

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057538.D
 Acq On : 27 Aug 2019 3:09
 Operator : JC/SP
 Sample : K4493-43
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G4-(0)

Quant Time: Aug 27 09:21:25 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

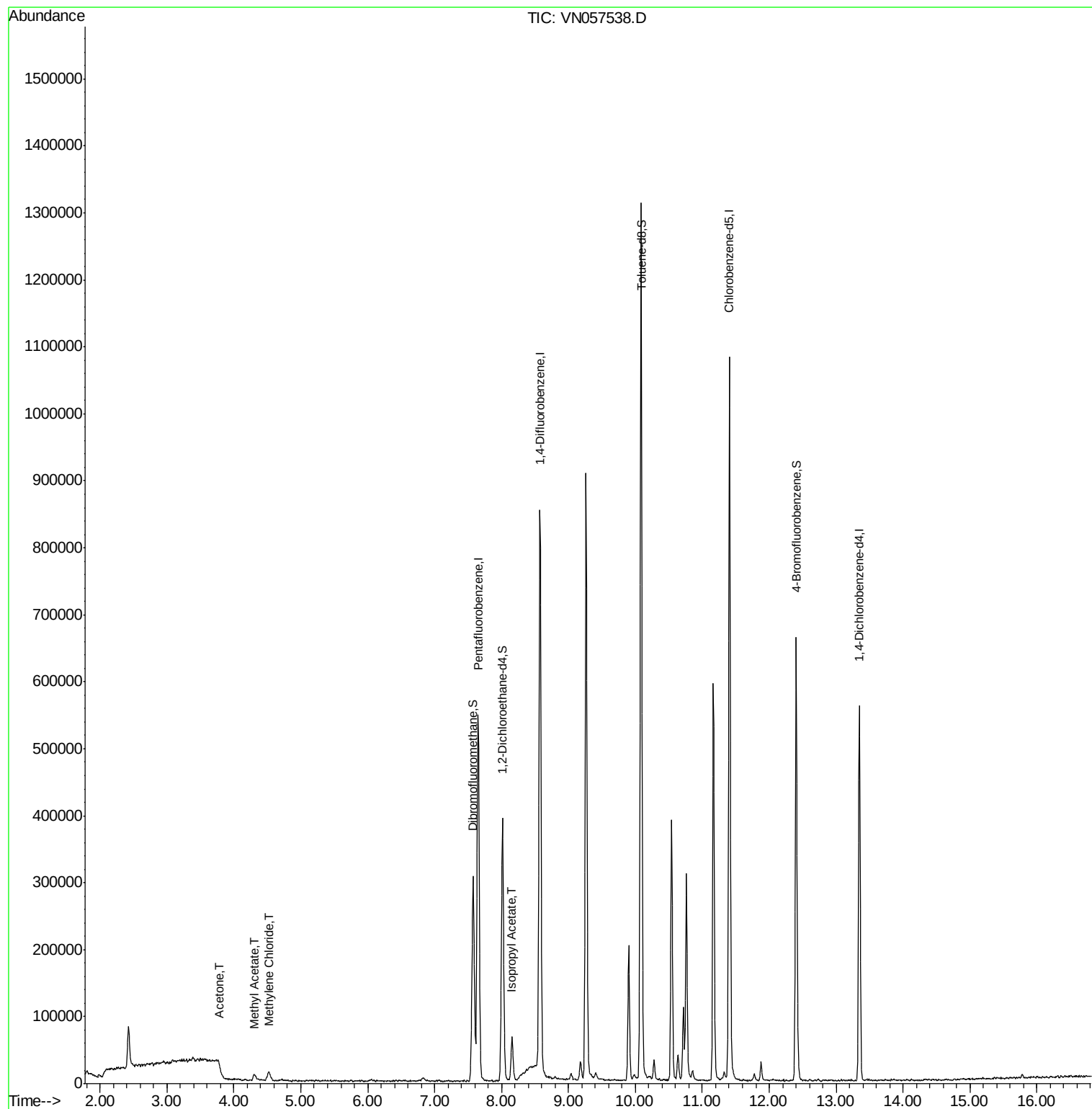
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	393766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	683866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	564168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	134958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	333131	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
35) Dibromofluoromethane	7.57	113	218043	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	10.08	98	871028	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	230214	38.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.78%	
Target Compounds						
16) Acetone	3.79	43	16411	5.159	ug/l	94
18) Methyl Acetate	4.31	43	18031	1.705	ug/l #	90
20) Methylene Chloride	4.53	84	8616	1.755	ug/l	92
43) Isopropyl Acetate	8.16	43	77906	6.153	ug/l	99

