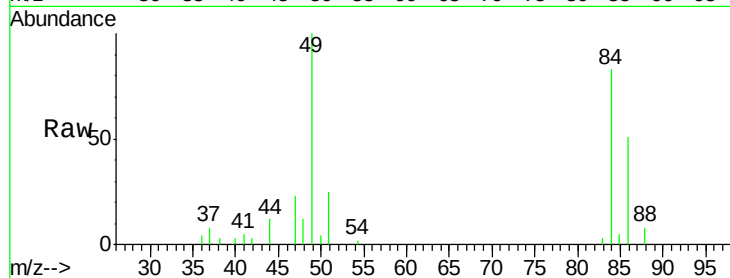
Ion Ratio Lower Upper

84 100

49 118.3 117.0 175.4

51 28.6 35.5 53.3#

86 61.1 49.8 74.8

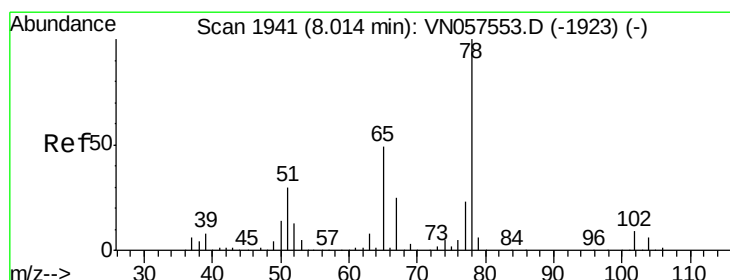
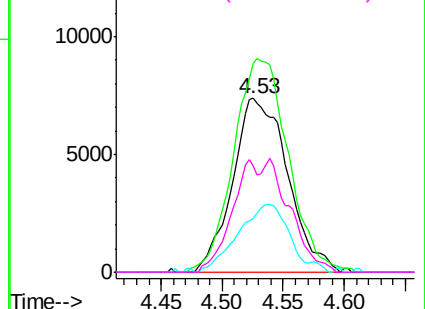
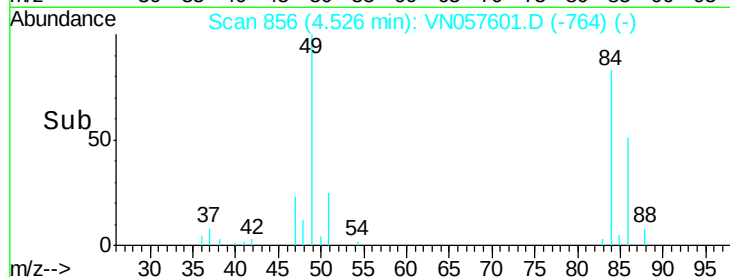


Abundance Ion 83.90 (83.60 to 84.60): VNC

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: 36.890 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057601.D

