

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057525.D
 Acq On : 26 Aug 2019 21:38
 Operator : JC/SP
 Sample : K4493-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-I-(1.9)

Quant Time: Aug 27 08:01:17 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

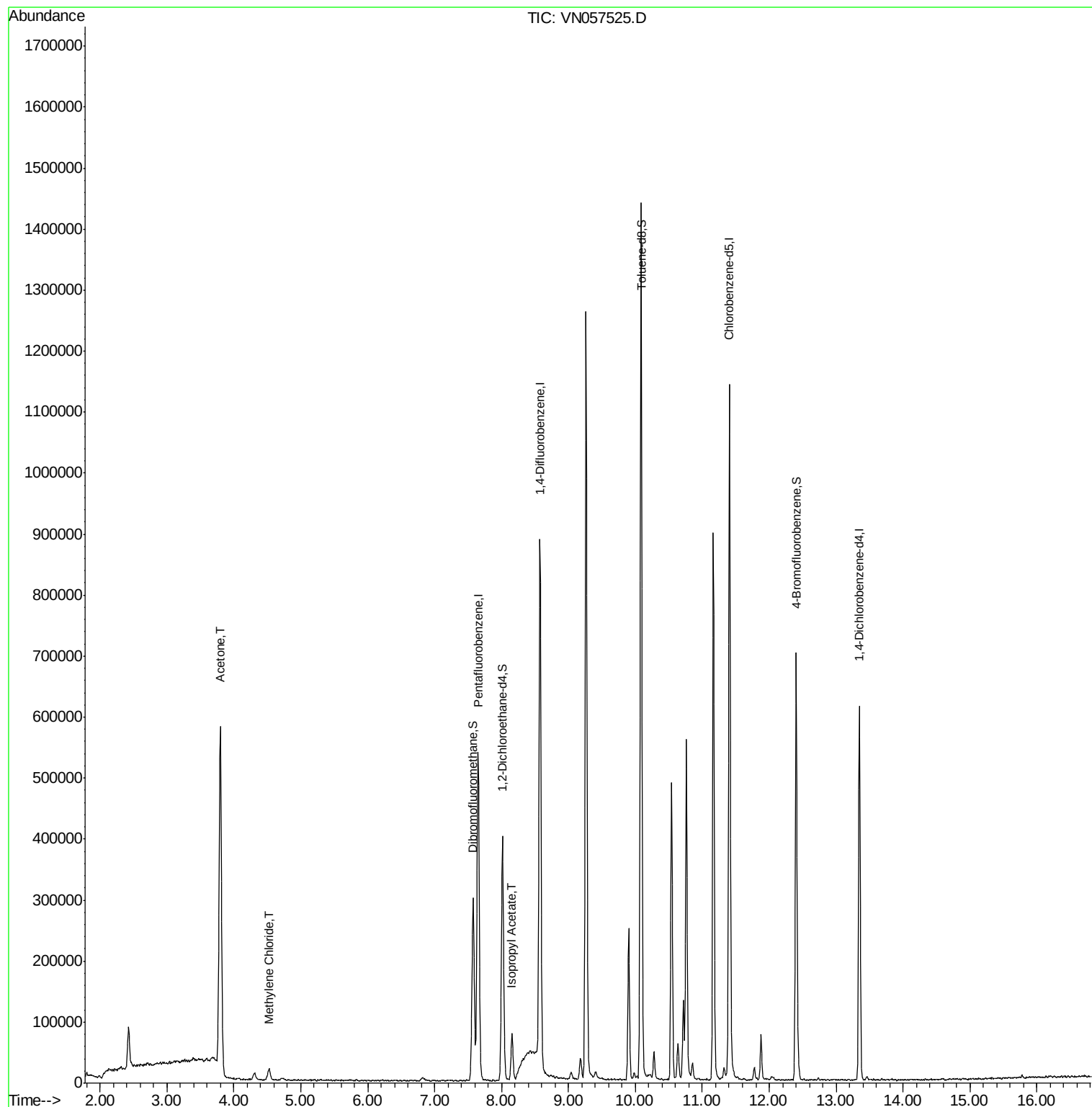
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	392776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	695107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	610934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	143907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	330860	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
35) Dibromofluoromethane	7.57	113	217662	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
50) Toluene-d8	10.08	98	940126	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
62) 4-Bromofluorobenzene	12.40	95	249961	41.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.10%	
Target Compounds						
16) Acetone	3.80	43	944041	297.516	ug/l	100
20) Methylene Chloride	4.52	84	11599	2.394	ug/l	97
43) Isopropyl Acetate	8.16	43	93337	7.253	ug/l	99

