

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081319\
 Data File : VN057270.D
 Acq On : 14 Aug 2019 1:05
 Operator : JC/SP
 Sample : K4266-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C3-(4.3)

Quant Time: Aug 14 07:50:57 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

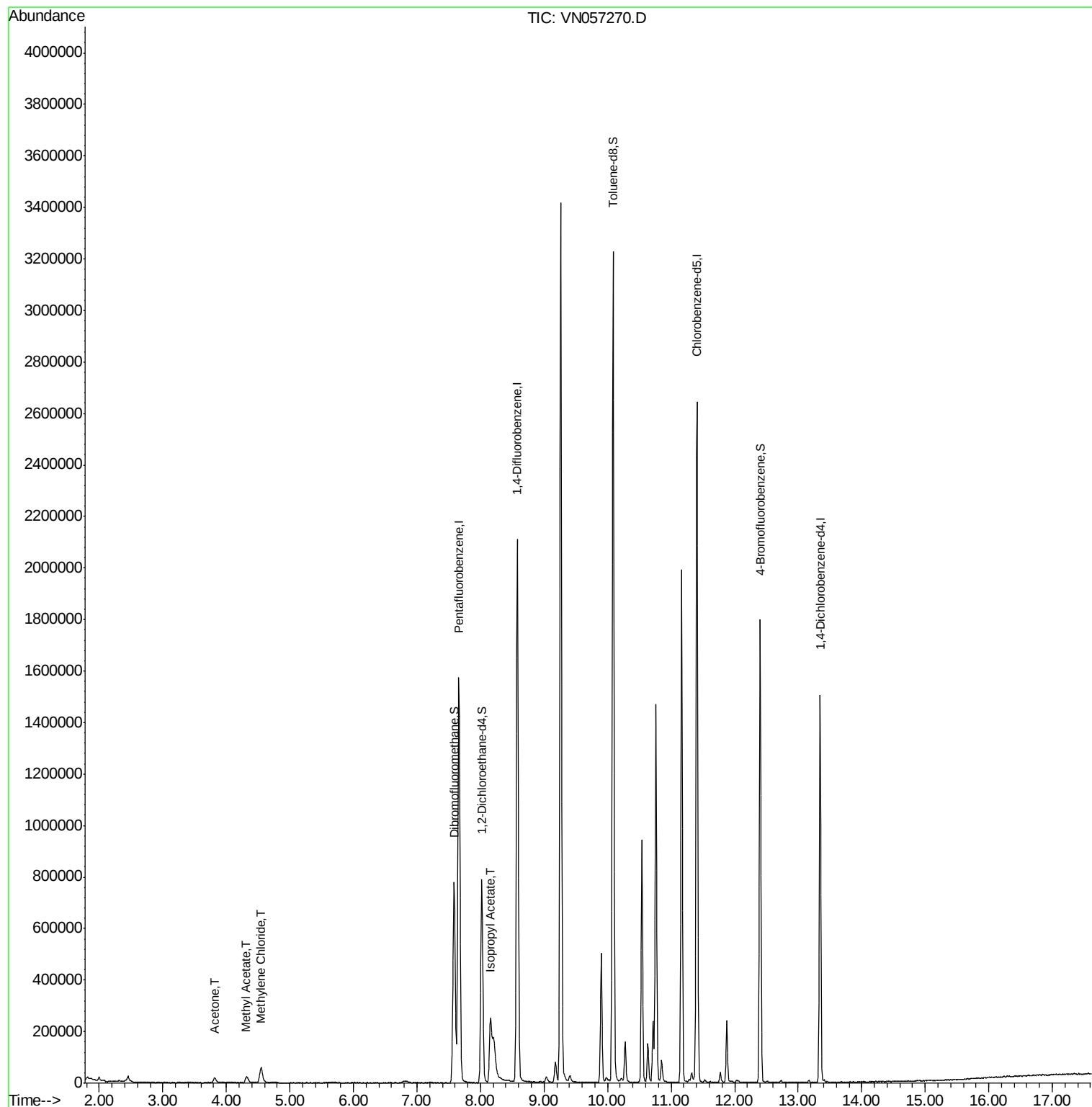
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1424618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2013529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1683973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	440405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	666617	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
35) Dibromofluoromethane	7.58	113	604705	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	10.09	98	2350800	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.40	95	619268	38.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.02%	
Target Compounds						
16) Acetone	3.81	43	30400	6.170	ug/l	99
18) Methyl Acetate	4.31	43	48189	2.693	ug/l	95
20) Methylene Chloride	4.55	84	48345	3.359	ug/l	95
43) Isopropyl Acetate	8.16	43	330781	14.195	ug/l #	76