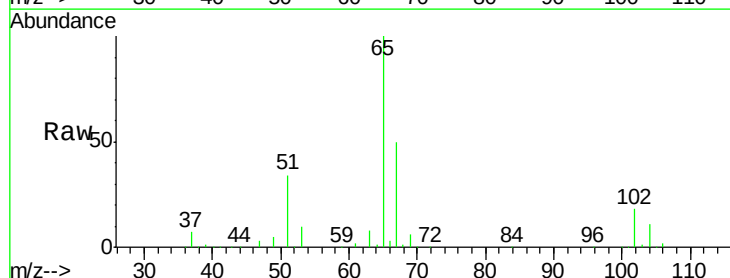
Acq: 30 Aug 2019 20:54

Tgt Ion: 65 Resp: 350653

Ion Ratio Lower Upper

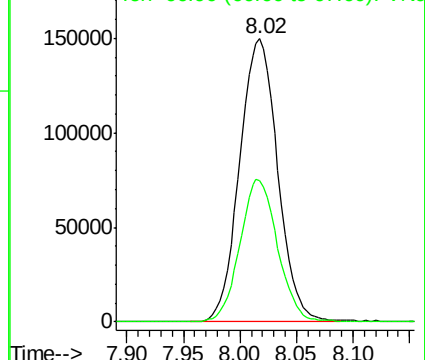
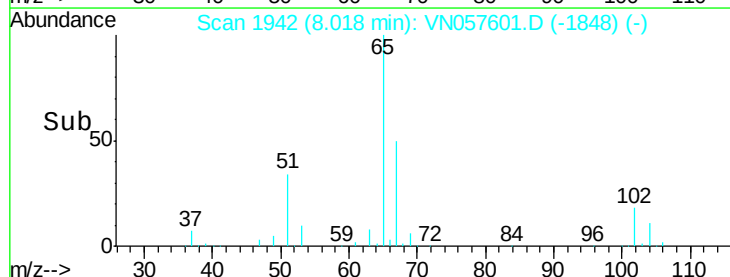
65 100

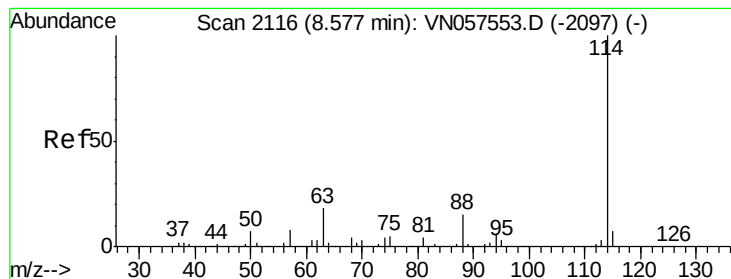
67 49.8 0.0 103.8



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: VN057601.D

Acq: 30 Aug 2019 20:54

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D1-(2.5)

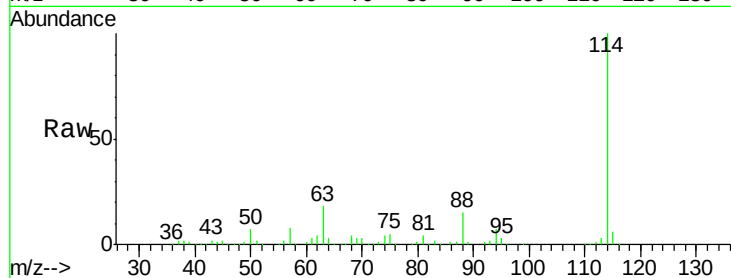
Tot Ion:114 Resp: 906361

Ion Ratio Lower Upper

114 100

63 18.0 0.0 50.2

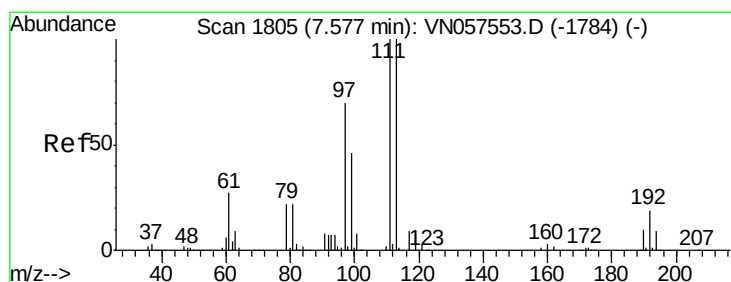
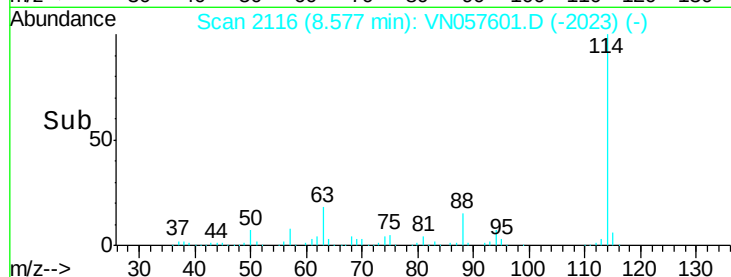
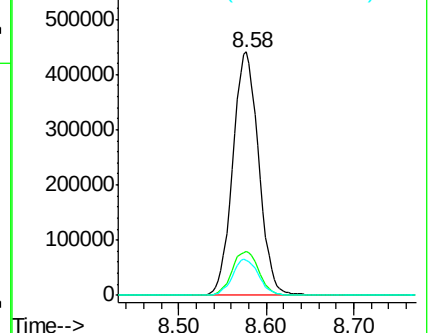
88 14.6 0.0 34.6



