

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057629.D
 Acq On : 31 Aug 2019 21:39
 Operator : JC/SP
 Sample : K4517-34
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-E-(0)

Quant Time: Sep 01 01:01:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

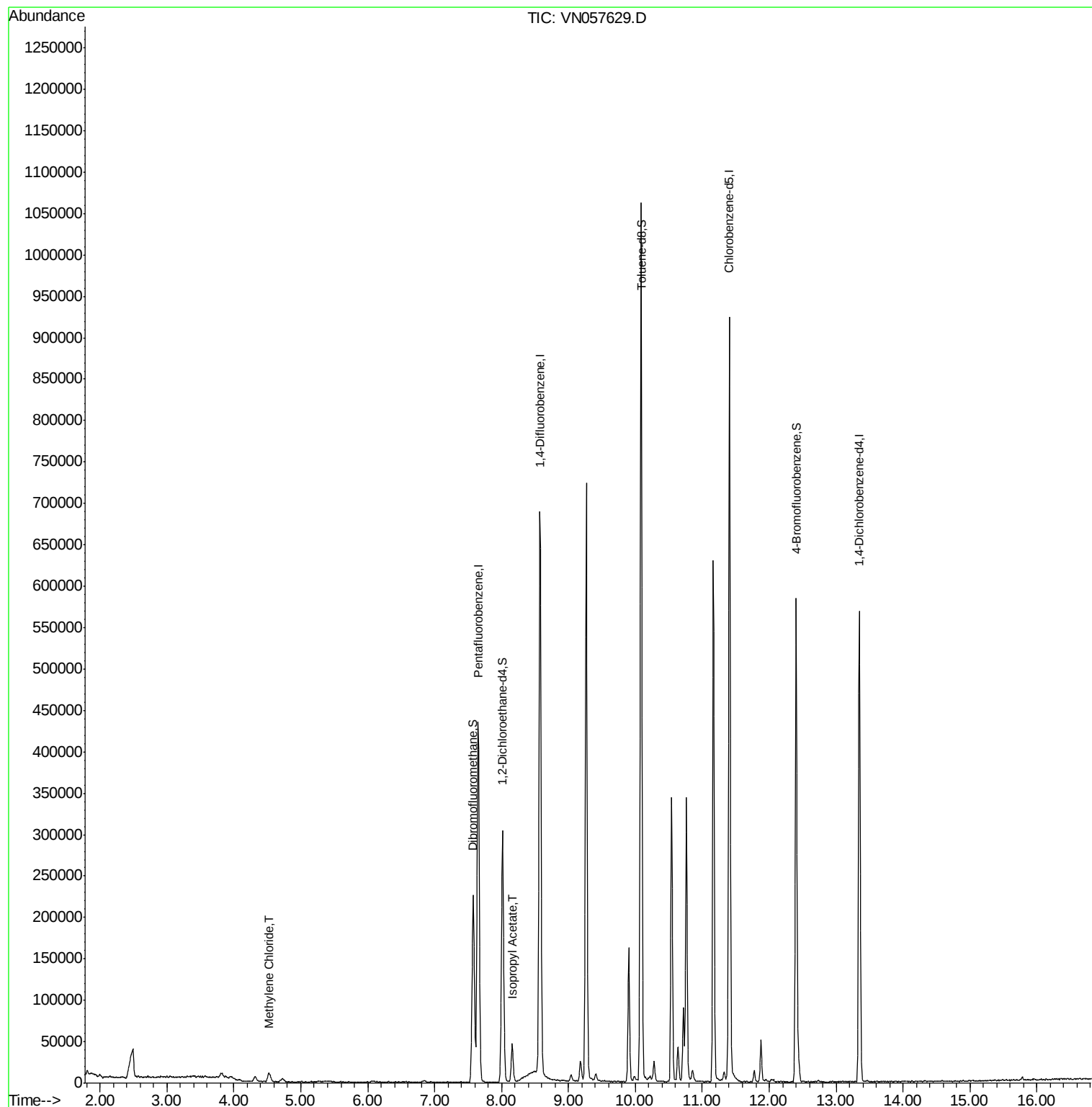
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	304888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	532913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	457733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	139079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	258111	37.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.96%	
35) Dibromofluoromethane	7.58	113	160505	34.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.98%	
50) Toluene-d8	10.09	98	667198	37.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.68%	
62) 4-Bromofluorobenzene	12.40	95	205058	30.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.36%	
Target Compounds						
20) Methylene Chloride	4.52	84	6761	1.415	ug/l	91
43) Isopropyl Acetate	8.16	43	52617	4.345	ug/l	99