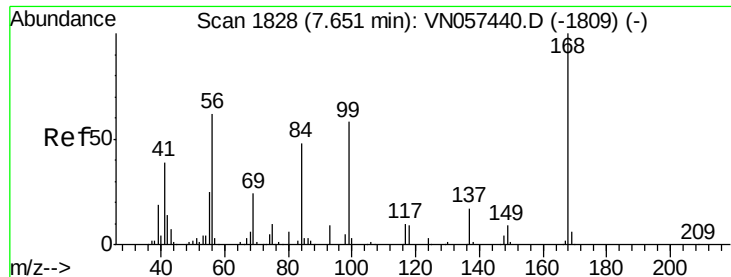
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057525.D

Acq: 26 Aug 2019 21:38

Instrument :

MSVOA_N

ClientSampled :

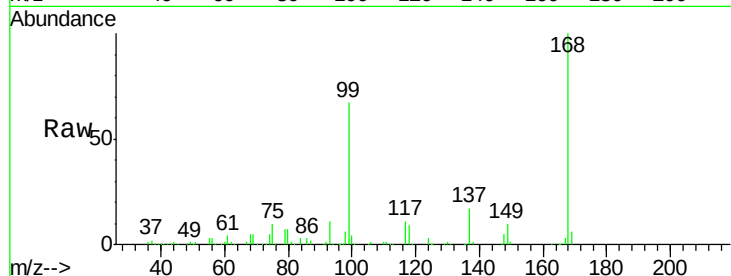
T9-12-13-I-(1.9)

Tot Ion:168 Resp: 392776

Ion Ratio Lower Upper

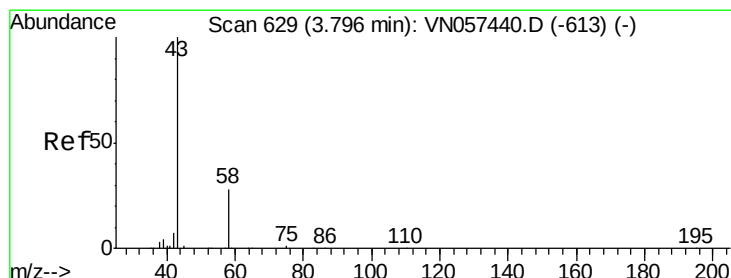
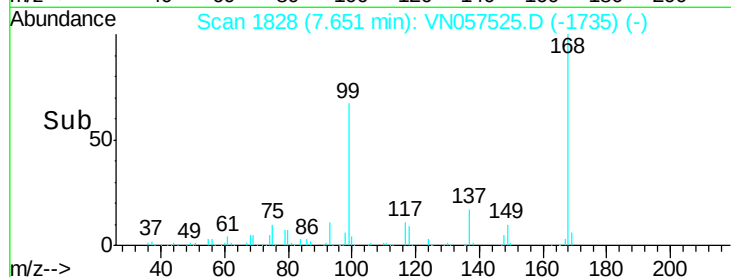
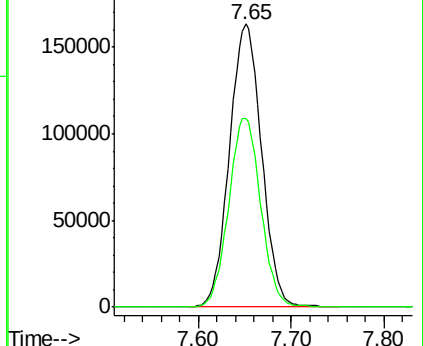
168 100

99 66.9 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 297.516 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN057525.D

