

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057394.D
 Acq On : 19 Aug 2019 12:42
 Operator : JC/SP
 Sample : K4339-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A2-(0)

Quant Time: Aug 20 07:59:26 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

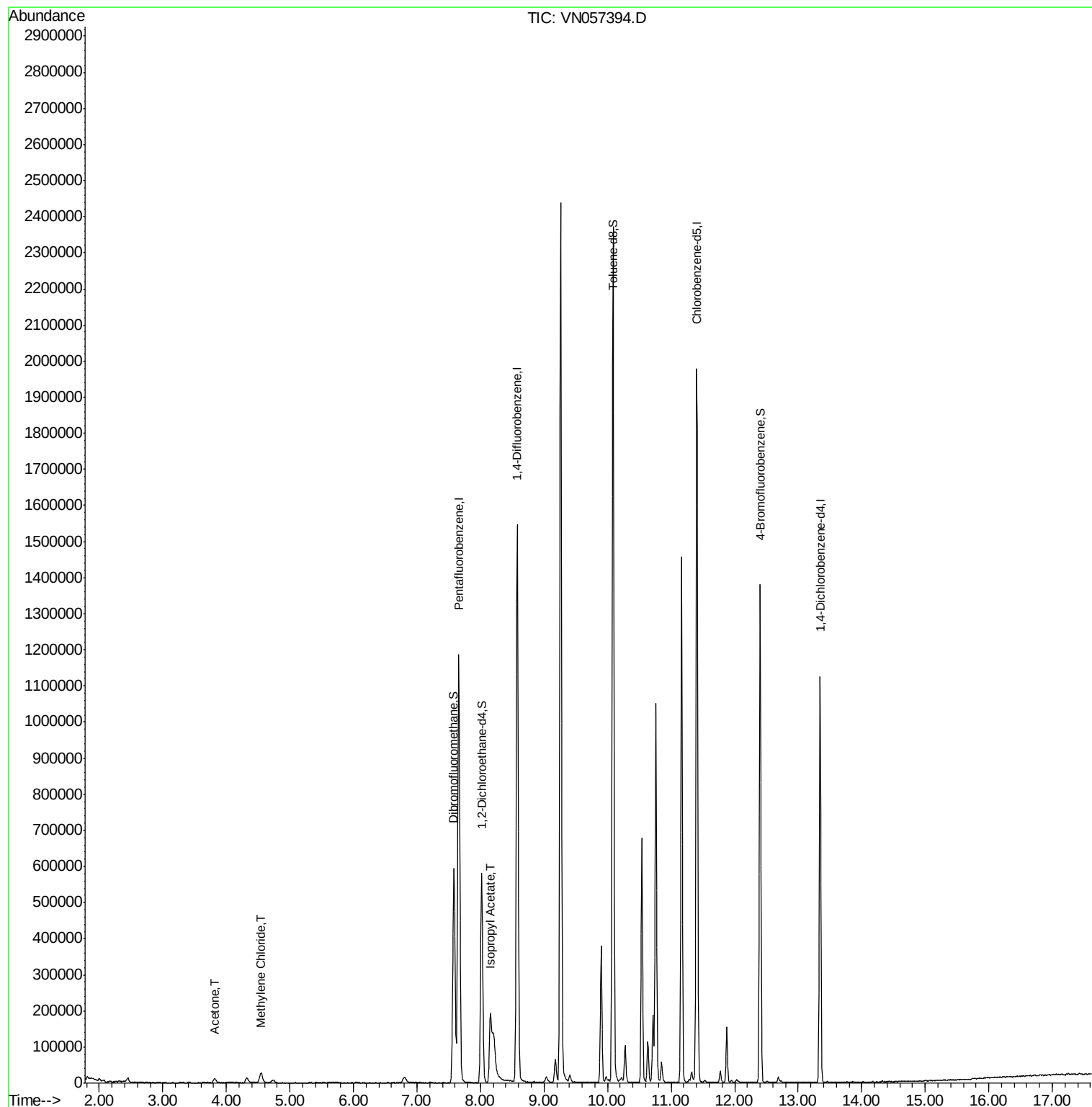
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1095590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1529955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1277085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	340152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	500411	42.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.04%	
35) Dibromofluoromethane	7.58	113	459389	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
50) Toluene-d8	10.08	98	1751775	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	12.40	95	471787	36.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.78%	
Target Compounds						
16) Acetone	3.81	43	17452	4.224	ug/l	100
20) Methylene Chloride	4.55	84	23635	2.045	ug/l	94
43) Isopropyl Acetate	8.16	43	231873	10.570	ug/l #	82

