

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081319\
 Data File : VN057267.D
 Acq On : 13 Aug 2019 23:52
 Operator : JC/SP
 Sample : K4266-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(0)

Quant Time: Aug 14 07:45:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 06:25:03 2019
 Response via : Initial Calibration

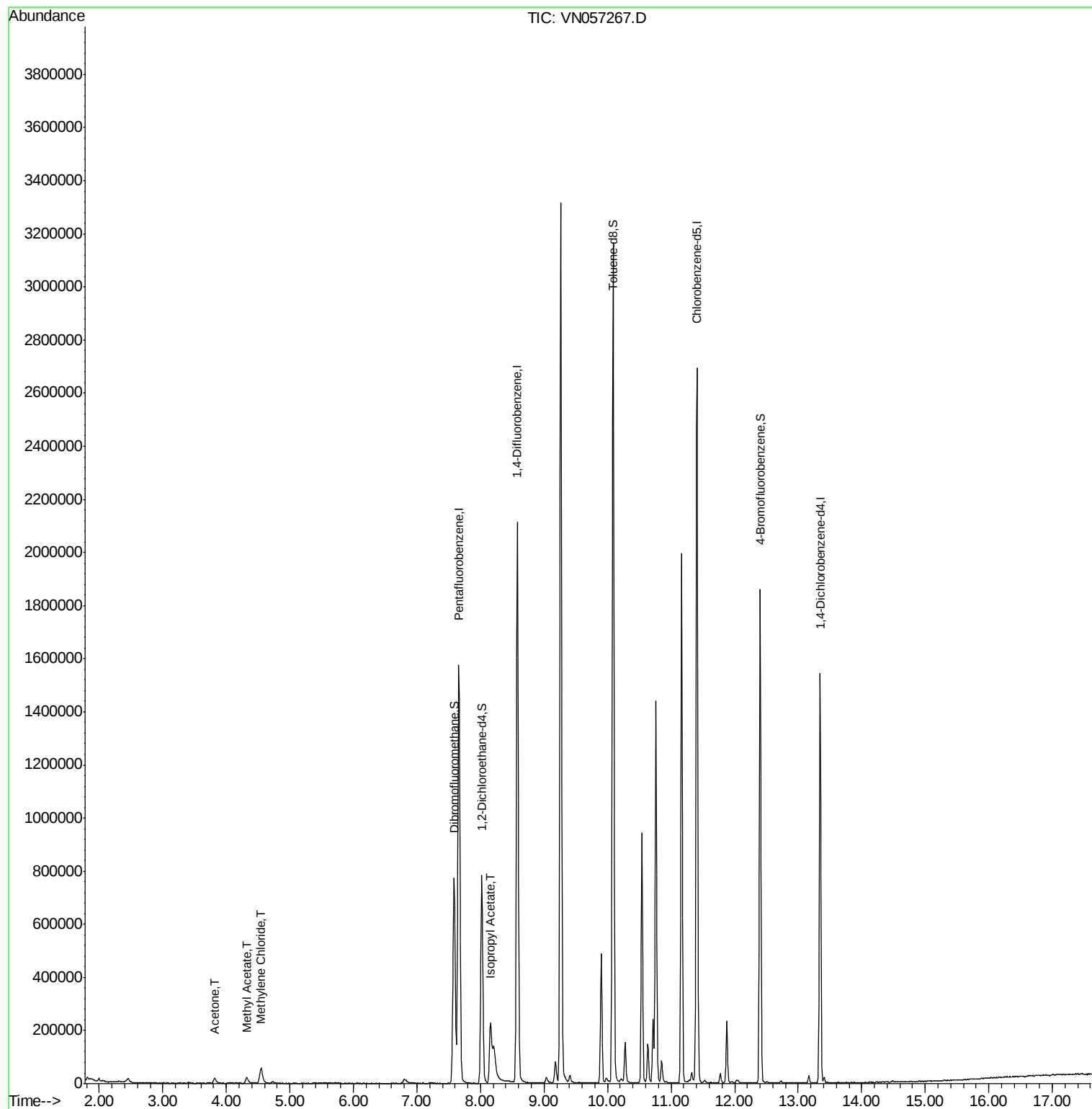
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1441024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2008156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1702891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	456209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	666496	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
35) Dibromofluoromethane	7.58	113	603622	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
50) Toluene-d8	10.09	98	2324889	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	637187	39.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.46%	
Target Compounds						
16) Acetone	3.81	43	31152	6.251	ug/l	97
18) Methyl Acetate	4.32	43	42671	2.209	ug/l	100
20) Methylene Chloride	4.55	84	46897	3.221	ug/l	97
43) Isopropyl Acetate	8.16	43	275619	11.860	ug/l #	80