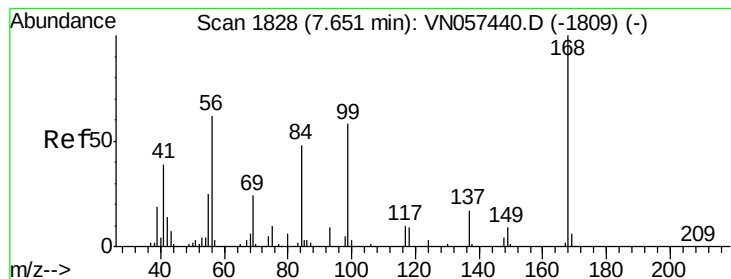
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057538.D

Acq: 27 Aug 2019 3:09

Instrument :

MSVOA_N

ClientSampleId :

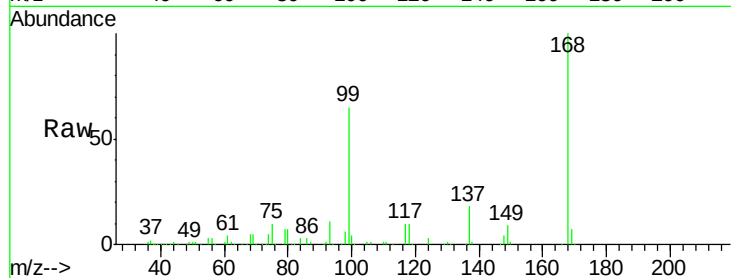
T9-12-13-G4-(0)

Tot Ion:168 Resp: 393766

Ion Ratio Lower Upper

168 100

99 65.1 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

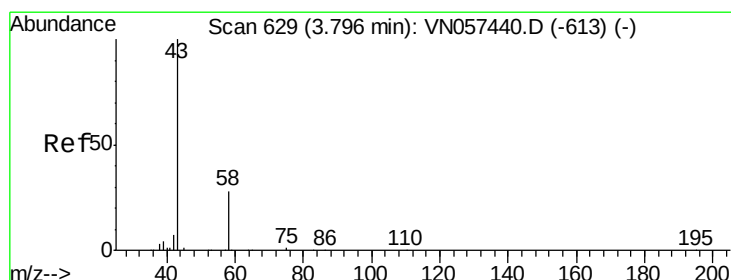
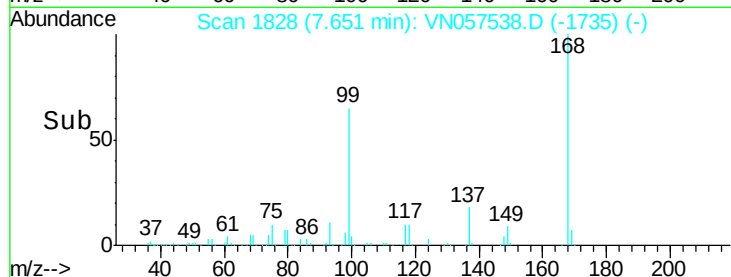
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.159 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.01 min

