

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081319\
 Data File : VN057257.D
 Acq On : 13 Aug 2019 19:48
 Operator : JC/SP
 Sample : K4290-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP-4

Quant Time: Aug 14 07:19:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 06:25:03 2019
 Response via : Initial Calibration

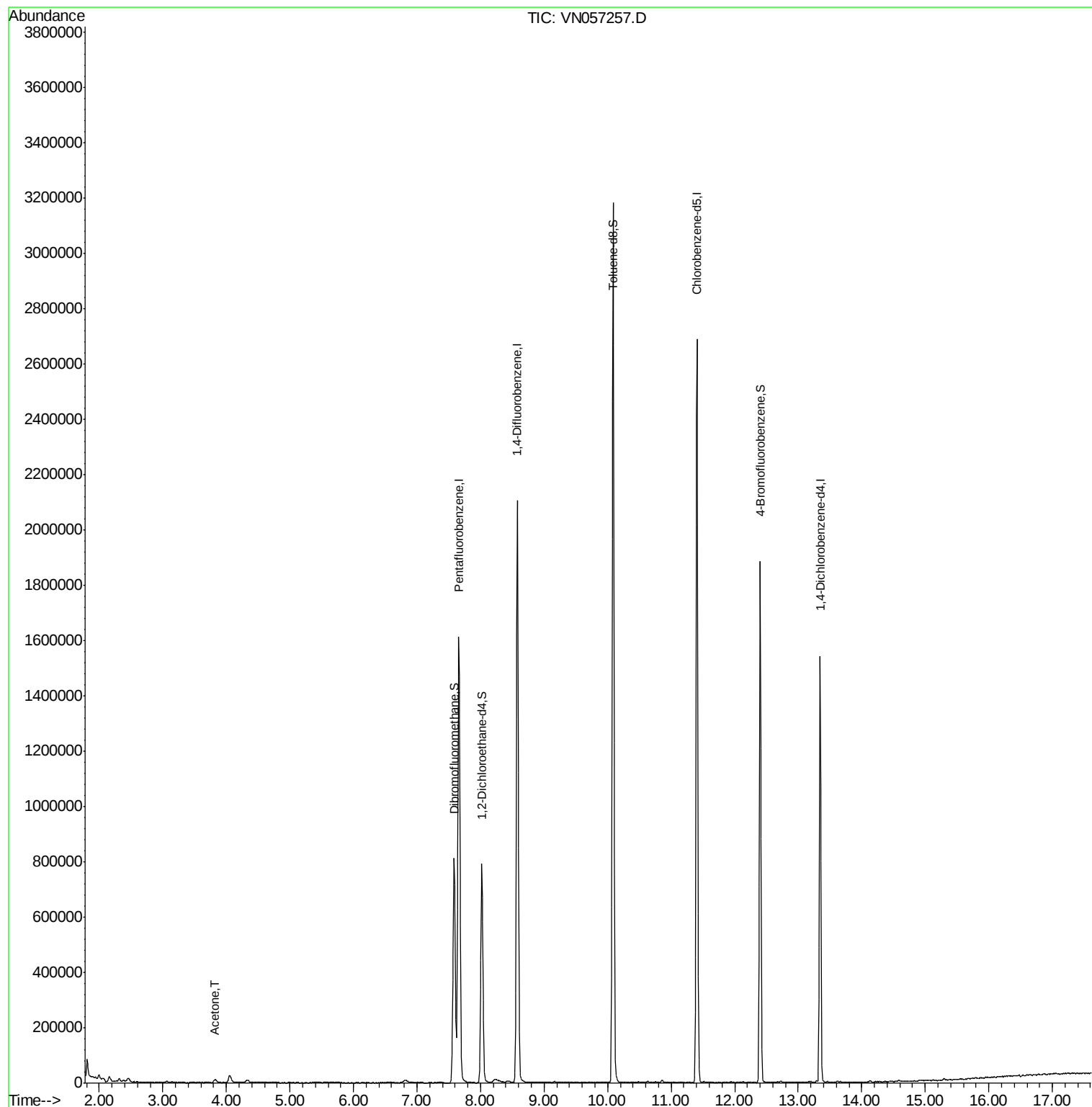
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1480157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2062528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1694572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	455495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	677852	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.80%	
35) Dibromofluoromethane	7.58	113	624240	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	10.09	98	2353278	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.40	95	642225	38.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.98%	
Target Compounds						
16) Acetone	3.82	43	16176	3.160	ug/l	Qvalue 97

