

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058045.D
 Acq On : 14 Sep 2019 1:59
 Operator : JC/SP
 Sample : K4694-36
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-3-(1.5)

Quant Time: Sep 14 06:35:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

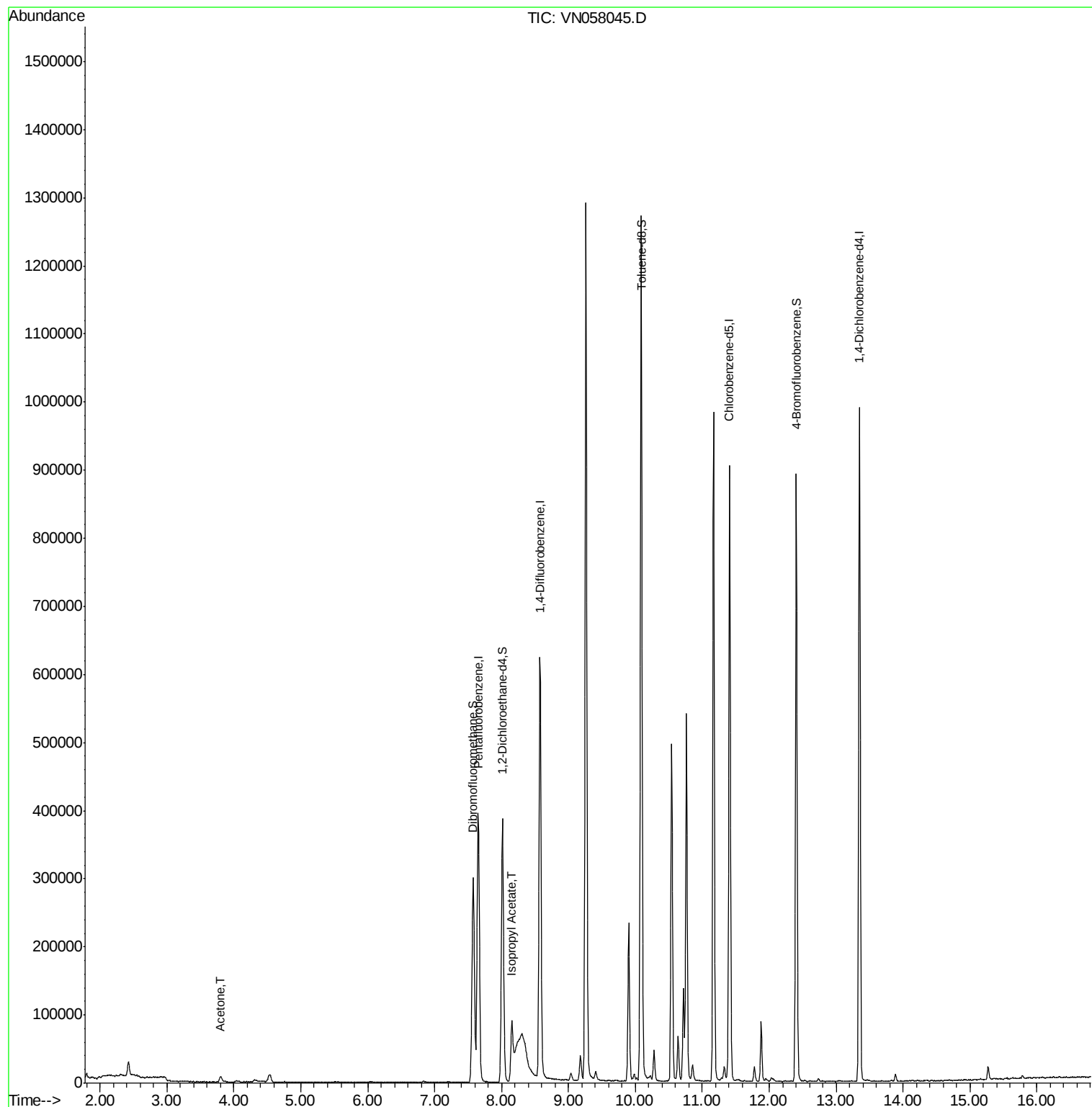
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	309906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	536358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	485726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	245595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	334751	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
35) Dibromofluoromethane	7.58	113	230115	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	10.08	98	871288	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
62) 4-Bromofluorobenzene	12.40	95	301662	41.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.38%	
Target Compounds						
16) Acetone	3.80	43	14870	7.227	ug/l	94
43) Isopropyl Acetate	8.15	43	116555	10.784	ug/l #	83