Lab File: VN057538.D

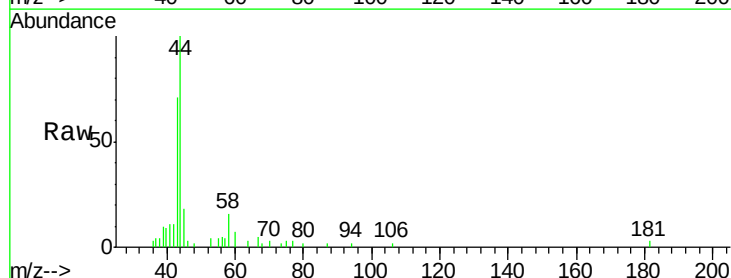
Acq: 27 Aug 2019 3:09

Tgt Ion: 43 Resp: 16411

Ion Ratio Lower Upper

43 100

58 24.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

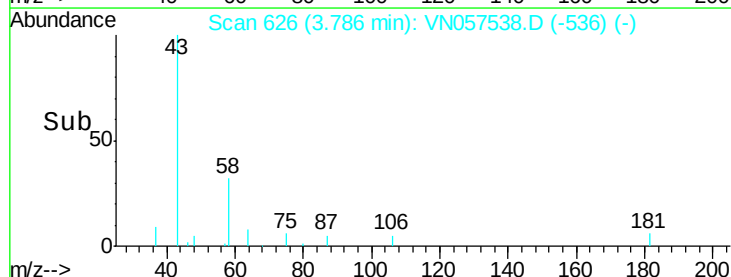
6000

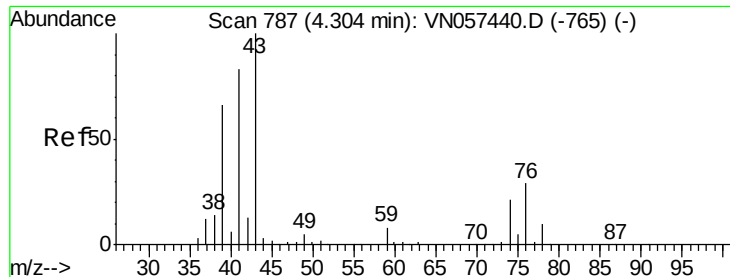
4000

2000

0

Time-->





#18

Methyl Acetate

Concen: 1.705 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

Instrument :

MSVOA_N

ClientSampleId :

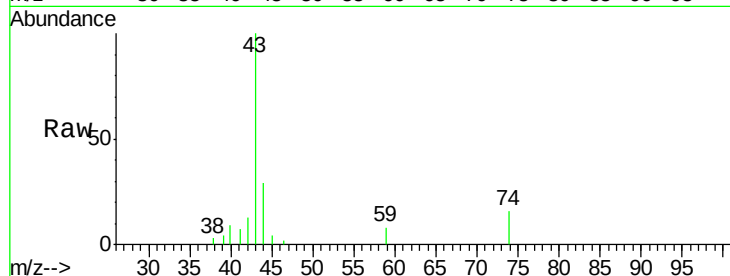
T9-12-13-G4-(0)

Tot Ion: 43 Resp: 18031

Ion Ratio Lower Upper

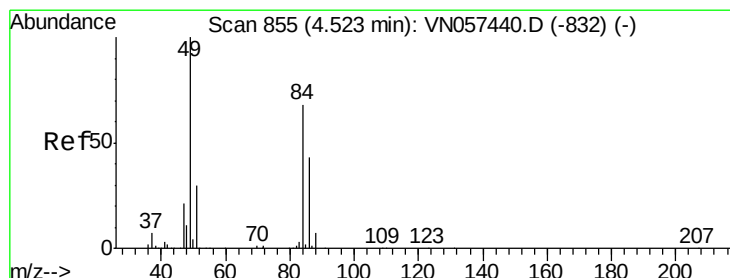
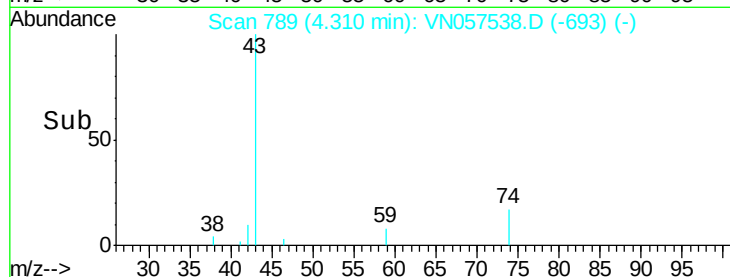
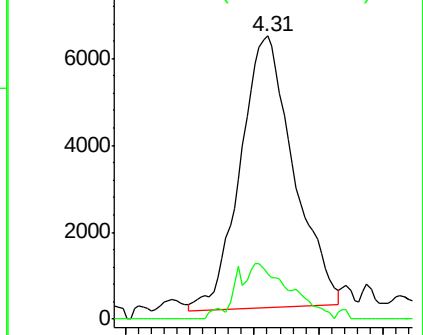
43 100

