

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081819\
 Data File : VN057370.D
 Acq On : 16 Aug 2019 22:01
 Operator : JC/SP
 Sample : K4356-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Aug 17 04:19:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

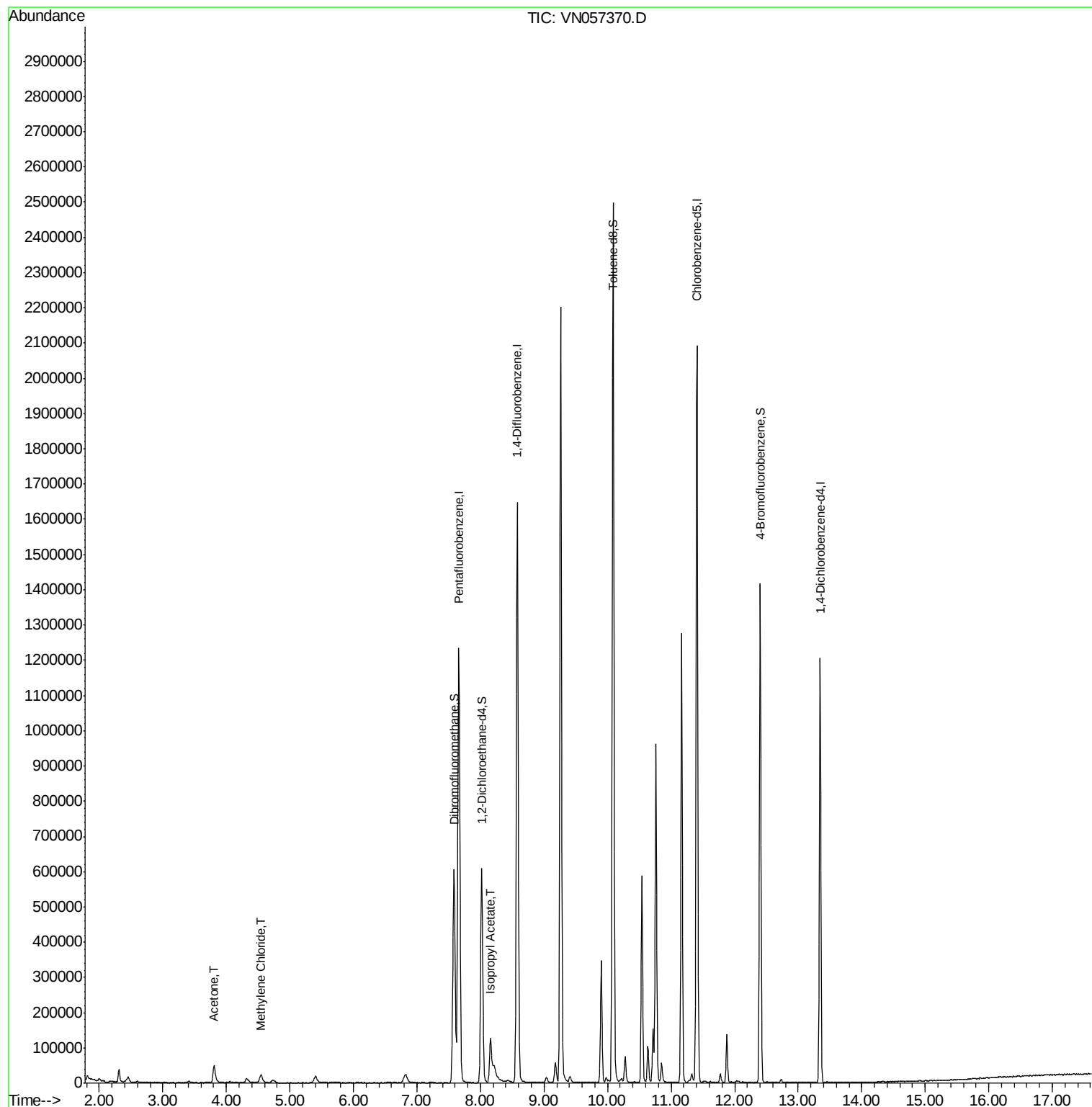
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1134181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1587127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1347845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	354587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	528079	42.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.66%	
35) Dibromofluoromethane	7.58	113	472033	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
50) Toluene-d8	10.09	98	1848025	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.40	95	495661	36.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.72%	
Target Compounds						
16) Acetone	3.81	43	78399	18.330	ug/l	98
20) Methylene Chloride	4.55	84	17869	1.493	ug/l	92
43) Isopropyl Acetate	8.16	43	152595	6.284	ug/l #	90

