

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057522.D
 Acq On : 26 Aug 2019 20:22
 Operator : JC/SP
 Sample : K4475-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-C-(2.5)

Quant Time: Aug 27 07:55:37 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

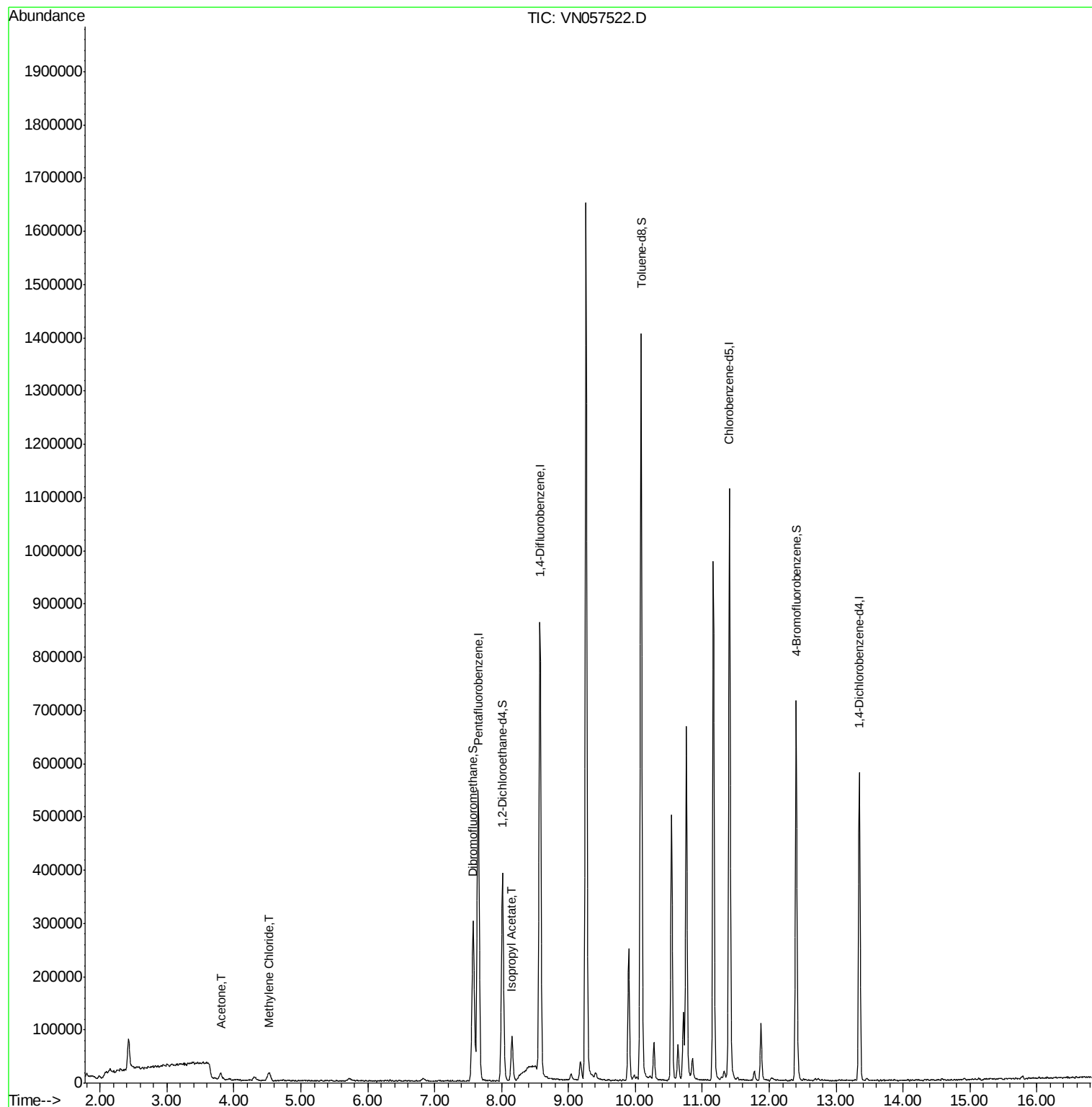
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	394801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	686015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	595983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	138162	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	325807	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
35) Dibromofluoromethane	7.58	113	218699	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	10.08	98	920926	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.40	95	251372	42.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.68%	
Target Compounds						
16) Acetone	3.80	43	16552	5.190	ug/l	90
20) Methylene Chloride	4.52	84	10714	2.194	ug/l	98
43) Isopropyl Acetate	8.16	43	103389	8.140	ug/l	98