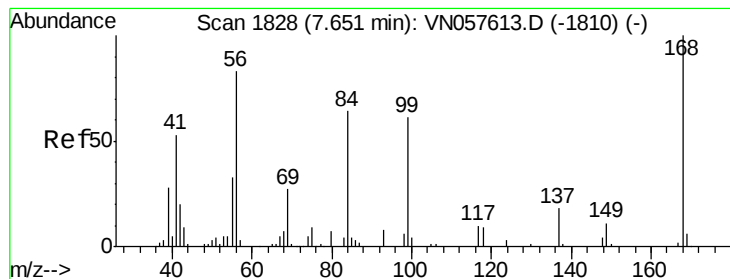
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090119\
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Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:54:32 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: VN057629.D

Acq: 31 Aug 2019 21:39

Instrument :

MSVOA_N

ClientSampleId :

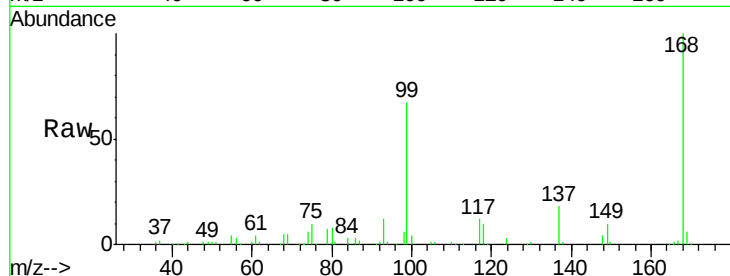
T4-S-E(0)

Tot Ion:168 Resp: 304888

Ion Ratio Lower Upper

168 100

99 67.4 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

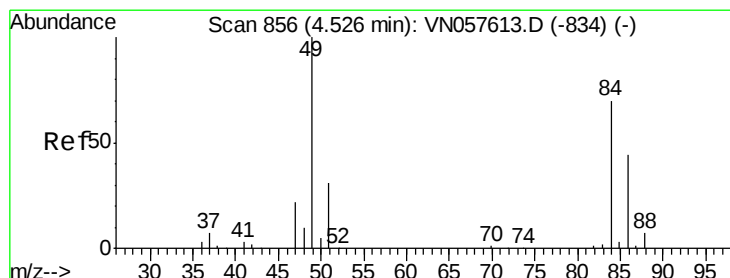
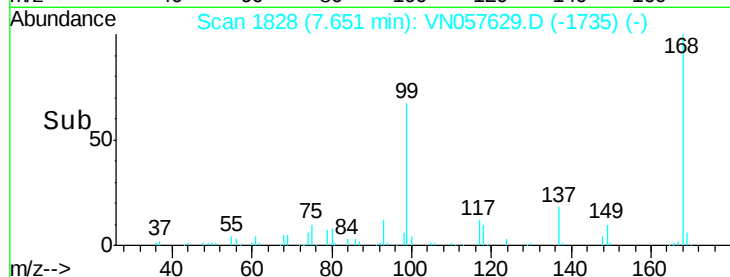
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#20