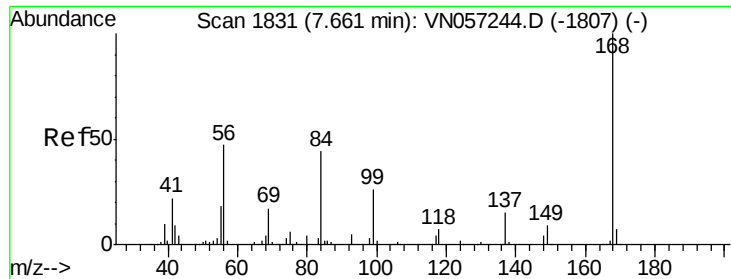
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

Instrument :

MSVOA_N

ClientSampleId :

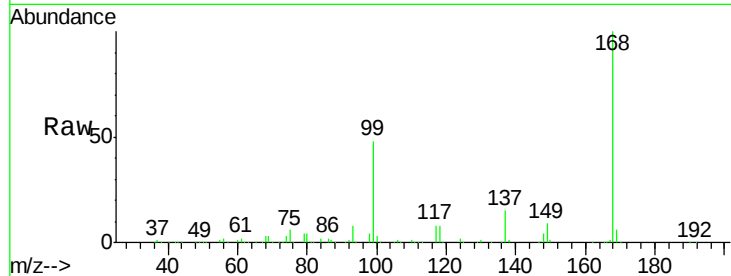
R1-R2-C4-(0)

Tot Ion:168 Resp: 1441024

Ion Ratio Lower Upper

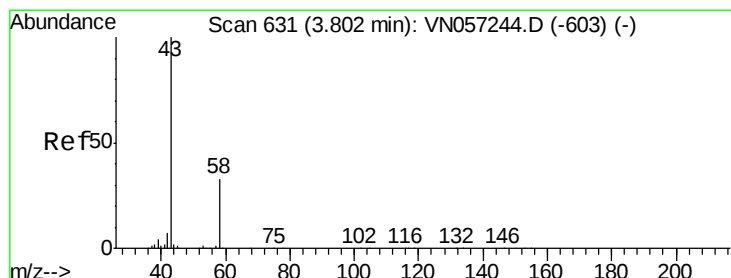
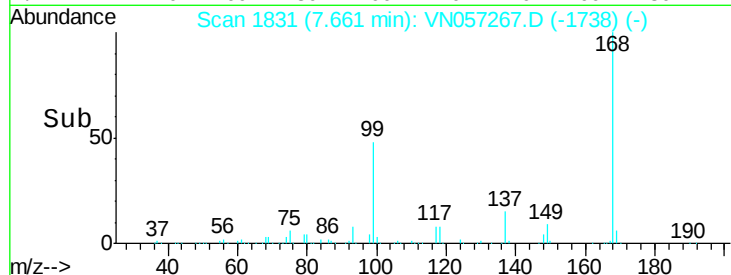
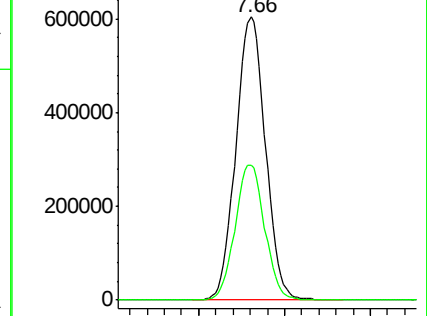
168 100

99 47.8 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.251 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057267.D