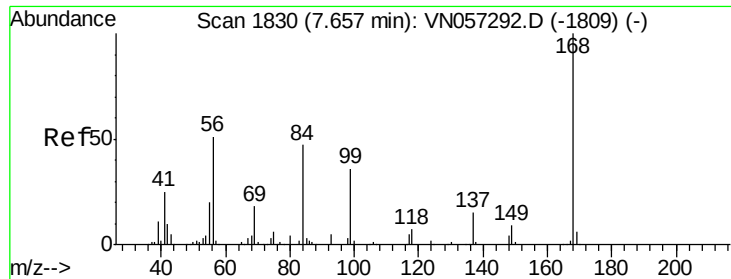
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057394.D

Acq: 19 Aug 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

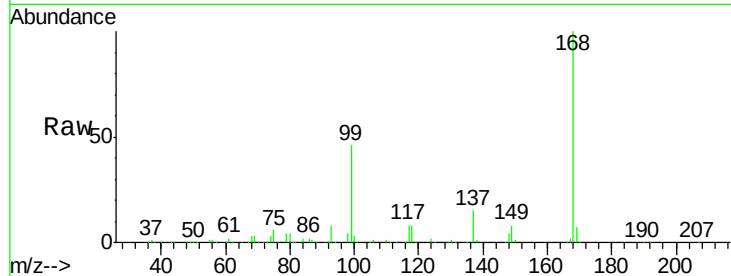
T8-A2-(0)

Tot Ion:168 Resp: 1095590

Ion Ratio Lower Upper

168 100

99 46.5 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

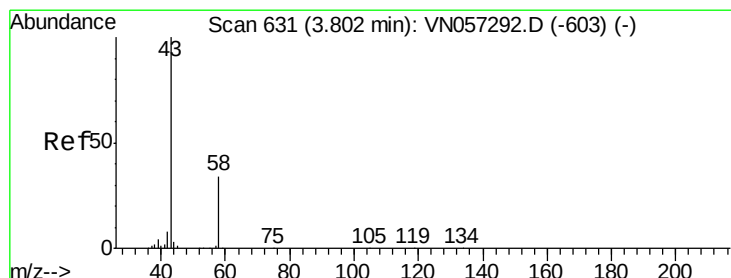
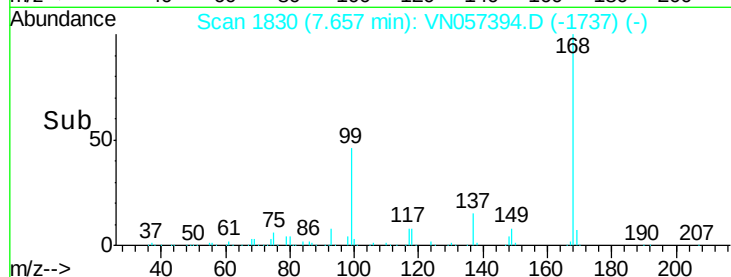
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.224 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057394.D