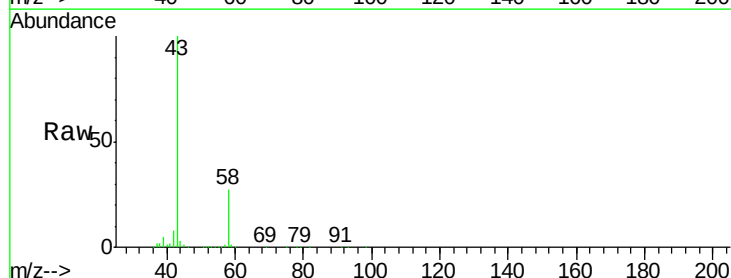
Acq: 26 Aug 2019 21:38

Tgt Ion: 43 Resp: 944041

Ion Ratio Lower Upper

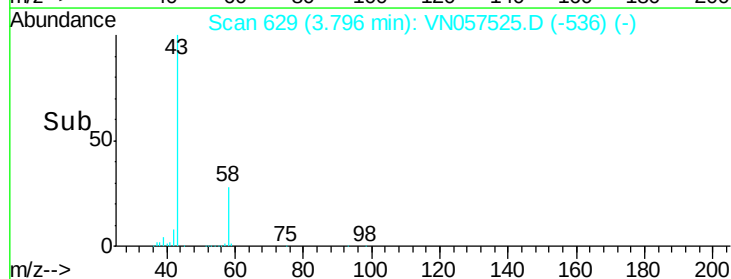
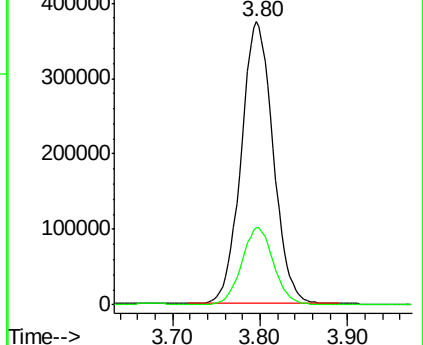
43 100

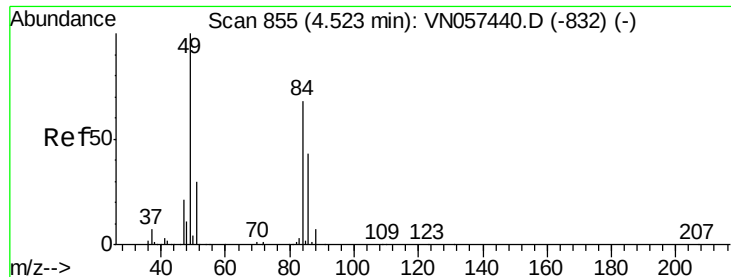
58 27.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

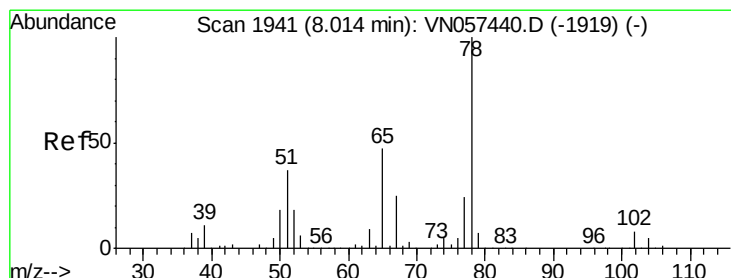
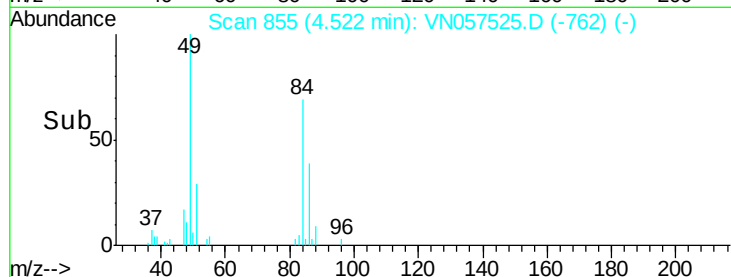
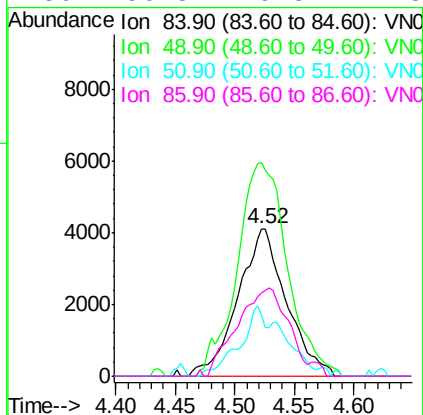
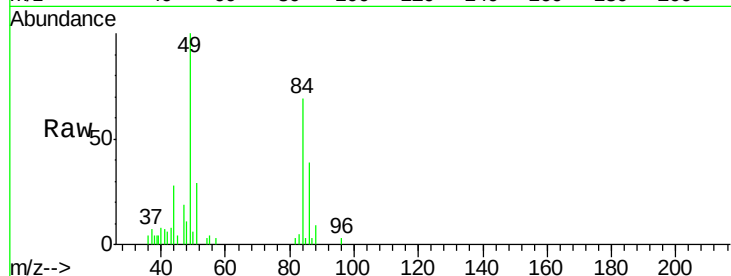