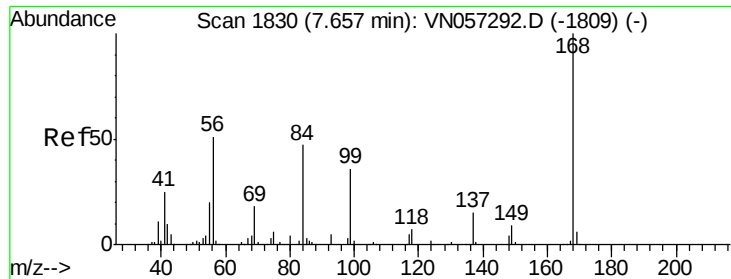
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampleId :

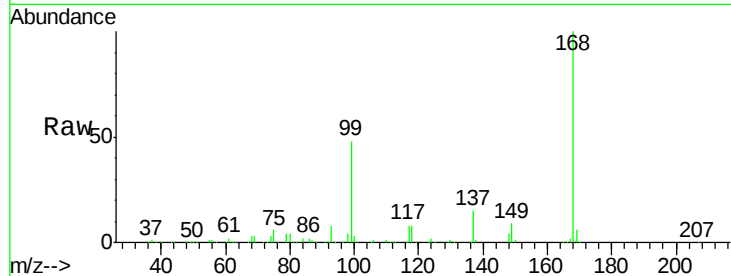
TP-1

Tot Ion:168 Resp: 1134181

Ion Ratio Lower Upper

168 100

99 47.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

500000

400000

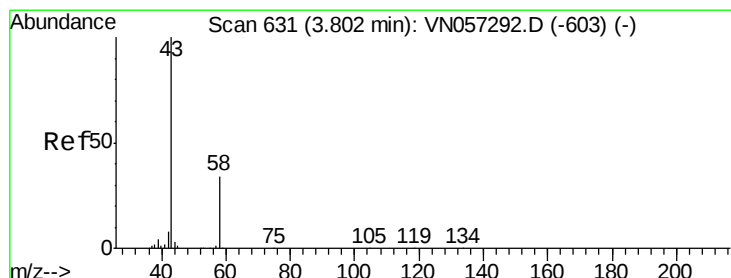
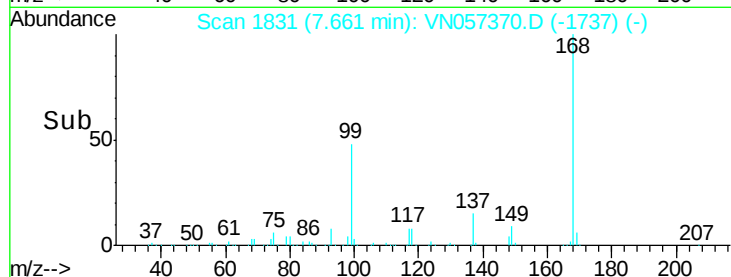
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 18.330 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN057370.D