Methylene Chloride

Concen: 1.415 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN057629.D

Acq: 31 Aug 2019 21:39

Tgt Ion: 84 Resp: 6761

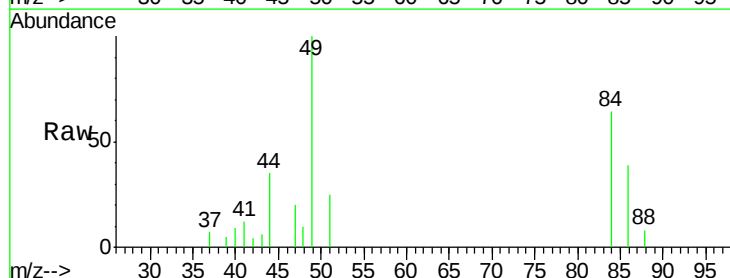
Ion Ratio Lower Upper

84 100

49 155.9 113.8 170.6

51 38.4 35.0 52.6

86 60.0 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

5000

4000

3000

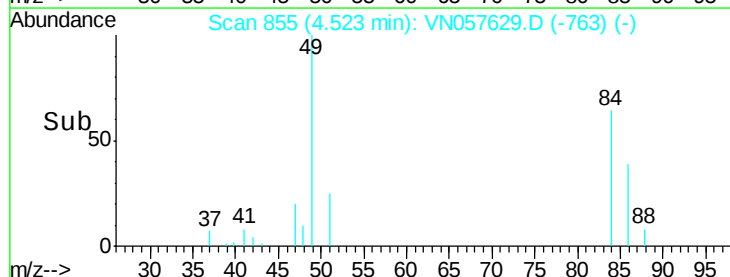
2000

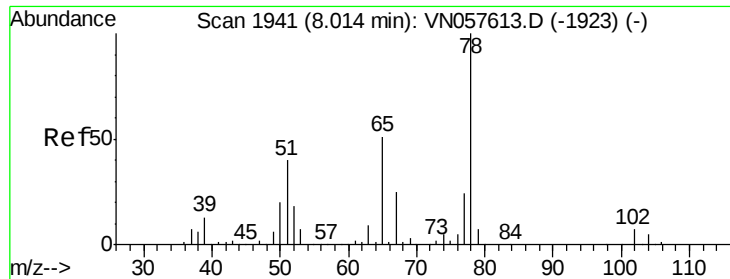
1000

0

4.45 4.50 4.55 4.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 37.476 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057629.D

Acq: 31 Aug 2019 21:39

Instrument :

MSVOA_N

ClientSampleId :

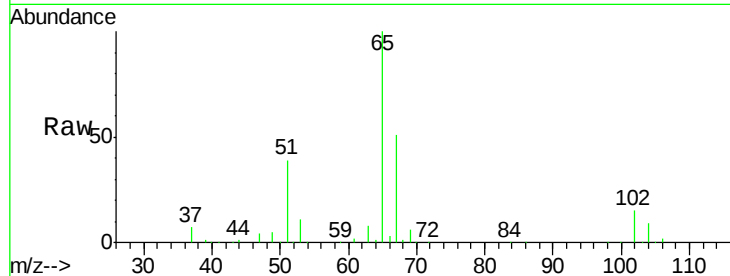
T4-S-E(0)

Tot Ion: 65 Resp: 258111

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VN057613.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN057613.D (-1923) (-)

8.01

120000

100000

80000

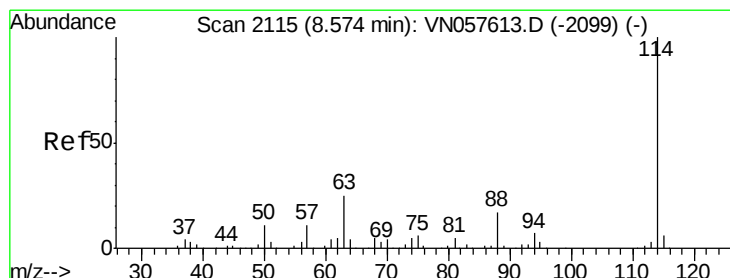
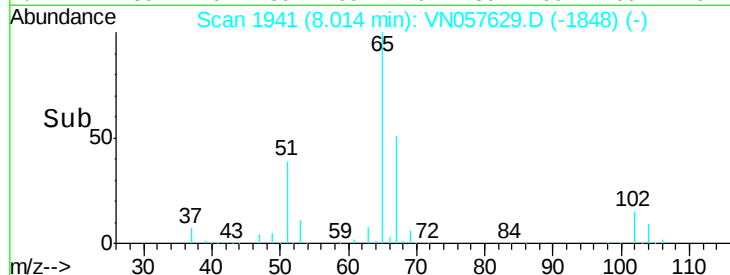
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057629.D