#20
Methylene Chloride
Concen: 2.394 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN057525.D
Acq: 26 Aug 2019 21:38

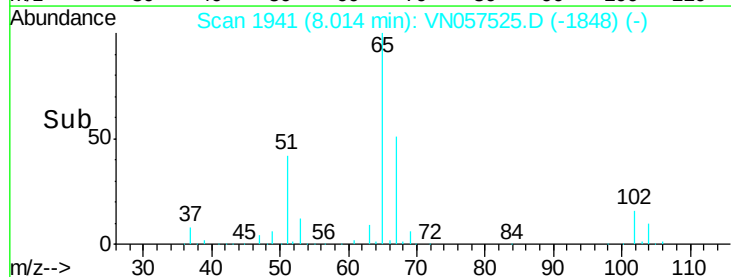
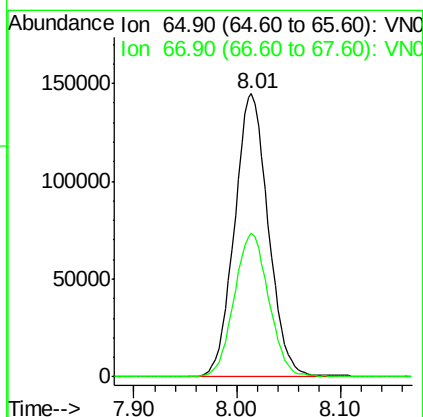
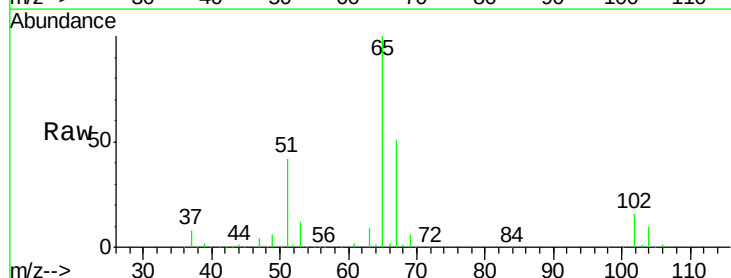
Instrument :
MSVOA_N
ClientSampled :
T9-12-13-I-(1.9)

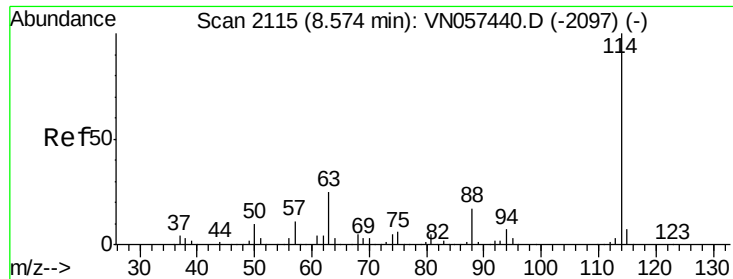
Tot Ion: 84 Resp: 11599
Ion Ratio Lower Upper
84 100
49 144.6 117.0 175.4
51 41.4 35.5 53.3
86 56.8 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 47.885 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057525.D
Acq: 26 Aug 2019 21:38