74 15.2 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC



#20

Methylene Chloride

Concen: 1.755 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

Tgt Ion: 84 Resp: 8616

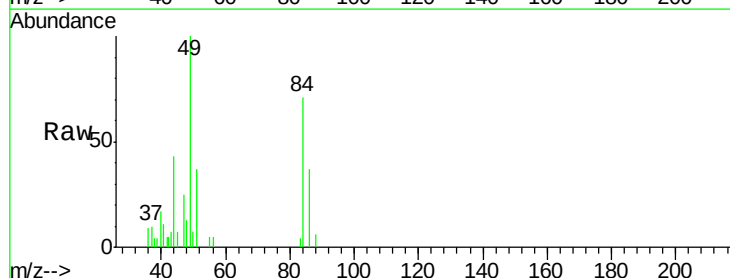
Ion Ratio Lower Upper

84 100

49 140.6 117.0 175.4

51 51.9 35.5 53.3

86 51.4 49.8 74.8

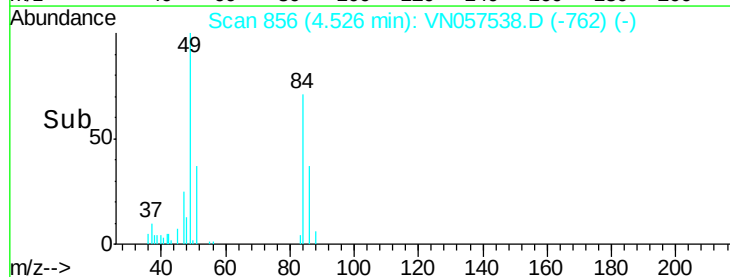
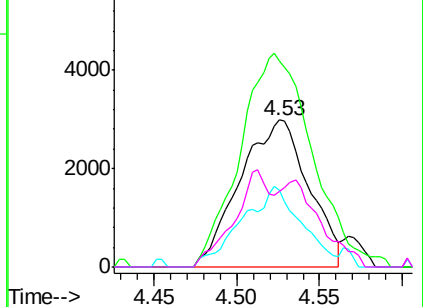


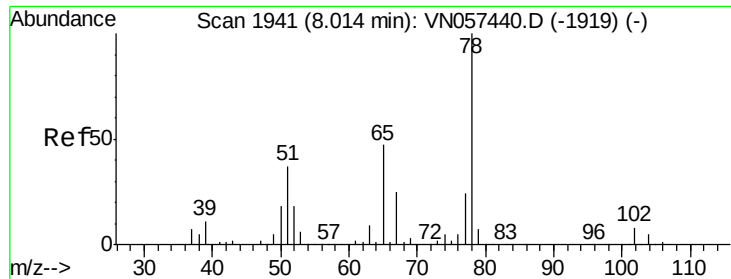
Abundance Ion 83.90 (83.60 to 84.60): VNC

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

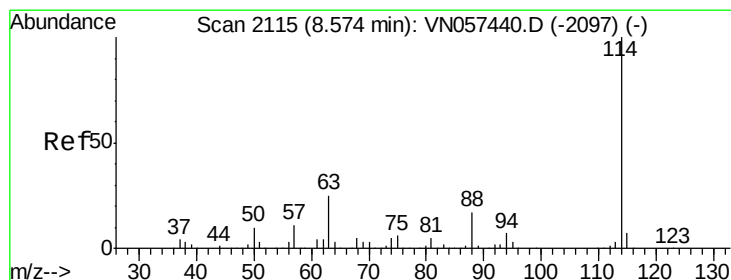
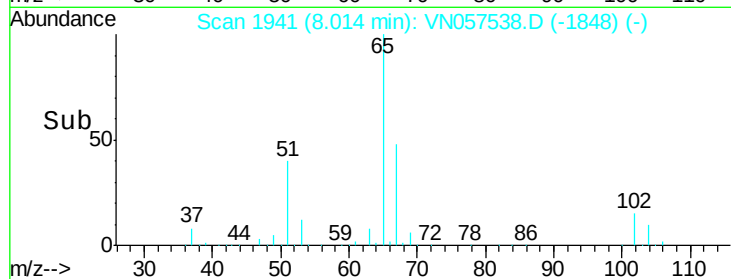
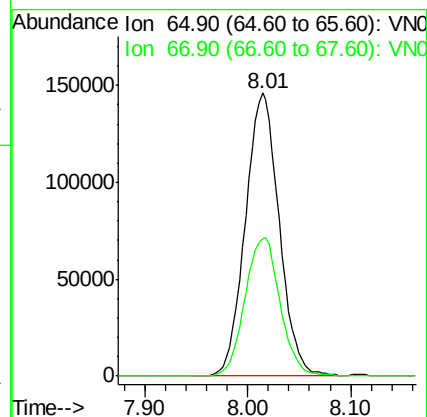
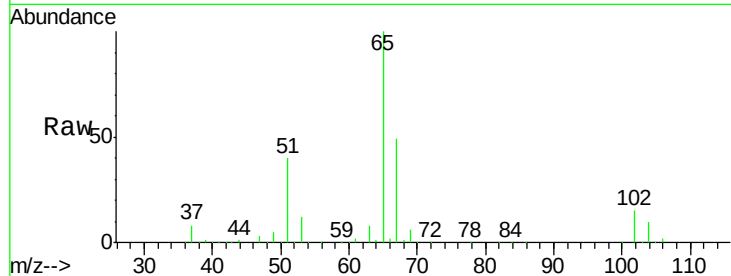