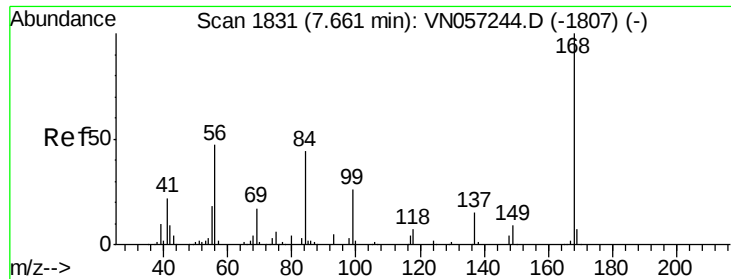
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081319\
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Aug 14 06:25:03 2019
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: VN057270.D

Acq: 14 Aug 2019 1:05

Instrument :

MSVOA_N

ClientSampleId :

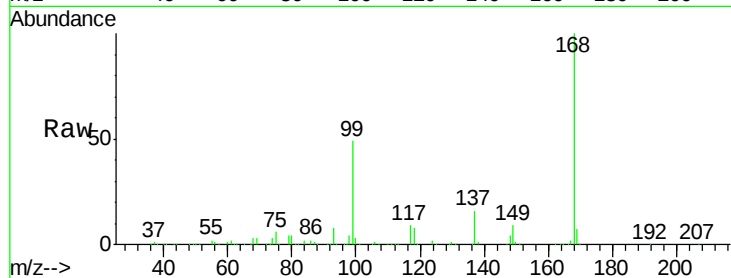
R1-R2-C3-(4.3)

Tot Ion:168 Resp: 1424618

Ion Ratio Lower Upper

168 100

99 48.8 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): VN057270.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN057270.D (-1738) (-)

7.66

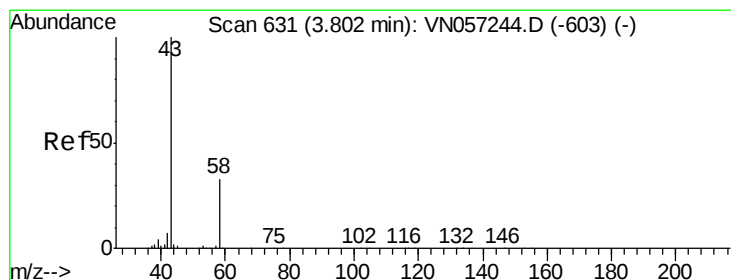
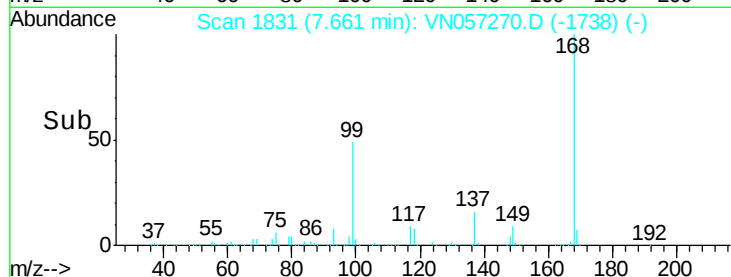
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 6.170 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057270.D

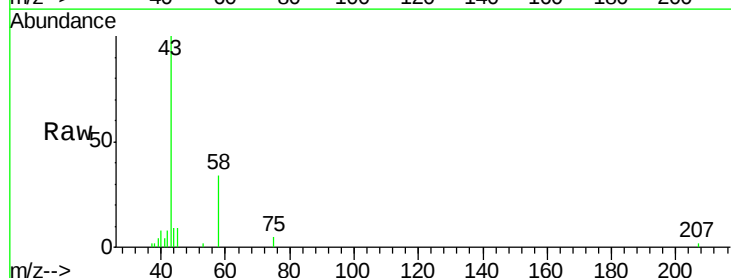
Acq: 14 Aug 2019 1:05

Tgt Ion: 43 Resp: 30400

Ion Ratio Lower Upper

43 100

58 34.2 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN057270.D (-538) (-)

Ion 58.00 (57.70 to 58.70): VN057270.D (-538) (-)

