

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057524.D
 Acq On : 26 Aug 2019 21:13
 Operator : JC/SP
 Sample : K4493-27
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Aug 27 07:58:23 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

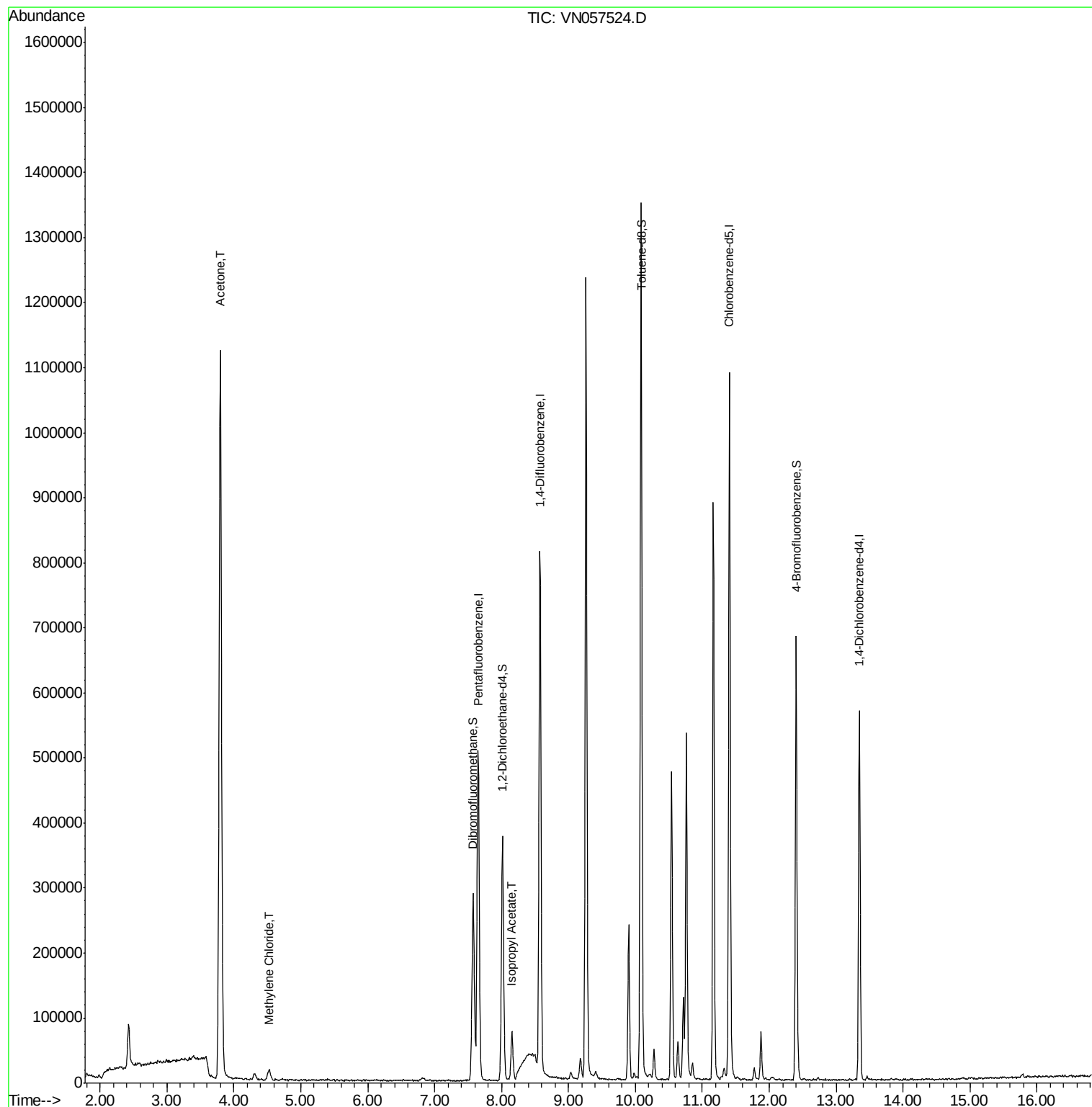
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	372122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	655568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	571107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	137665	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	314081	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	7.58	113	208035	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
50) Toluene-d8	10.09	98	885801	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.40	95	239911	42.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.56%	
Target Compounds						
16) Acetone	3.80	43	1866096	620.745	ug/l	99
20) Methylene Chloride	4.53	84	10421	2.267	ug/l	92
43) Isopropyl Acetate	8.15	43	89242	7.353	ug/l	99