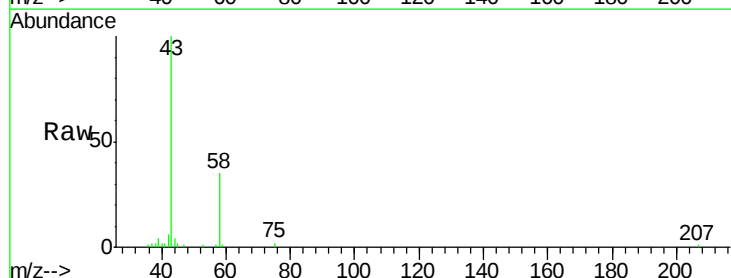
Acq: 16 Aug 2019 22:01

Tgt Ion: 43 Resp: 78399

Ion Ratio Lower Upper

43 100

58 35.1 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

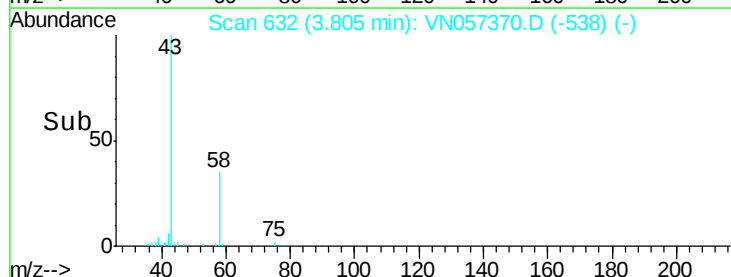
30000

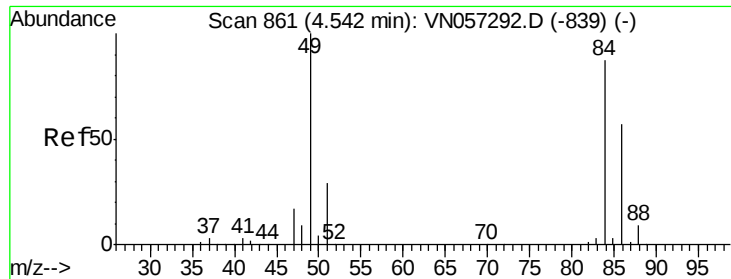
20000

10000

0

Time-->

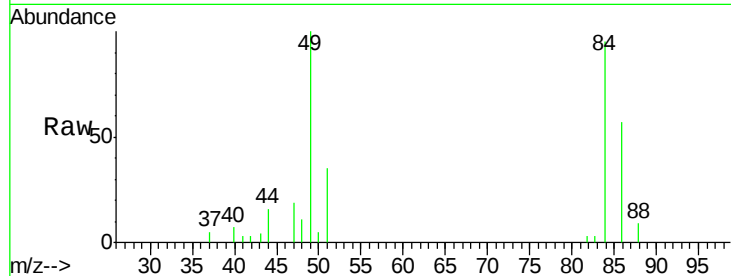




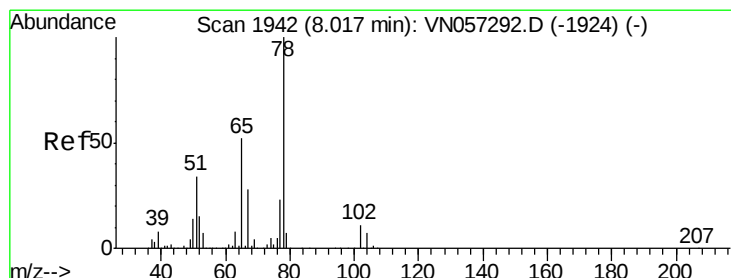
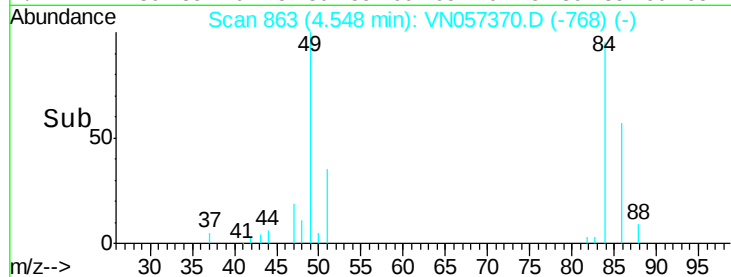
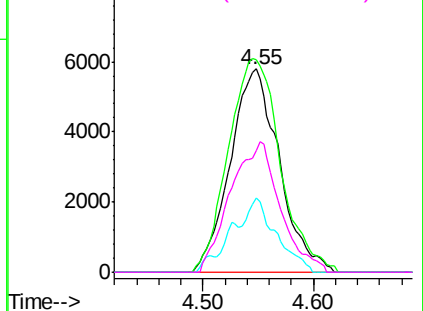
#20
Methvlene Chloride
Concen: 1.493 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057370.D
Acq: 16 Aug 2019 22:01

