

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057402.D
 Acq On : 19 Aug 2019 15:56
 Operator : JC/SP
 Sample : K4339-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-B1-(4)

Quant Time: Aug 20 08:23:01 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

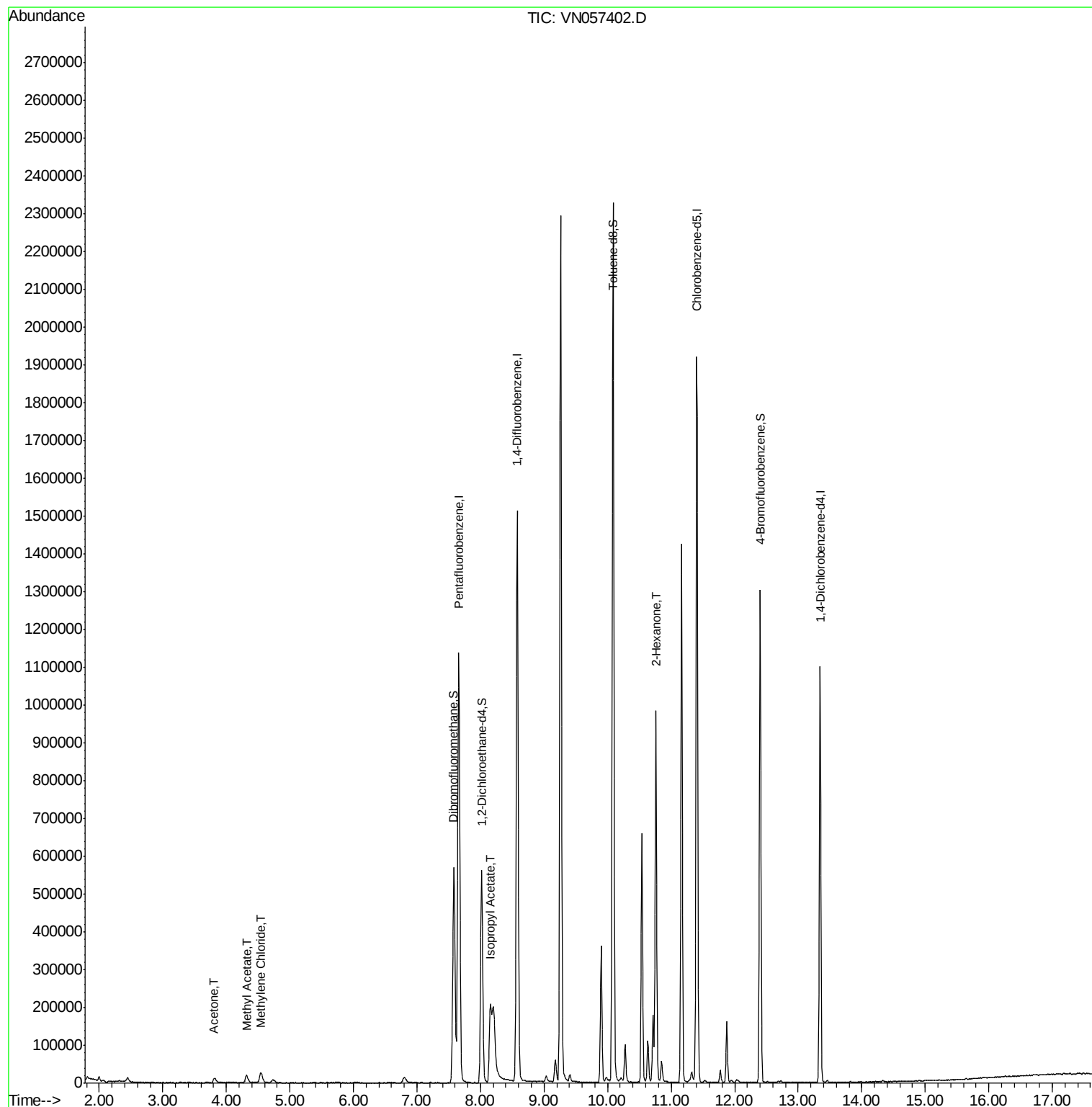
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1057558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1466145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1230930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	324758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	491475	42.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.50%	
35) Dibromofluoromethane	7.58	113	438396	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
50) Toluene-d8	10.09	98	1684407	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	12.40	95	452789	36.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.90%	
Target Compounds						
16) Acetone	3.81	43	17777	4.457	ug/l	94
18) Methyl Acetate	4.32	43	39860	1.388	ug/l	94
20) Methylene Chloride	4.54	84	22855	2.048	ug/l	92
43) Isopropyl Acetate	8.16	43	236055	11.301	ug/l #	81
59) 2-Hexanone	10.76	43	138288	17.586	ug/l #	50