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: 34.274 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057601.D

Acq: 30 Aug 2019 20:54

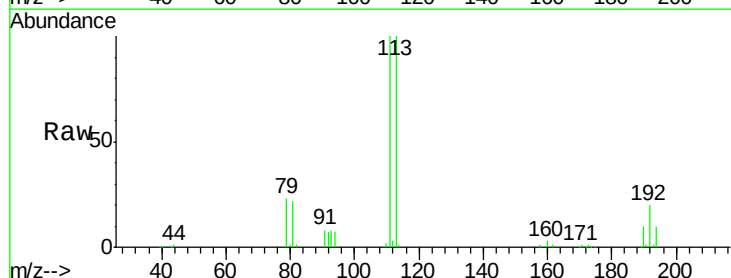
Tgt Ion:113 Resp: 277658

Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

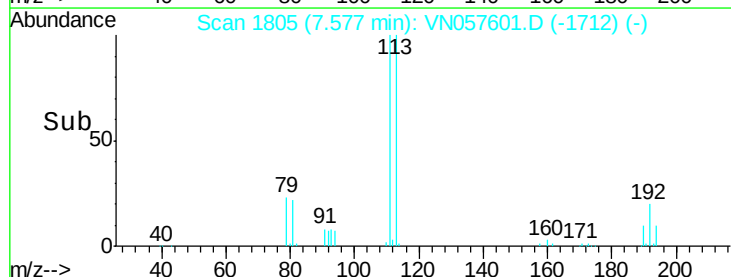
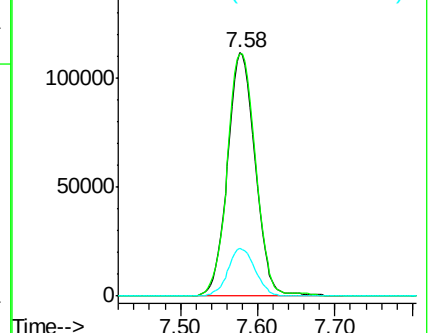
192 19.2 13.5 20.3

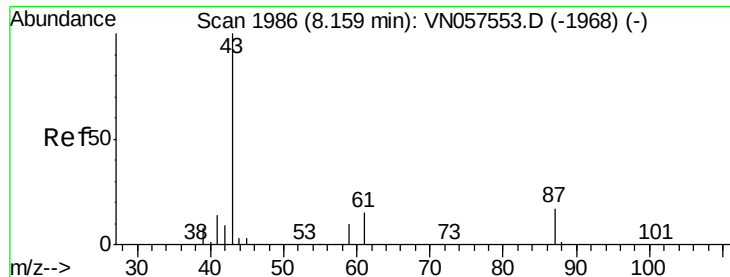


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.255 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057601.D

Acq: 30 Aug 2019 20:54

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D1-(2.5)

