

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091519\
 Data File : VN058092.D
 Acq On : 15 Sep 2019 15:22
 Operator : JC/SP
 Sample : K4695-26
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T5-3-(2.5)

Quant Time: Sep 16 04:51:10 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

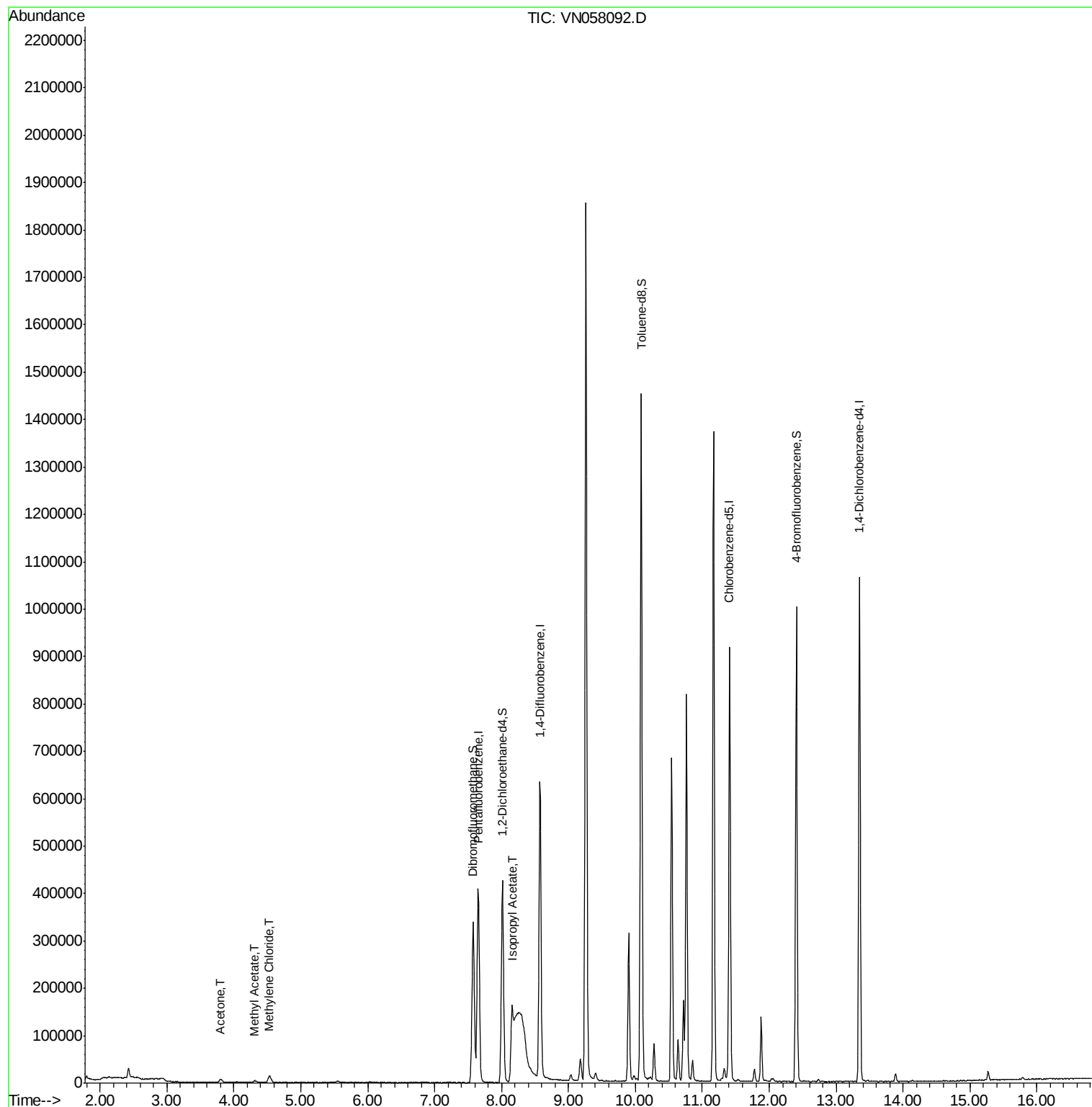
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	317176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	537062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	494295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	262034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	375576	58.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.92%	
35) Dibromofluoromethane	7.58	113	257297	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
50) Toluene-d8	10.08	98	1010987	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.41	95	334758	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
Target Compounds						
16) Acetone	3.80	43	13699	6.505	ug/l #	86
18) Methyl Acetate	4.31	43	8159	1.453	ug/l #	70
20) Methylene Chloride	4.53	84	10047	1.307	ug/l	92
43) Isopropyl Acetate	8.16	43	212140	19.603	ug/l #	77