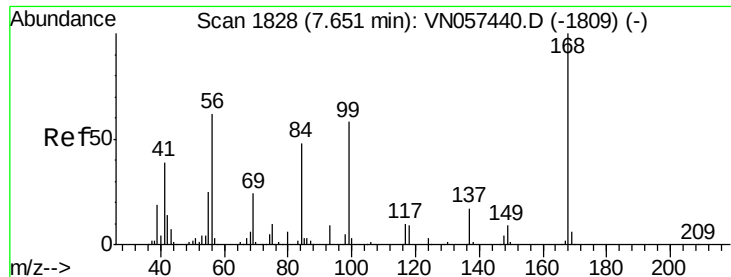
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 23 05:07:29 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: VN057524.D

Acq: 26 Aug 2019 21:13

Instrument :

MSVOA_N

ClientSampled :

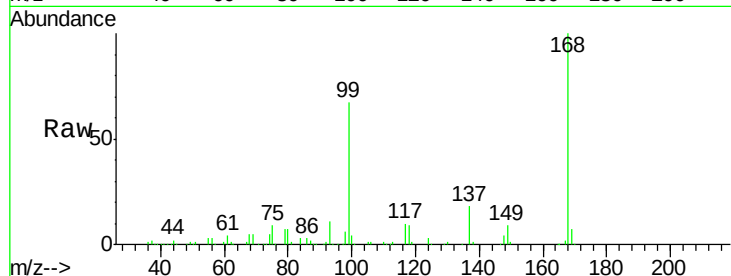
T9-12-13-I(0)

Tot Ion:168 Resp: 372122

Ion Ratio Lower Upper

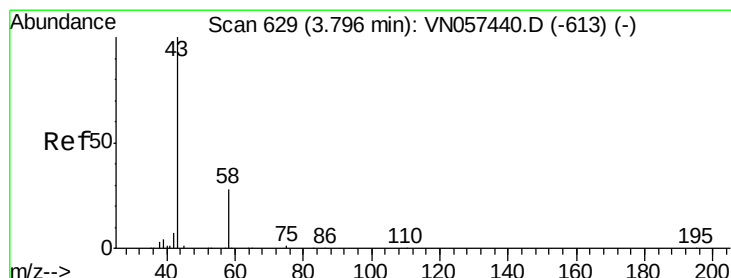
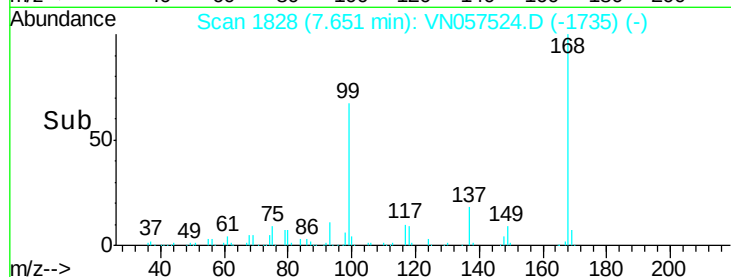
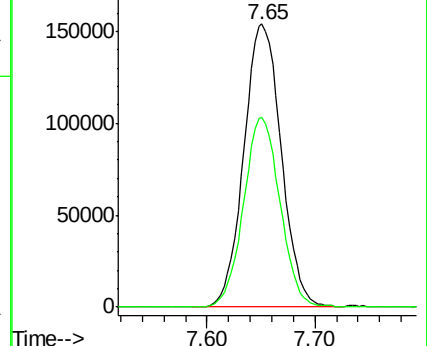
168 100

99 67.2 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: 620.745 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN057524.D