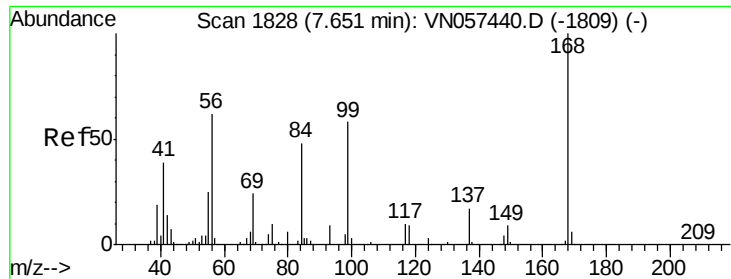
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

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Acq: 26 Aug 2019 20:22

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MSVOA_N

ClientSampleId :

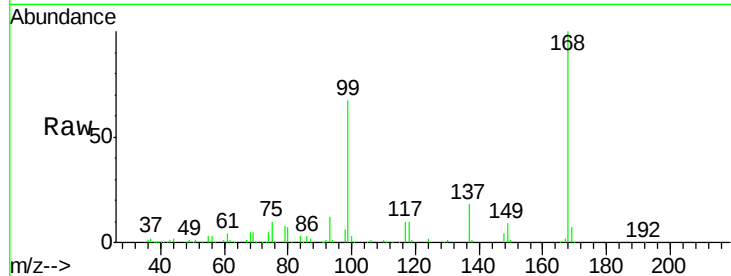
T1-2-C-(2.5)

Tot Ion:168 Resp: 394801

Ion Ratio Lower Upper

168 100

99 67.3 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

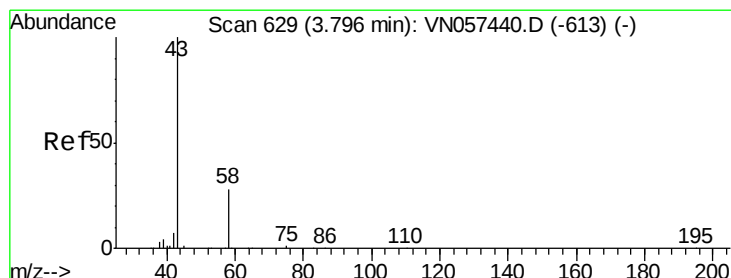
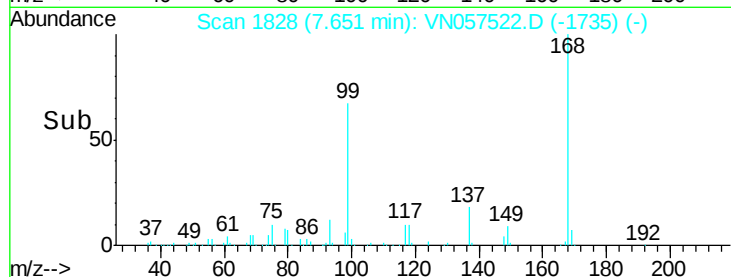
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.190 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057522.D