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091519\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
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QLast Update : Tue Sep 10 03:02:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058092.D

Acq: 15 Sep 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

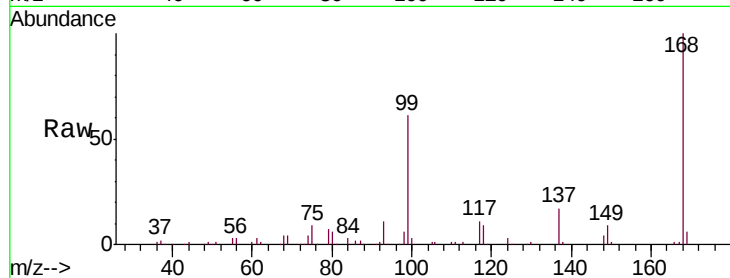
T5-3-(2.5)

Tgt Ion:168 Resp: 317176

Ion Ratio Lower Upper

168 100

99 61.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

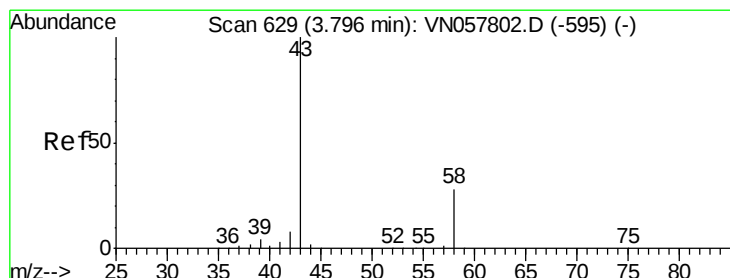
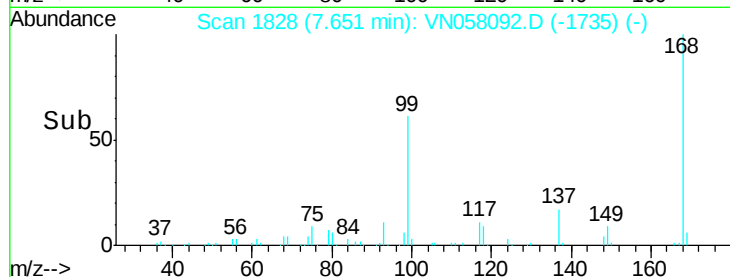
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.505 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058092.D