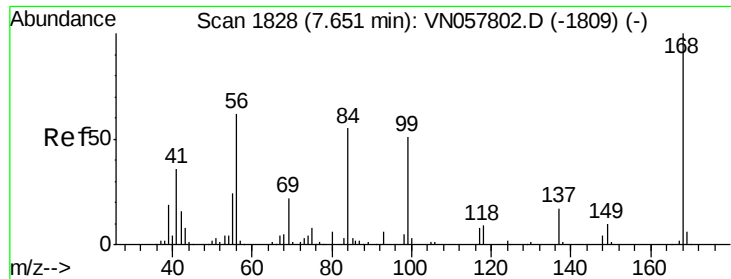
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058045.D

Acq: 14 Sep 2019 1:59

Instrument :

MSVOA_N

ClientSampleId :

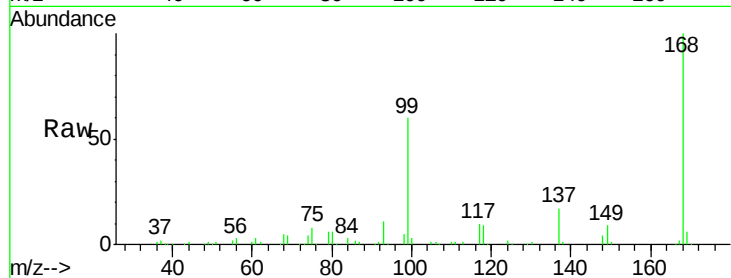
T2-3-(1.5)

Tot Ion:168 Resp: 309906

Ion Ratio Lower Upper

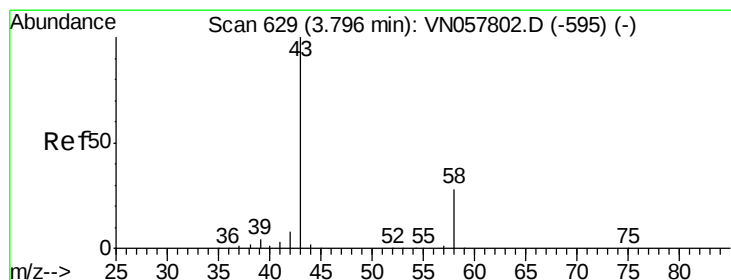
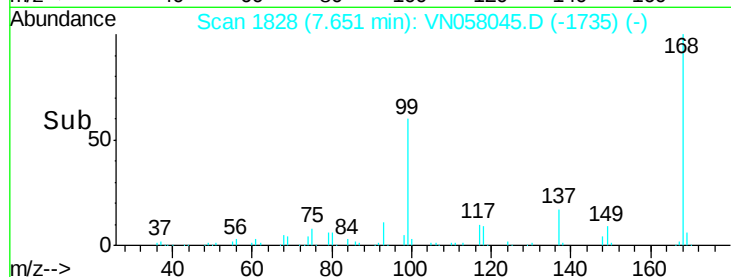
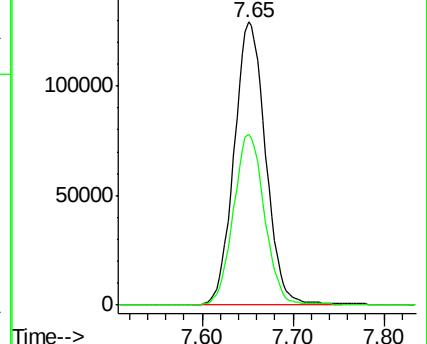
168 100

99 60.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.227 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058045.D