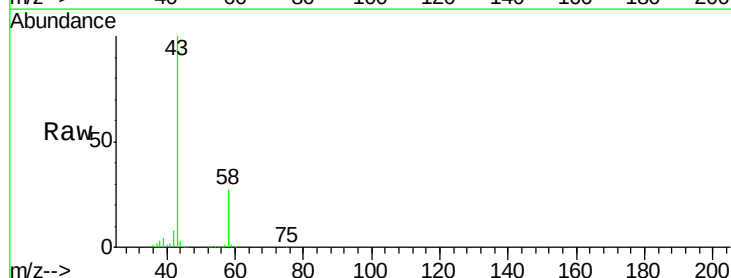
Acq: 26 Aug 2019 21:13

Tgt Ion: 43 Resp: 1866096

Ion Ratio Lower Upper

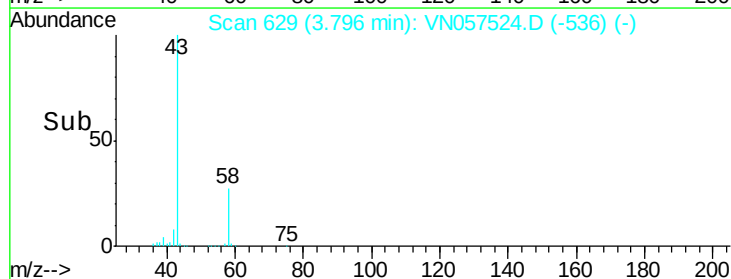
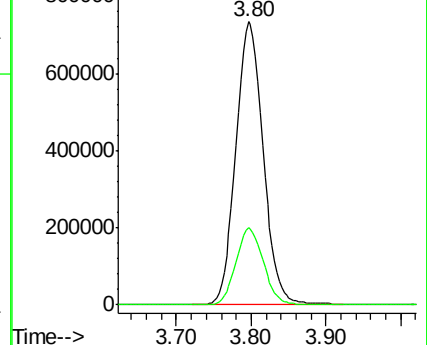
43 100

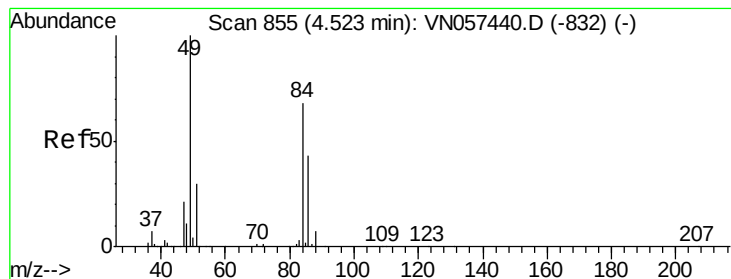
58 27.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 2.267 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

Instrument :
MSVOA_N
ClientSampled :
T9-12-13-I(0)

Tot Ion: 84 Resp: 10421

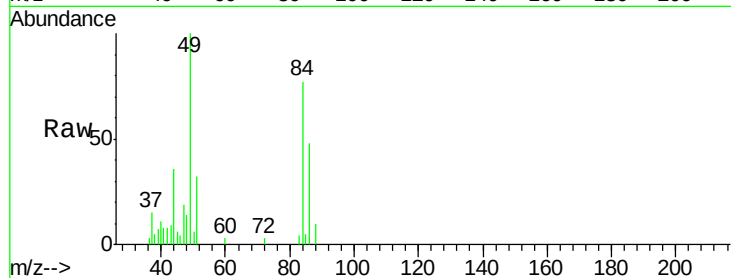
Ion	Ratio	Lower	Upper
84	100		
49	130.4	117.0	175.4
51	42.1	35.5	53.3
86	63.0	49.8	74.8