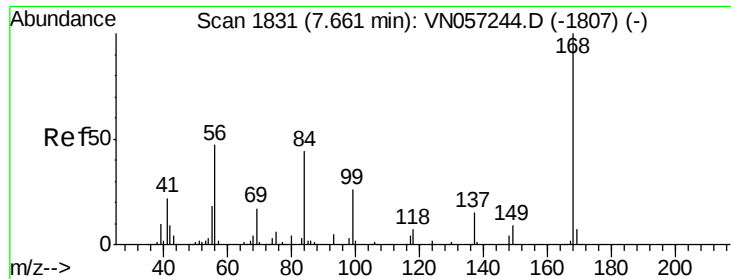
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN057257.D

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ClientSampleId :

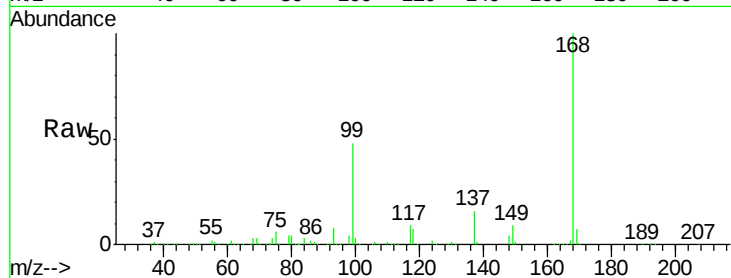
WP-4

Tot Ion:168 Resp: 1480157

Ion Ratio Lower Upper

168 100

99 48.3 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): VN057244.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN057244.D (-1807) (-)

7.66

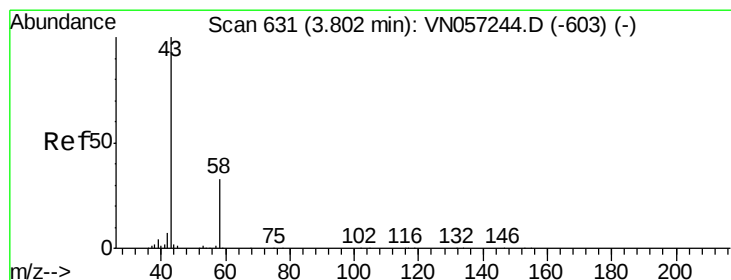
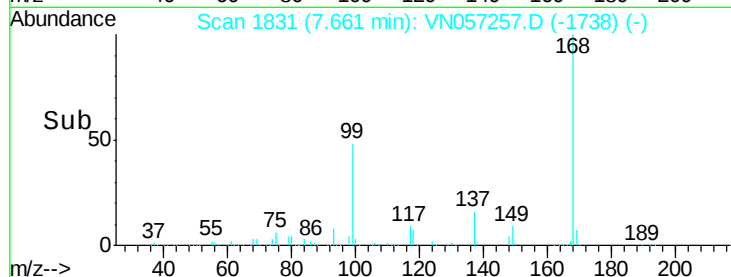
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 3.160 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.02 min