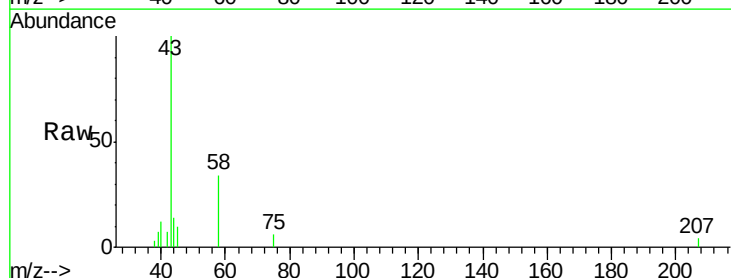
Acq: 19 Aug 2019 12:42

Tgt Ion: 43 Resp: 17452

Ion Ratio Lower Upper

43 100

58 33.6 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

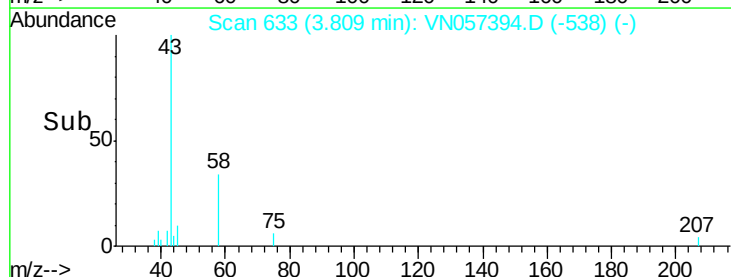
6000

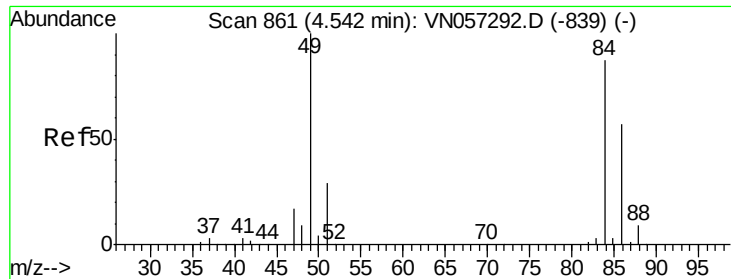
4000

2000

0

Time-->

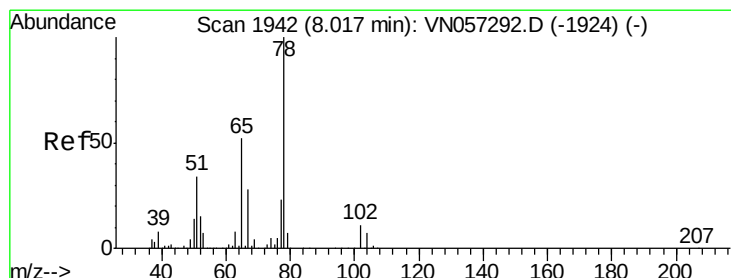
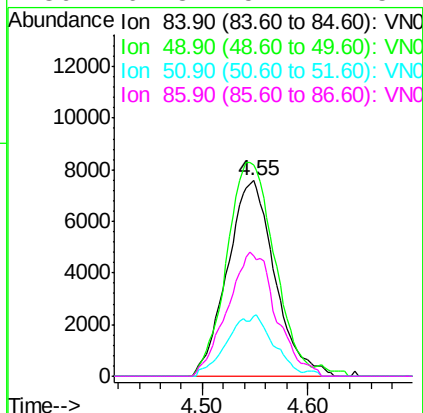
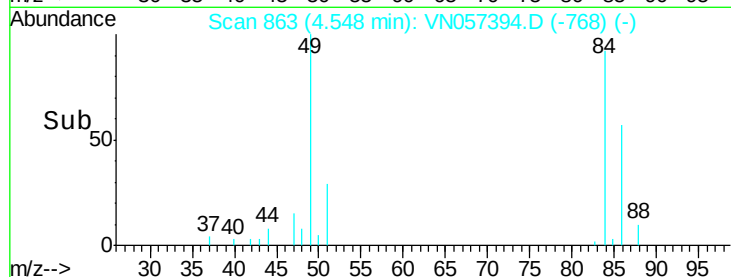
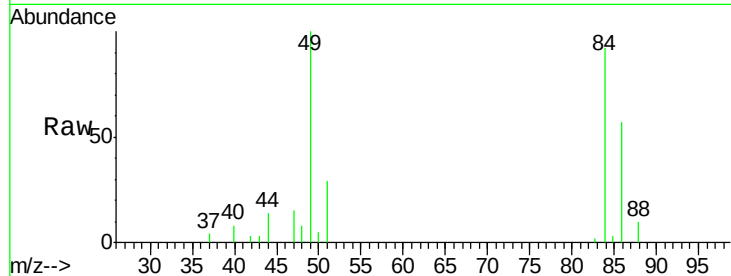