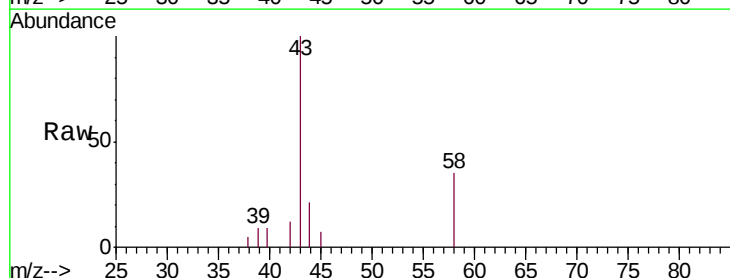
Acq: 15 Sep 2019 15:22

Tgt Ion: 43 Resp: 13699

Ion Ratio Lower Upper

43 100

58 35.2 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

5000

4000

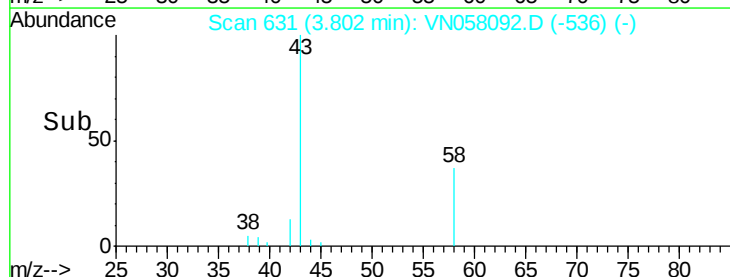
3000

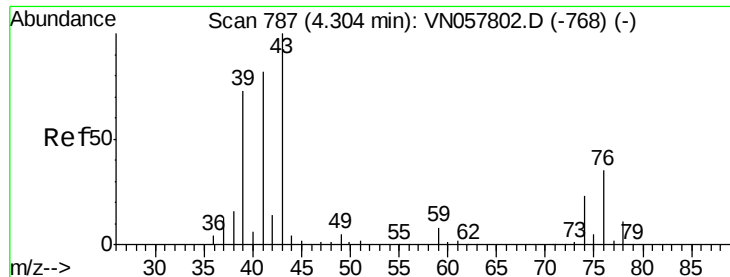
2000

1000

0

Time-->





#18

Methyl Acetate

Concen: 1.453 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN058092.D

Acq: 15 Sep 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

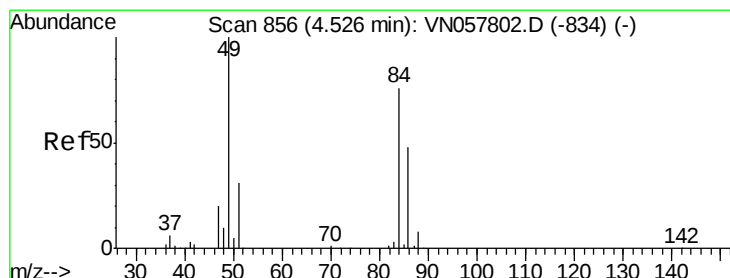
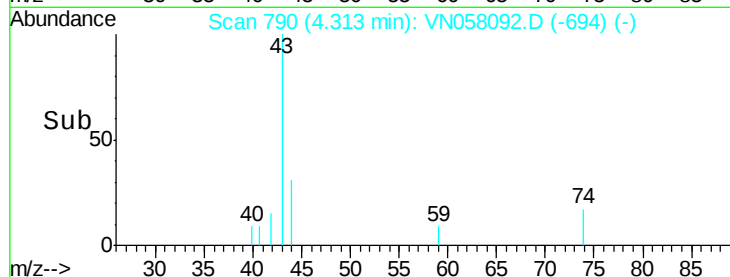
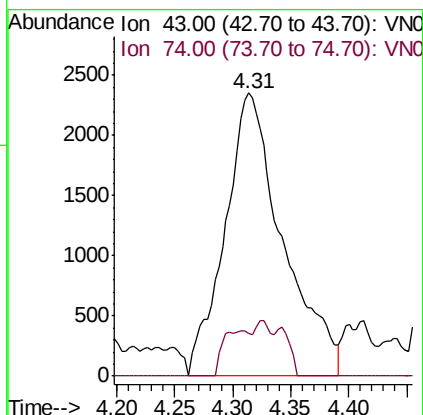
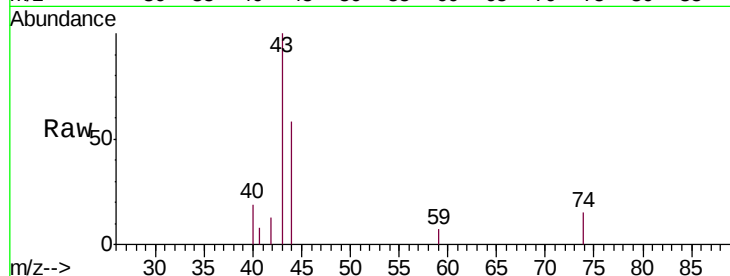
T5-3-(2.5)