Lab File: VN057257.D

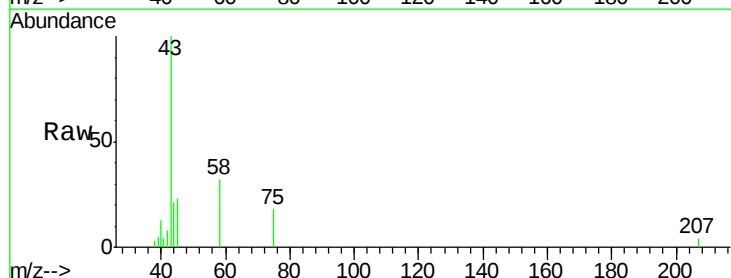
Acq: 13 Aug 2019 19:48

Tgt Ion: 43 Resp: 16176

Ion Ratio Lower Upper

43 100

58 31.9 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN057244.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN057244.D (-603) (-)

3.82

6000

5000

4000

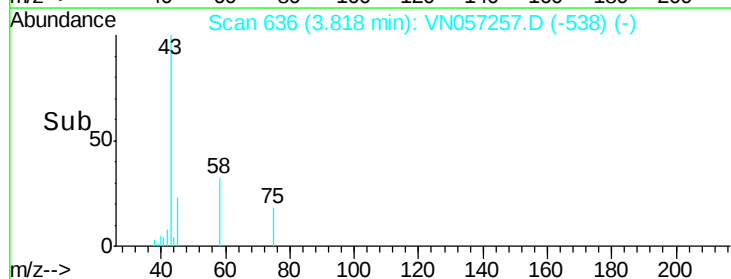
3000

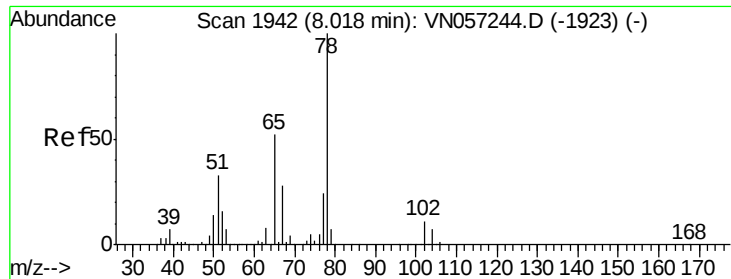
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.398 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057257.D

Acq: 13 Aug 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

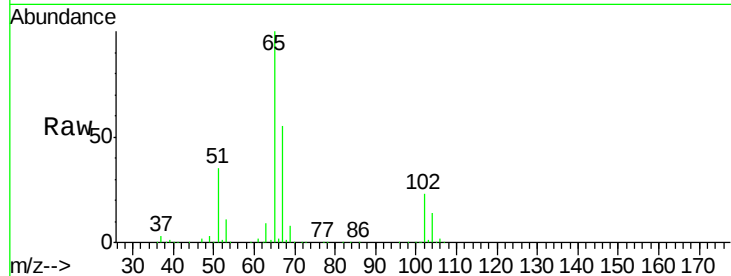
WP-4

Tot Ion: 65 Resp: 677852

Ion Ratio Lower Upper

65 100

67 54.8 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN057257.D (-1849) (-)

Ion 66.90 (66.60 to 67.60): VN057257.D (-1849) (-)