#20
Methylene Chloride
Concen: 2.045 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057394.D
Acq: 19 Aug 2019 12:42

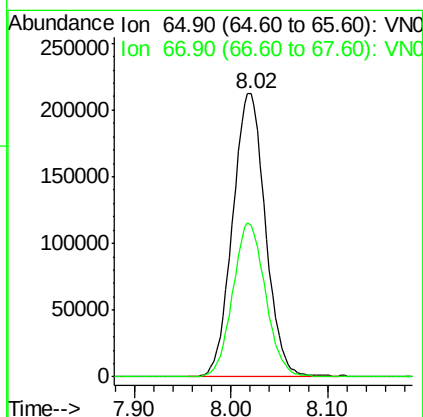
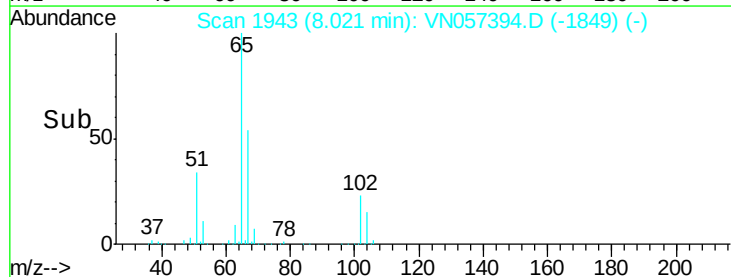
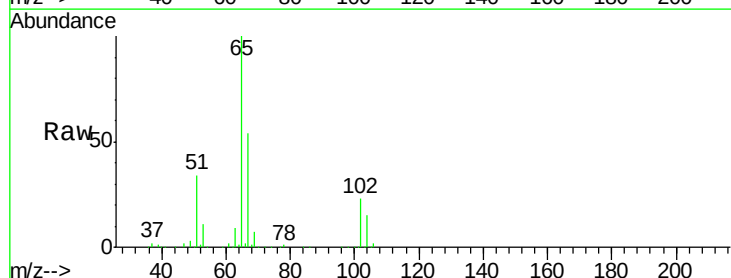
Instrument :
MSVOA_N
ClientSampled :
T8-A2-(0)

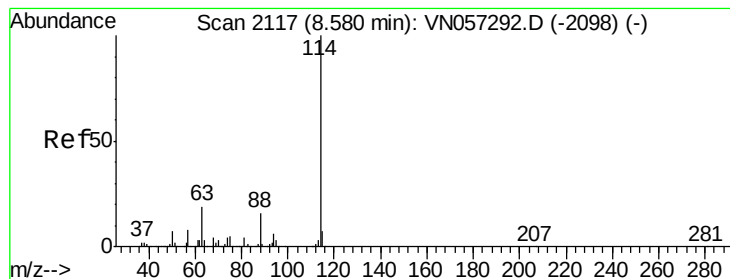
Tot Ion:	84	Resp:	23635
Ion	Ratio	Lower	Upper
84	100		
49	108.2	92.0	138.0
51	30.8	27.1	40.7
86	61.8	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 42.015 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN057394.D
Acq: 19 Aug 2019 12:42

Tgt Ion:	65	Resp:	500411
Ion	Ratio	Lower	Upper
65	100		
67	54.1	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: VN057394.D

Acq: 19 Aug 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

T8-A2-(0)