Tgt Ion: 43 Resp: 8159

Ion Ratio Lower Upper

43 100

74 8.0 17.9 26.9#



#20

Methylene Chloride

Concen: 1.307 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058092.D

Acq: 15 Sep 2019 15:22

Tgt Ion: 84 Resp: 10047

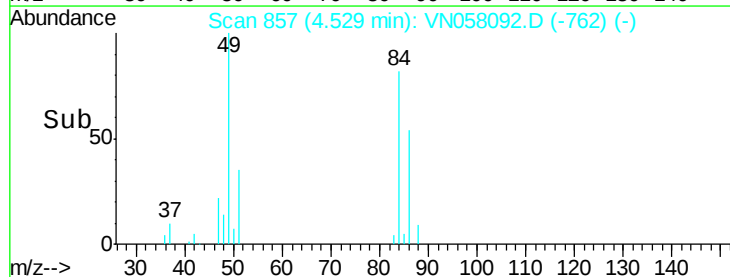
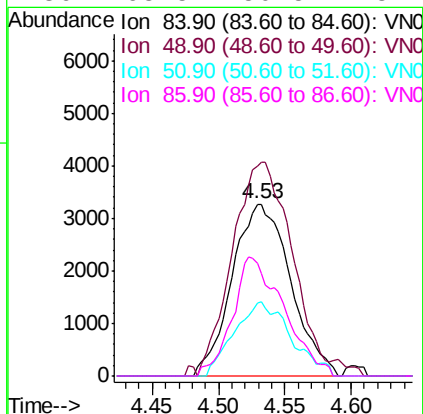
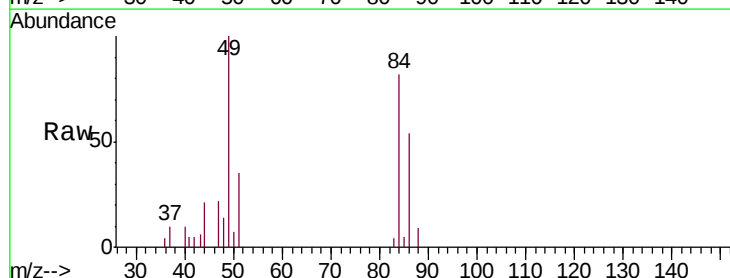
Ion Ratio Lower Upper

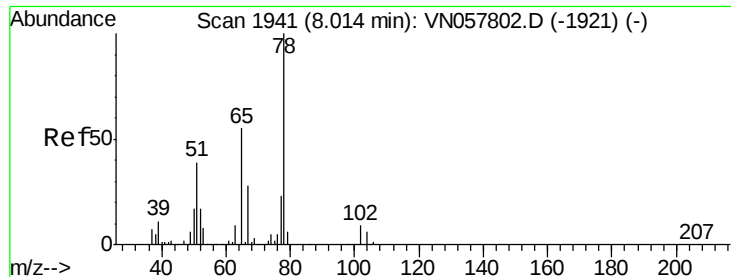
84 100

49 115.7 104.8 157.2

51 42.1 33.0 49.4

86 65.5 50.5 75.7





#33

1,2-Dichloroethane-d4

Concen: 58.463 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058092.D

Acq: 15 Sep 2019 15:22

Instrument :

MSVOA_N

ClientSampleId :

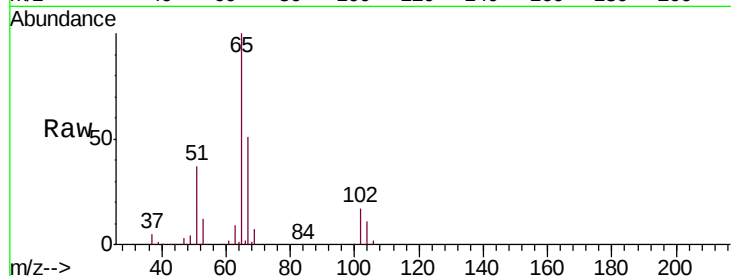
T5-3-(2.5)

Tgt Ion: 65 Resp: 375576

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN058092.D (-1848) (-)

Ion 66.90 (66.60 to 67.60): VN058092.D (-1848) (-)

8.01

150000

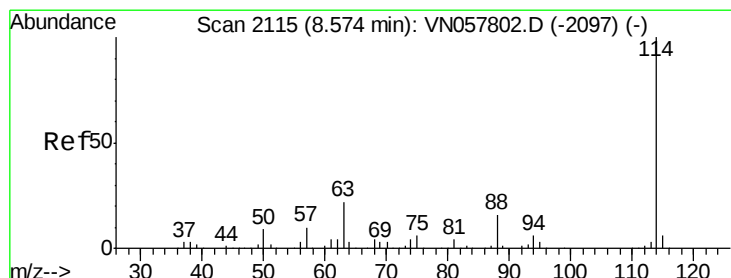
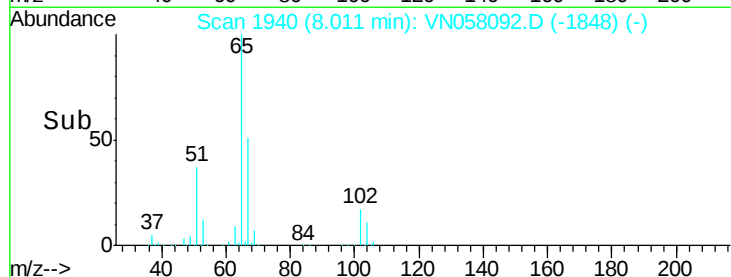
100000