3.81

12000

10000

8000

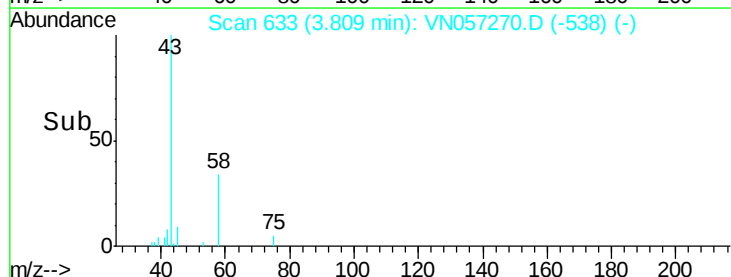
6000

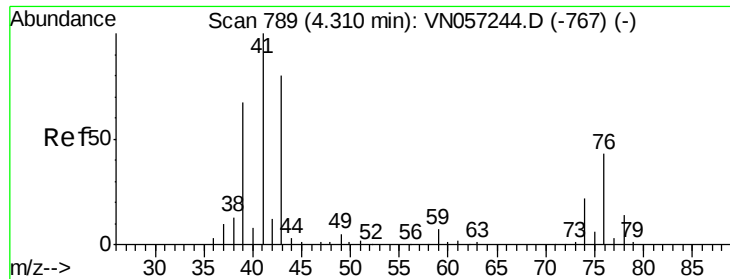
4000

2000

0

Time-->

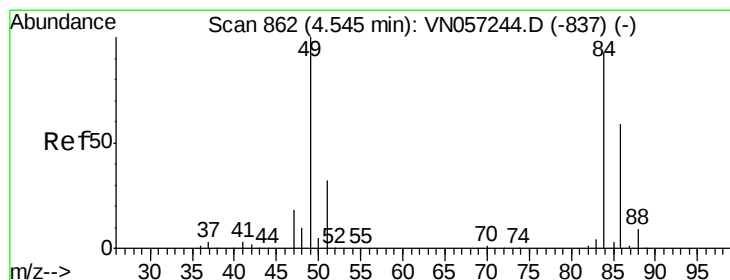
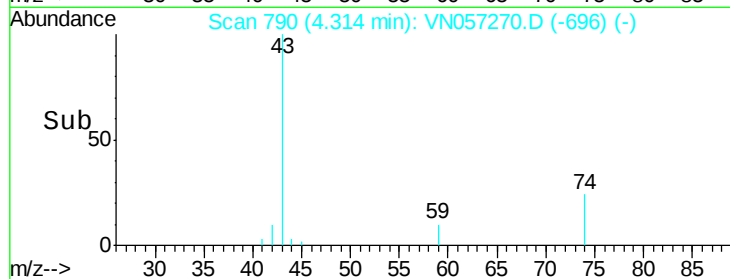
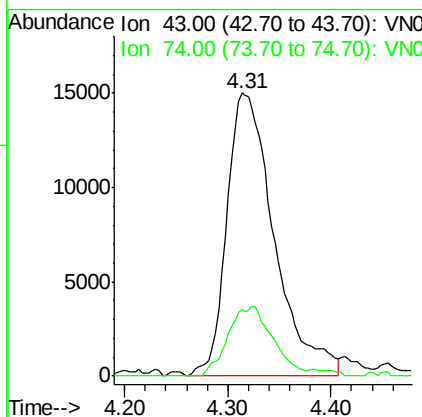
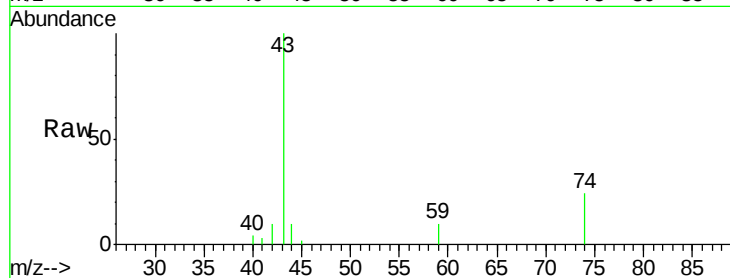




#18
Methyl Acetate
Concen: 2.693 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN057270.D
Acq: 14 Aug 2019 1:05