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tot Ion:	84	Resp:	17869
Ion	Ratio	Lower	Upper
84	100		
49	104.7	92.0	138.0
51	36.4	27.1	40.7
86	59.9	52.2	78.2

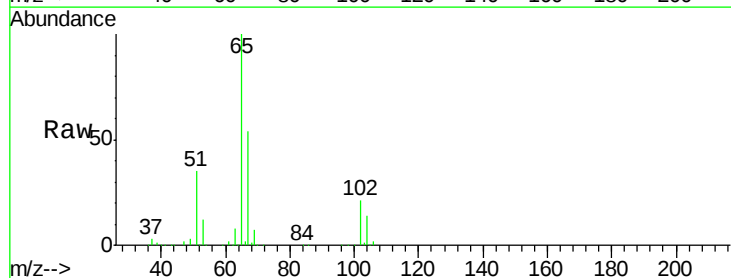


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

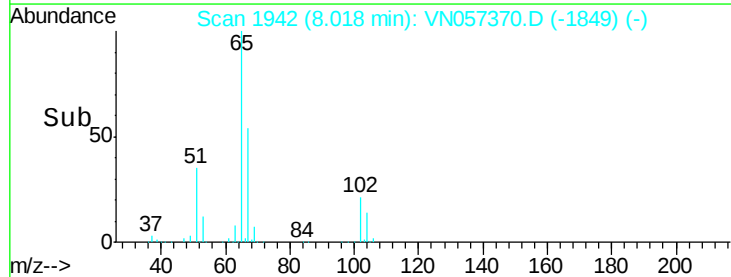
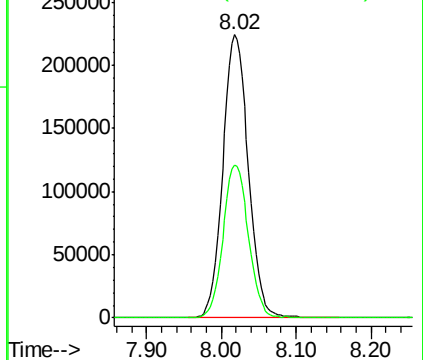


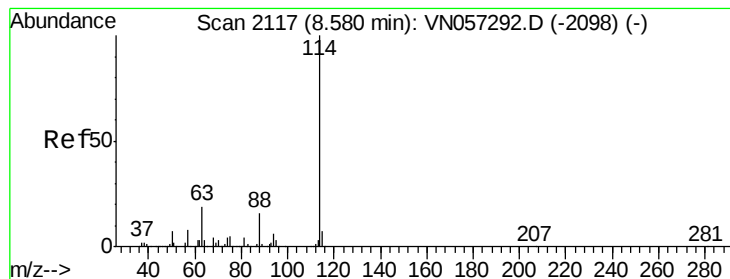
#33
1,2-Dichloroethane-d4
Concen: 42.830 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057370.D
Acq: 16 Aug 2019 22:01

Tgt Ion:	65	Resp:	528079
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.4



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: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampled :

TP-1

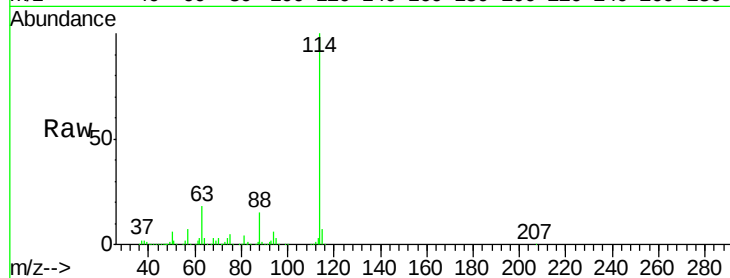
Tot Ion:114 Resp: 1587127

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.8

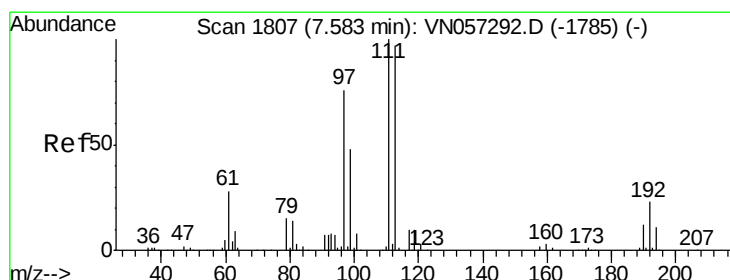
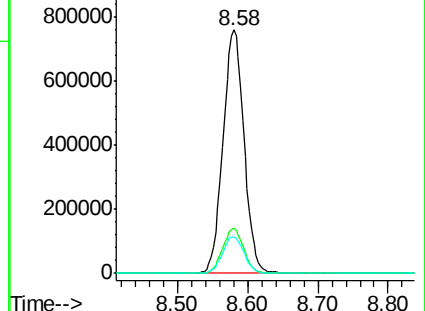
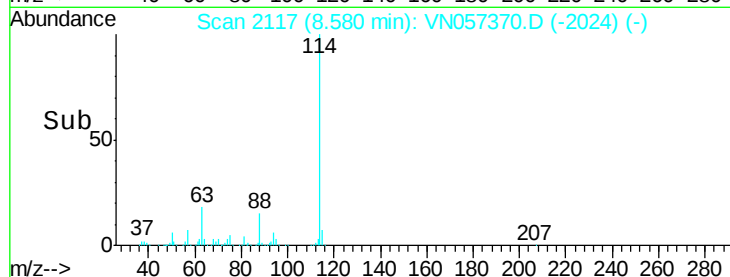
88 15.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.371 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

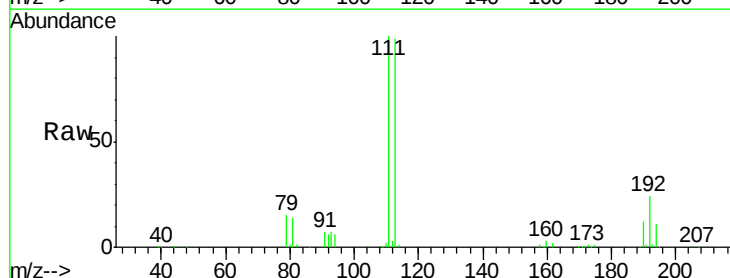
Tgt Ion:113 Resp: 472033

Ion Ratio Lower Upper

113 100

111 103.3 82.1 123.1

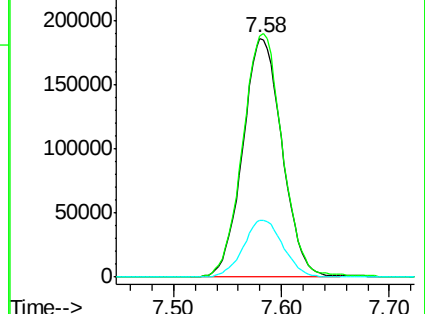
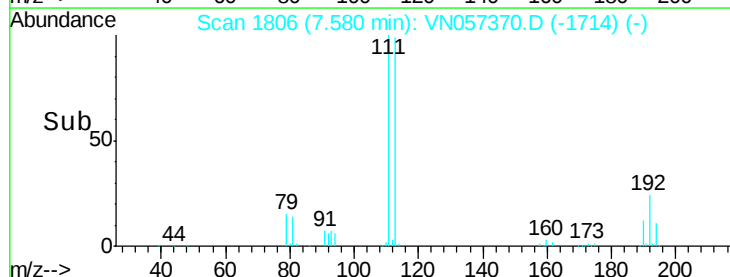
192 24.1 19.3 28.9

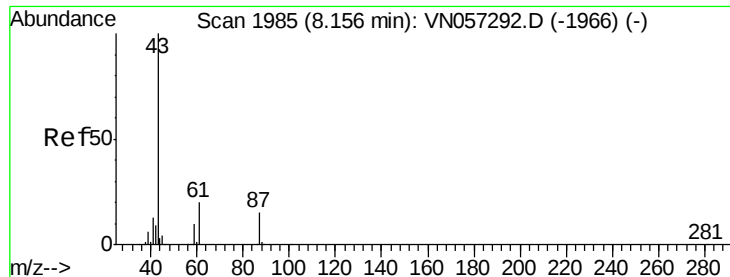


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.284 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampleId :