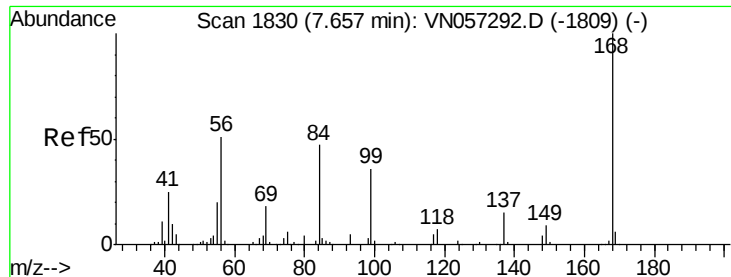
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081919\
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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057402.D

Acq: 19 Aug 2019 15:56

Instrument :

MSVOA_N

ClientSampled :

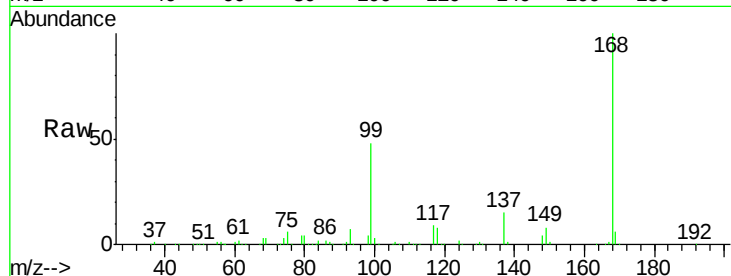
T8-B1-(4)

Tot Ion:168 Resp: 1057558

Ion Ratio Lower Upper

168 100

99 47.6 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

400000

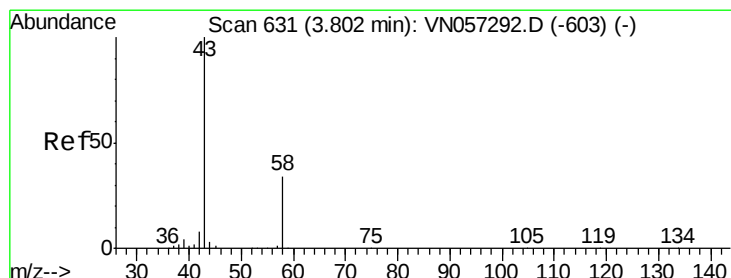
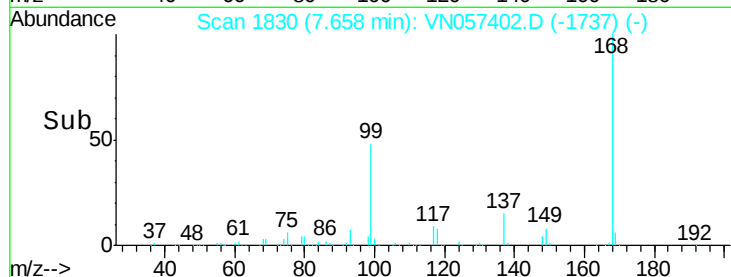
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 4.457 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN057402.D