Tgt Ion: 65 Resp: 330860
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8

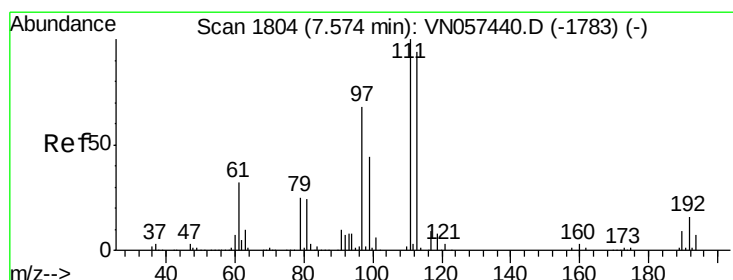
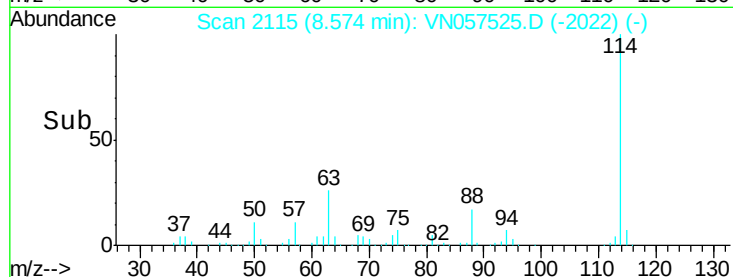
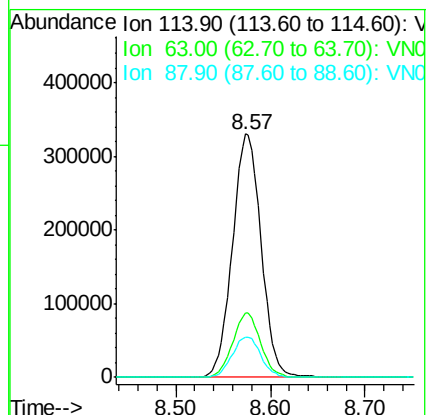
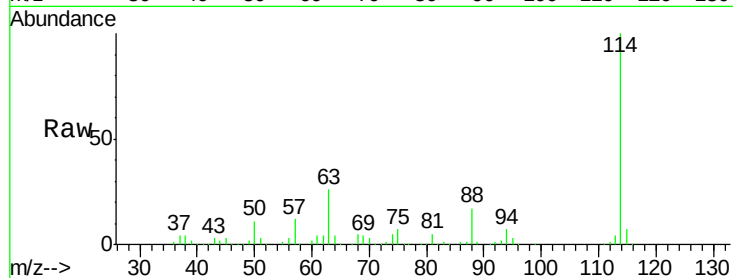




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057525.D
 Acq: 26 Aug 2019 21:38

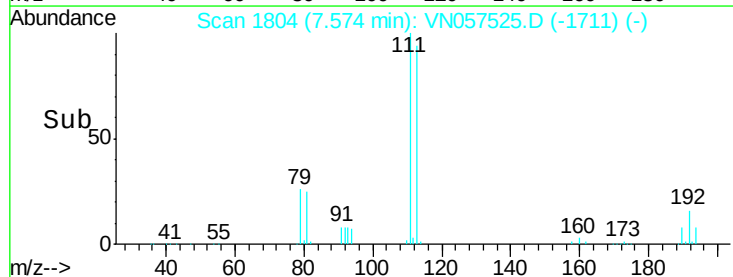
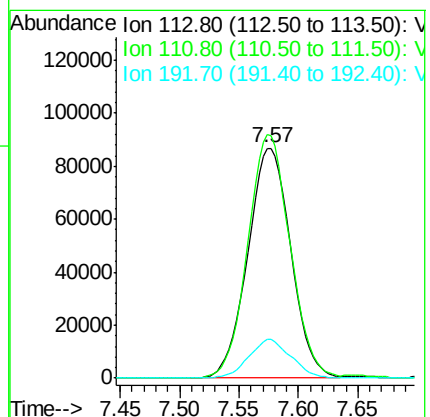
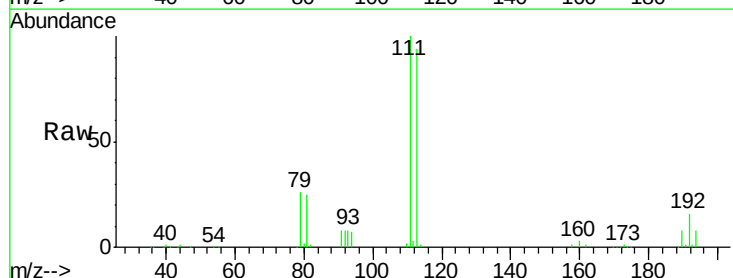
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-I-(1.9)