50000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN058092.D

Acq: 15 Sep 2019 15:22

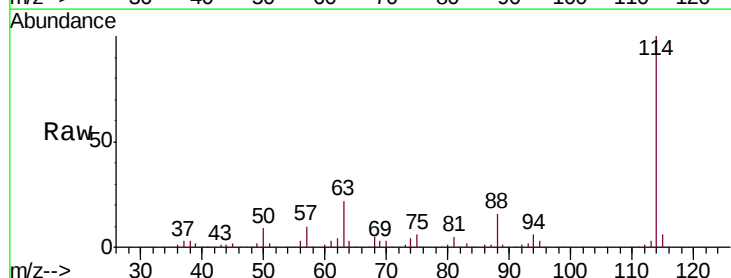
Tgt Ion: 114 Resp: 537062

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.0

88 16.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN058092.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN058092.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN058092.D (-2022) (-)

8.58

300000

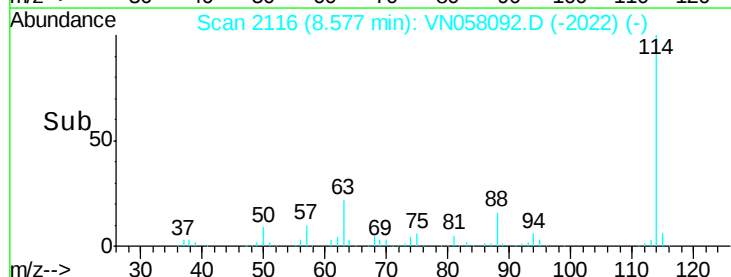
200000

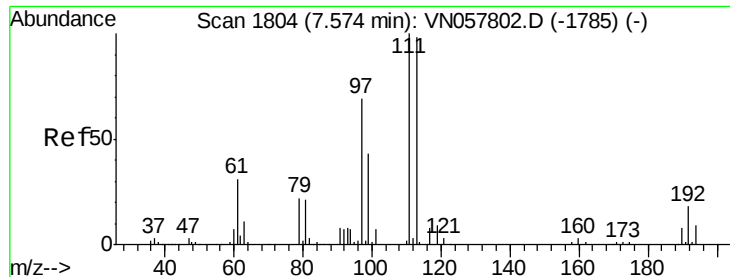
100000

0

Time-->

8.50 8.60 8.70





#35

Dibromofluoromethane

Concen: 51.907 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058092.D

Acq: 15 Sep 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

T5-3-(2.5)