84 100

49 130.4 117.0 175.4

51 42.1 35.5 53.3

86 63.0 49.8 74.8



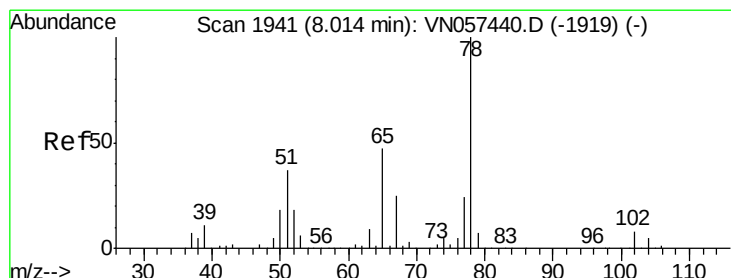
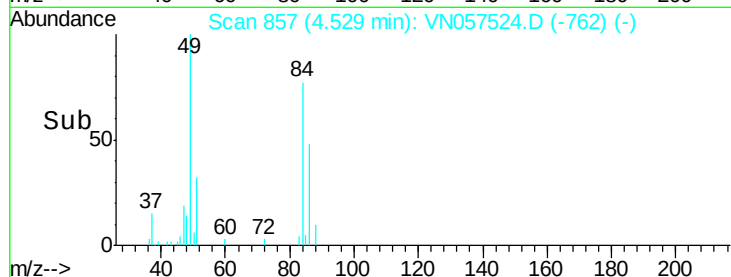
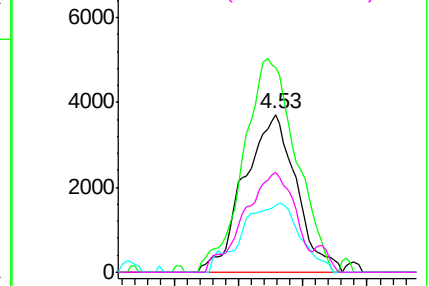
Abundance

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: 47.980 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057524.D

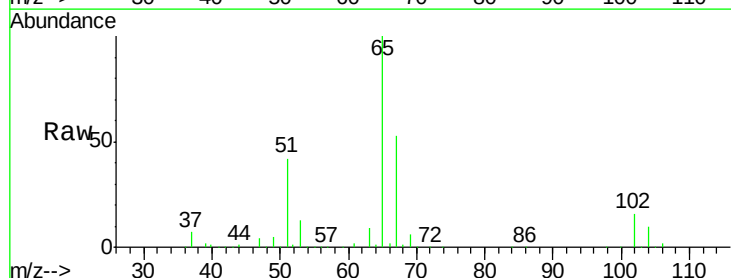
Acq: 26 Aug 2019 21:13

Tgt Ion: 65 Resp: 314081

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.8

65 100

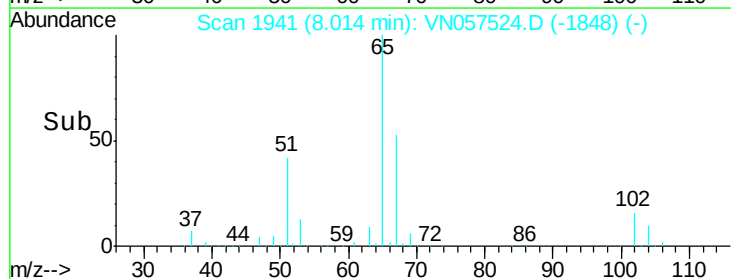
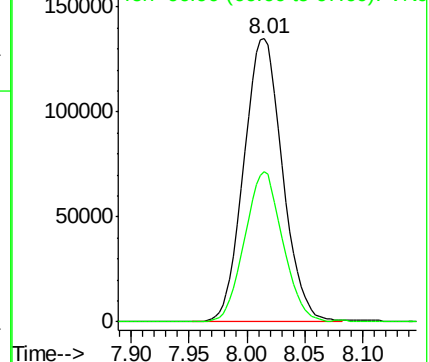
67 52.1 0.0 103.8