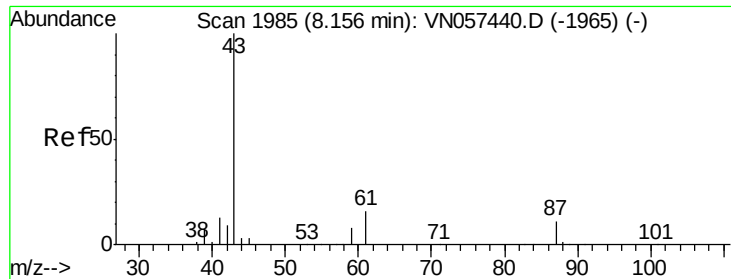
Tot Ion:114 Resp: 695107
 Ion Ratio Lower Upper
 114 100
 63 26.4 0.0 50.2
 88 16.7 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 46.359 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057525.D
 Acq: 26 Aug 2019 21:38

Tgt Ion:113 Resp: 217662
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.8 125.6
 192 16.5 13.5 20.3





#43

Isopropyl Acetate

Concen: 7.253 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-I-(1.9)

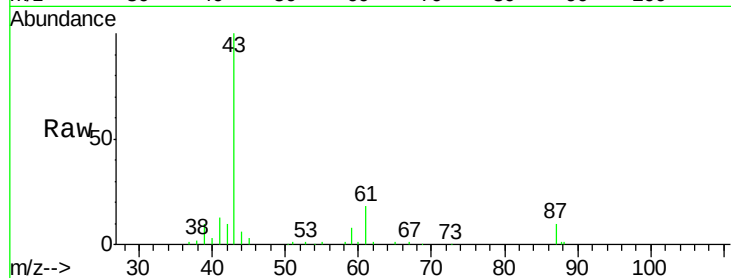
Tot Ion: 43 Resp: 93337

Ion Ratio Lower Upper

43 100

61 17.6 14.5 21.7

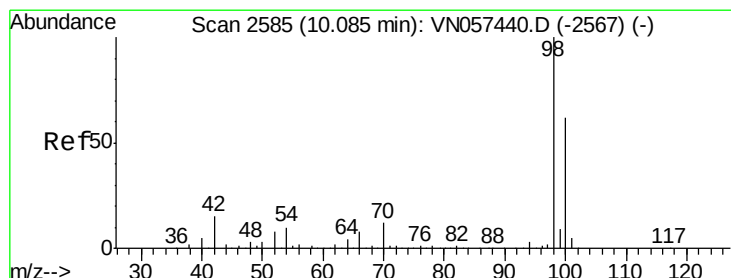
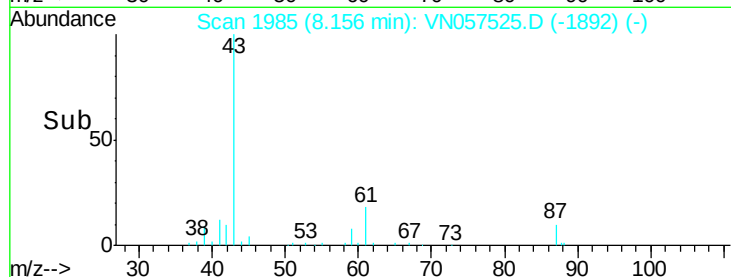
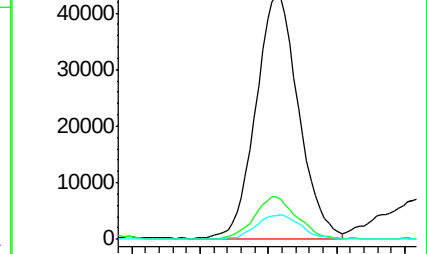
87 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN057440.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN057440.D (-1965) (-)