8.02

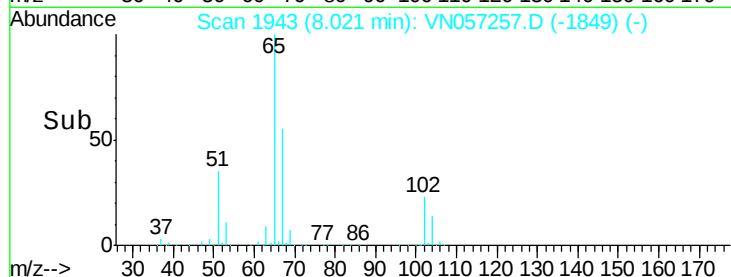
300000

200000

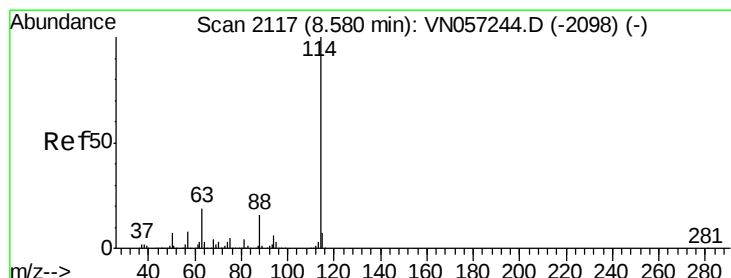
100000

0

Time-->



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN057257.D

Acq: 13 Aug 2019 19:48

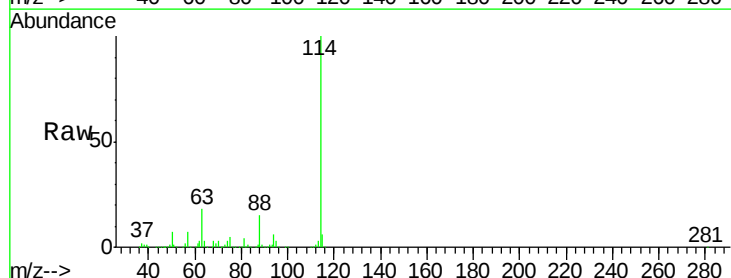
Tgt Ion: 114 Resp: 2062528

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.0

88 14.8 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN057257.D (-2024) (-)

Ion 63.00 (62.70 to 63.70): VN057257.D (-2024) (-)

Ion 87.90 (87.60 to 88.60): VN057257.D (-2024) (-)