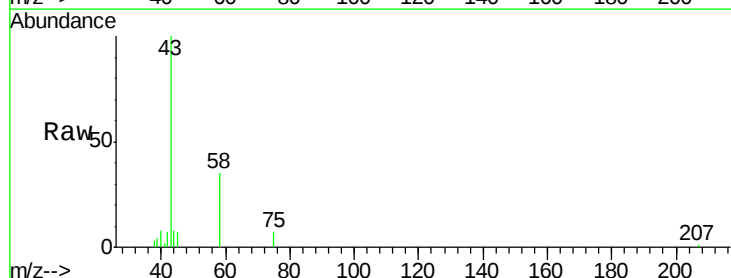
Acq: 13 Aug 2019 23:52

Tgt Ion: 43 Resp: 31152

Ion Ratio Lower Upper

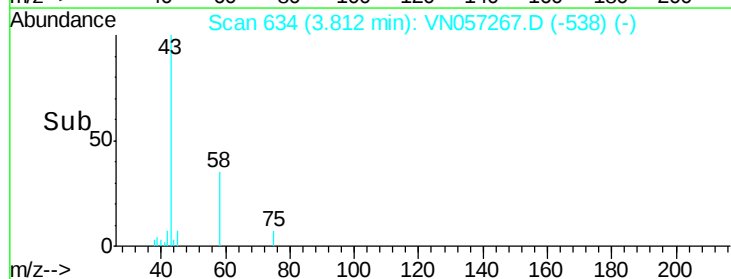
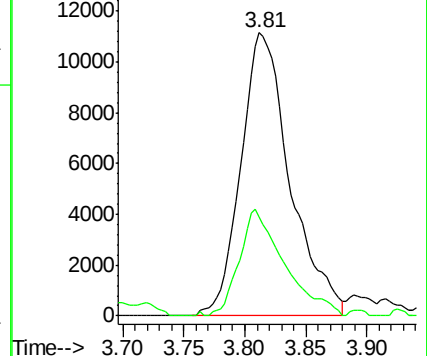
43 100

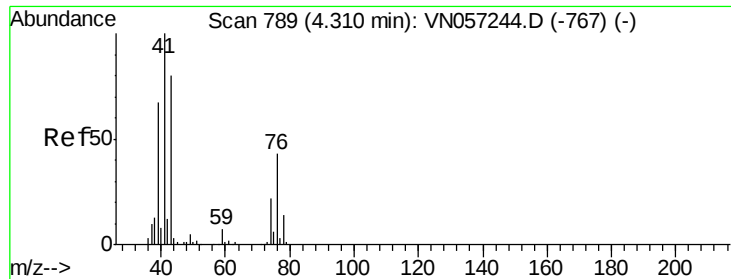
58 35.1 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

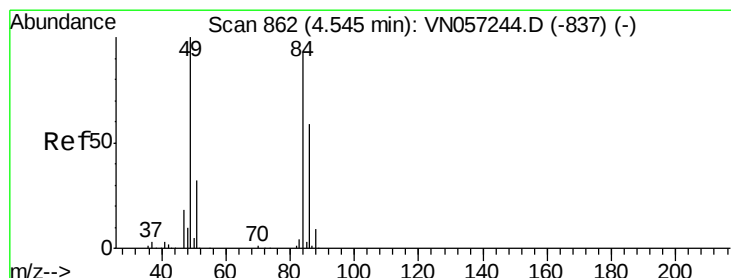
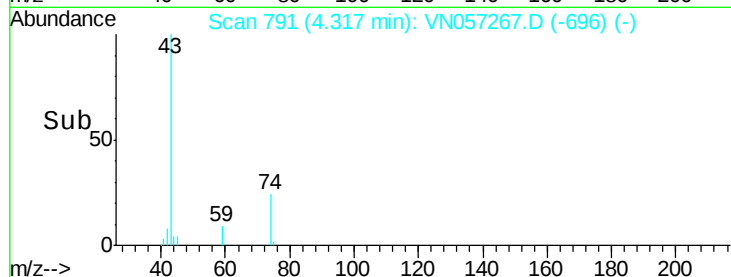
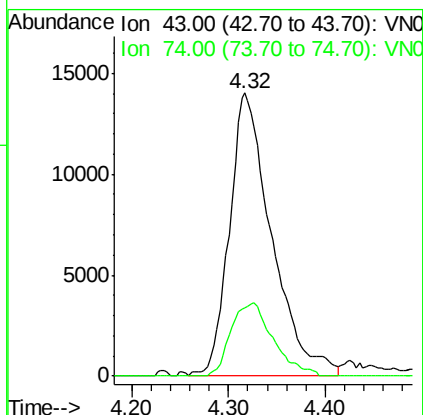
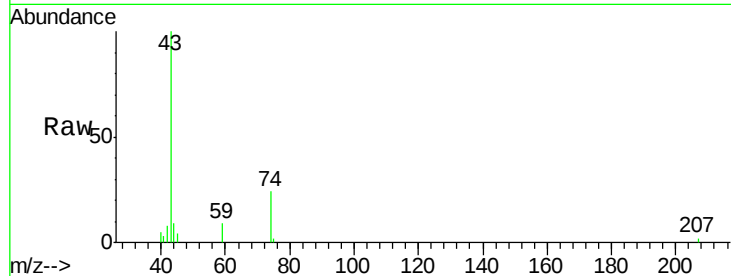




#18
Methvl Acetate
Concen: 2.209 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN057267.D
Acq: 13 Aug 2019 23:52