#33
 1,2-Dichloroethane-d4
 Concen: 48.093 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

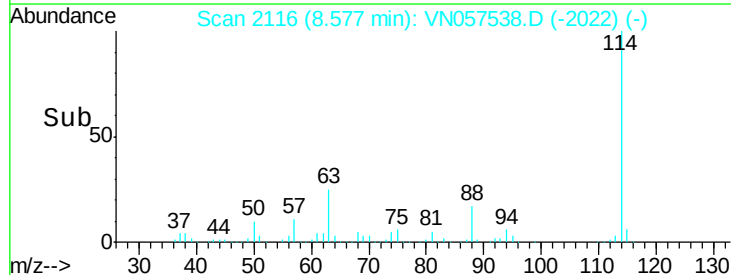
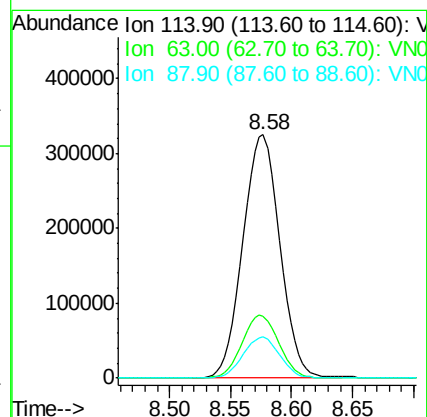
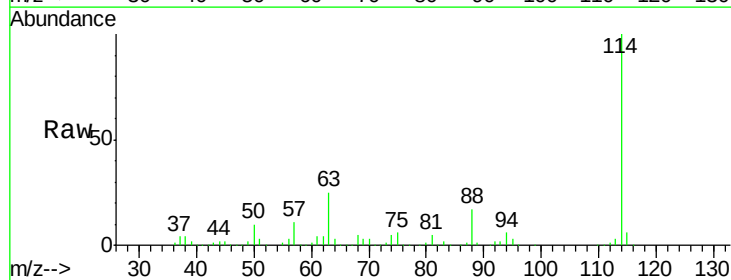
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G4-(0)

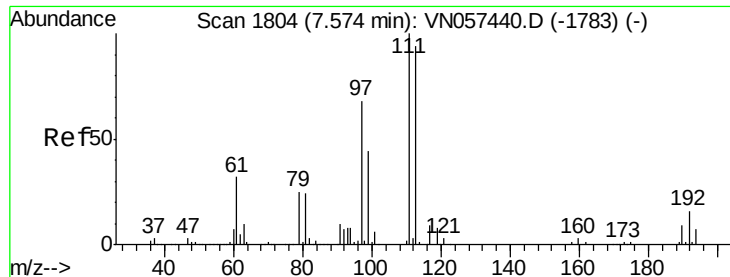
Tot Ion: 65 Resp: 333131
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

Tgt Ion: 114 Resp: 683866
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 50.2
 88 17.1 0.0 34.6