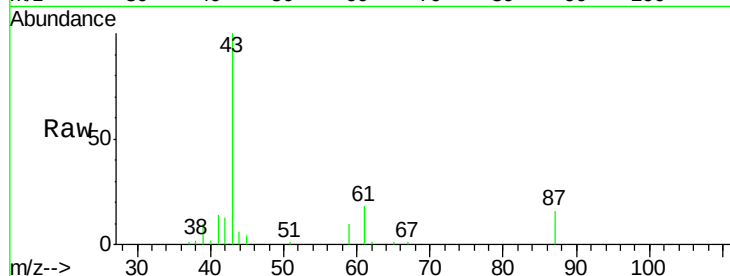
Tot Ion: 43 Resp: 75843

Ion Ratio Lower Upper

43 100

61 19.0 14.5 21.7

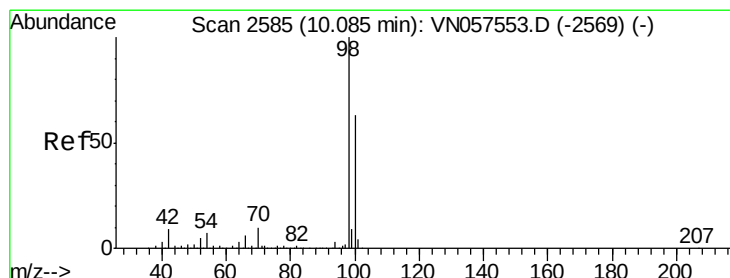
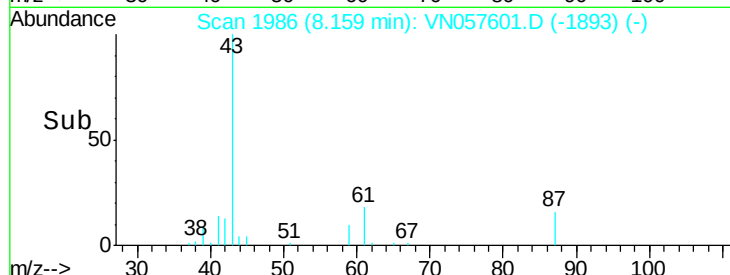
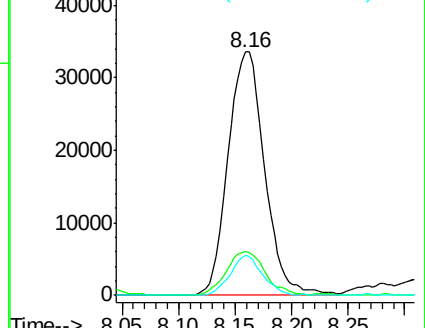
87 14.4 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN057553.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN057553.D (-1968) (-)



#50

Toluene-d8

Concen: 38.873 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057601.D

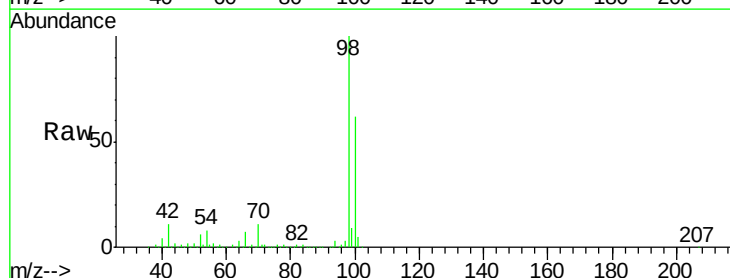
Acq: 30 Aug 2019 20:54

Tgt Ion: 98 Resp: 1113913

Ion Ratio Lower Upper

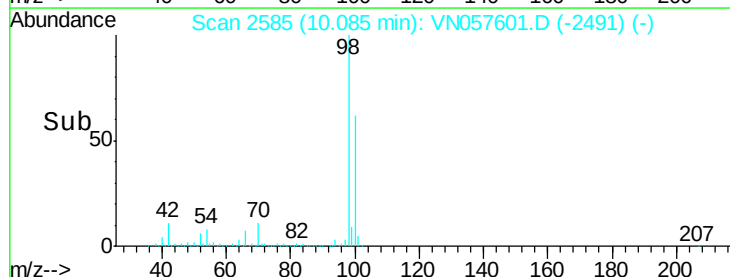
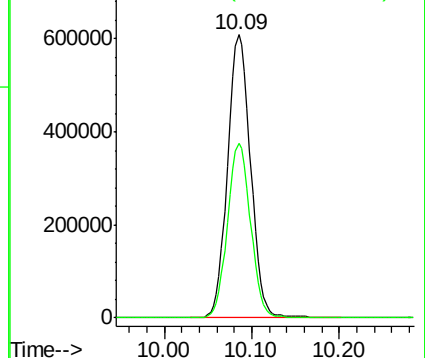
98 100