TP-1

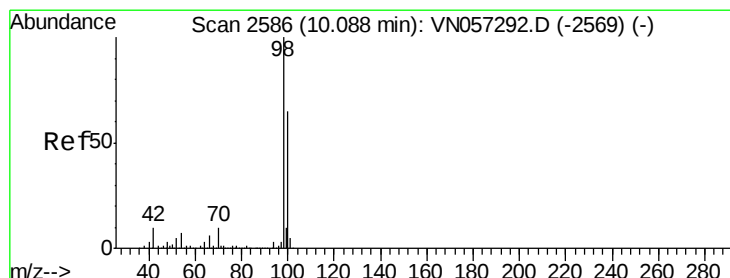
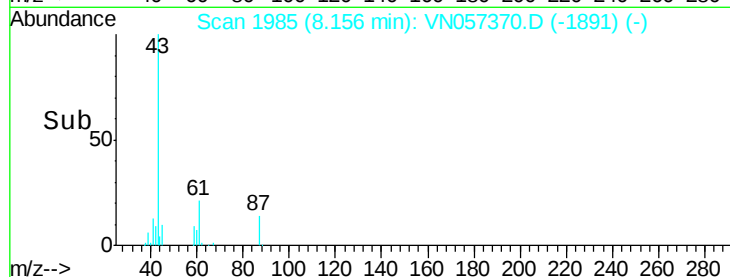
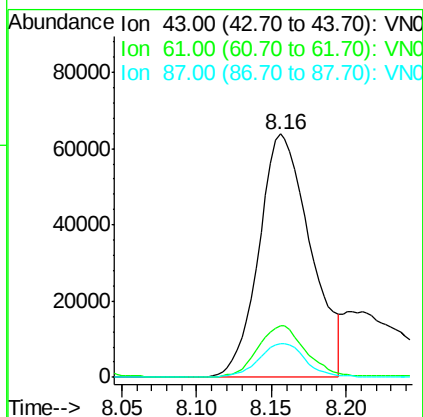
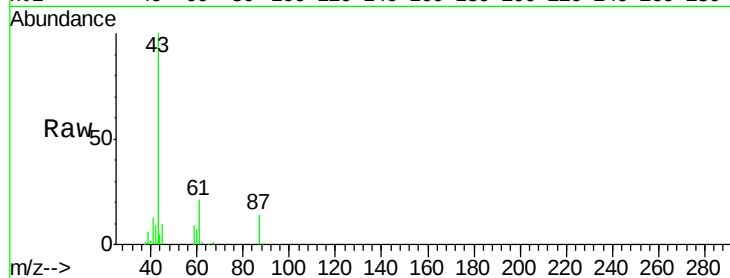
Tot Ion: 43 Resp: 152595

Ion Ratio Lower Upper

43 100

61 20.1 21.6 32.4#

87 12.7 11.4 17.0



#50

Toluene-d8

Concen: 48.565 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057370.D

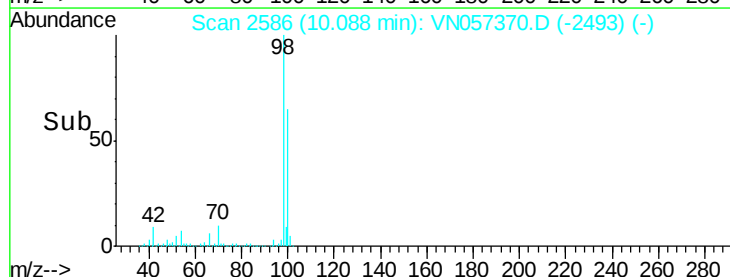
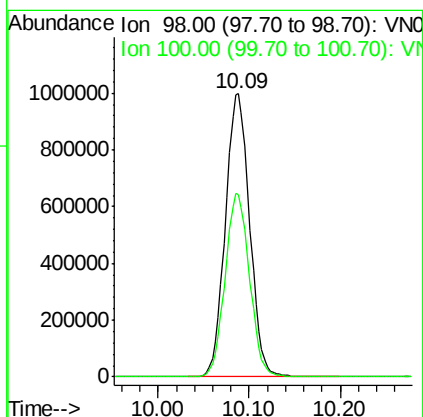
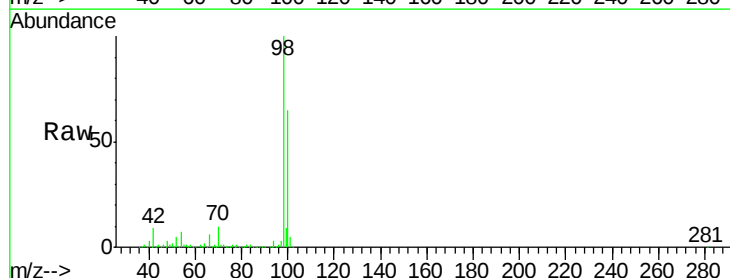
Acq: 16 Aug 2019 22:01