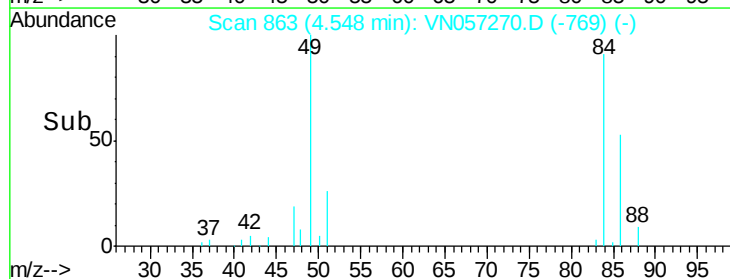
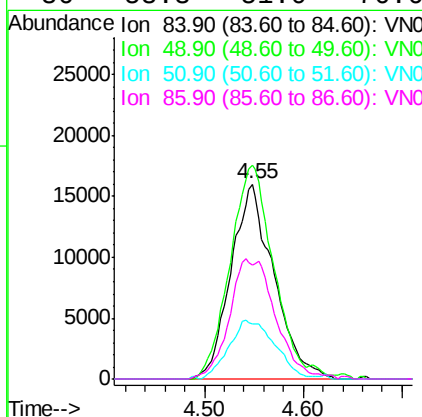
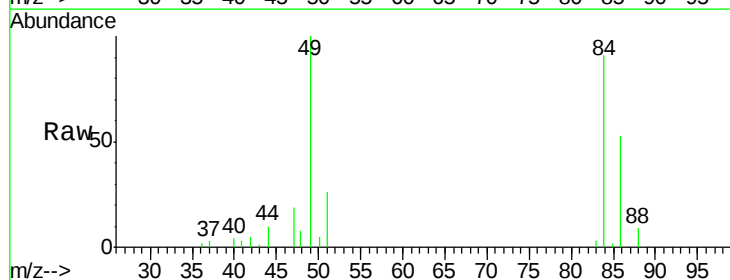
Instrument :
MSVOA_N
ClientSampled :
R1-R2-C3-(4.3)

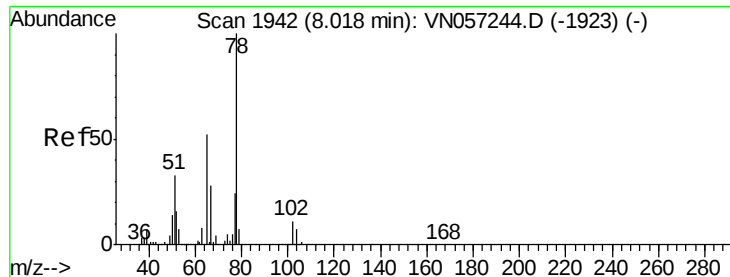
Tot Ion: 43 Resp: 48189
Ion Ratio Lower Upper
43 100
74 23.0 20.6 31.0



#20
Methylene Chloride
Concen: 3.359 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN057270.D
Acq: 14 Aug 2019 1:05

Tgt Ion: 84 Resp: 48345
Ion Ratio Lower Upper
84 100
49 109.5 85.9 128.9
51 28.0 27.1 40.7
86 58.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 46.386 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

Instrument :

MSVOA_N

ClientSampleId :

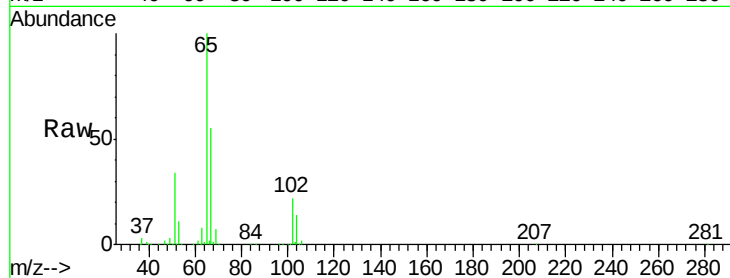
R1-R2-C3-(4.3)

Tot Ion: 65 Resp: 666617

Ion Ratio Lower Upper

65 100

67 54.8 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN057270.D (-1849) (-)

Ion 66.90 (66.60 to 67.60): VN057270.D (-1849) (-)

8.02

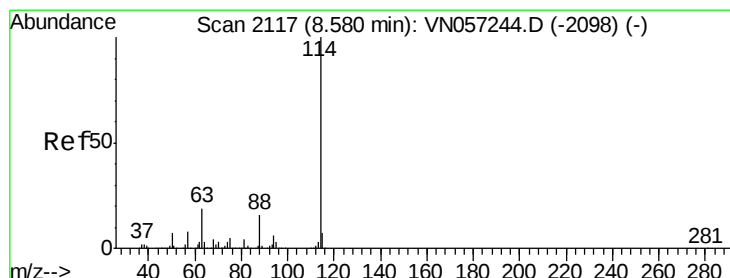
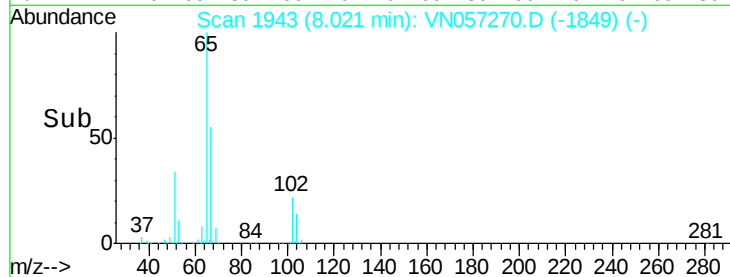
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