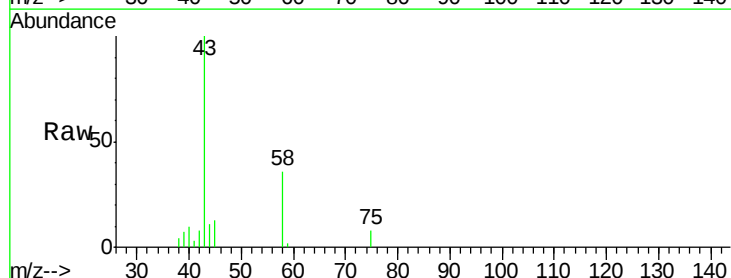
Acq: 19 Aug 2019 15:56

Tgt Ion: 43 Resp: 17777

Ion Ratio Lower Upper

43 100

58 37.1 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

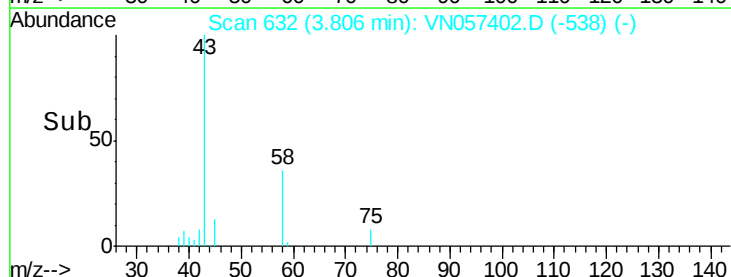
6000

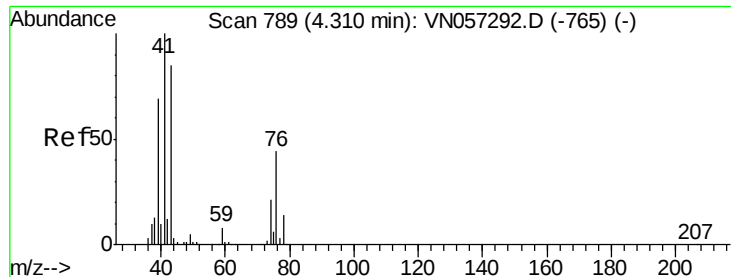
4000

2000

0

Time--> 3.70 3.80 3.90

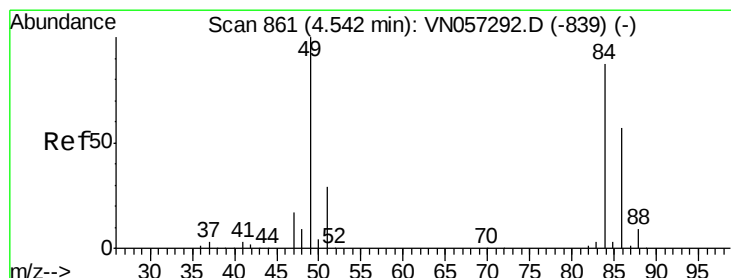
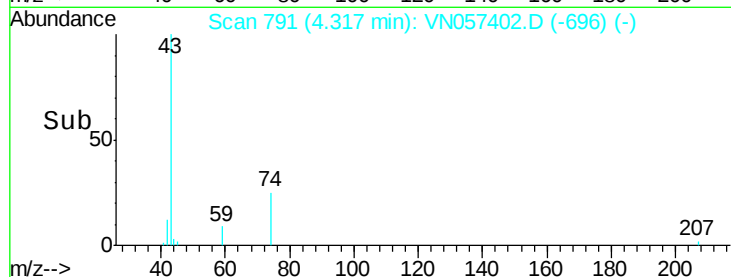
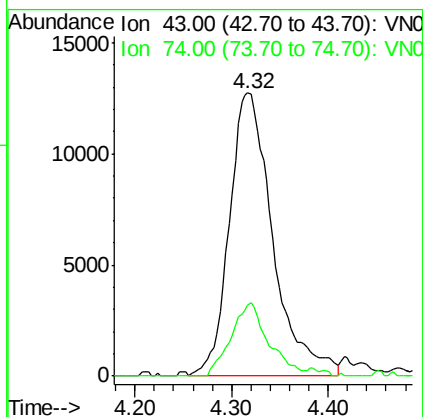
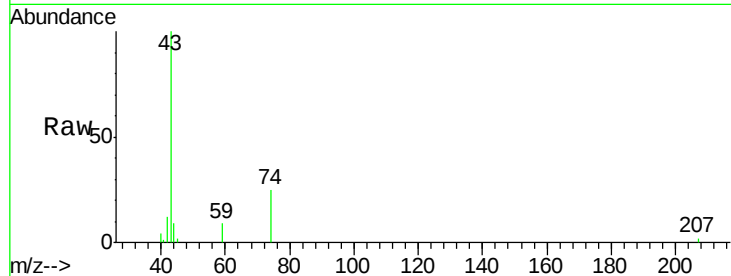




#18
Methyl Acetate
Concen: 1.388 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN057402.D
Acq: 19 Aug 2019 15:56

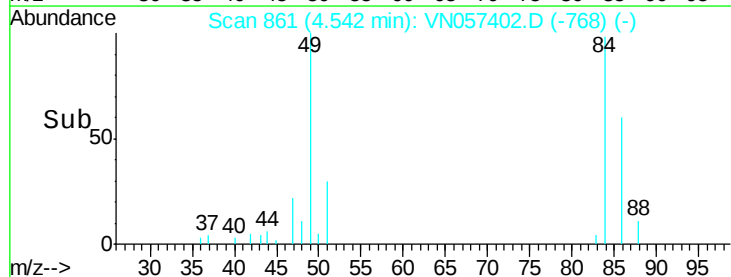
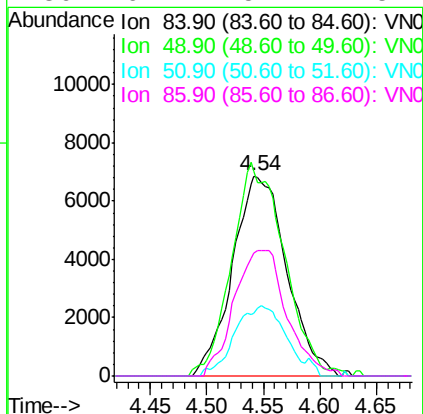
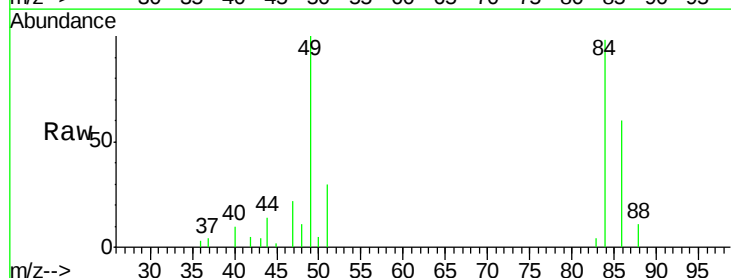
Instrument :
MSVOA_N
ClientSampled :
T8-B1-(4)