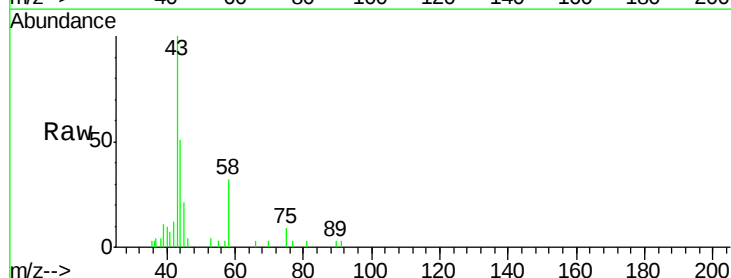
Acq: 26 Aug 2019 20:22

Tgt Ion: 43 Resp: 16552

Ion Ratio Lower Upper

43 100

58 32.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

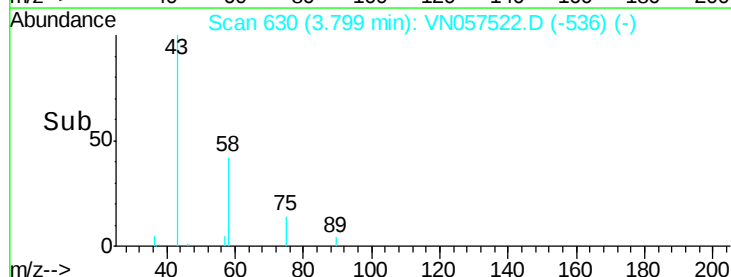
6000

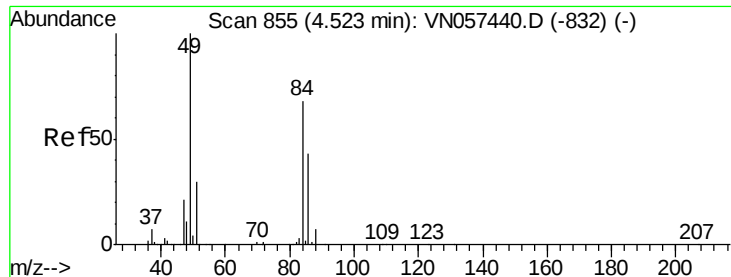
4000

2000

0

Time-->

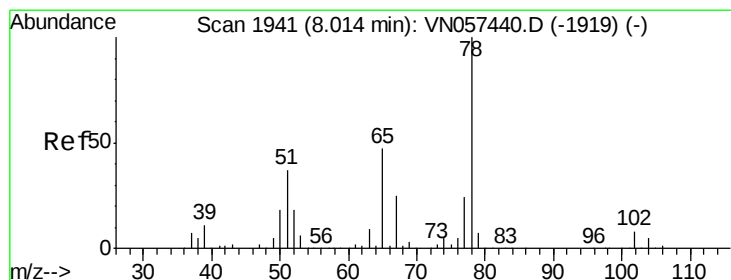
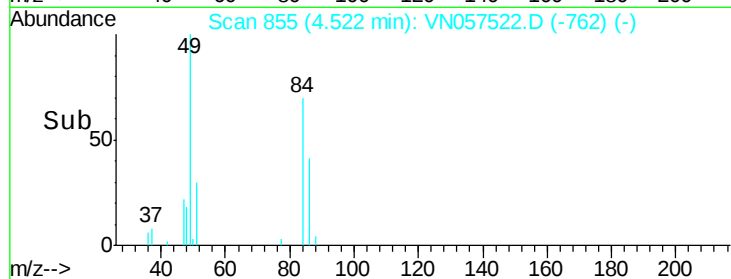
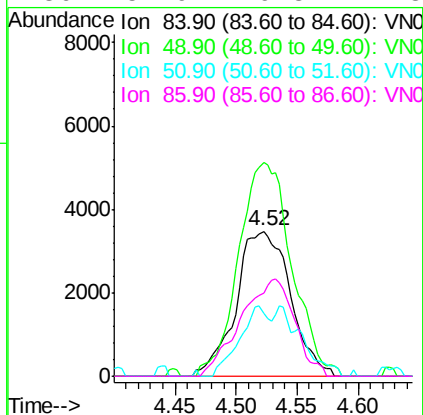
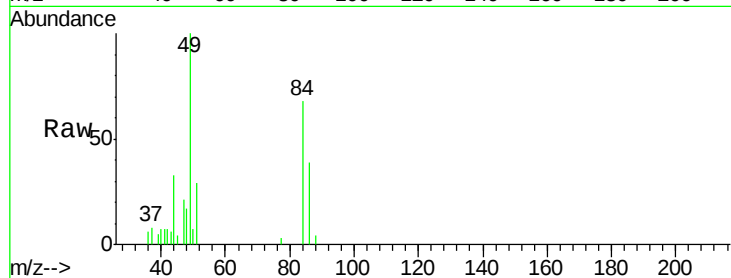




#20
Methvlene Chloride
Concen: 2.194 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN057522.D
Acq: 26 Aug 2019 20:22