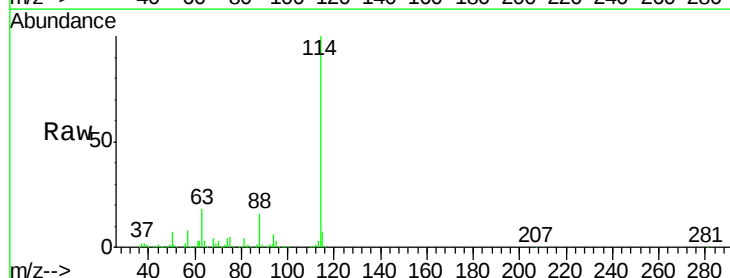
Tgt Ion: 114 Resp: 2013529

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.0

88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN057270.D (-2024) (-)

Ion 63.00 (62.70 to 63.70): VN057270.D (-2024) (-)

Ion 87.90 (87.60 to 88.60): VN057270.D (-2024) (-)

8.58

1200000

1000000

800000

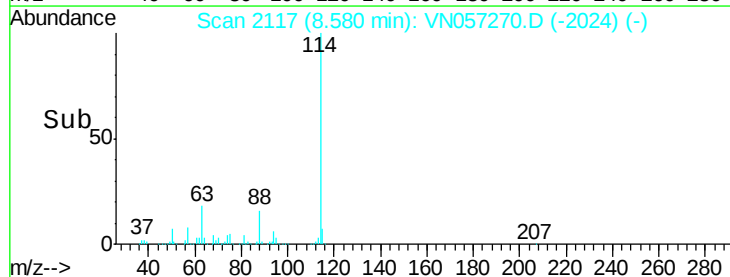
600000

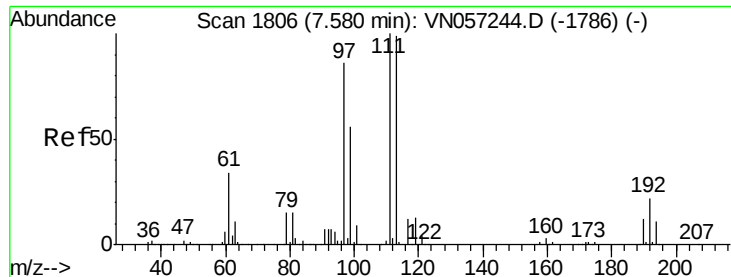
400000

200000

0

Time-->

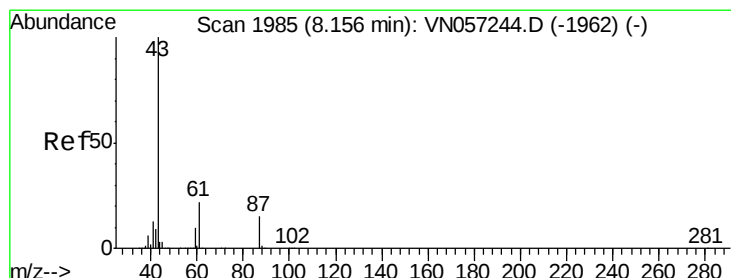
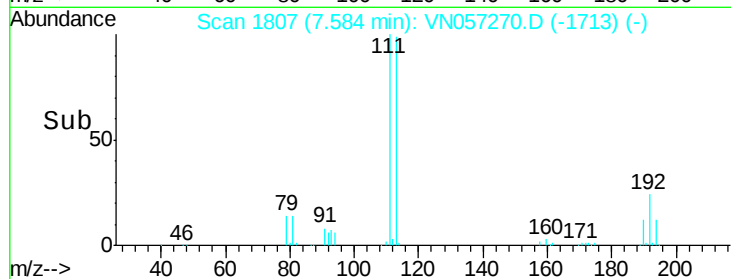
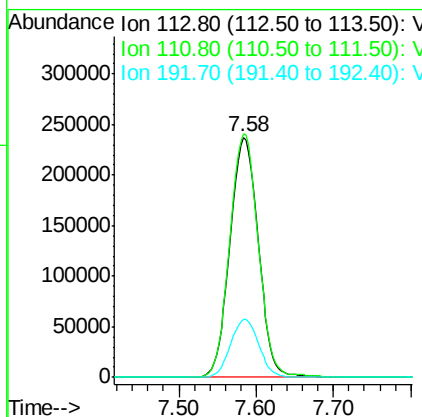
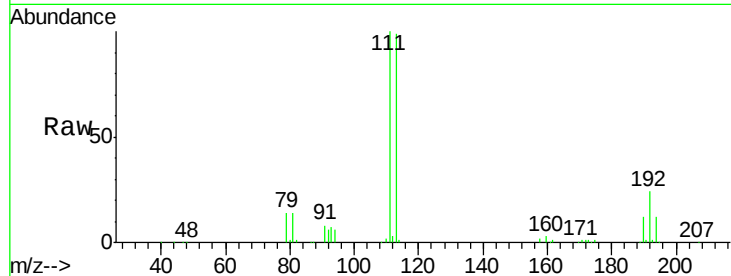