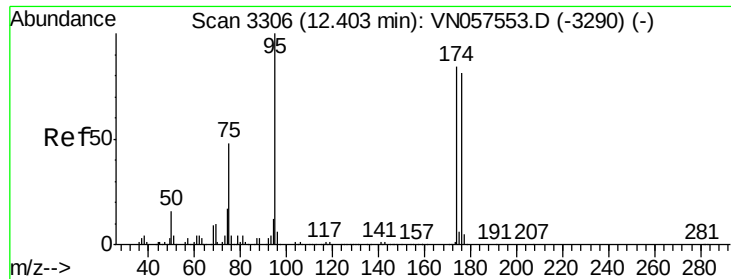
100 62.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057553.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057553.D (-2569) (-)

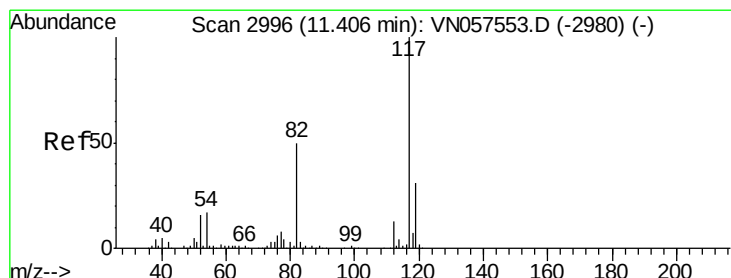
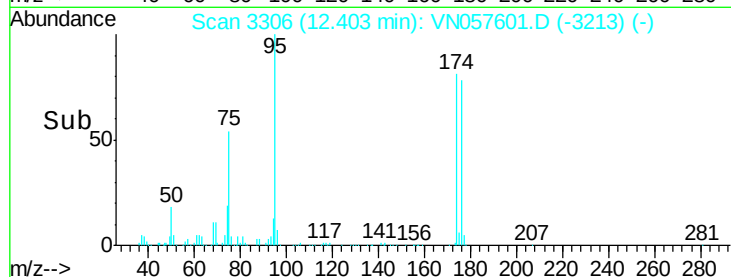
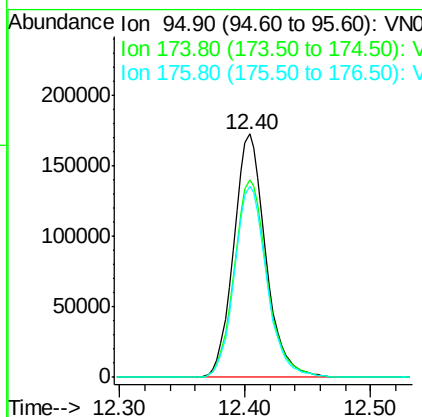
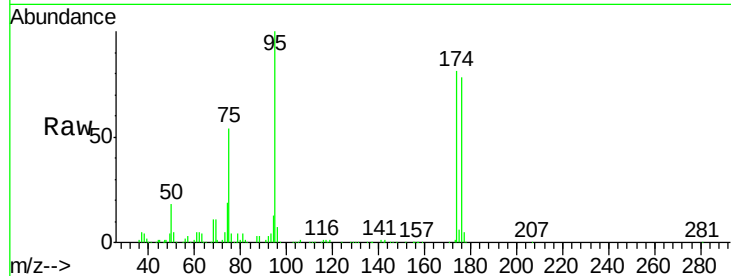




#62
4-Bromofluorobenzene
Concen: 31.775 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057601.D
Acq: 30 Aug 2019 20:54