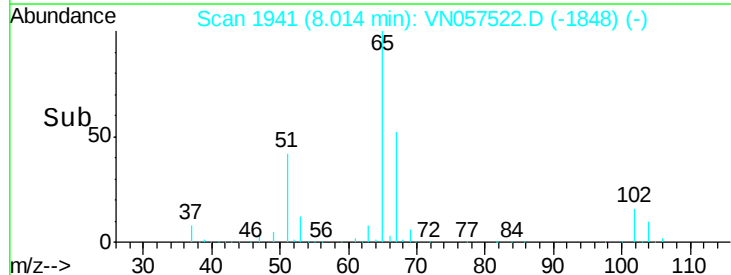
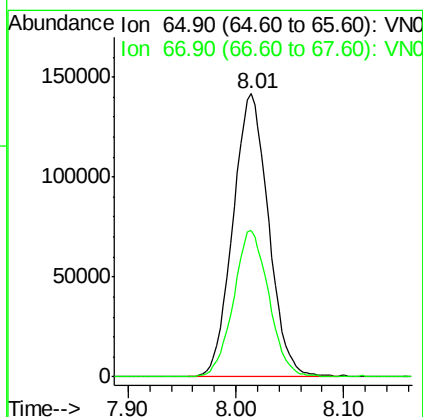
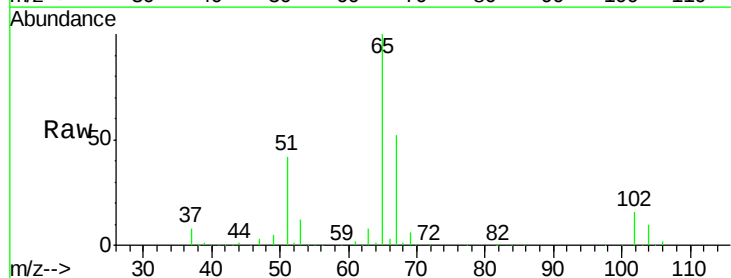
Instrument :
MSVOA_N
ClientSampleId :
T1-2-C-(2.5)

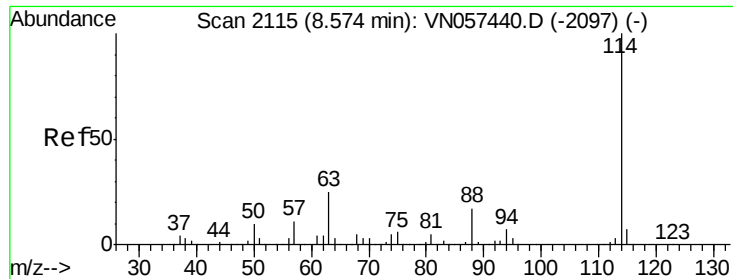
Tot Ion:	84	Resp:	10714
Ion	Ratio	Lower	Upper
84	100		
49	147.5	117.0	175.4
51	43.2	35.5	53.3
86	57.9	49.8	74.8



#33
1,2-Dichloroethane-d4
Concen: 46.912 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057522.D
Acq: 26 Aug 2019 20:22