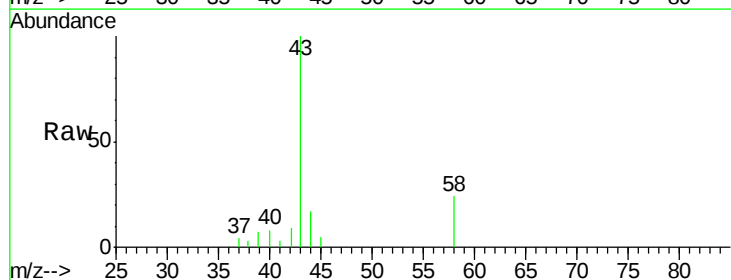
Acq: 14 Sep 2019 1:59

Tgt Ion: 43 Resp: 14870

Ion Ratio Lower Upper

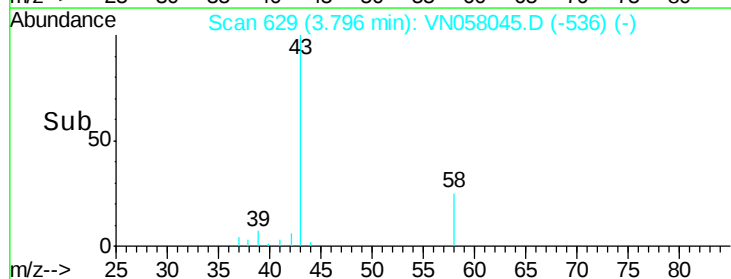
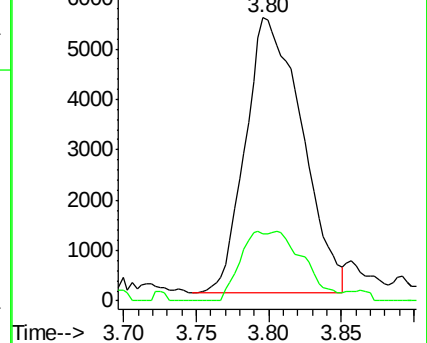
43 100

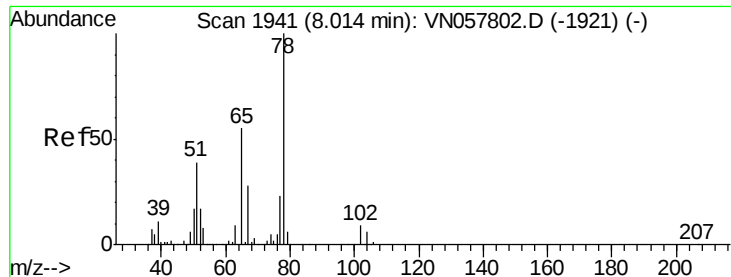
58 24.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 53.331 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058045.D

Acq: 14 Sep 2019 1:59

Instrument :

MSVOA_N

ClientSampleId :

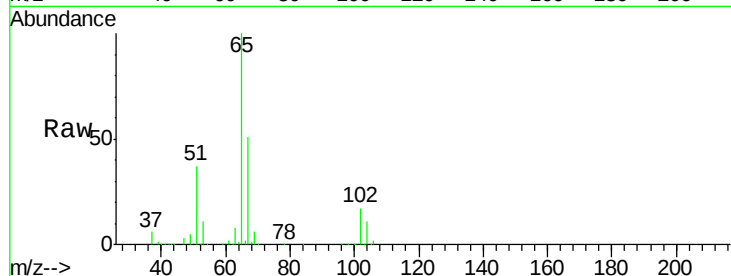
T2-3-(1.5)

Tot Ion: 65 Resp: 334751

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN057802.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057802.D (-1921) (-)

8.01

150000

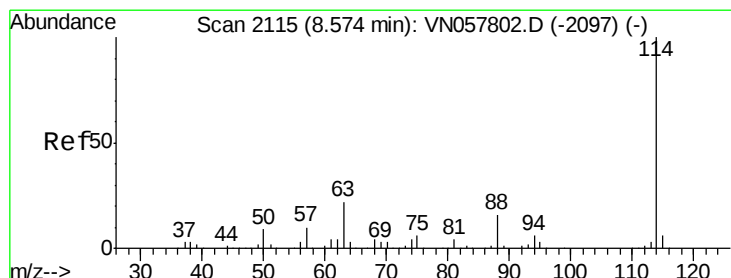
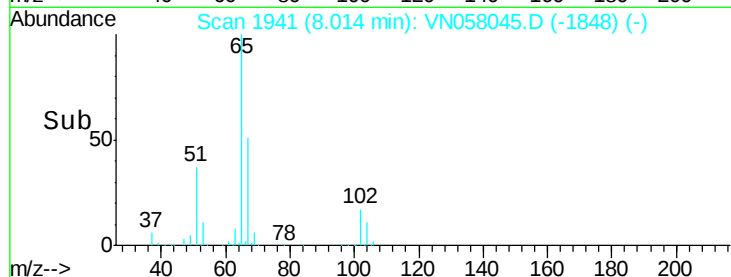
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058045.D