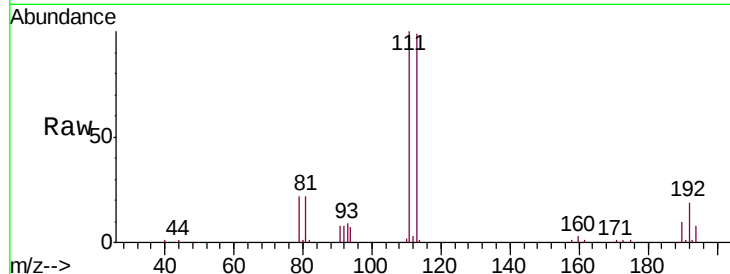
Tgt Ion:113 Resp: 257297

Ion Ratio Lower Upper

113 100

111 101.0 81.3 121.9

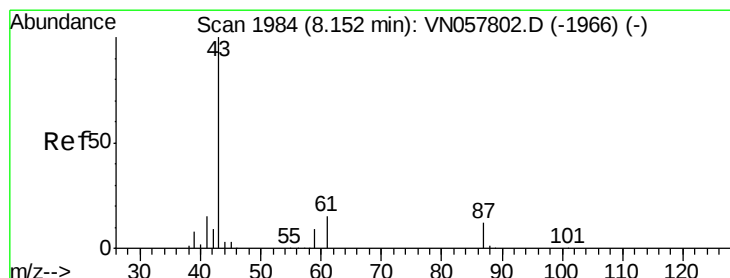
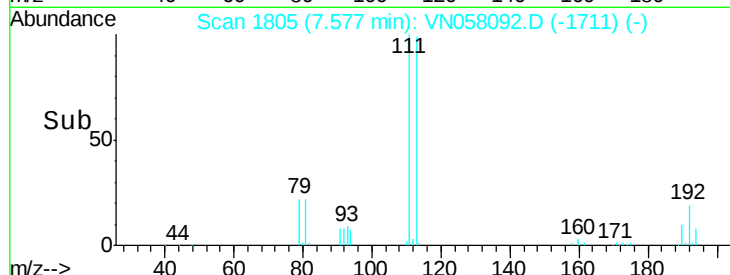
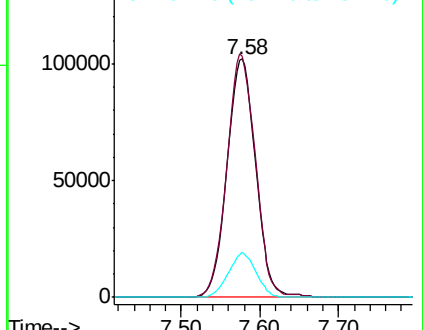
192 18.2 14.6 22.0



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: 19.603 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058092.D

Acq: 15 Sep 2019 15:22

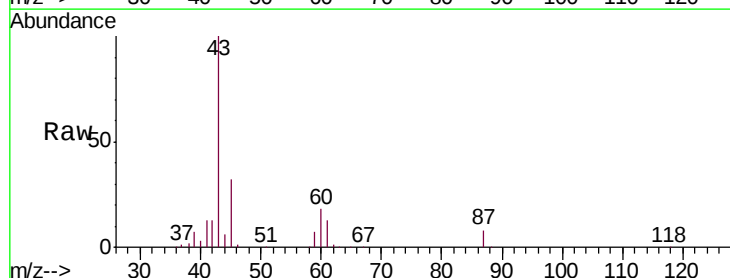
Tgt Ion: 43 Resp: 212140

Ion Ratio Lower Upper

43 100

61 10.9 20.1 30.1#

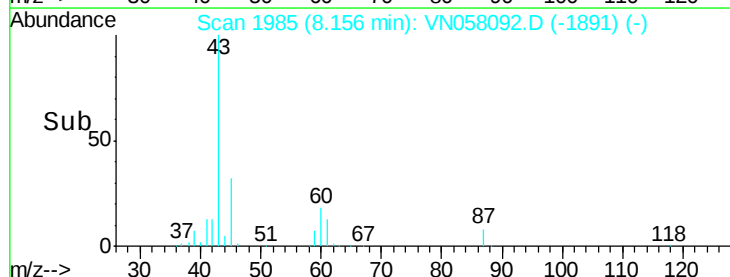
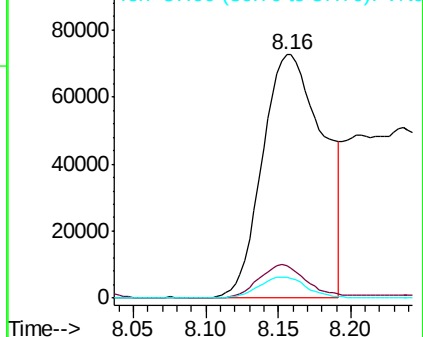
87 6.8 9.5 14.3#

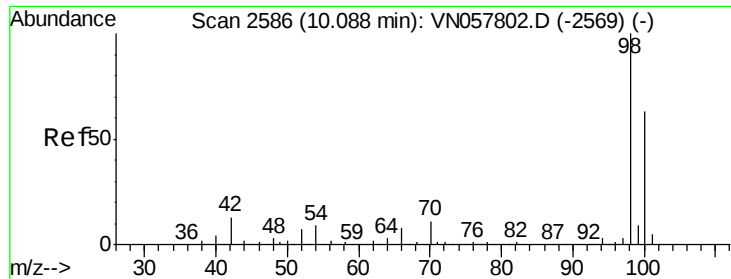


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 52.532 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058092.D

Acq: 15 Sep 2019 15:22

Instrument :

MSVOA_N

ClientSampled :