Tgt Ion:	65	Resp:	325807
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.8

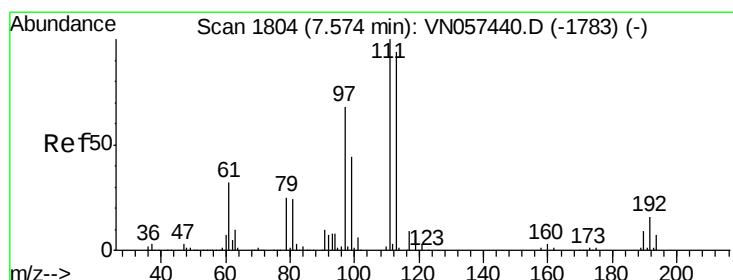
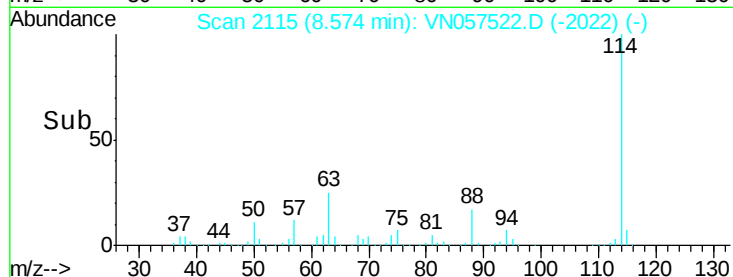
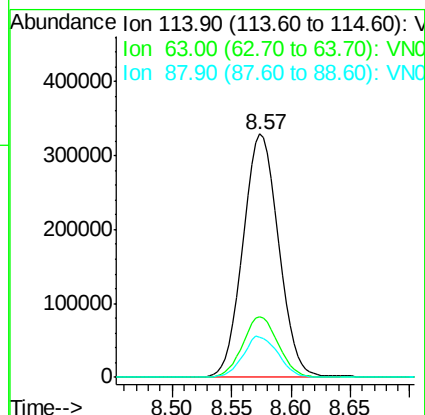
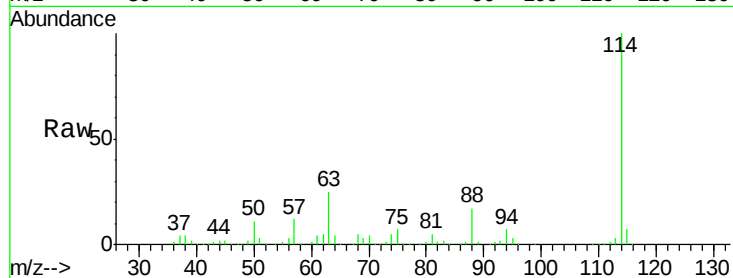




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057522.D
 Acq: 26 Aug 2019 20:22

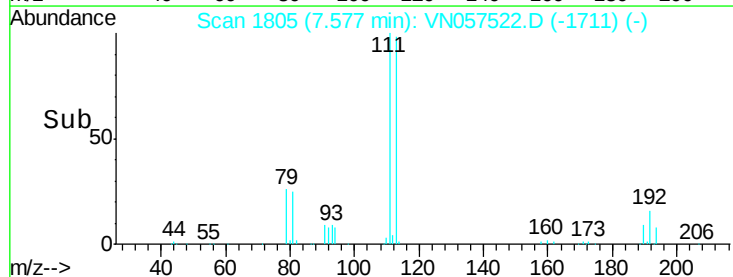
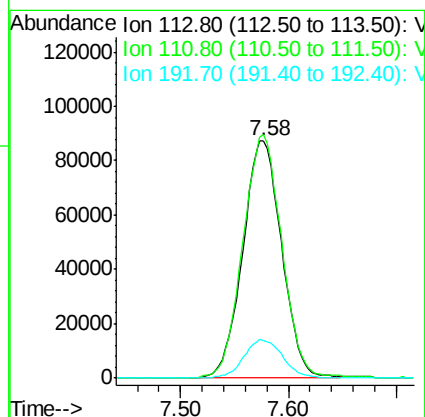
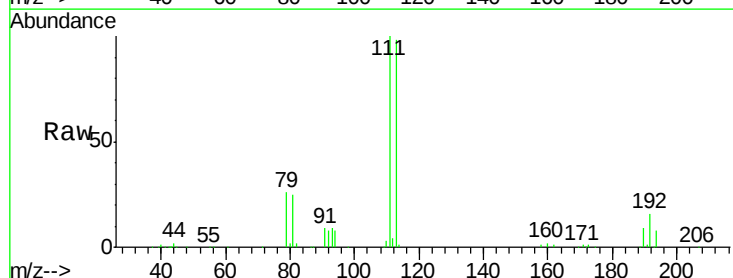
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-C-(2.5)

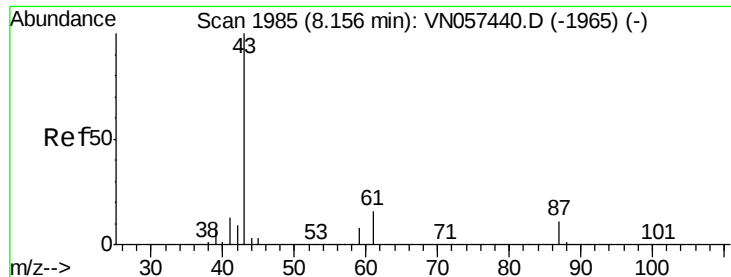
Tot Ion:114 Resp: 686015
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.2
 88 16.6 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 47.197 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057522.D
 Acq: 26 Aug 2019 20:22