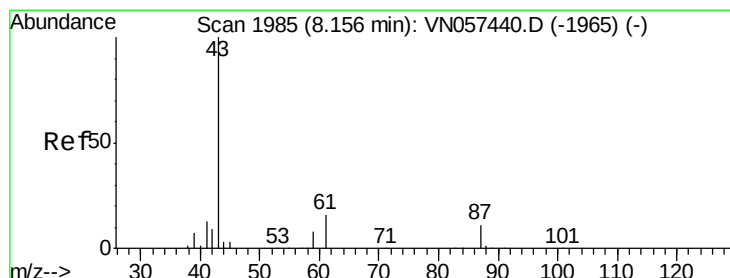
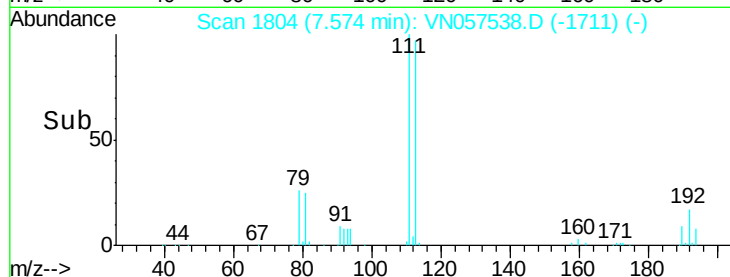
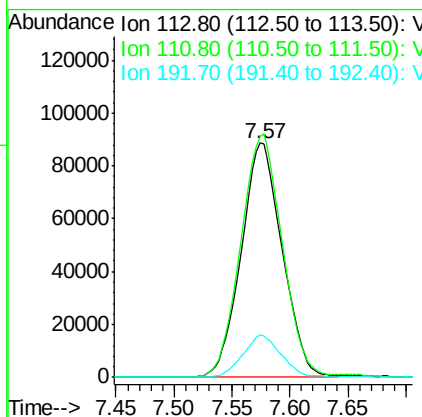
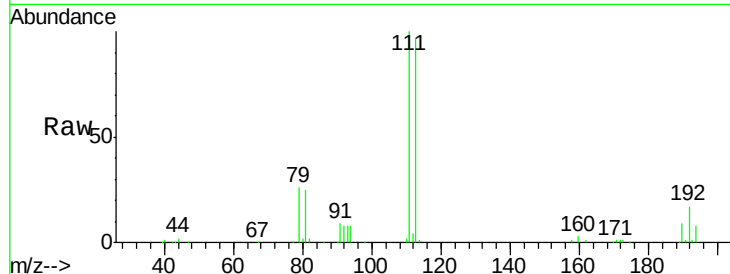




#35
 Dibromofluoromethane
 Concen: 47.203 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

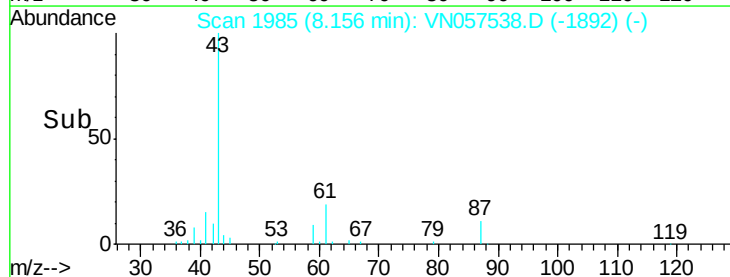
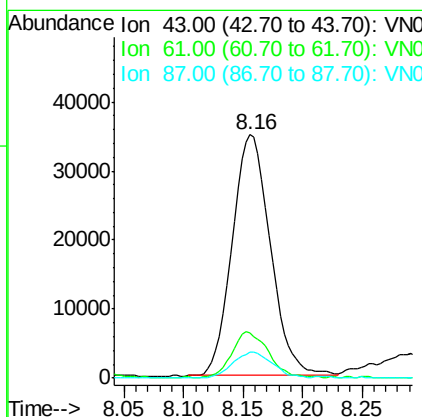
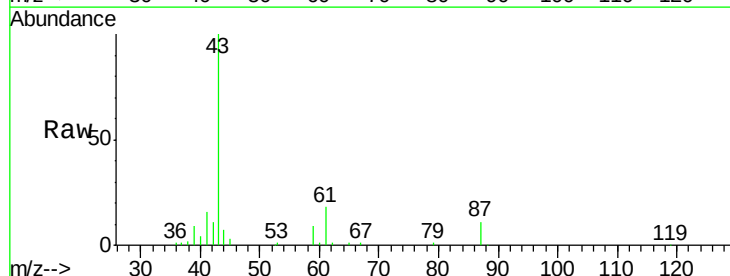
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G4-(0)

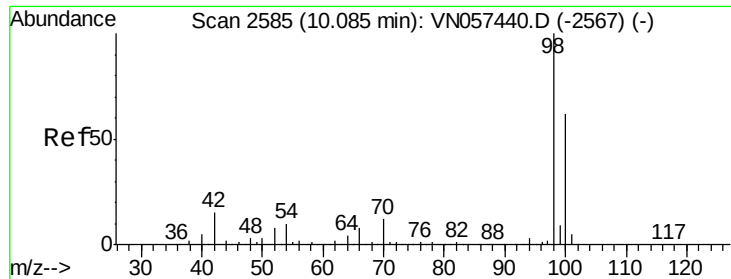
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.4	83.8	125.6
192	16.9	13.5	20.3



#43
 Isopropyl Acetate
 Concen: 6.153 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.5	21.7
87	11.0	8.6	12.8





#50

Toluene-d8

Concen: 49.869 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

Instrument :

MSVOA_N

ClientSampleId :