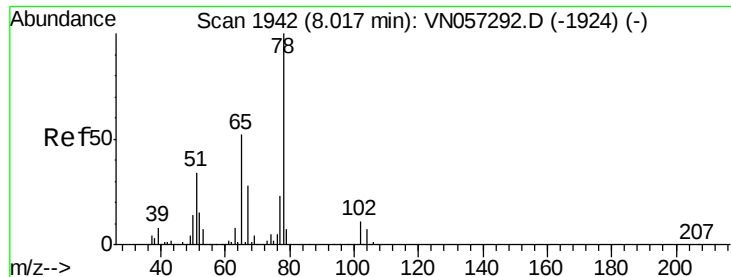
Tot Ion: 43 Resp: 39860
Ion Ratio Lower Upper
43 100
74 22.2 20.2 30.2



#20
Methylene Chloride
Concen: 2.048 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN057402.D
Acq: 19 Aug 2019 15:56

Tgt Ion: 84 Resp: 22855
Ion Ratio Lower Upper
84 100
49 102.2 92.0 138.0
51 31.1 27.1 40.7
86 61.7 52.2 78.2





#33

1,2-Dichloroethane-d4

Concen: 42.749 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057402.D

Acq: 19 Aug 2019 15:56

Instrument :

MSVOA_N

ClientSampleId :

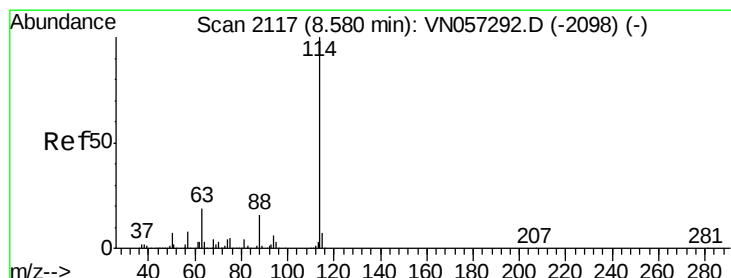
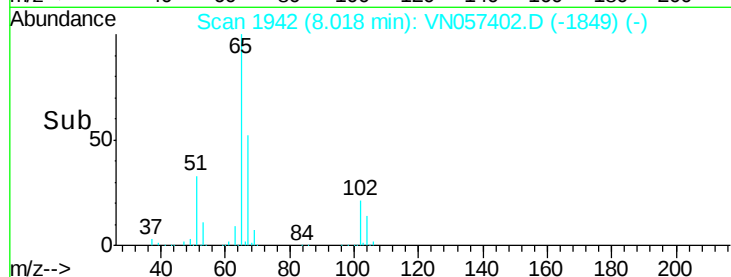
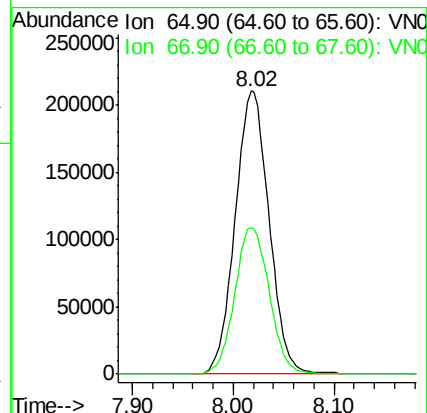
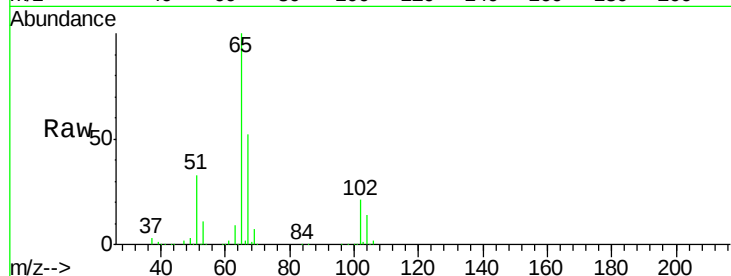
T8-B1-(4)