Acq: 31 Aug 2019 21:39

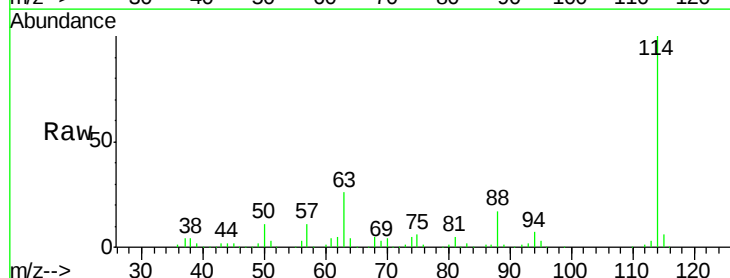
Tgt Ion: 114 Resp: 532913

Ion Ratio Lower Upper

114 100

63 25.6 0.0 49.0

88 16.6 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VN057613.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN057613.D (-2099) (-)

Ion 87.90 (87.60 to 88.60): VN057613.D (-2099) (-)

8.58

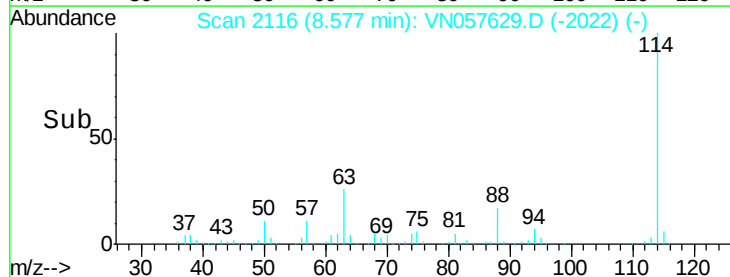
300000

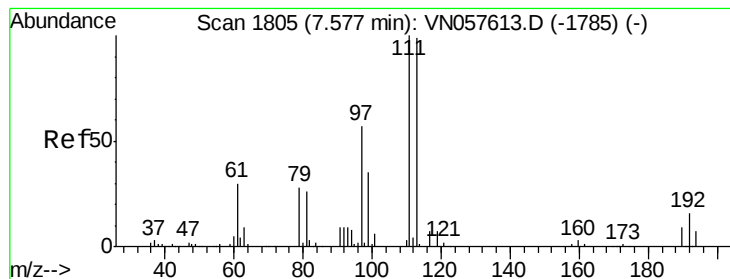
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 34.489 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057629.D

Acq: 31 Aug 2019 21:39

Instrument :

MSVOA_N

ClientSampleId :

T4-S-E(0)