#50

Toluene-d8

Concen: 52.955 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057525.D

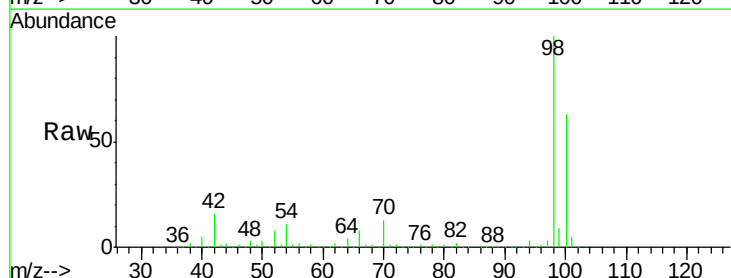
Acq: 26 Aug 2019 21:38

Tgt Ion: 98 Resp: 940126

Ion Ratio Lower Upper

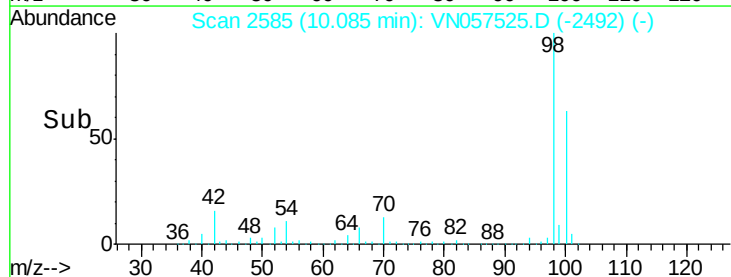
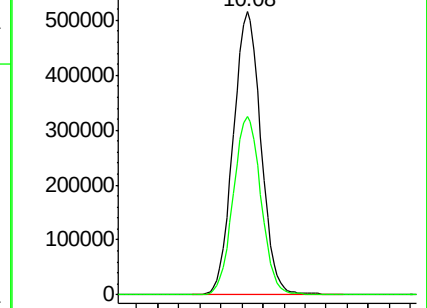
98 100

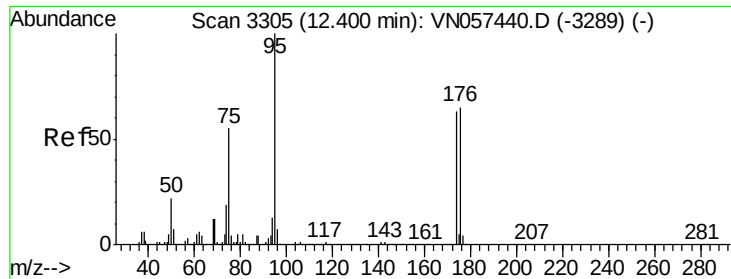
100 63.1 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057440.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN057440.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 41.547 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-I-(1.9)

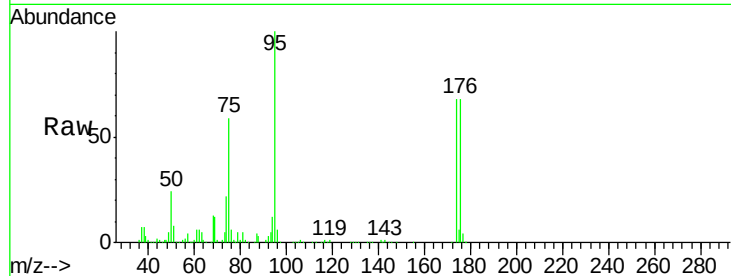
Tot Ion: 95 Resp: 249961

Ion Ratio Lower Upper

95 100

174 68.1 0.0 133.0

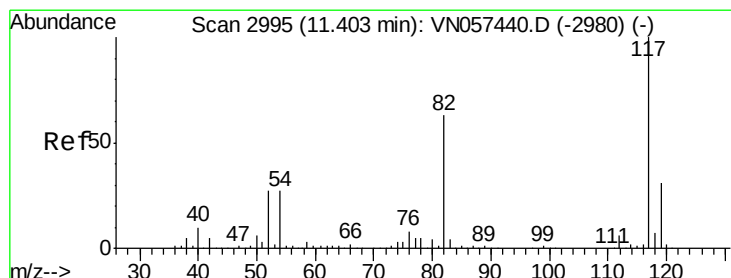
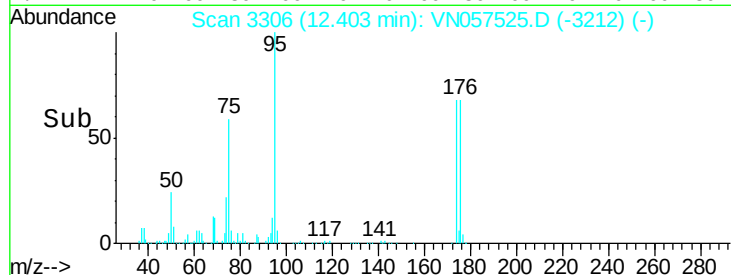
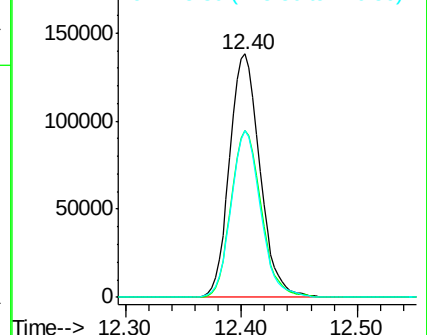
176 66.6 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057525.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057525.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057525.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