Tot Ion: 65 Resp: 491475

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057402.D

Acq: 19 Aug 2019 15:56

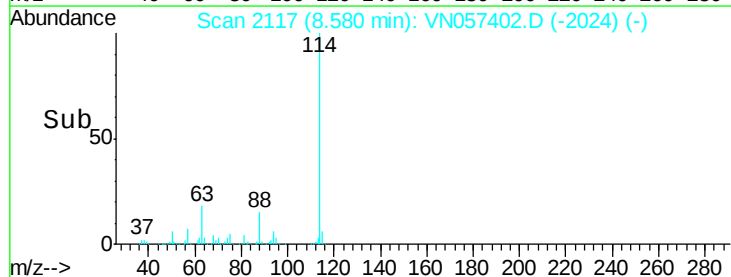
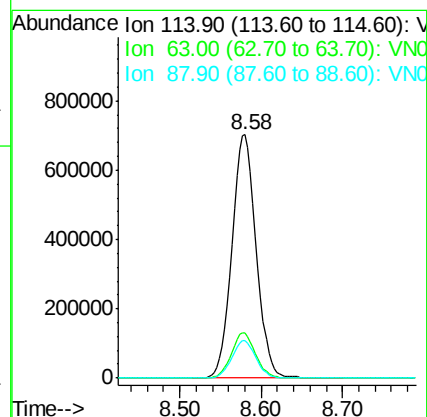
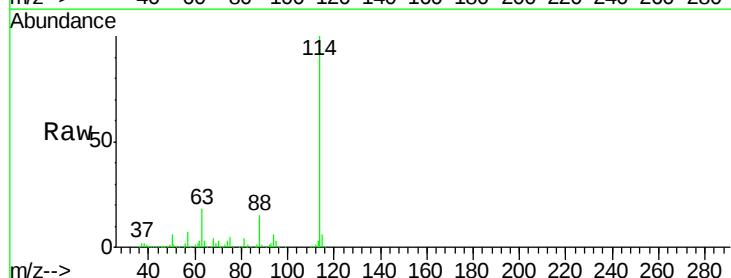
Tgt Ion: 114 Resp: 1466145

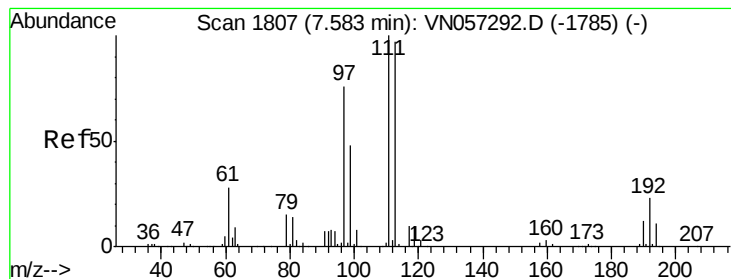
Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.8

88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.615 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN057402.D

Acq: 19 Aug 2019 15:56

Instrument :

MSVOA_N

ClientSampleId :

T8-B1-(4)

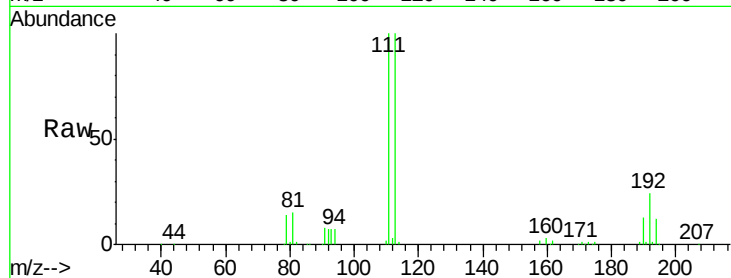
Tot Ion:113 Resp: 438396

Ion Ratio Lower Upper

113 100

111 100.8 82.1 123.1

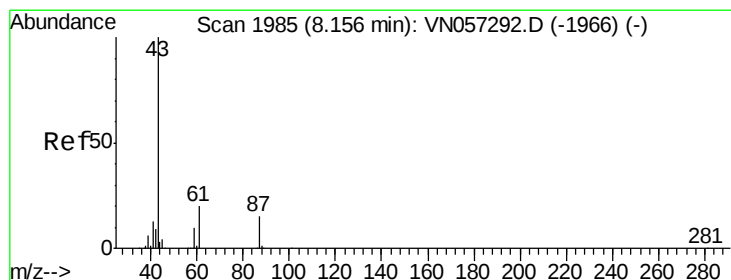
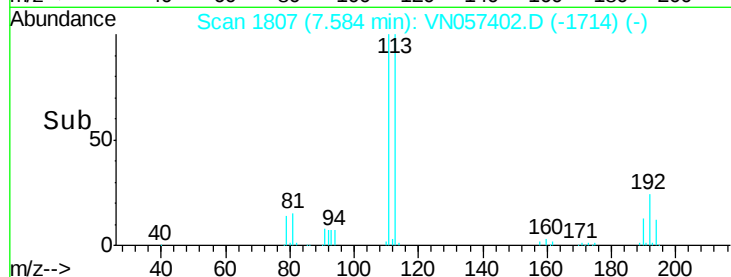
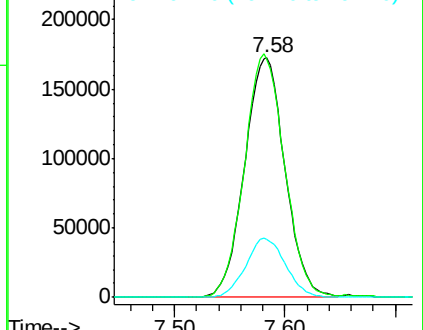
192 24.4 19.3 28.9



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: 11.301 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057402.D