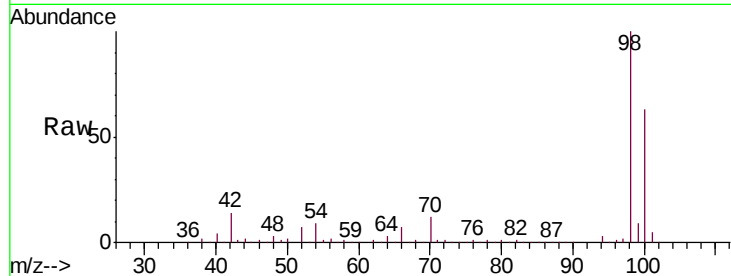
T5-3-(2.5)

Tgt Ion: 98 Resp: 1010987

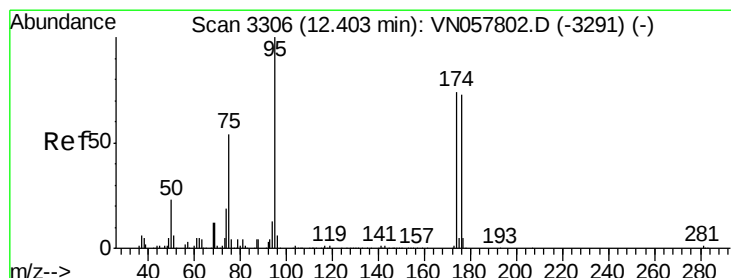
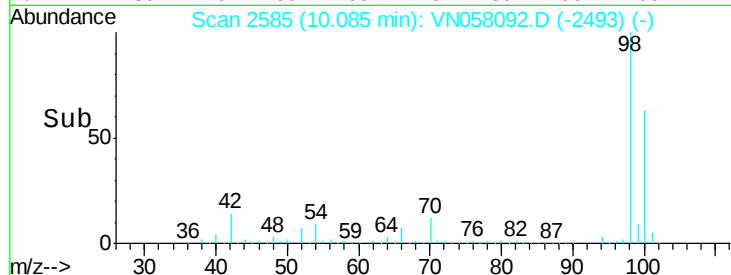
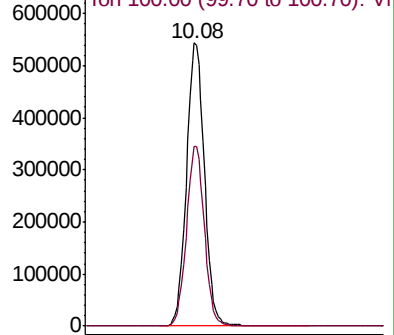
Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: 45.644 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058092.D

Acq: 15 Sep 2019 15:22

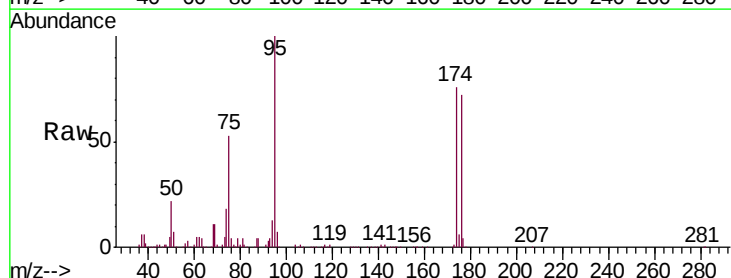
Tgt Ion: 95 Resp: 334758

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.2

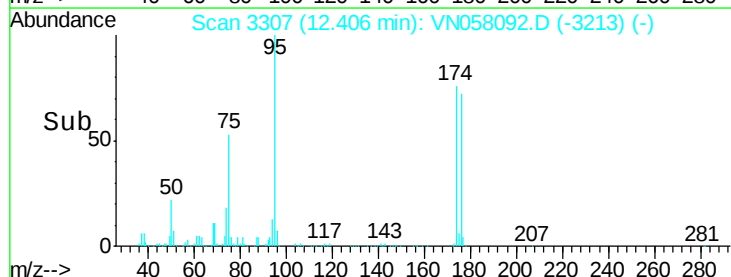
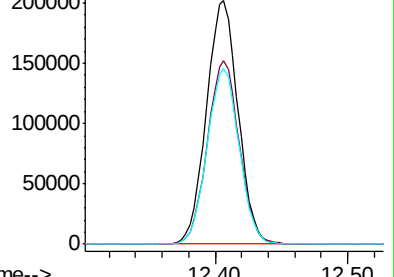
176 73.0 0.0 146.0