#35
 Dibromofluoromethane
 Concen: 47.034 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057270.D
 Acq: 14 Aug 2019 1:05

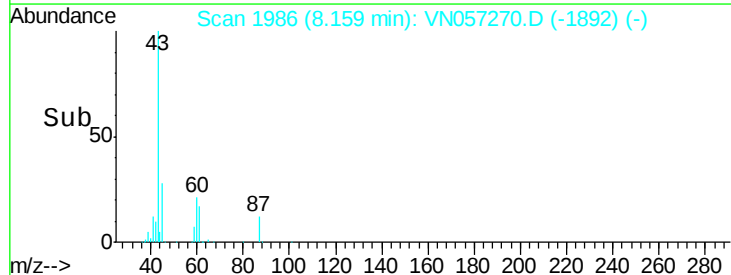
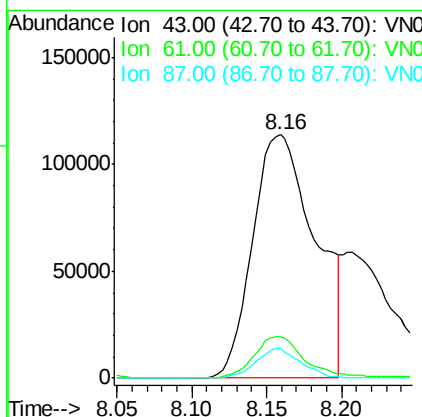
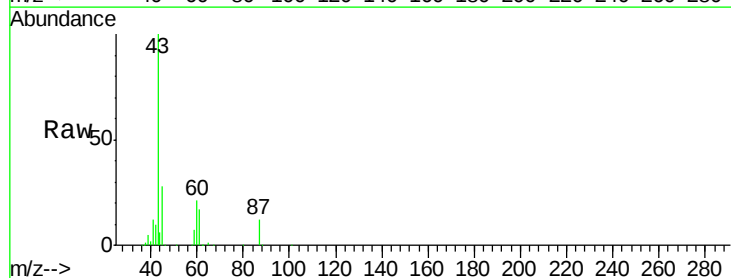
Instrument :
 MSVOA_N
 ClientSampleId :
 R1-R2-C3-(4.3)

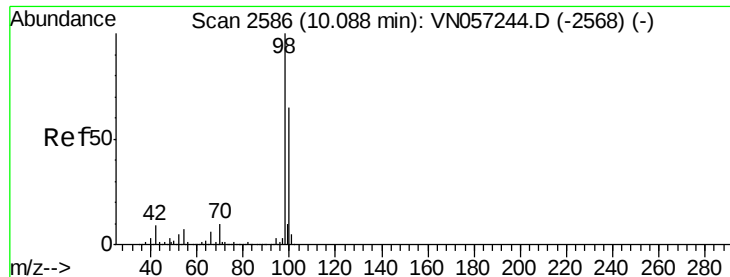
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.2
192	24.0	18.8	28.2



#43
 Isopropyl Acetate
 Concen: 14.195 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN057270.D
 Acq: 14 Aug 2019 1:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	23.5	35.3#
87	8.7	12.1	18.1#





#50

Toluene-d8

Concen: 50.131 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

Instrument :

MSVOA_N

ClientSampleId :