Acq: 19 Aug 2019 15:56

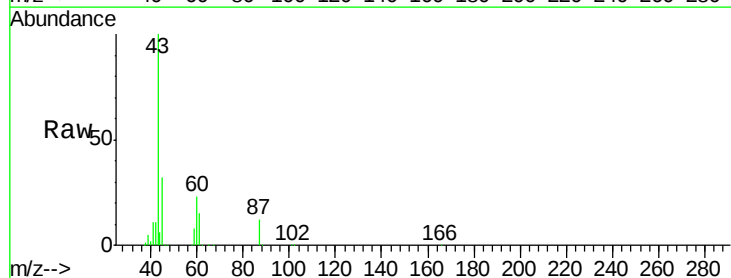
Tgt Ion: 43 Resp: 236055

Ion Ratio Lower Upper

43 100

61 15.2 21.6 32.4#

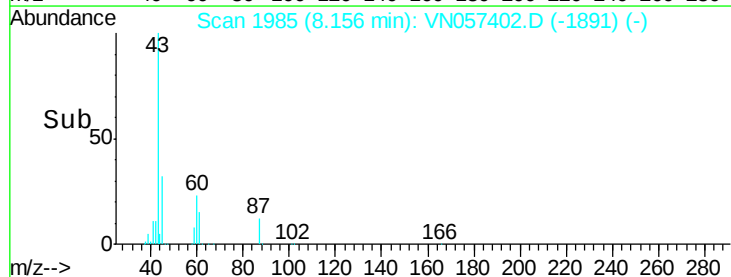
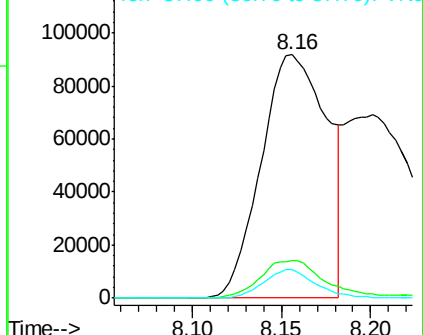
87 9.3 11.4 17.0#

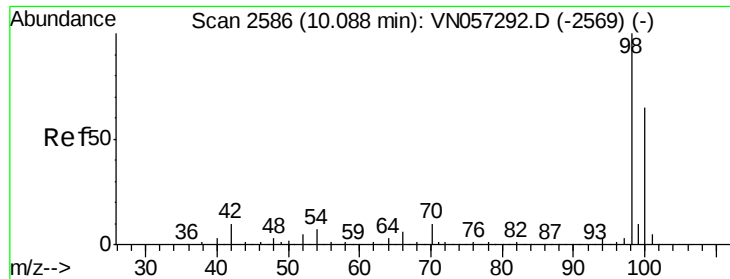


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 47.918 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057402.D

Acq: 19 Aug 2019 15:56

Instrument :

MSVOA_N

ClientSampled :

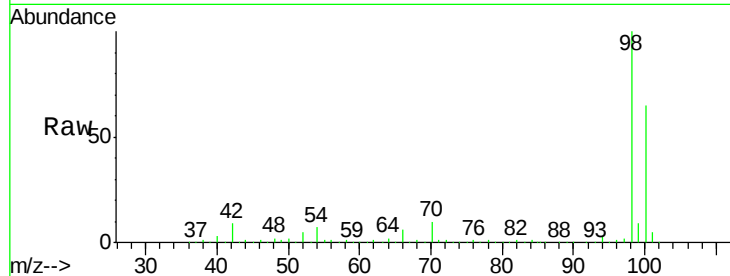
T8-B1-(4)

Tot Ion: 98 Resp: 1684407

Ion Ratio Lower Upper

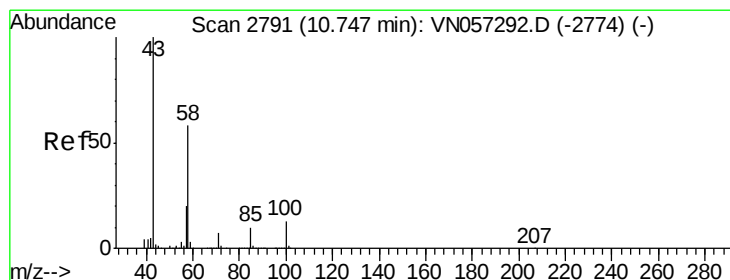
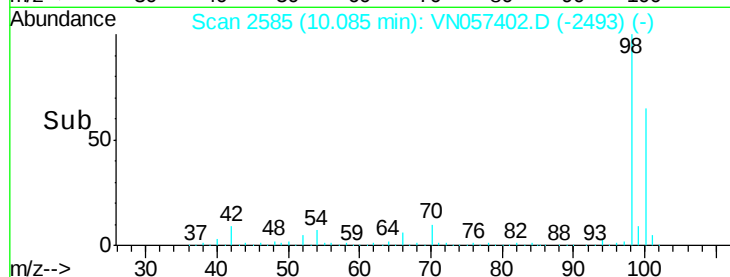
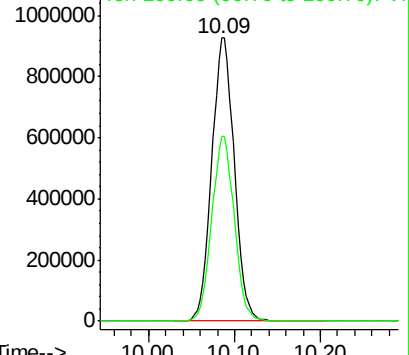
98 100