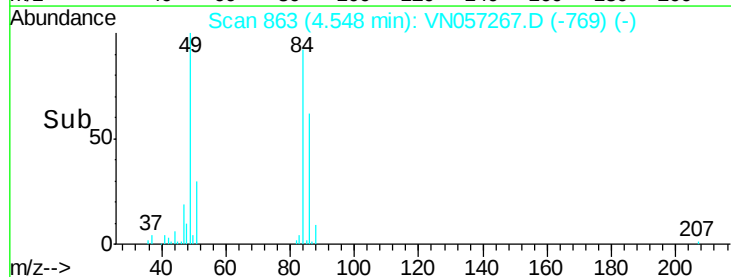
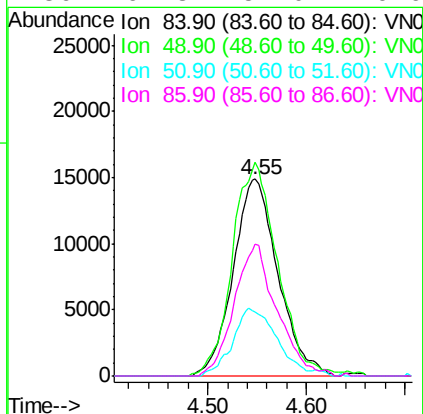
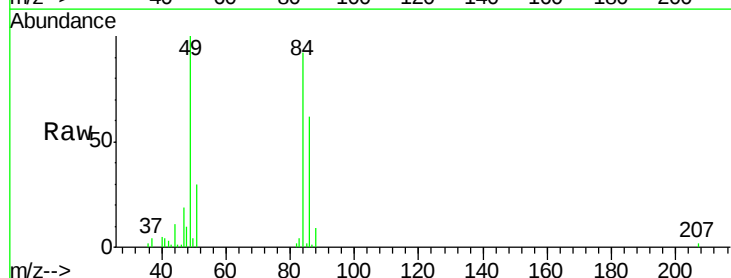
Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C4-(0)

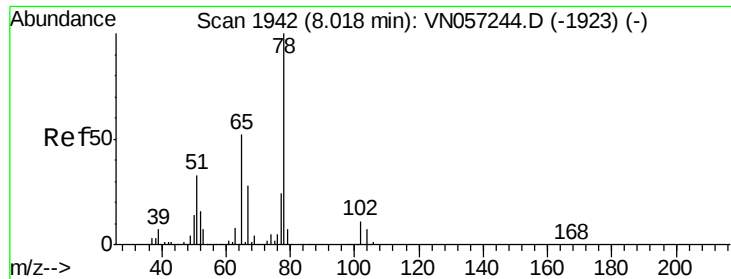
Tot Ion: 43 Resp: 42671
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0



#20
Methylene Chloride
Concen: 3.221 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN057267.D
Acq: 13 Aug 2019 23:52

Tgt Ion: 84 Resp: 46897
Ion Ratio Lower Upper
84 100
49 108.6 85.9 128.9
51 32.3 27.1 40.7
86 67.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 45.849 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

Instrument :

MSVOA_N

ClientSampleId :

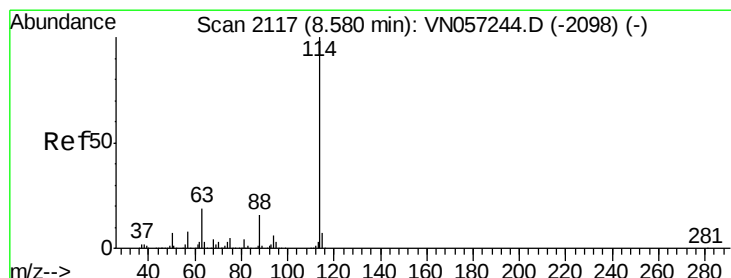
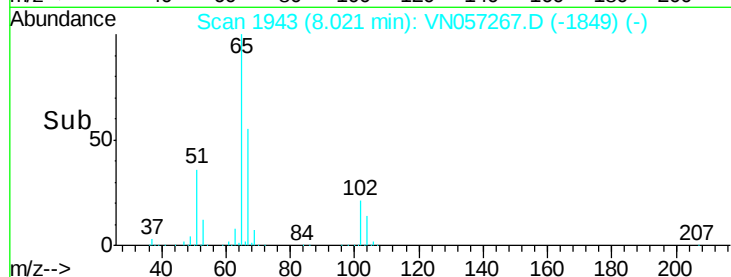
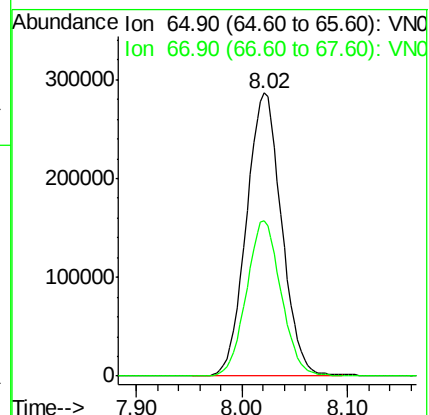
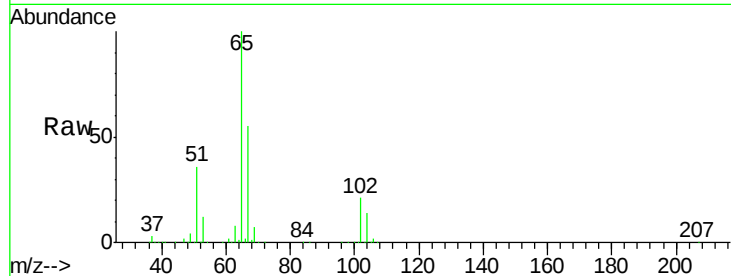
R1-R2-C4-(0)