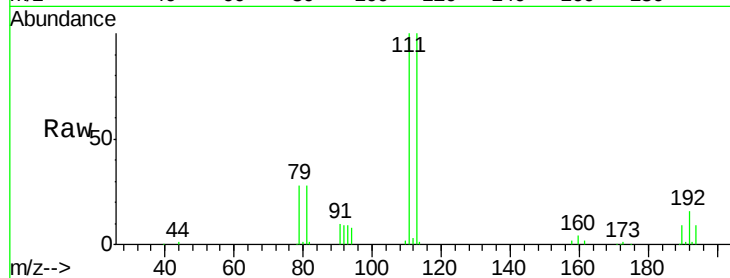
Tot Ion:113 Resp: 160505

Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

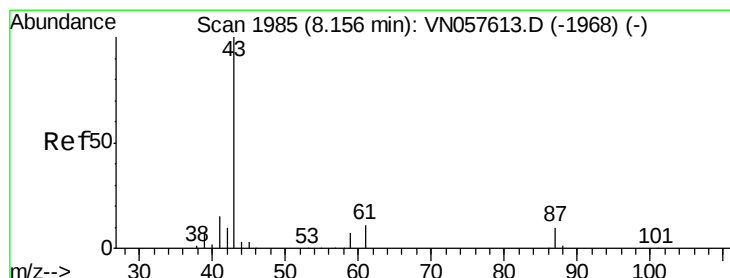
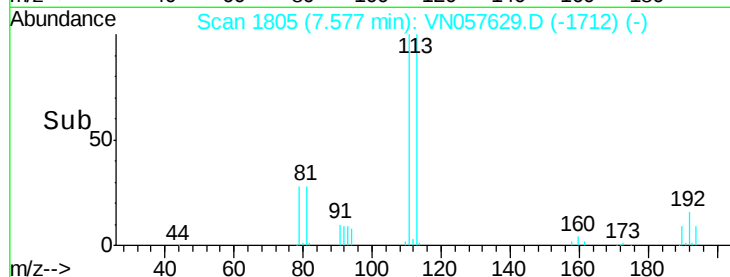
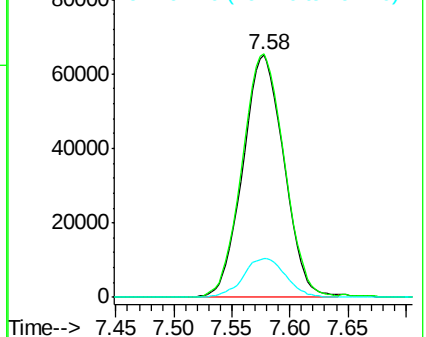
192 16.8 13.5 20.3



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: 4.345 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057629.D

Acq: 31 Aug 2019 21:39

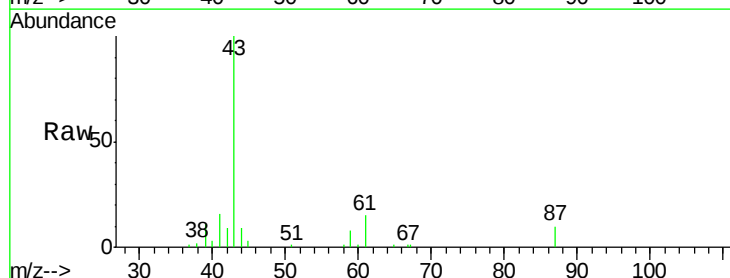
Tgt Ion: 43 Resp: 52617

Ion Ratio Lower Upper

43 100

61 16.3 13.1 19.7

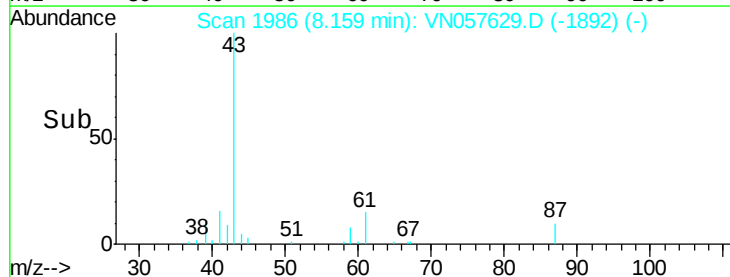
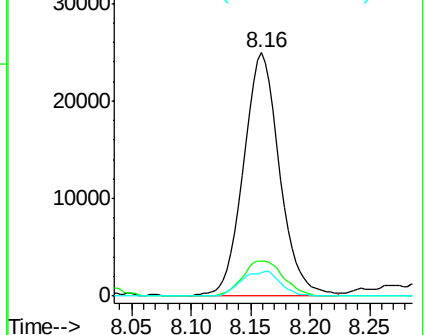
87 11.0 8.1 12.1

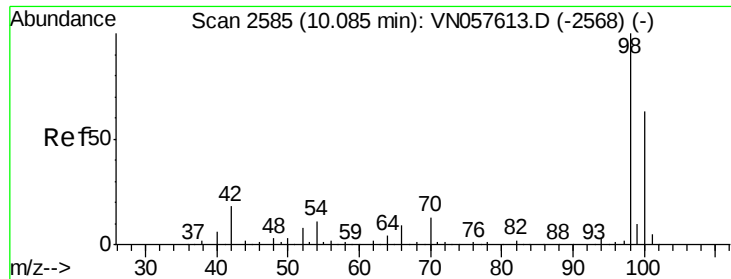


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 37.342 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057629.D

Acq: 31 Aug 2019 21:39

Instrument :

MSVOA_N

ClientSampleId :