100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#59

2-Hexanone

Concen: 17.586 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057402.D

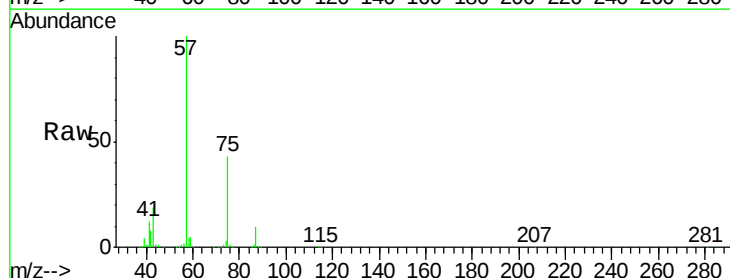
Acq: 19 Aug 2019 15:56

Tgt Ion: 43 Resp: 138288

Ion Ratio Lower Upper

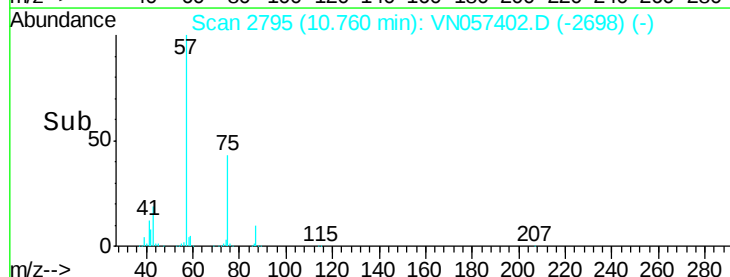
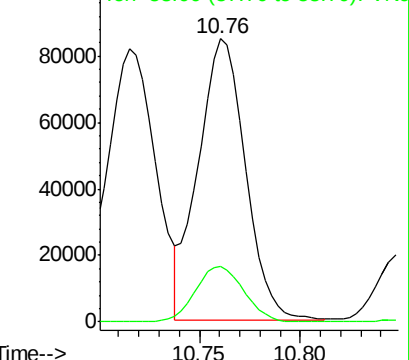
43 100

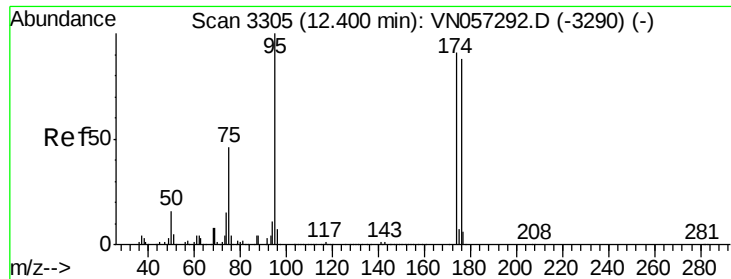
58 20.2 28.6 85.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

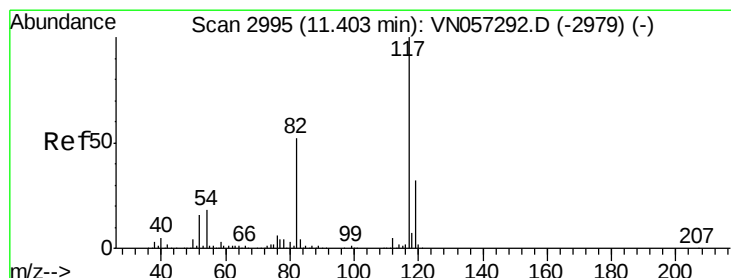
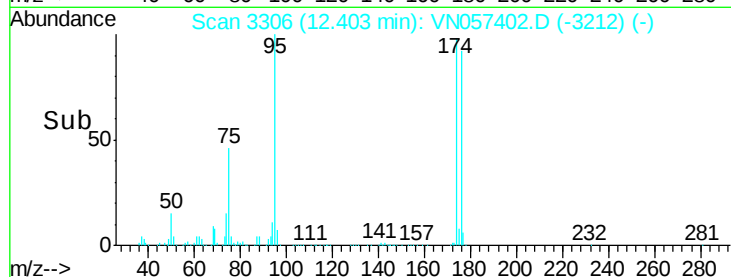
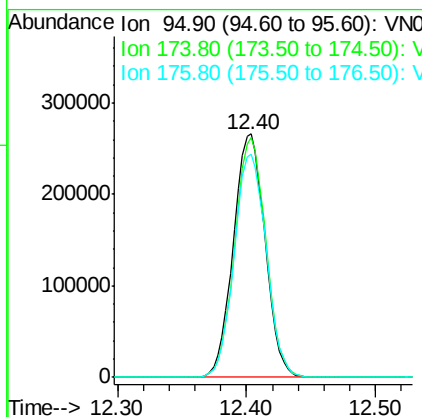
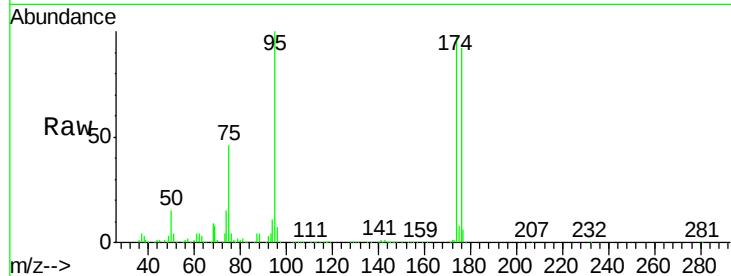