Tot Ion: 65 Resp: 666496

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

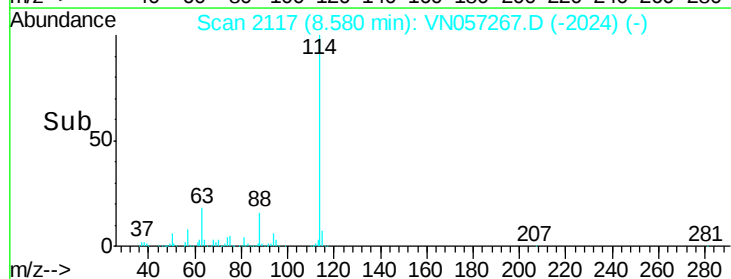
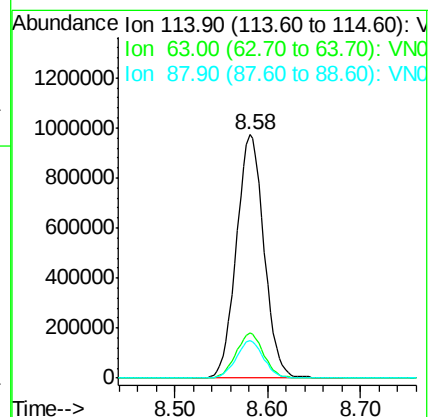
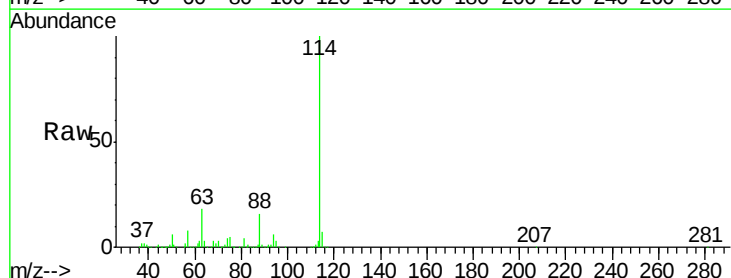
Tgt Ion: 114 Resp: 2008156

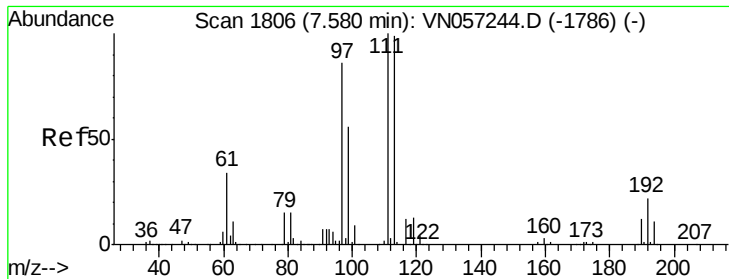
Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.0