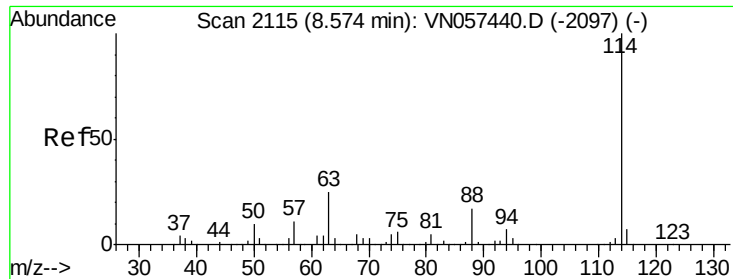


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

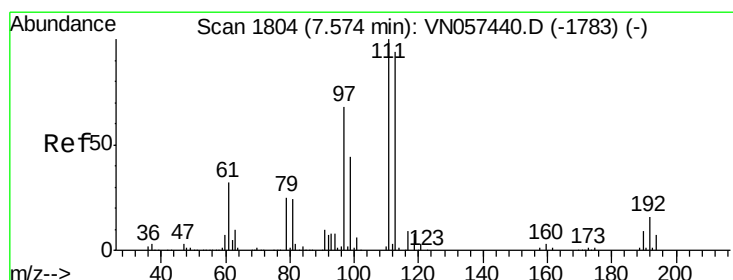
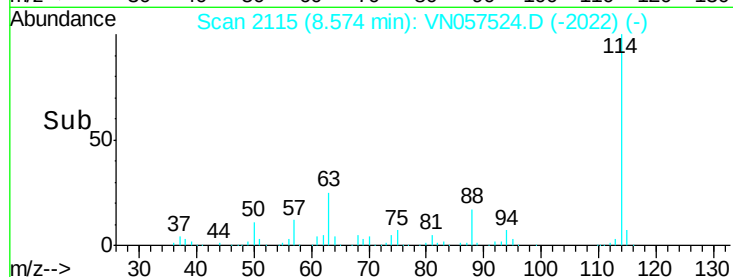
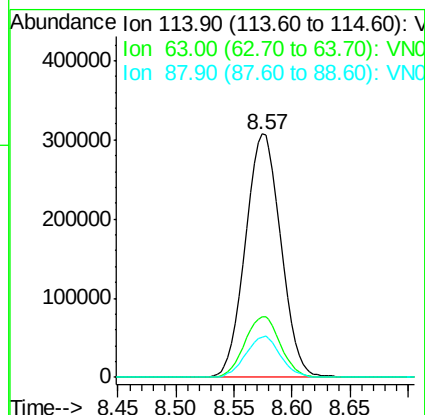
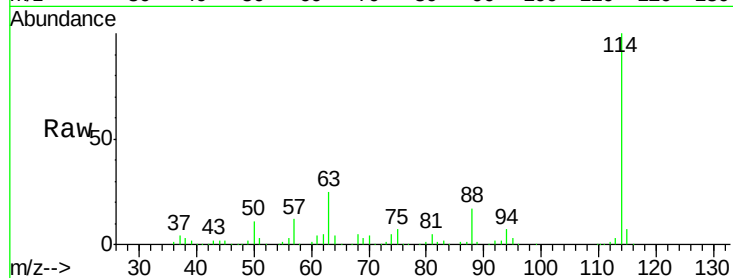




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057524.D
 Acq: 26 Aug 2019 21:13

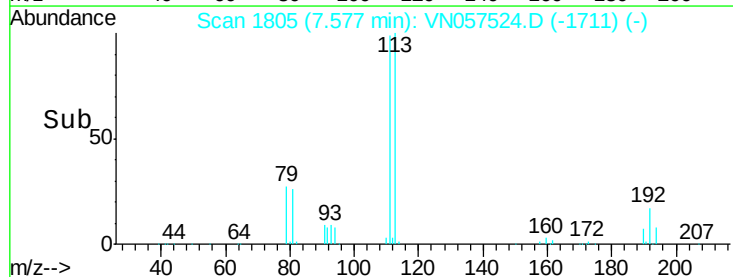
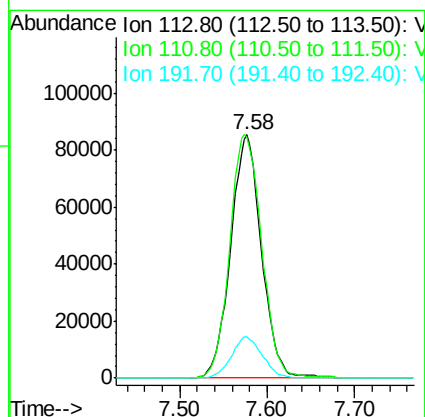
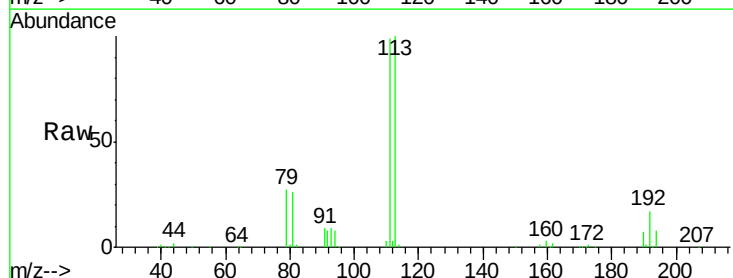
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-I(0)