#62
4-Bromofluorobenzene
Concen: 36.449 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057402.D
Acq: 19 Aug 2019 15:56

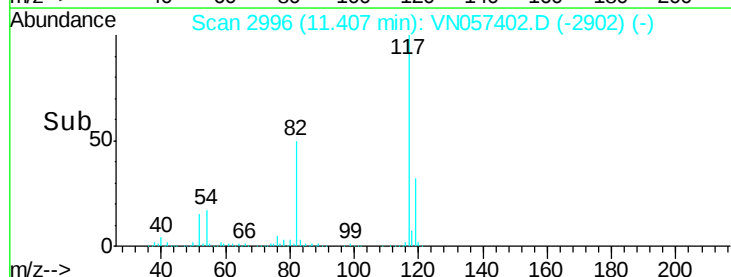
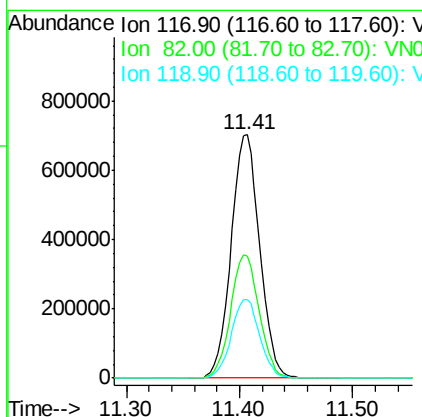
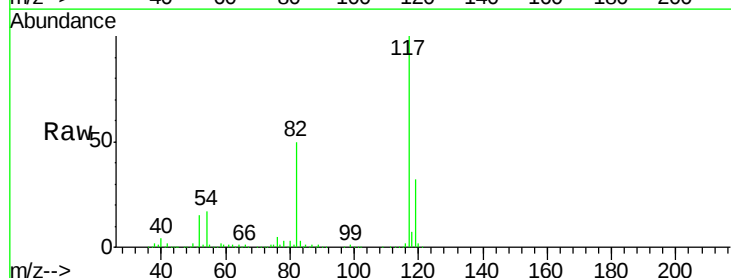
Instrument :
MSVOA_N
ClientSampleId :
T8-B1-(4)

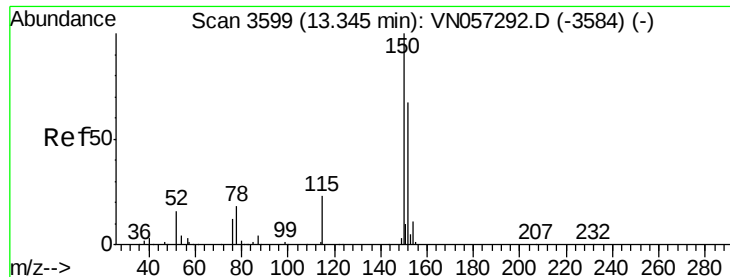
Tot Ion: 95 Resp: 452789
Ion Ratio Lower Upper
95 100
174 97.4 0.0 185.0
176 93.0 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057402.D
Acq: 19 Aug 2019 15:56

Tgt Ion: 117 Resp: 1230930
Ion Ratio Lower Upper
117 100
82 49.9 41.2 61.8
119 32.5 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: VN057402.D

Acq: 19 Aug 2019 15:56

Instrument :

MSVOA_N

ClientSampleId :

T8-B1-(4)

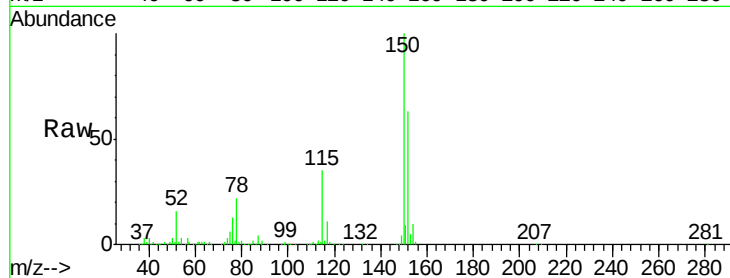
Tot Ion:152 Resp: 324758

Ion Ratio Lower Upper

152 100

115 55.1 27.3 81.9

150 158.6 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