88 15.5 0.0 31.0

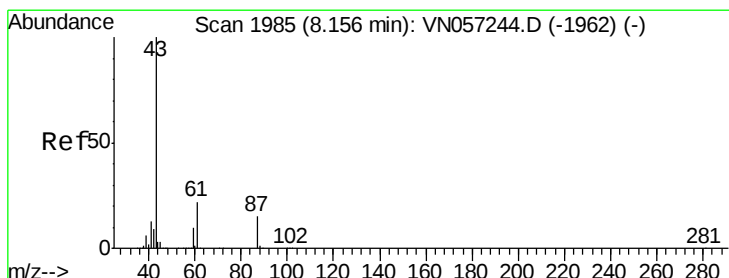
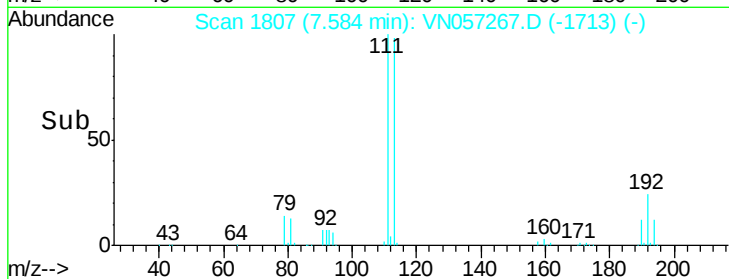
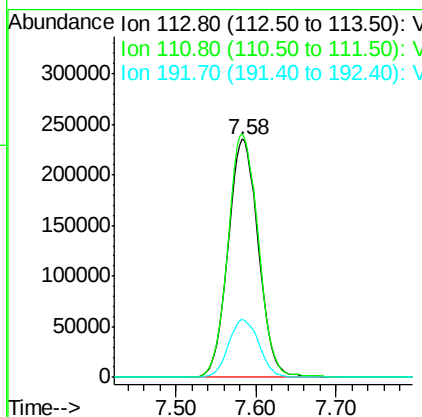
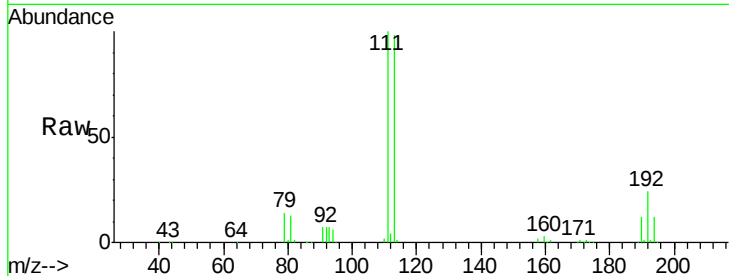




#35
 Dibromofluoromethane
 Concen: 47.075 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057267.D
 Acq: 13 Aug 2019 23:52

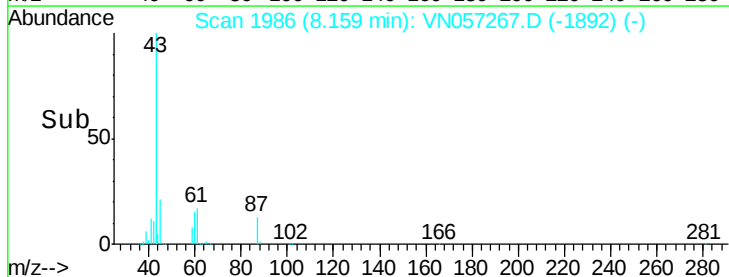
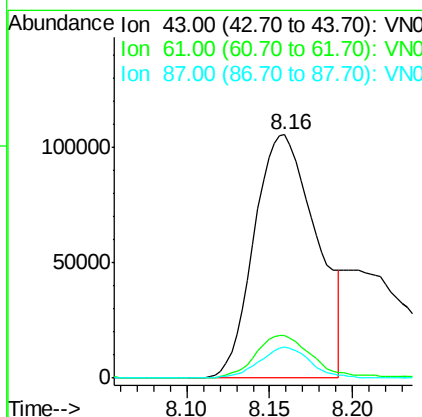
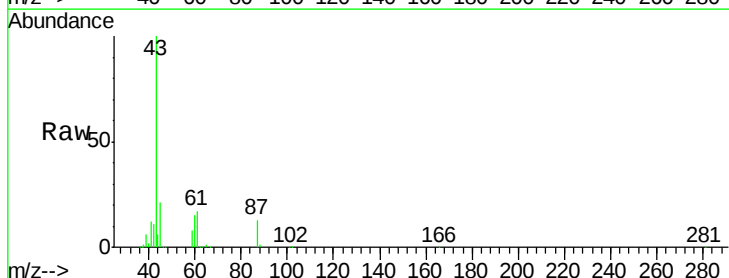
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C4-(0)

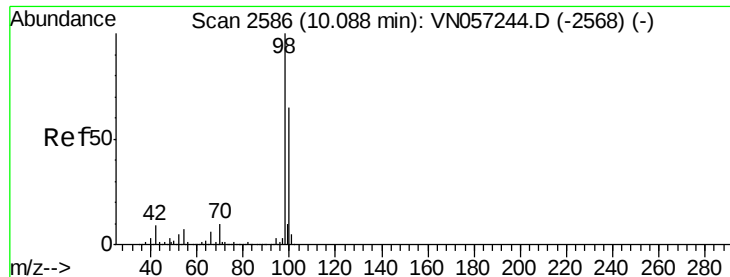
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	24.4	18.8	28.2



#43
 Isopropyl Acetate
 Concen: 11.860 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN057267.D
 Acq: 13 Aug 2019 23:52

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.4	23.5	35.3#
87	10.4	12.1	18.1#





#50

Toluene-d8

Concen: 49.711 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

Instrument :