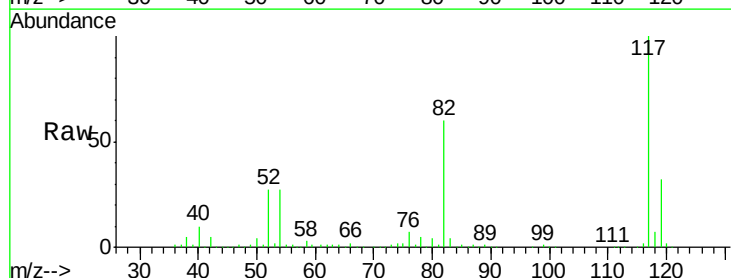
Tgt Ion: 117 Resp: 610934

Ion Ratio Lower Upper

117 100

82 59.8 50.6 75.8

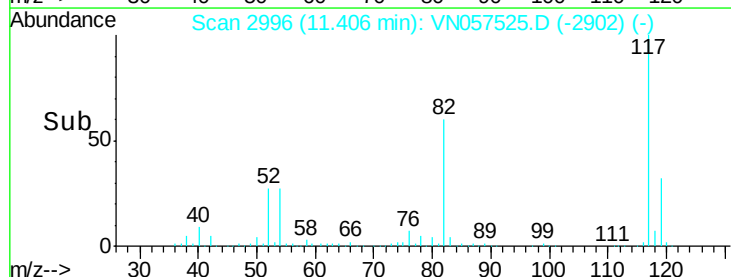
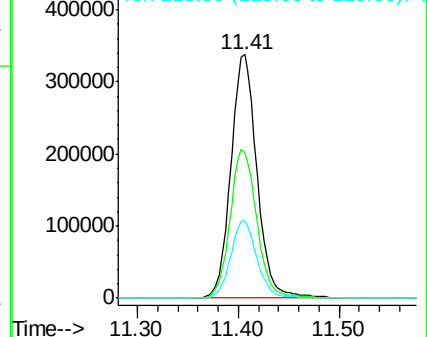
119 31.7 24.6 36.8

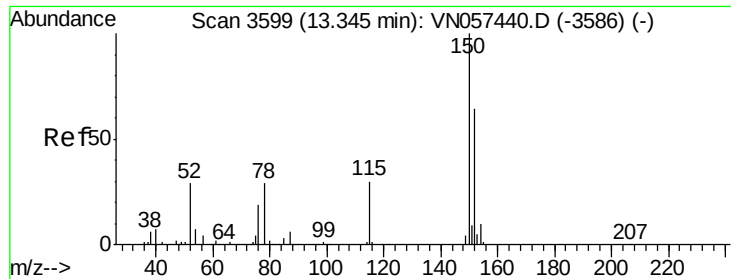


Abundance Ion 116.90 (116.60 to 117.60): VN057525.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057525.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057525.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057525.D

Acq: 26 Aug 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-I-(1.9)

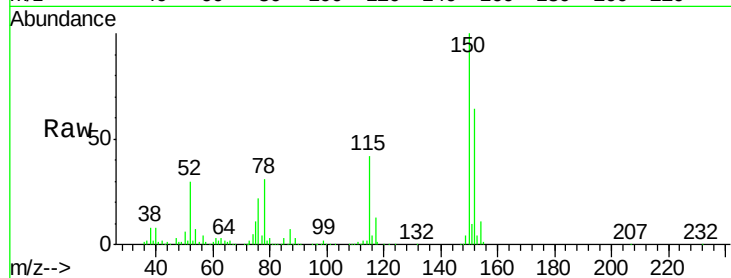
Tot Ion:152 Resp: 143907

Ion Ratio Lower Upper

152 100

115 67.1 32.0 96.0

150 161.5 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