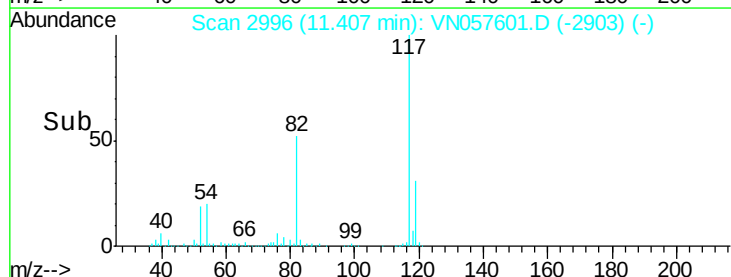
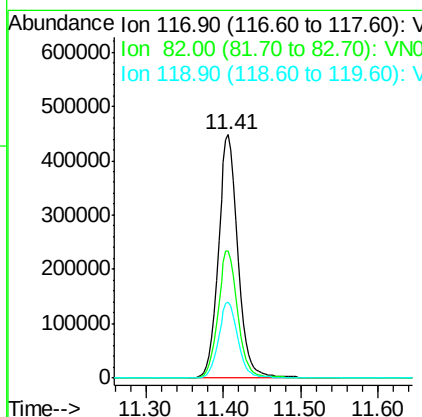
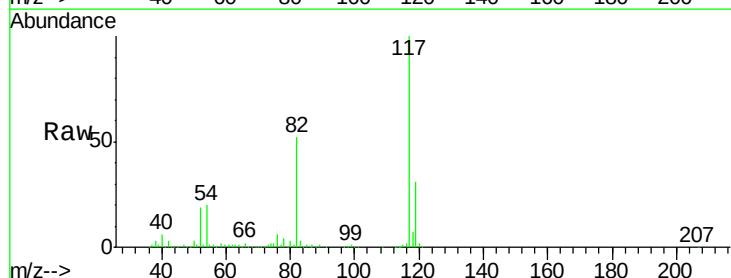
Instrument :
MSVOA_N
ClientSampleId :
T4-S-D1-(2.5)

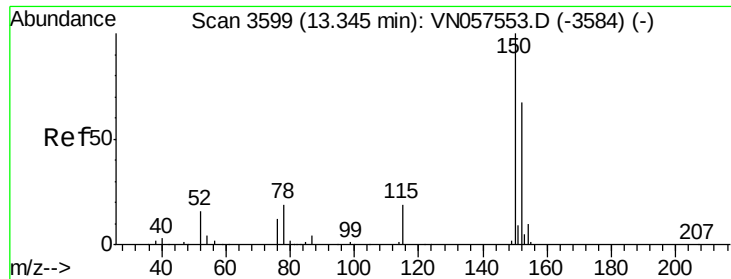
Tot Ion	95	Resp	305639
Ion Ratio	100		
Lower			
Upper			
95	100		
174	83.7	0.0	133.0
176	79.6	0.0	130.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057601.D
Acq: 30 Aug 2019 20:54

Tgt Ion	117	Resp	795137
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
117	100		
82	52.3	50.6	75.8
119	31.3	24.6	36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057601.D

Acq: 30 Aug 2019 20:54

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D1-(2.5)

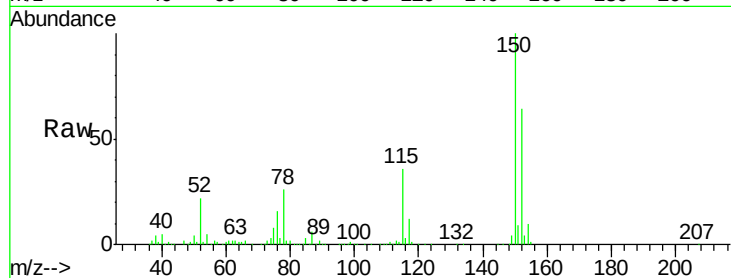
Tot Ion:152 Resp: 222097

Ion Ratio Lower Upper

152 100

115 57.4 32.0 96.0

150 155.5 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