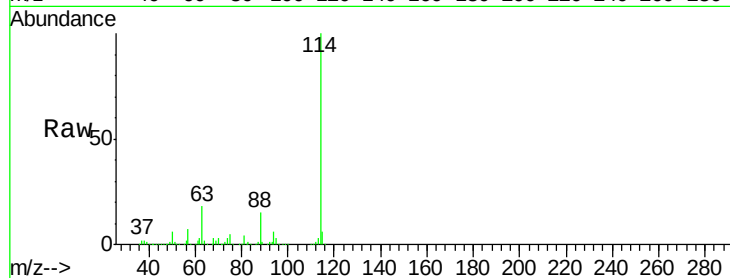
Tot Ion:114 Resp: 1529955

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.8

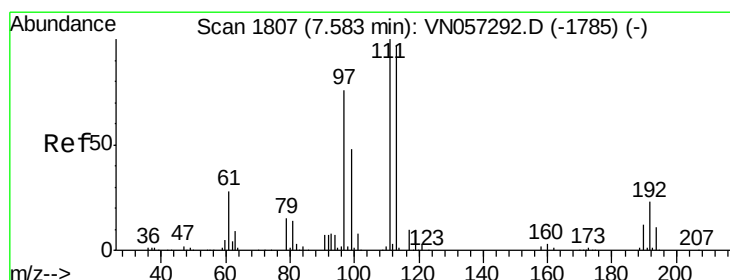
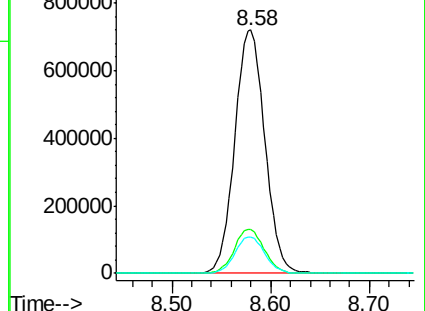
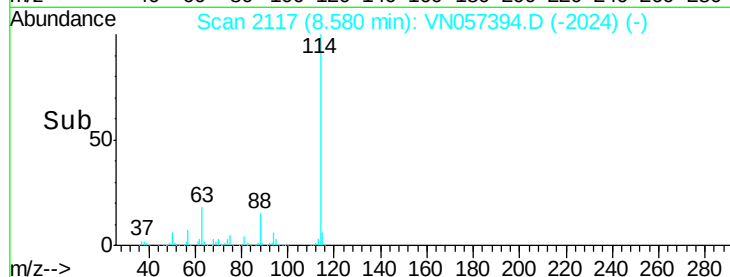
88 14.9 0.0 31.4



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: 45.805 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

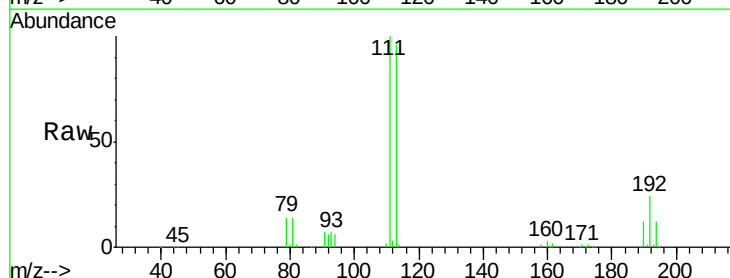
Tgt Ion:113 Resp: 459389

Ion Ratio Lower Upper

113 100

111 104.0 82.1 123.1

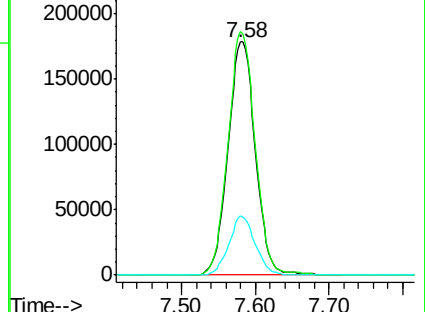
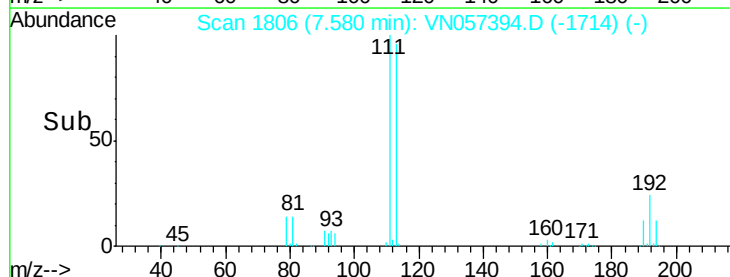
192 24.3 19.3 28.9

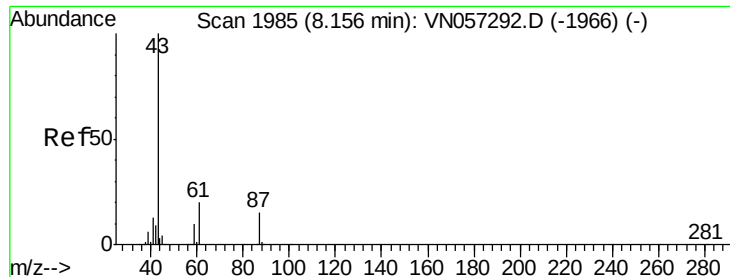


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.570 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