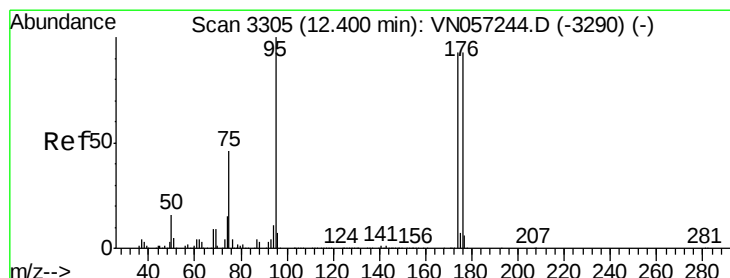
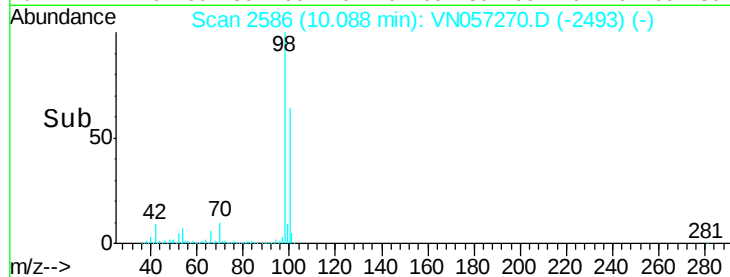
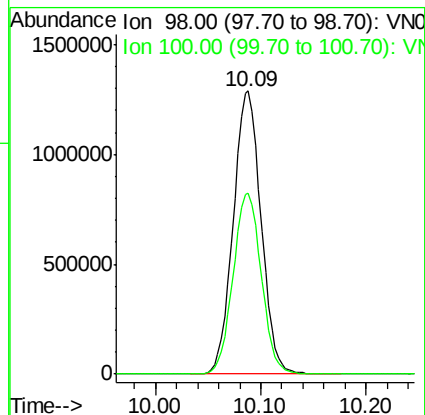
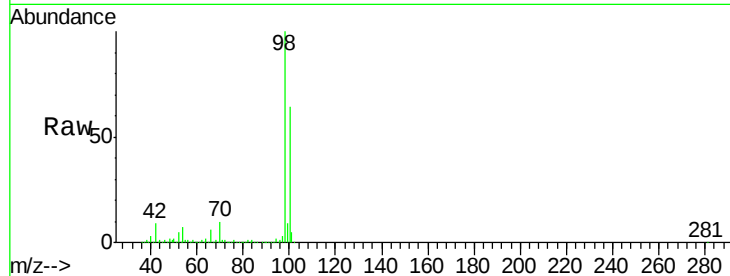
R1-R2-C3-(4.3)

Tot Ion: 98 Resp: 2350800

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 38.507 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057270.D

Acq: 14 Aug 2019 1:05

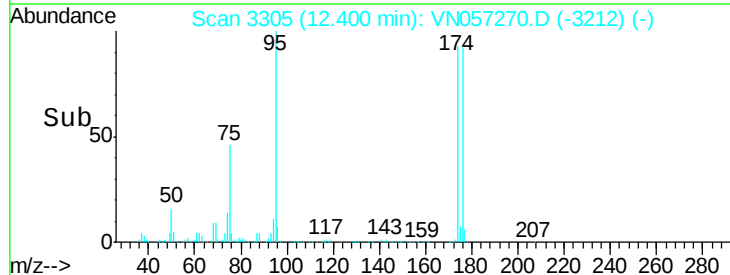
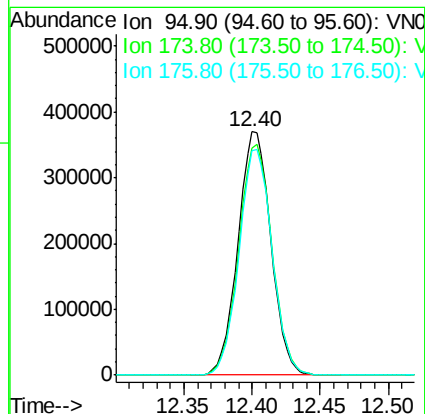
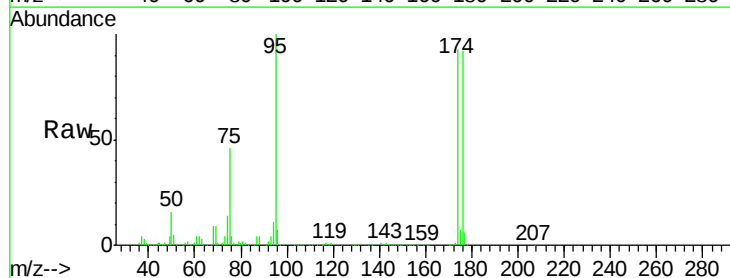
Tgt Ion: 95 Resp: 619268