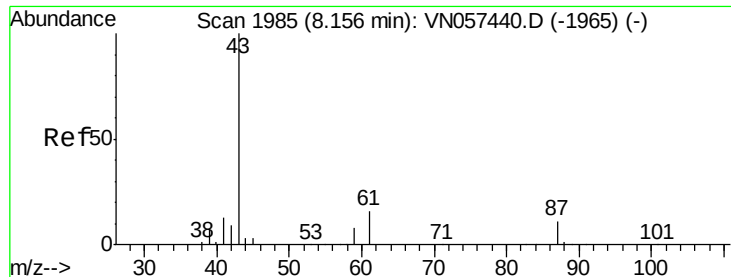
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	50.2
88	16.7	0.0	34.6



#35
 Dibromofluoromethane
 Concen: 46.981 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057524.D
 Acq: 26 Aug 2019 21:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.8	125.6
192	16.9	13.5	20.3





#43

Isopropyl Acetate

Concen: 7.353 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-I-(0)

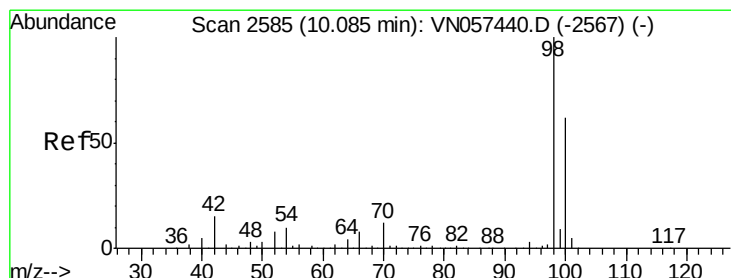
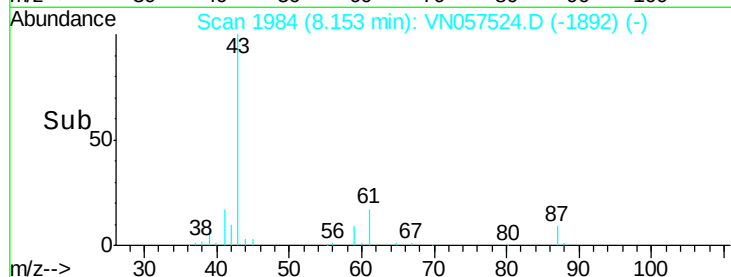
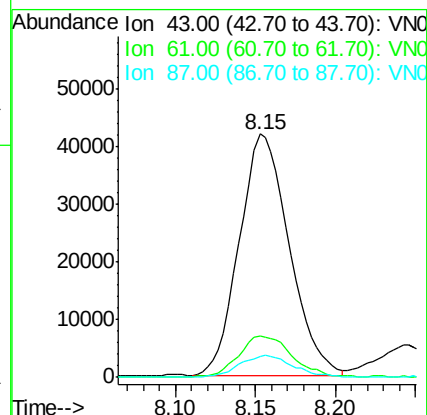
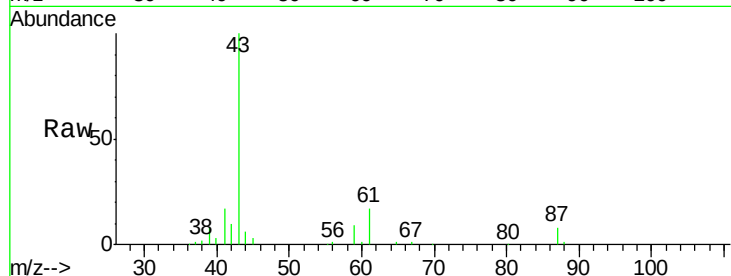
Tot Ion: 43 Resp: 89242