T8-A2-(0)

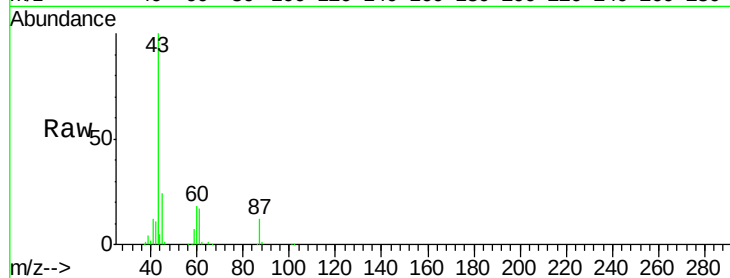
Tot Ion: 43 Resp: 231873

Ion Ratio Lower Upper

43 100

61 15.8 21.6 32.4#

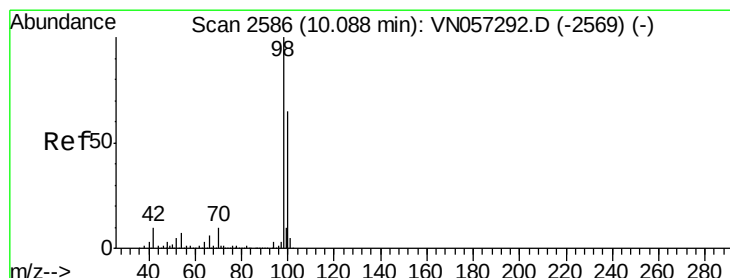
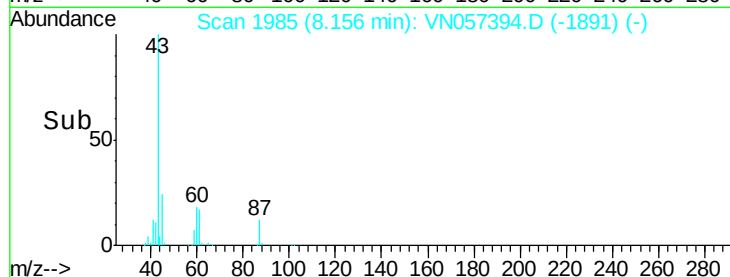
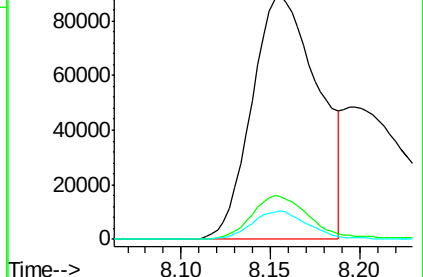
87 9.9 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057292.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057292.D (-1966) (-)