Acq: 14 Sep 2019 1:59

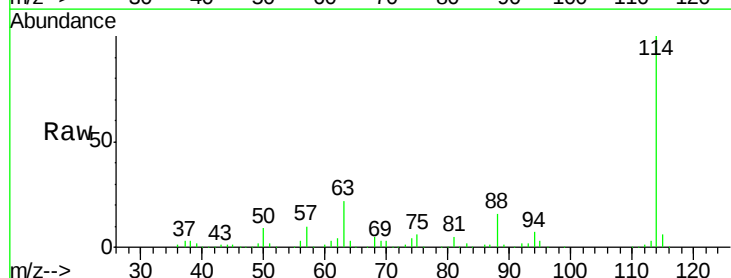
Tgt Ion: 114 Resp: 536358

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 16.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057802.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057802.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057802.D (-2097) (-)

8.57

300000

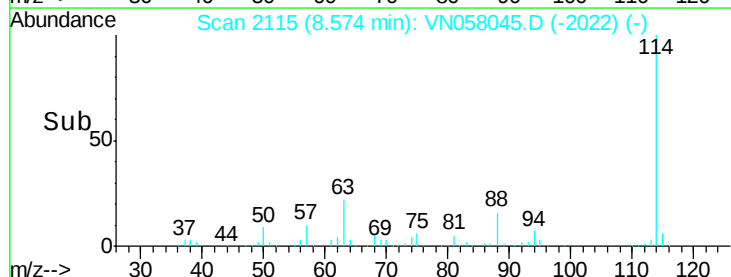
200000

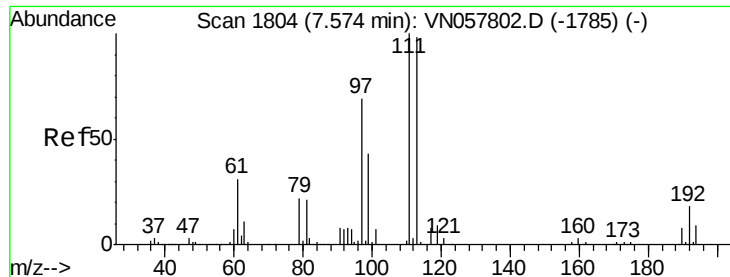
100000

0

8.50 8.60 8.70

Time-->

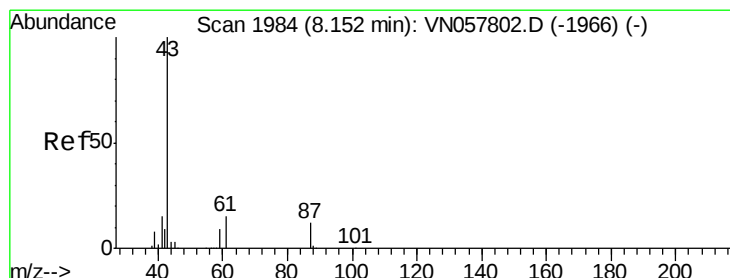
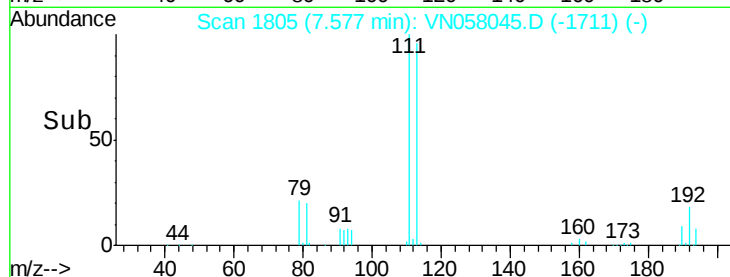
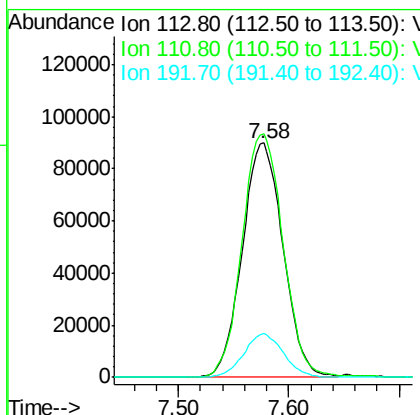
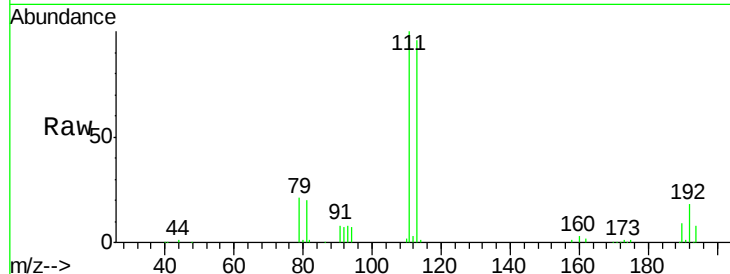