Ion Ratio Lower Upper

43 100

61 18.4 14.5 21.7

87 9.8 8.6 12.8



#50

Toluene-d8

Concen: 52.904 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057524.D

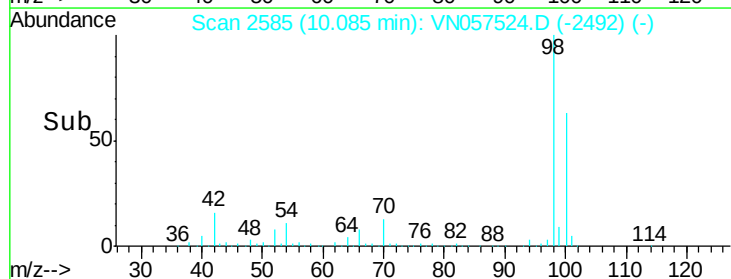
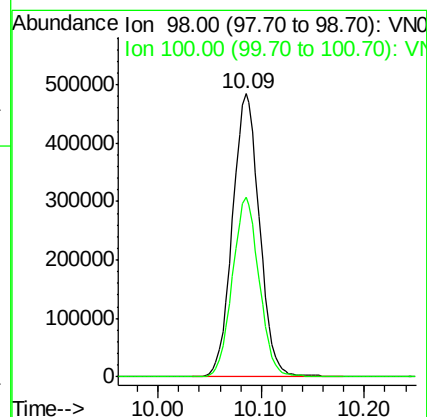
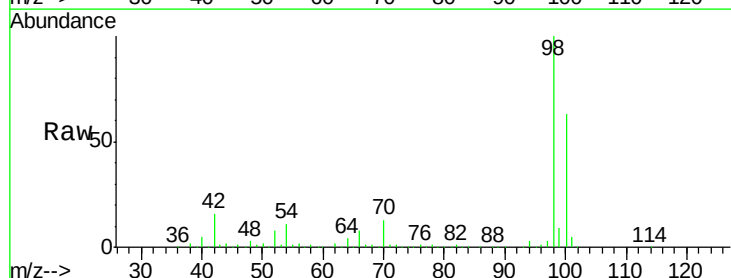
Acq: 26 Aug 2019 21:13

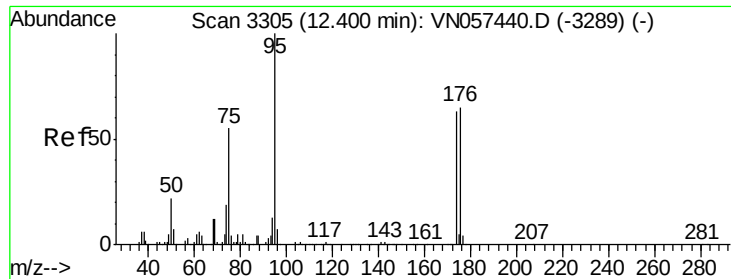
Tgt Ion: 98 Resp: 885801

Ion Ratio Lower Upper

98 100

100 62.7 50.4 75.6





#62

4-Bromofluorobenzene

Concen: 42.282 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-I(0)

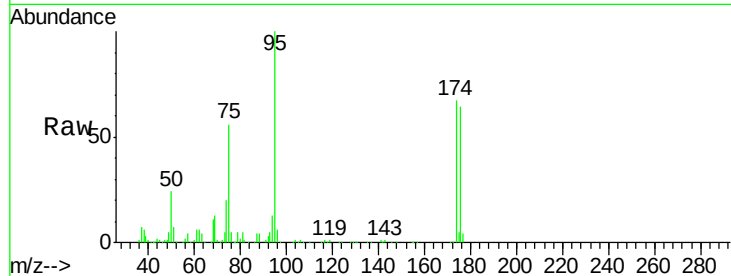
Tot Ion: 95 Resp: 239911

Ion Ratio Lower Upper

95 100

174 67.4 0.0 133.0

176 64.4 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057440.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN057440.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN057440.D (-3289) (-)