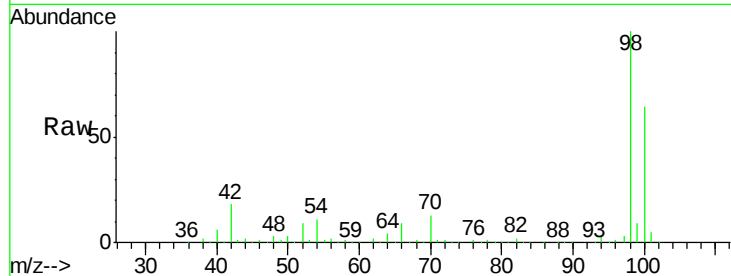
T4-S-E(0)

Tot Ion: 98 Resp: 667198

Ion Ratio Lower Upper

98 100

100 63.2 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

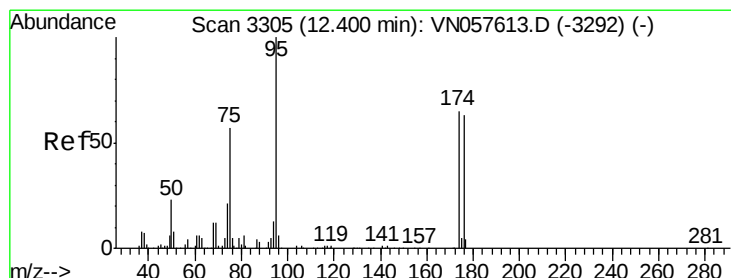
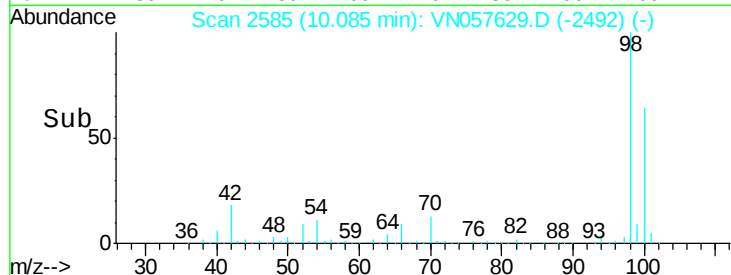
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 30.181 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057629.D