#35
 Dibromofluoromethane
 Concen: 46.484 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058045.D
 Acq: 14 Sep 2019 1:59

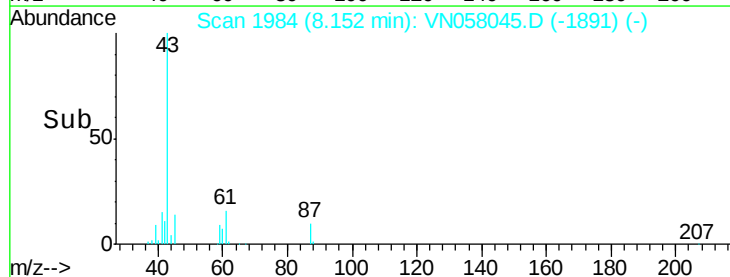
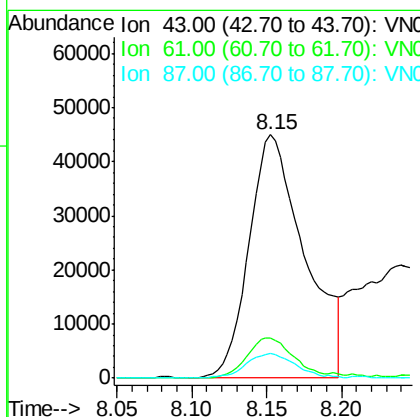
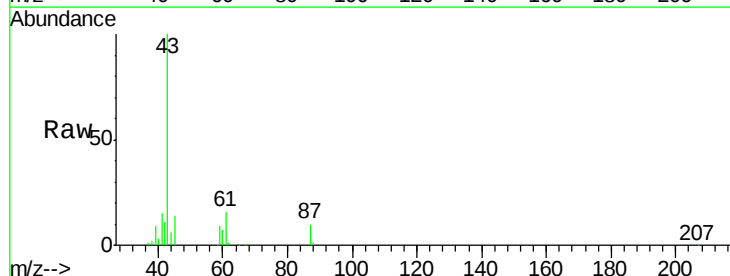
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-3-(1.5)

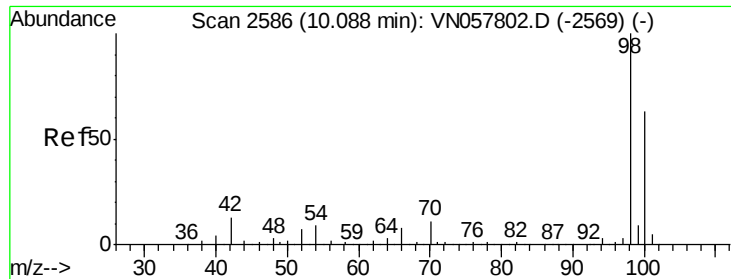
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.3	121.9
192	18.3	14.6	22.0



#43
 Isopropyl Acetate
 Concen: 10.784 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VN058045.D
 Acq: 14 Sep 2019 1:59

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.3	20.1	30.1#
87	9.0	9.5	14.3#