#50

Toluene-d8

Concen: 47.756 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057394.D

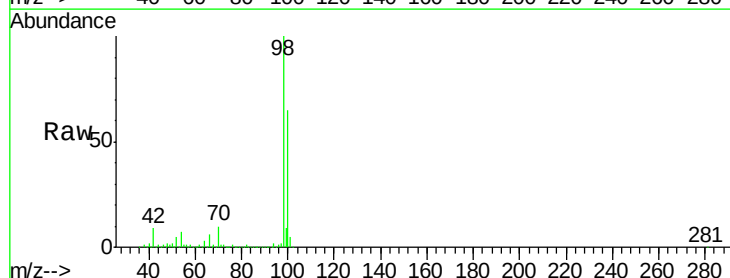
Acq: 19 Aug 2019 12:42

Tgt Ion: 98 Resp: 1751775

Ion Ratio Lower Upper

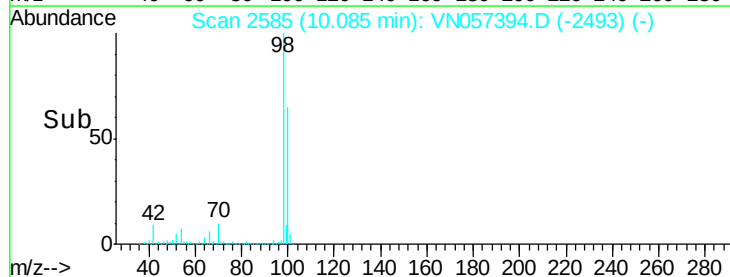
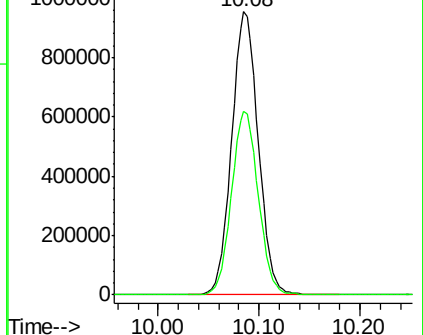
98 100

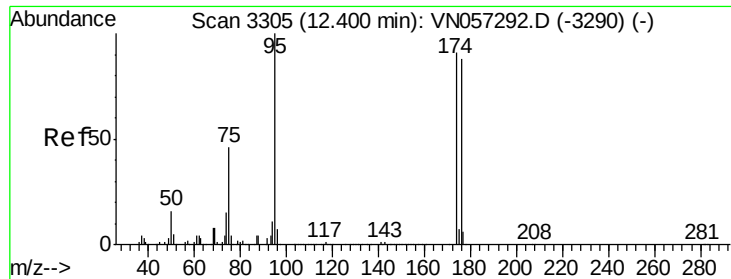
100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN057292.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057292.D (-2569) (-)

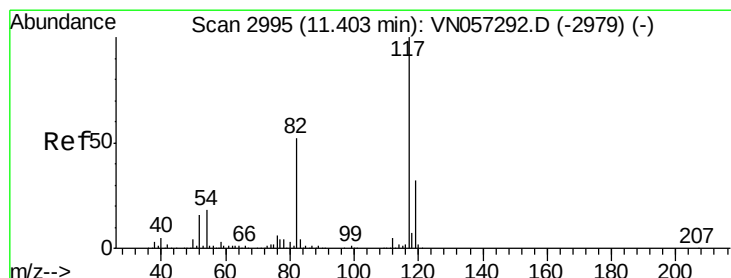
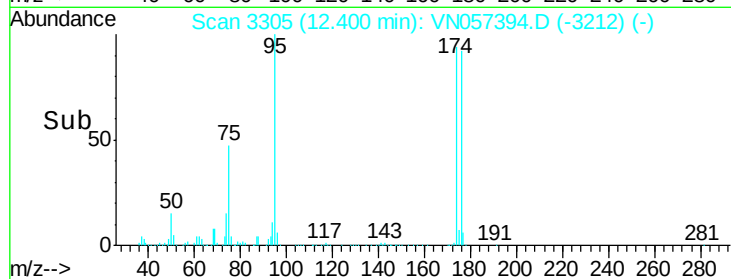
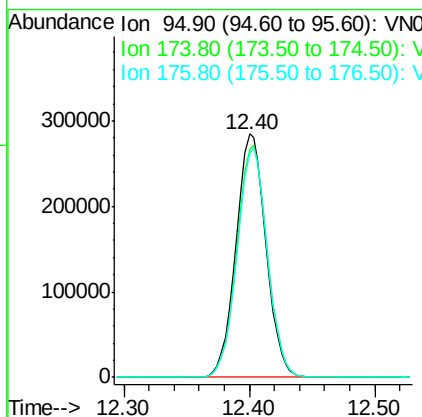
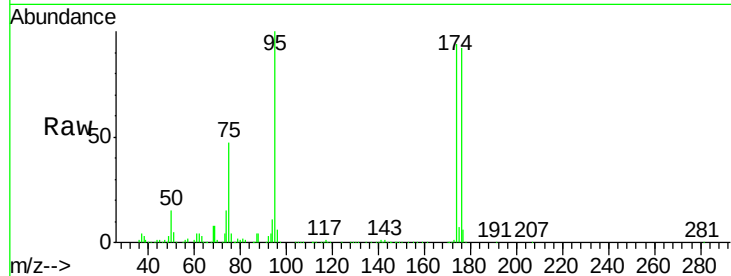