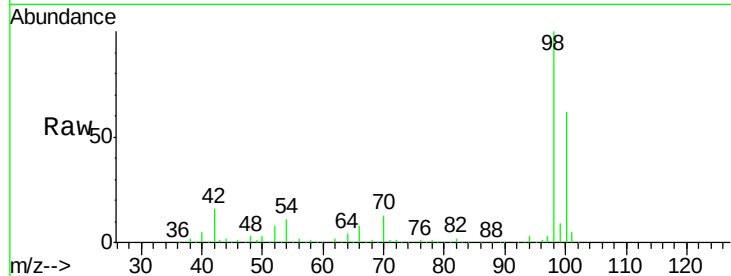
T9-12-13-G4-(0)

Tot Ion: 98 Resp: 871028

Ion Ratio Lower Upper

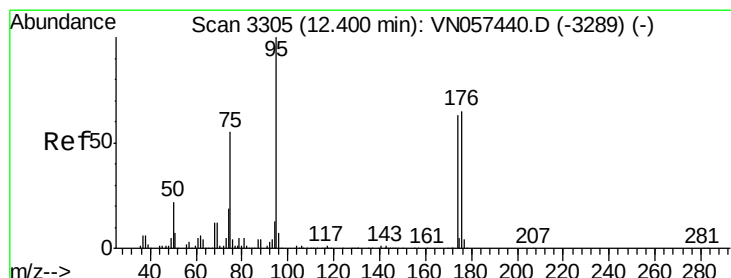
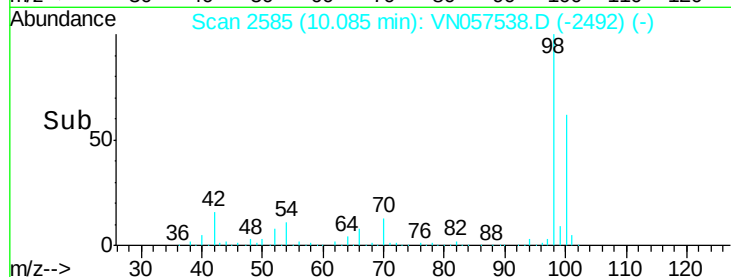
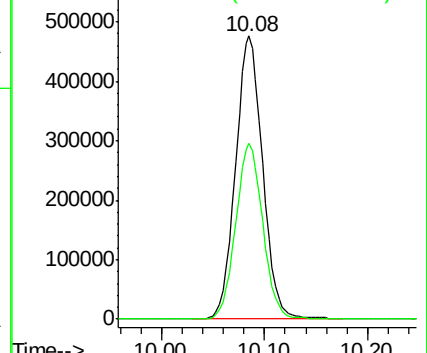
98 100

100 62.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 38.894 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

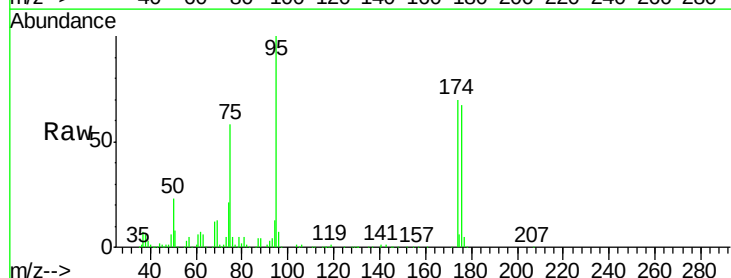
Tgt Ion: 95 Resp: 230214

Ion Ratio Lower Upper

95 100

174 67.9 0.0 133.0

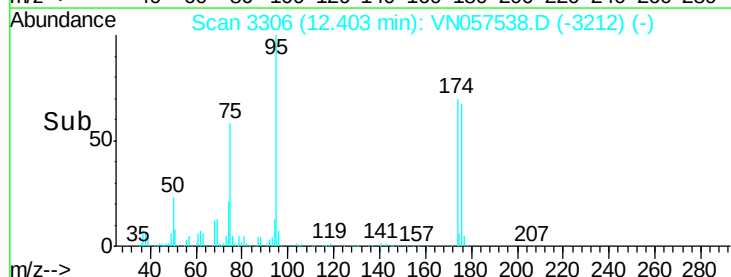
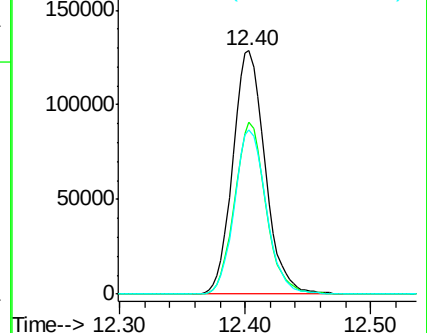
176 66.3 0.0 130.8