Acq: 31 Aug 2019 21:39

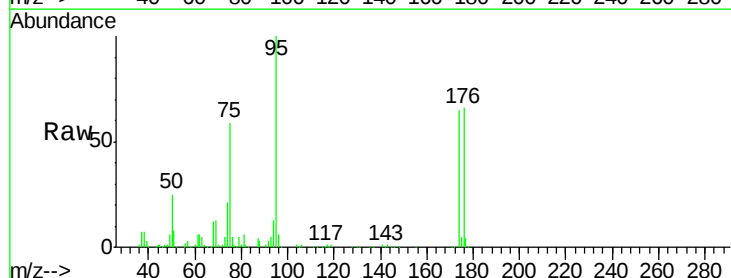
Tgt Ion: 95 Resp: 205058

Ion Ratio Lower Upper

95 100

174 66.6 0.0 134.8

176 66.9 0.0 131.6



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

12.40

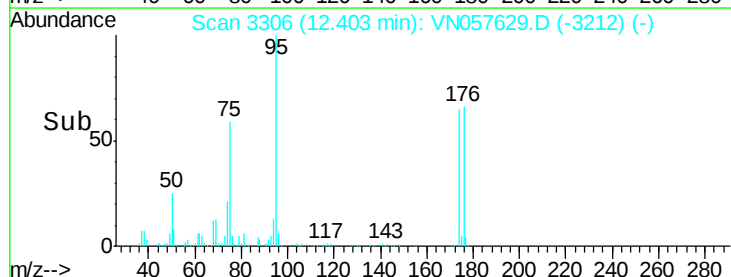
150000

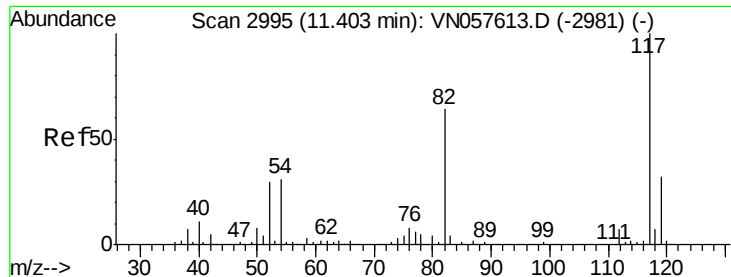
100000

50000

0

Time-->

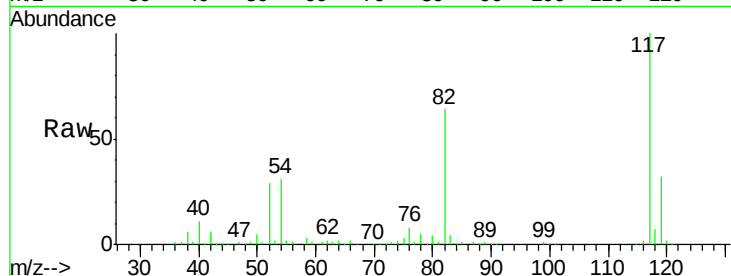




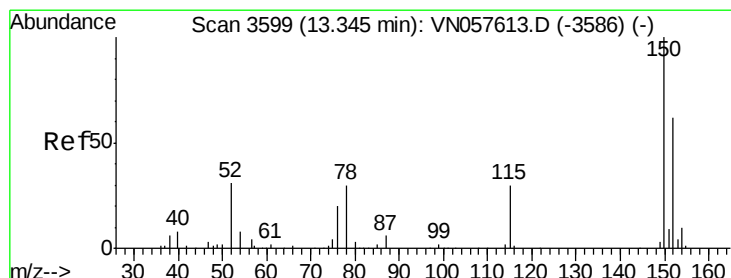
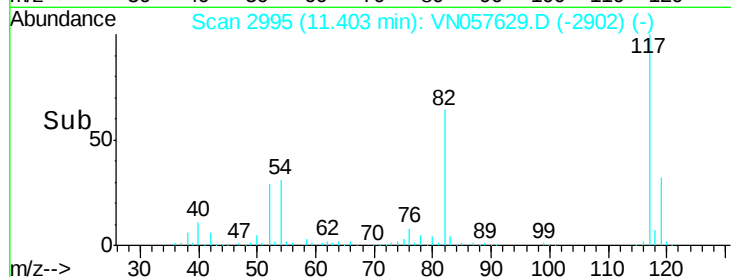
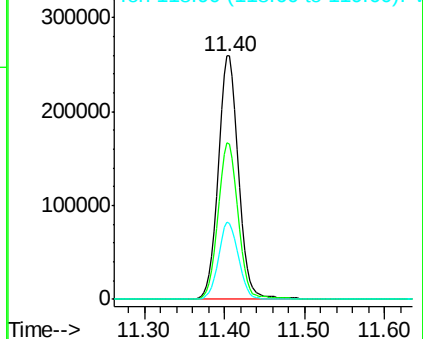
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057629.D
Acq: 31 Aug 2019 21:39

Instrument :
MSVOA_N
ClientSampleId :
T4-S-E(0)

Tot Ion:117 Resp: 457733
Ion Ratio Lower Upper
117 100
82 64.3 51.6 77.4
119 31.8 25.8 38.6

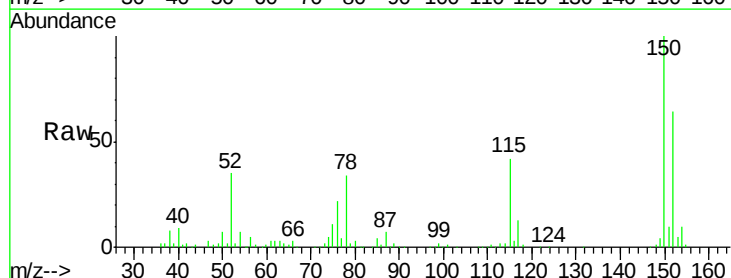


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057629.D
Acq: 31 Aug 2019 21:39

Tgt Ion:152 Resp: 139079
Ion Ratio Lower Upper
152 100
115 64.3 33.2 99.6
150 155.6 0.0 365.2



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