Tgt Ion:113 Resp: 218699
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.8 125.6
 192 16.2 13.5 20.3

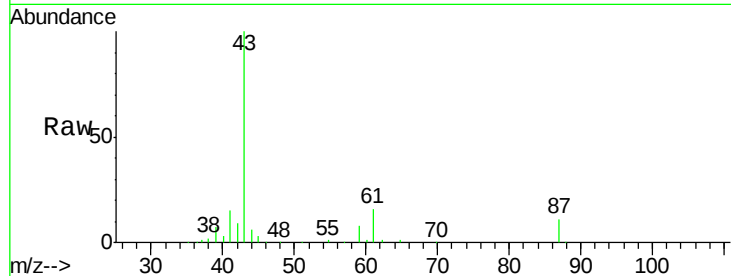




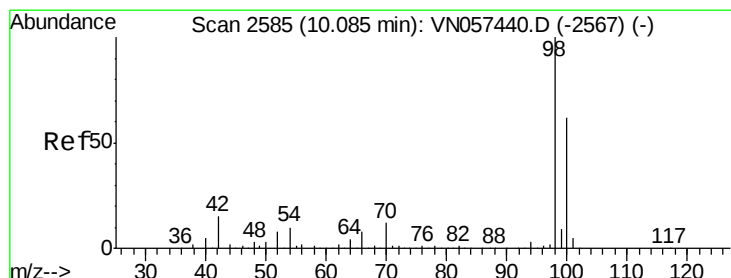
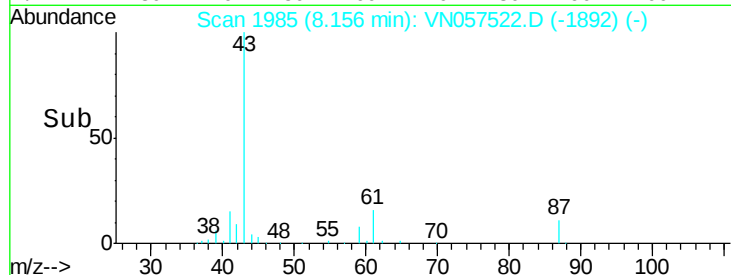
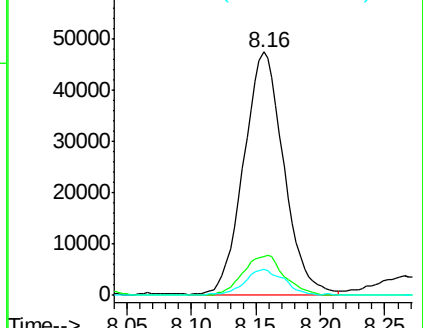
#43
Isopropyl Acetate
Concen: 8.140 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN057522.D
Acq: 26 Aug 2019 20:22

Instrument :
MSVOA_N
ClientSampleId :
T1-2-C-(2.5)

Tot Ion	43	Resp	103389
Ion Ratio	43	100	
	61	16.9	14.5 21.7
	87	10.6	8.6 12.8

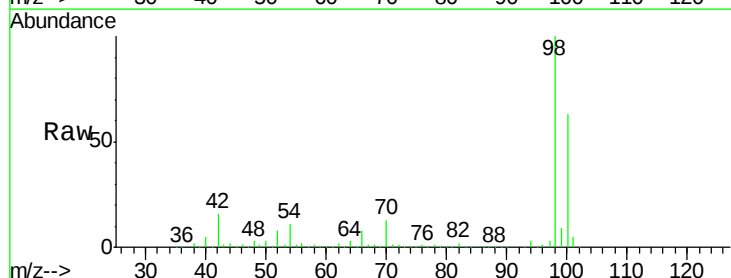


Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-1965) (-)