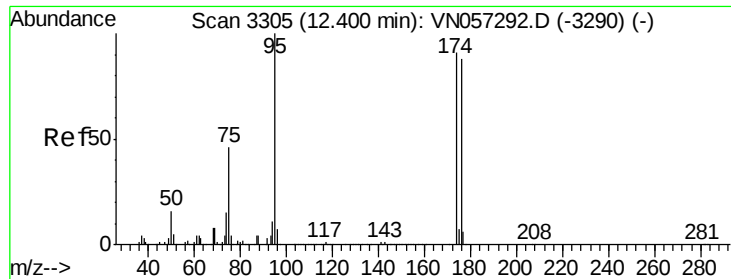
Tgt Ion: 98 Resp: 1848025

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 36.859 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampleId :

TP-1

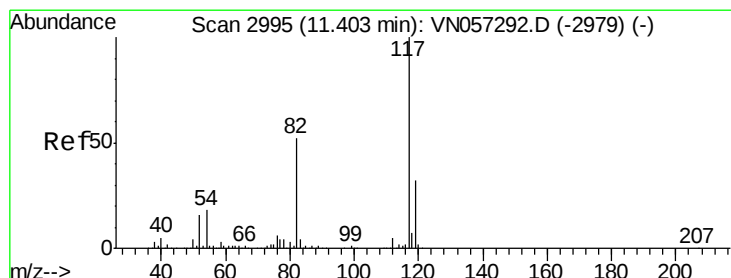
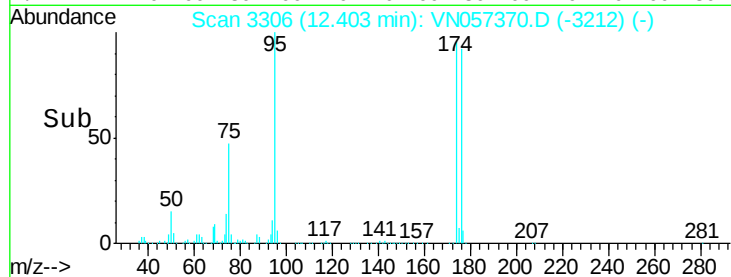
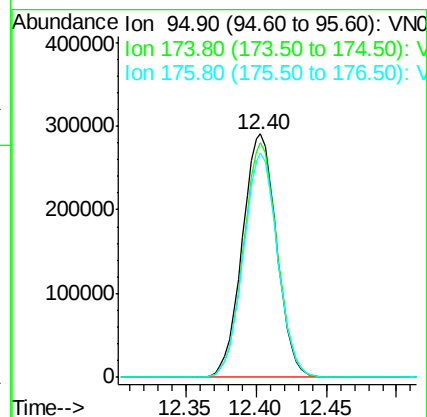
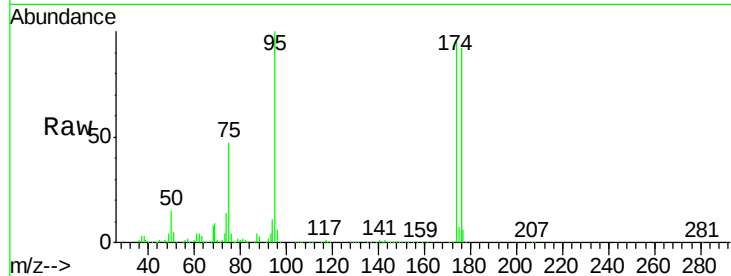
Tot Ion: 95 Resp: 495661