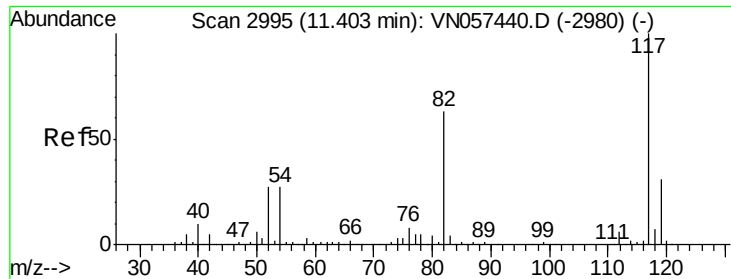


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

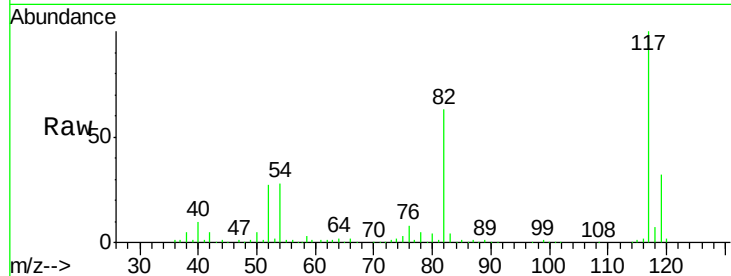




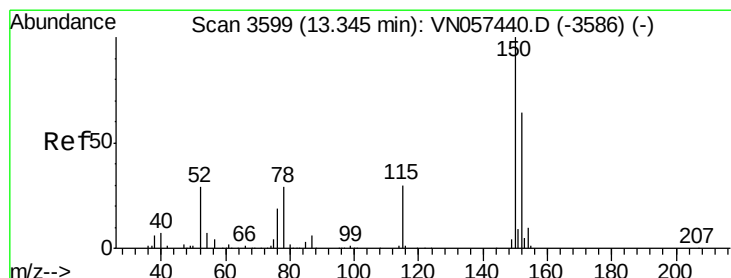
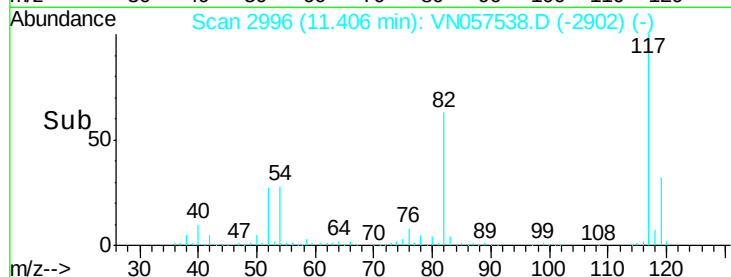
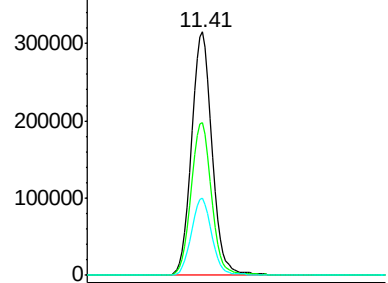
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G4-(0)

Tot Ion:117 Resp: 564168
 Ion Ratio Lower Upper
 117 100
 82 62.9 50.6 75.8
 119 31.6 24.6 36.8

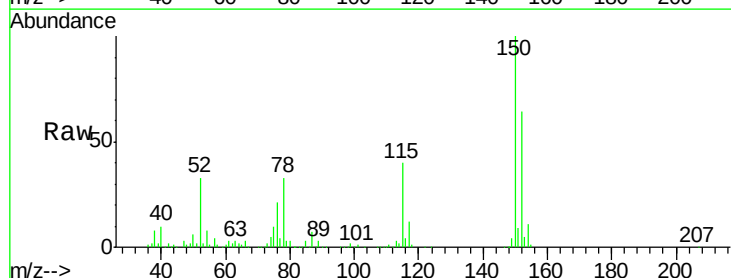


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. -0.00 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

Tgt Ion:152 Resp: 134958
 Ion Ratio Lower Upper
 152 100
 115 63.7 32.0 96.0
 150 159.3 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