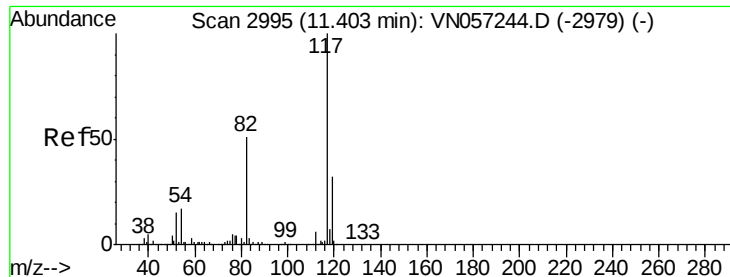
Ion Ratio Lower Upper

95 100

174 96.0 0.0 187.6

176 93.2 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: VN057270.D

Acq: 14 Aug 2019 1:05

Instrument :

MSVOA_N

ClientSampleId :

R1-R2-C3-(4.3)

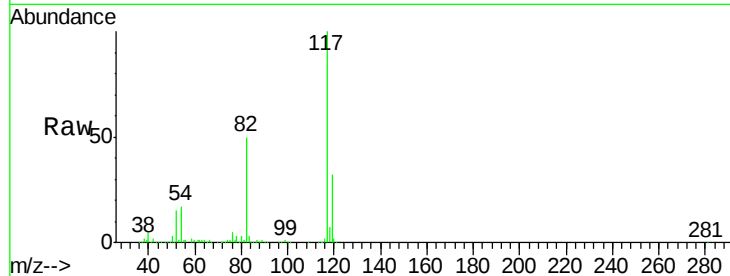
Tot Ion:117 Resp: 1683973

Ion Ratio Lower Upper

117 100

82 49.5 40.9 61.3

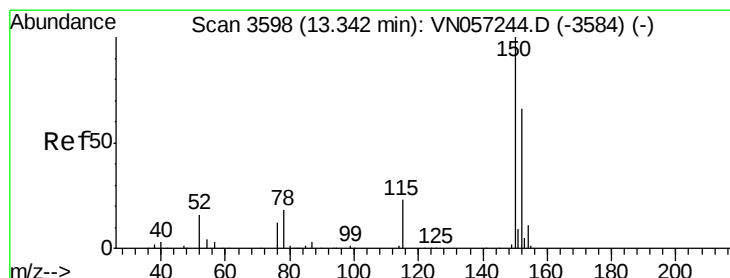
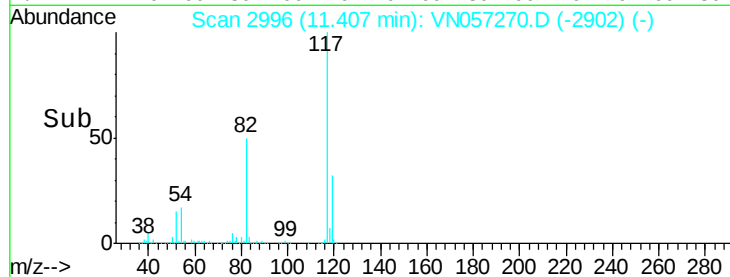
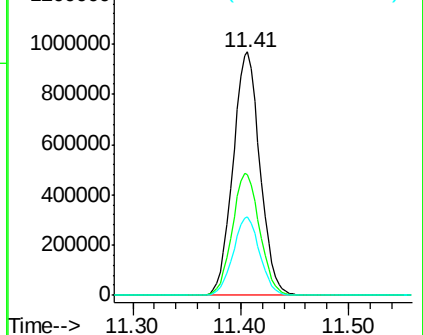
119 32.1 25.4 38.2



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: VN057270.D

Acq: 14 Aug 2019 1:05

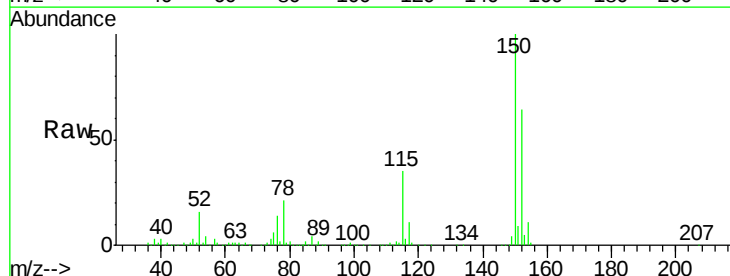
Tgt Ion:152 Resp: 440405

Ion Ratio Lower Upper

152 100

115 55.5 27.6 82.8

150 155.6 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