Ion Ratio Lower Upper

95 100

174 95.0 0.0 185.0

176 91.9 0.0 181.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

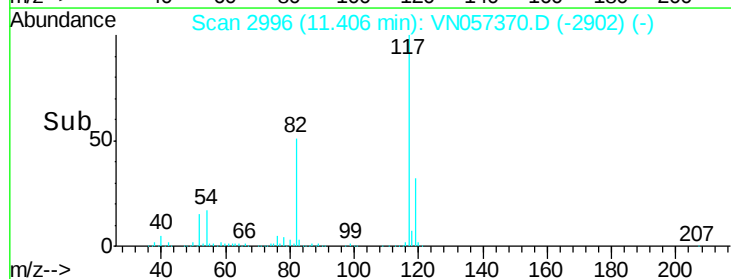
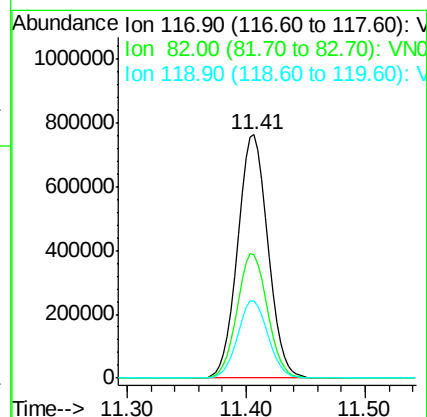
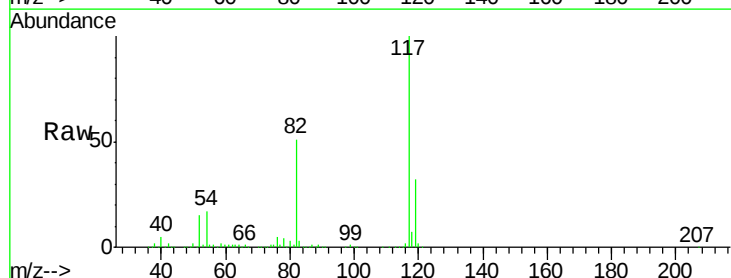
Tgt Ion: 117 Resp: 1347845

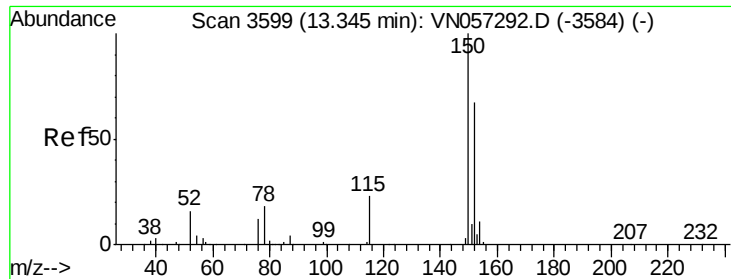
Ion Ratio Lower Upper

117 100

82 50.7 41.2 61.8

119 31.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057370.D

Acq: 16 Aug 2019 22:01

Instrument :

MSVOA_N

ClientSampleId :

TP-1

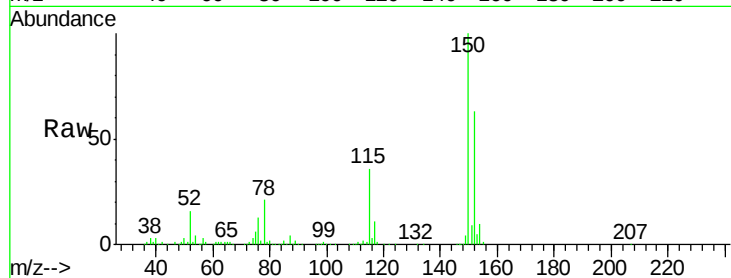
Tot Ion:152 Resp: 354587

Ion Ratio Lower Upper

152 100

115 56.5 27.3 81.9

150 155.6 0.0 344.4



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