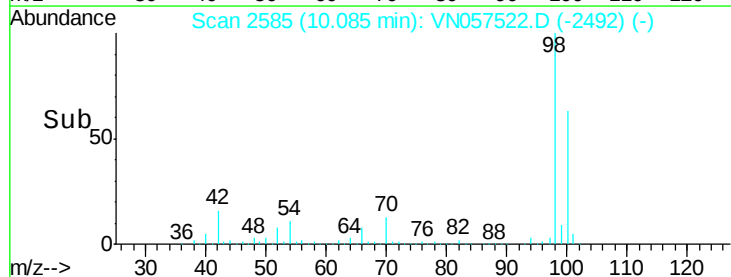
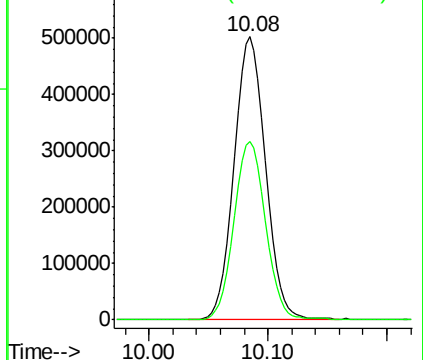


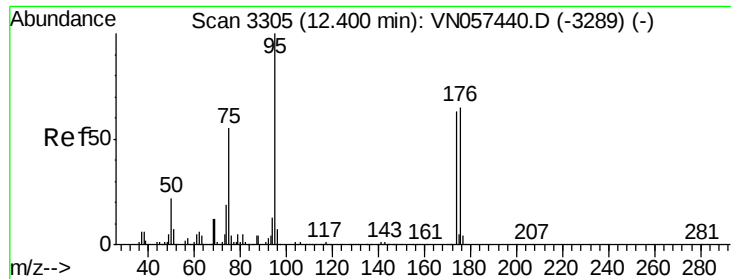
#50
Toluene-d8
Concen: 52.561 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057522.D
Acq: 26 Aug 2019 20:22

Tgt Ion	98	Resp	920926
Ion Ratio	98	100	
	100	63.7	50.4 75.6



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





#62

4-Bromofluorobenzene

Concen: 42.336 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

Instrument :

MSVOA_N

ClientSampleId :

T1-2-C-(2.5)

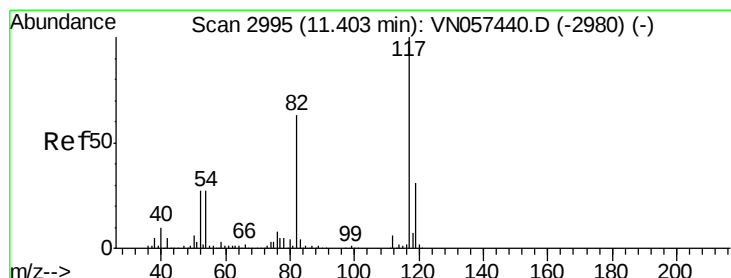
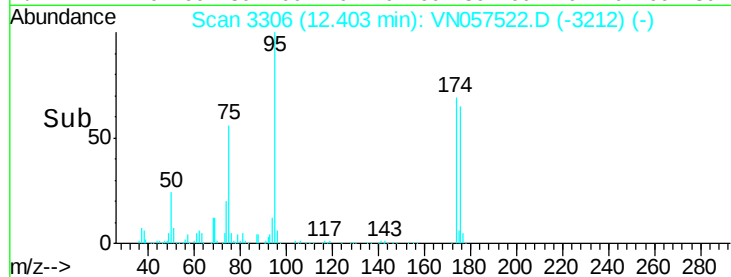
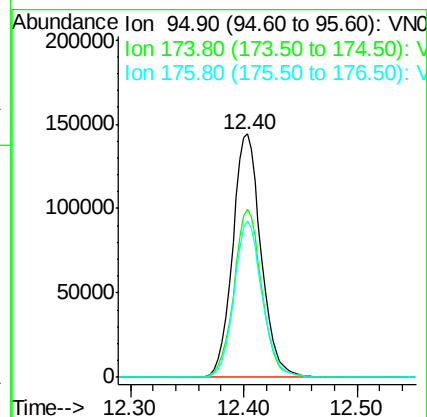
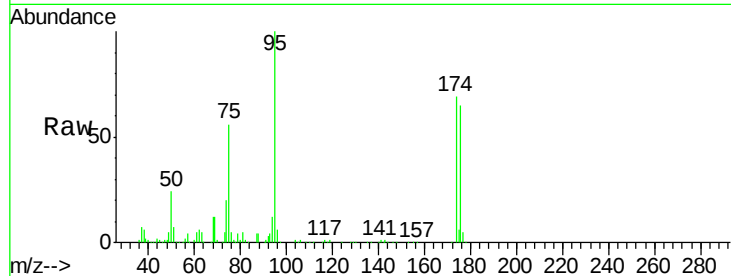
Tot Ion: 95 Resp: 251372