#50

Toluene-d8

Concen: 45.332 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058045.D

Acq: 14 Sep 2019 1:59

Instrument :

MSVOA_N

ClientSampled :

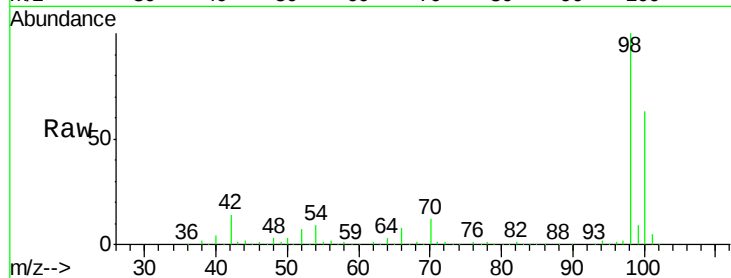
T2-3-(1.5)

Tot Ion: 98 Resp: 871288

Ion Ratio Lower Upper

98 100

100 63.1 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

500000

400000

300000

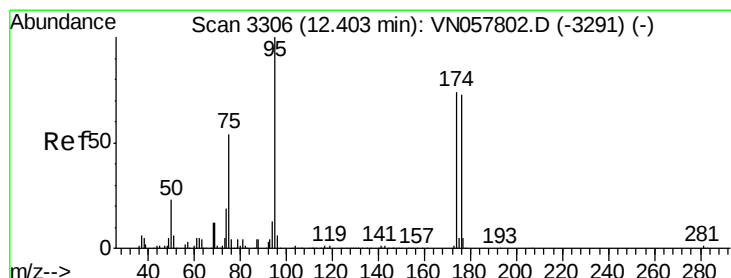
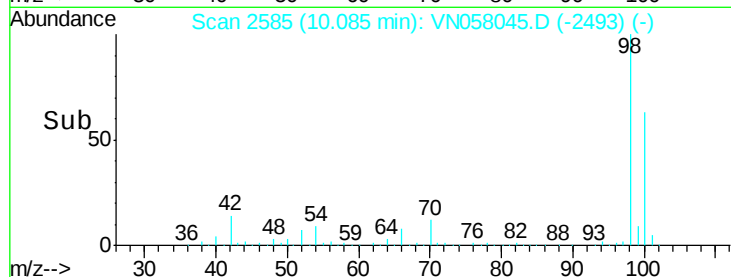
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 41.185 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058045.D