MSVOA_N

ClientSampleId :

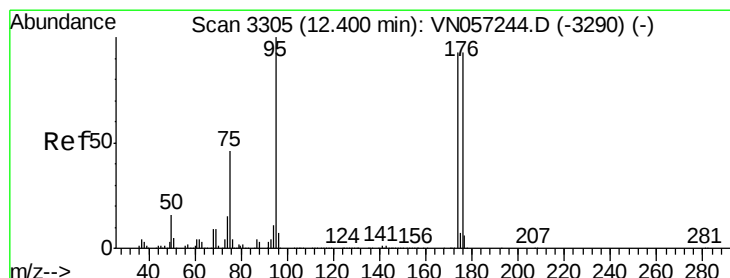
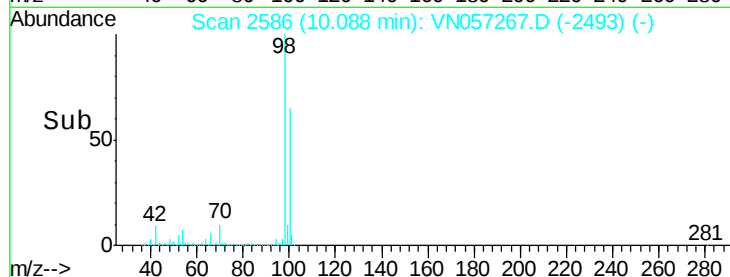
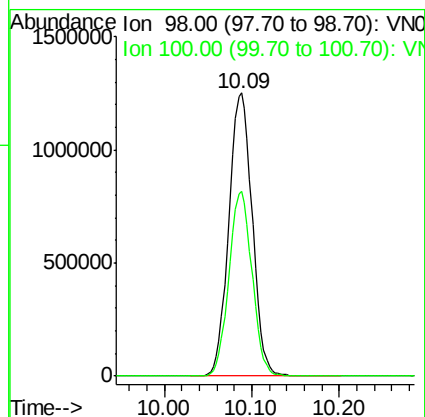
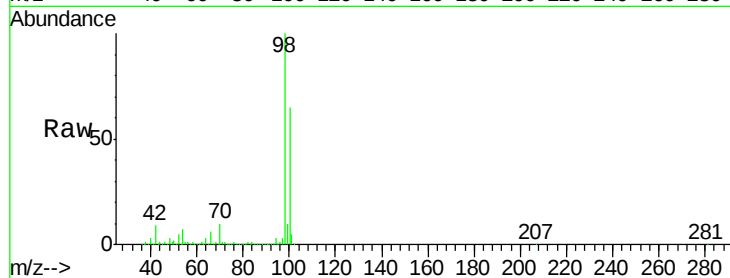
R1-R2-C4-(0)

Tot Ion: 98 Resp: 2324889

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 39.728 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057267.D

Acq: 13 Aug 2019 23:52

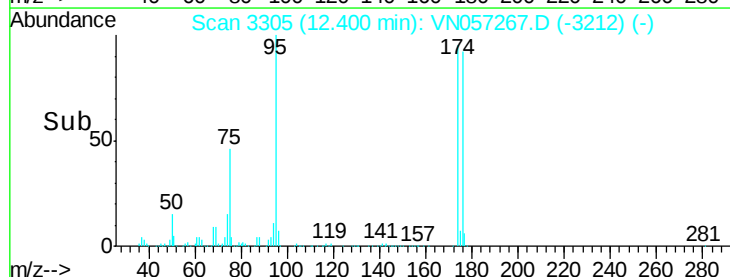
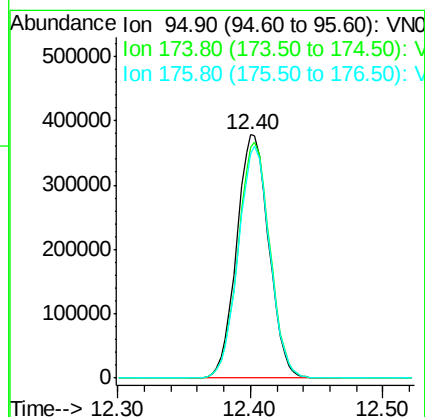
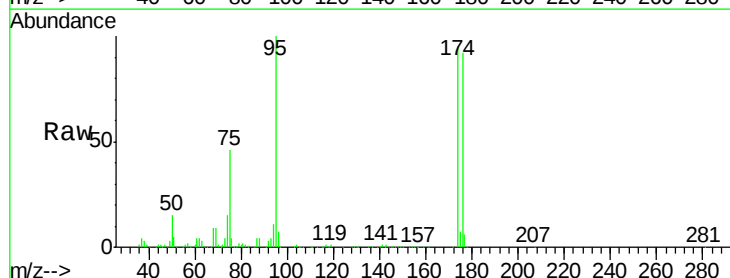
Tgt Ion: 95 Resp: 637187