12.40

150000

100000

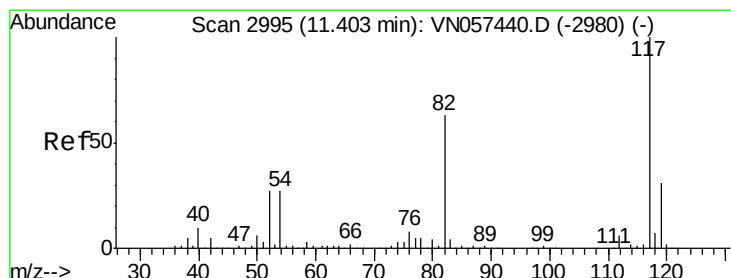
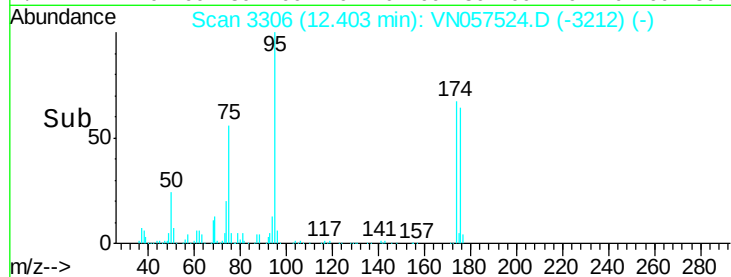
50000

0

12.40

12.50

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

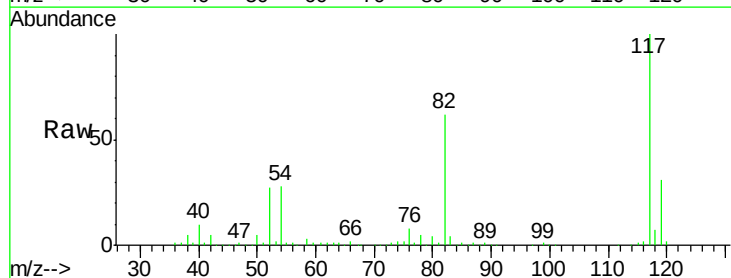
Tgt Ion: 117 Resp: 571107

Ion Ratio Lower Upper

117 100

82 62.2 50.6 75.8

119 30.8 24.6 36.8



Abundance Ion 116.90 (116.60 to 117.60): VN057440.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN057440.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN057440.D (-2980) (-)

11.40

400000

300000

200000

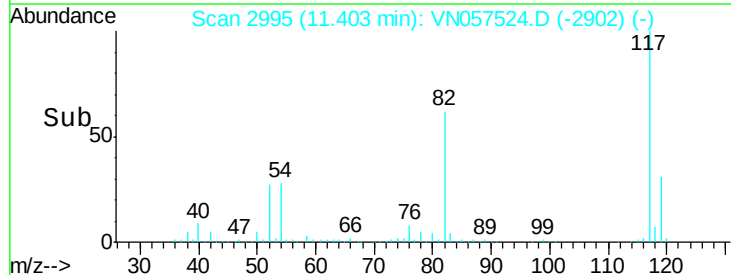
100000

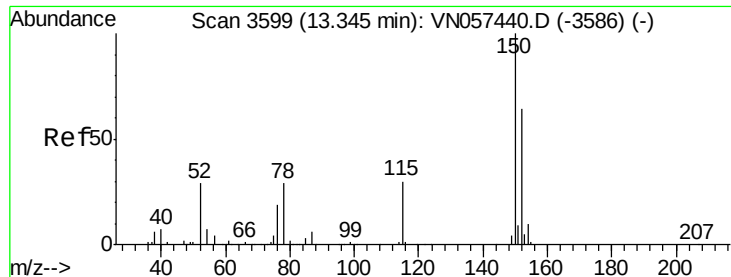
0

11.40

11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057524.D

Acq: 26 Aug 2019 21:13

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-I-(0)

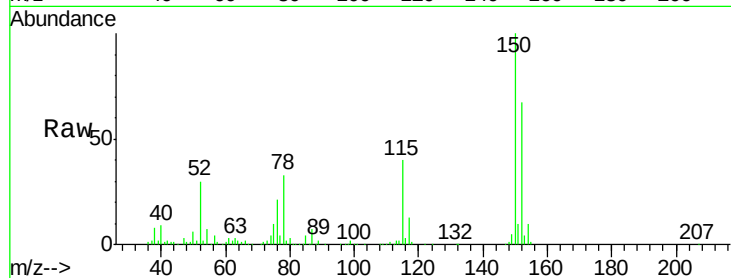
Tot Ion:152 Resp: 137665

Ion Ratio Lower Upper

152 100

115 62.6 32.0 96.0

150 154.5 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