Acq: 14 Sep 2019 1:59

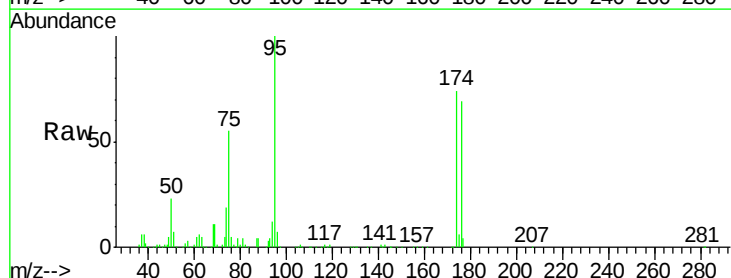
Tgt Ion: 95 Resp: 301662

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

176 71.6 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

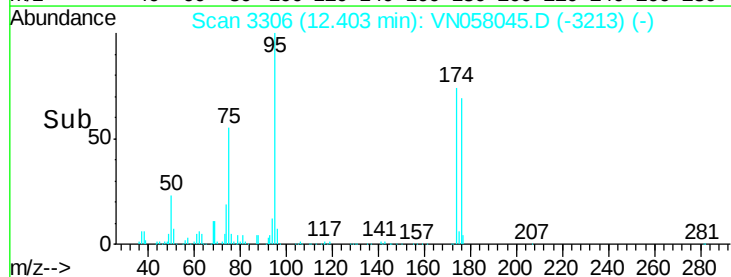
100000

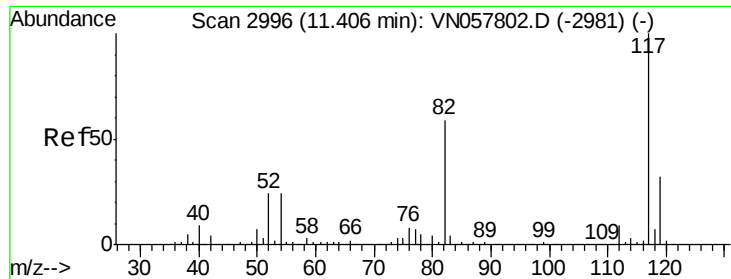
50000

0

Time-->

12.40 12.50

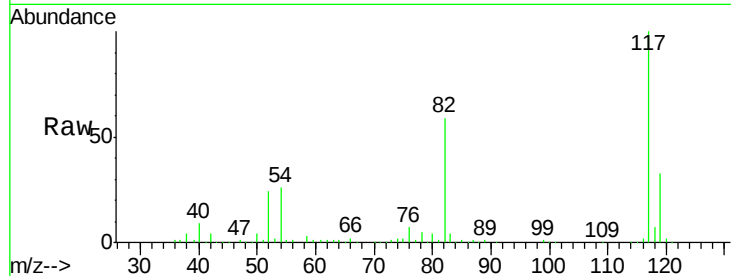




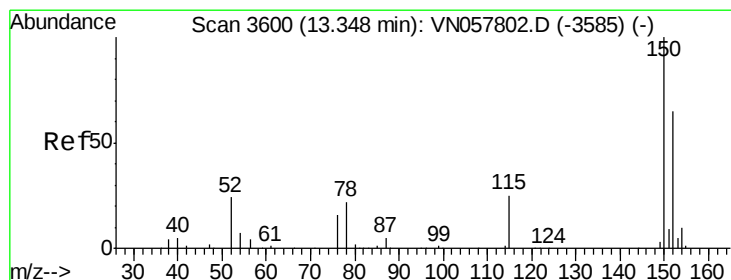
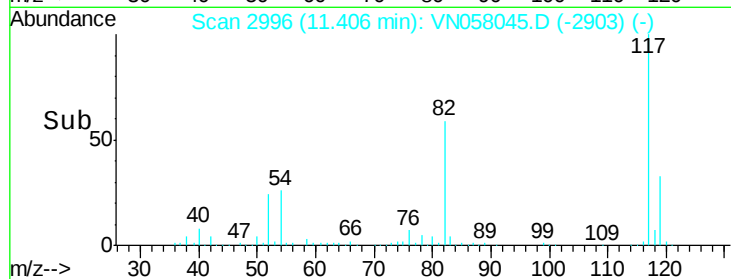
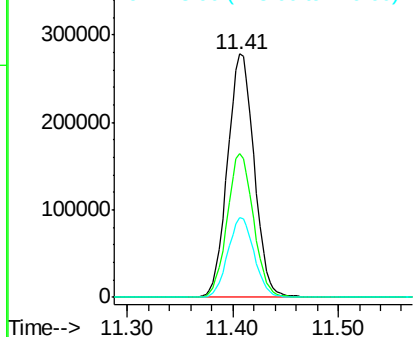
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058045.D
Acq: 14 Sep 2019 1:59

Instrument :
MSVOA_N
ClientSampled :
T2-3-(1.5)

Tot Ion:117 Resp: 485726
Ion Ratio Lower Upper
117 100
82 59.2 47.2 70.8
119 32.6 25.3 37.9

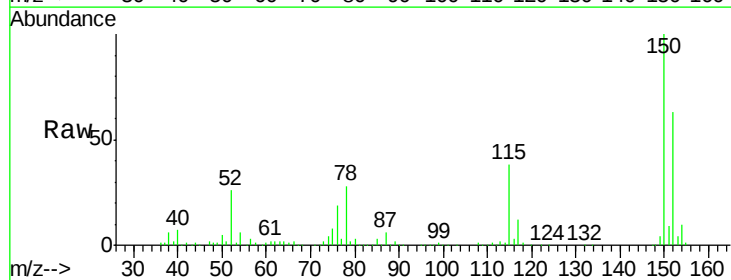


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058045.D
Acq: 14 Sep 2019 1:59

Tgt Ion:152 Resp: 245595
Ion Ratio Lower Upper
152 100
115 62.1 30.3 91.0
150 159.8 0.0 352.4



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