Ion Ratio Lower Upper

95 100

174 67.8 0.0 133.0

176 63.5 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: VN057522.D

Acq: 26 Aug 2019 20:22

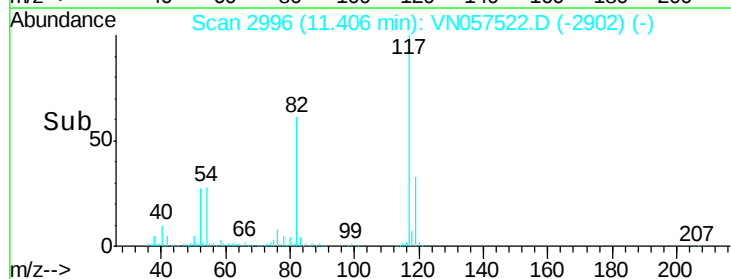
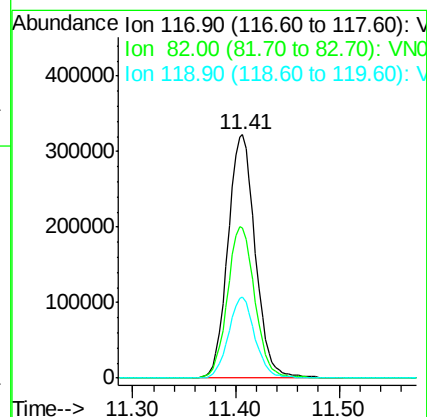
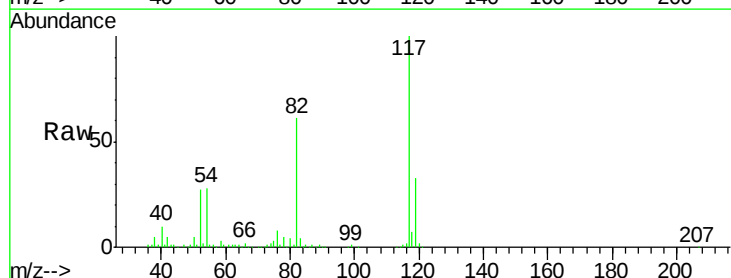
Tgt Ion: 117 Resp: 595983

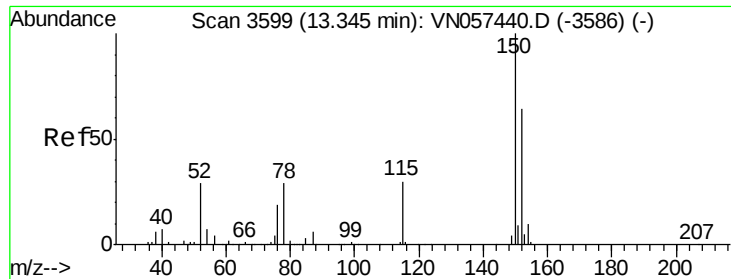
Ion Ratio Lower Upper

117 100

82 61.5 50.6 75.8

119 33.3 24.6 36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057522.D

Acq: 26 Aug 2019 20:22

Instrument :

MSVOA_N

ClientSampleId :

T1-2-C-(2.5)

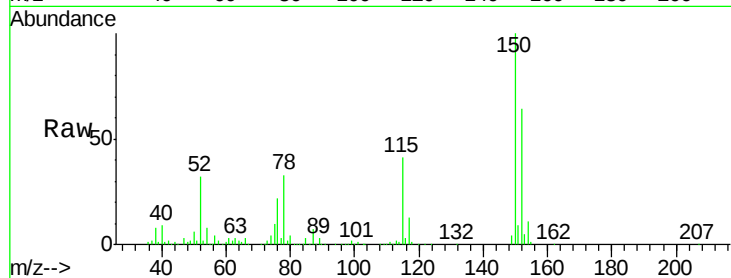
Tot Ion:152 Resp: 138162

Ion Ratio Lower Upper

152 100

115 64.4 32.0 96.0

150 156.8 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