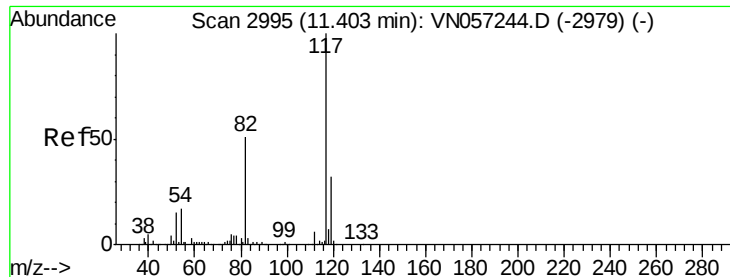
Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.6

176 93.7 0.0 185.8

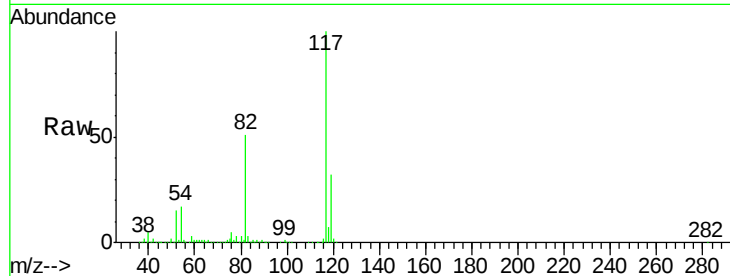




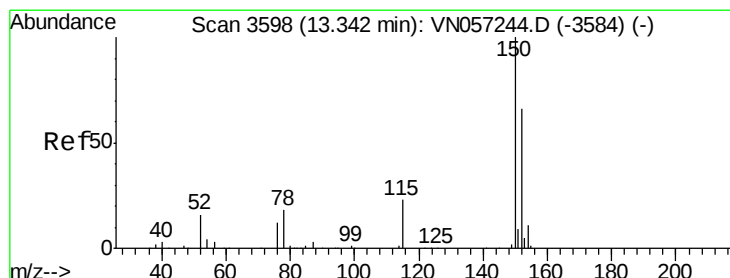
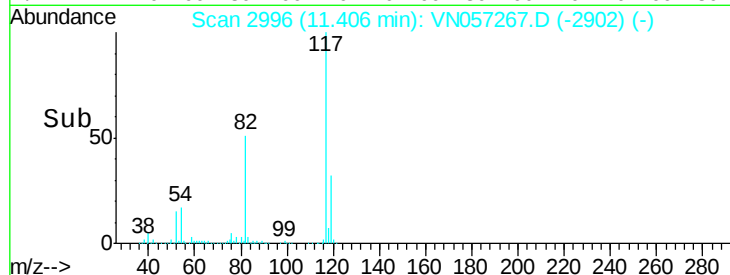
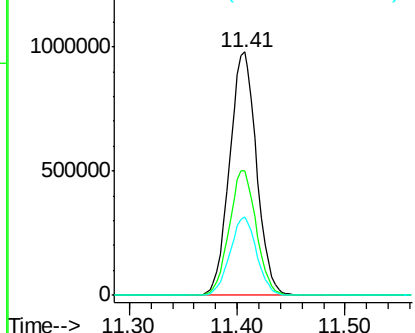
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057267.D
Acq: 13 Aug 2019 23:52

Instrument :
MSVOA_N
ClientSampleId :
R1-R2-C4-(0)

Tot Ion:117 Resp: 1702891
Ion Ratio Lower Upper
117 100
82 51.2 40.9 61.3
119 32.1 25.4 38.2

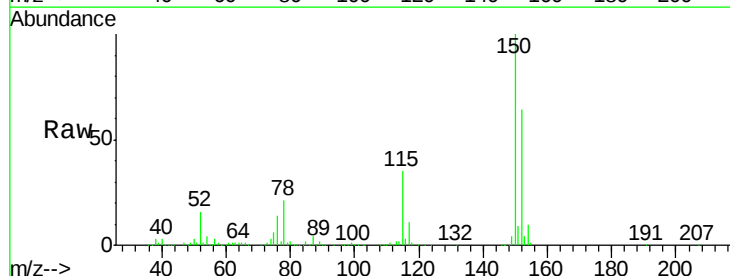


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057267.D
Acq: 13 Aug 2019 23:52

Tgt Ion:152 Resp: 456209
Ion Ratio Lower Upper
152 100
115 54.6 27.6 82.8
150 156.1 0.0 348.4



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