#62
4-Bromofluorobenzene
Concen: 36.395 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057394.D
Acq: 19 Aug 2019 12:42

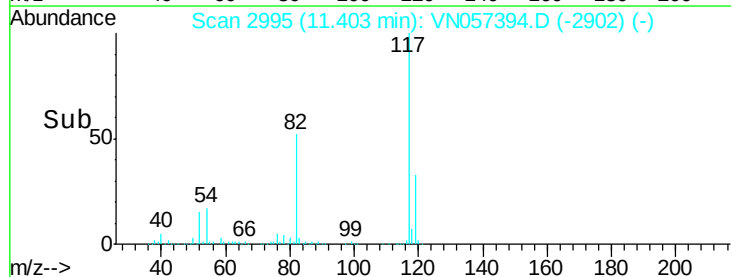
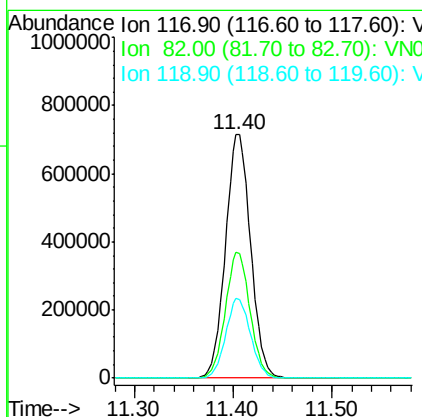
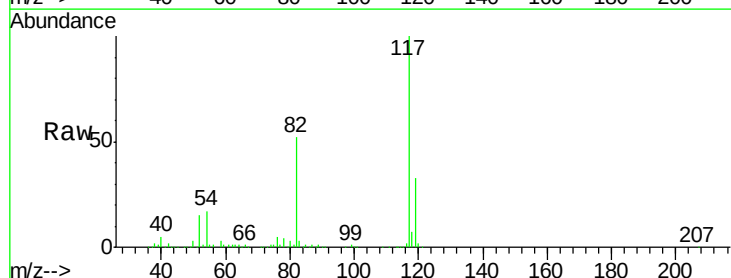
Instrument :
MSVOA_N
ClientSampled :
T8-A2-(0)

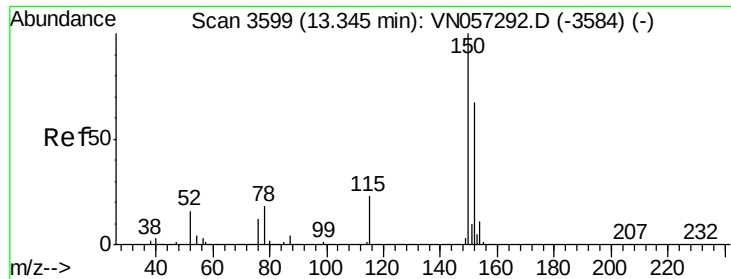
Tot Ion: 95 Resp: 471787
Ion Ratio Lower Upper
95 100
174 96.8 0.0 185.0
176 94.8 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057394.D
Acq: 19 Aug 2019 12:42

Tgt Ion: 117 Resp: 1277085
Ion Ratio Lower Upper
117 100
82 51.6 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: VN057394.D

Acq: 19 Aug 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

T8-A2-(0)

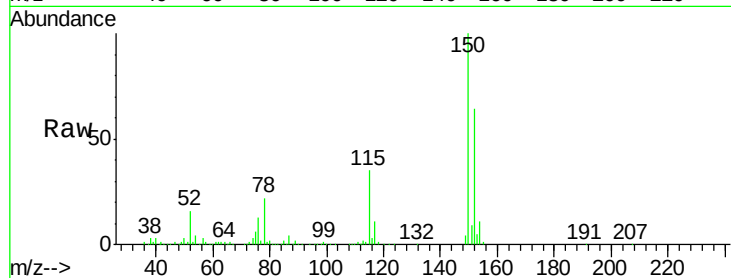
Tot Ion:152 Resp: 340152

Ion Ratio Lower Upper

152 100

115 54.2 27.3 81.9

150 156.2 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