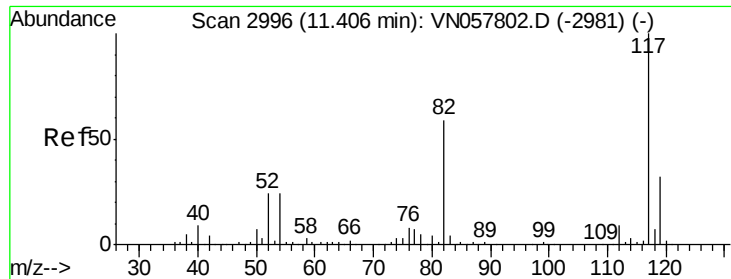


Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)

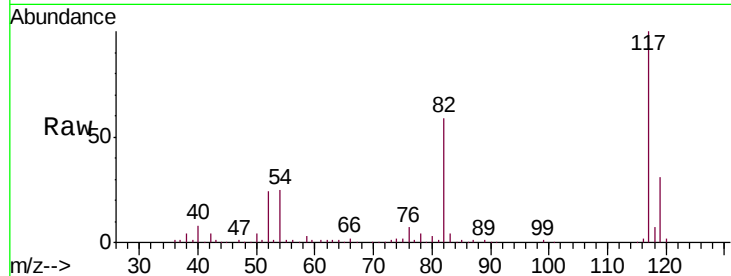




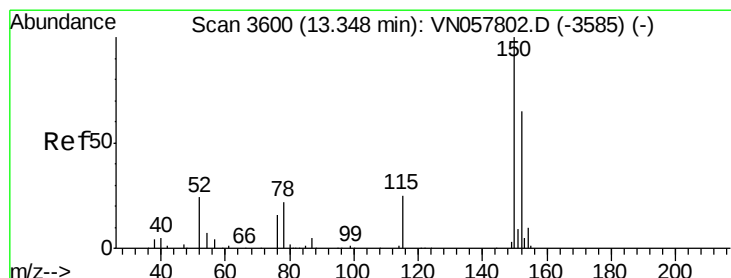
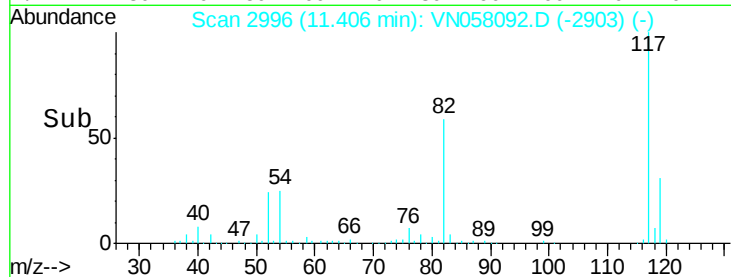
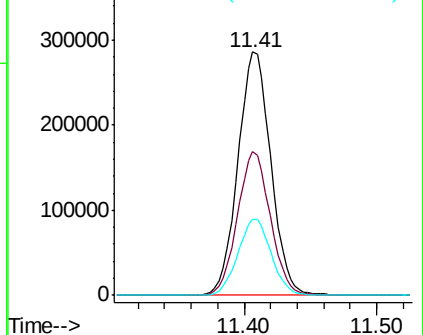
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN058092.D
 Acq: 15 Sep 2019 15:22

Instrument :
 MSVOA_N
 ClientSampled :
 T5-3-(2.5)

Tgt Ion:117 Resp: 494295
 Ion Ratio Lower Upper
 117 100
 82 58.9 47.2 70.8
 119 31.1 25.3 37.9

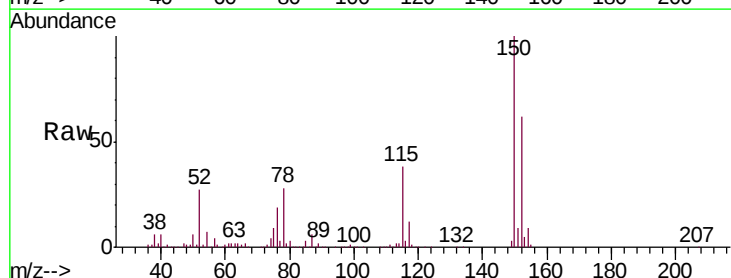


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN058092.D
 Acq: 15 Sep 2019 15:22

Tgt Ion:152 Resp: 262034
 Ion Ratio Lower Upper
 152 100
 115 61.2 30.3 91.0
 150 157.7 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