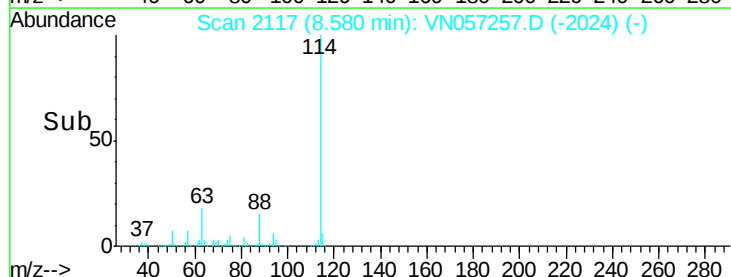
8.58

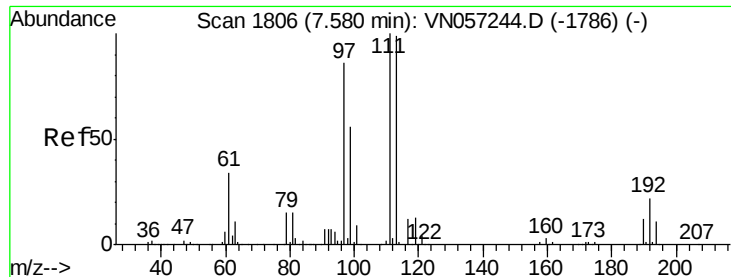
1000000

500000

0

Time-->

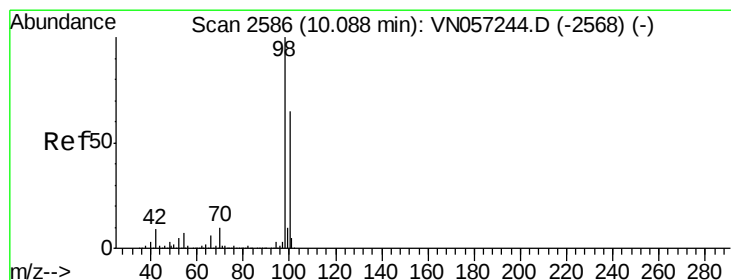
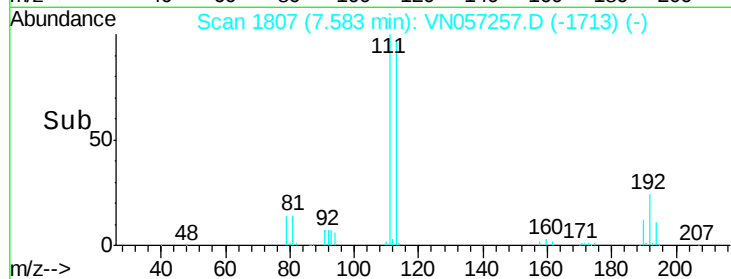
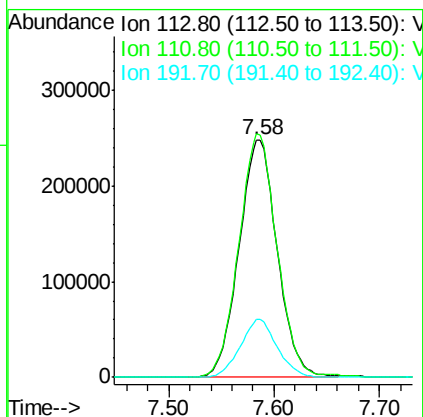
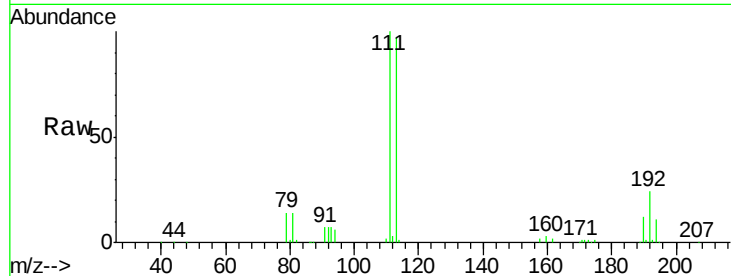




#35
 Dibromofluoromethane
 Concen: 47.400 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057257.D
 Acq: 13 Aug 2019 19:48

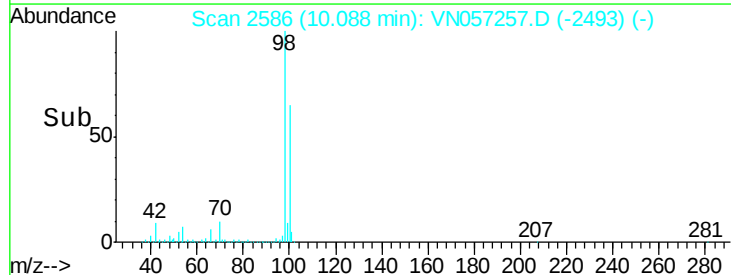
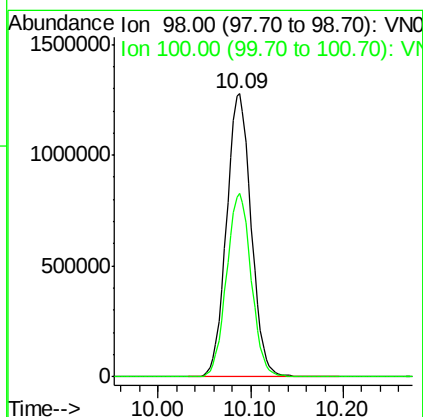
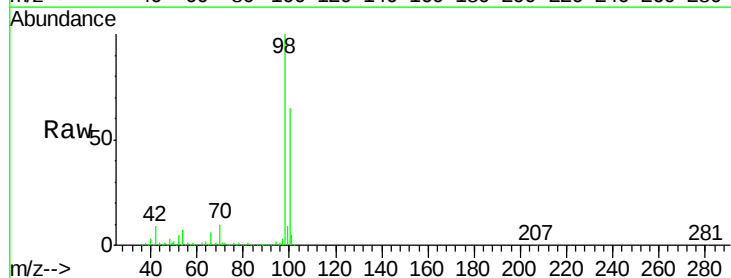
Instrument :
 MSVOA_N
 ClientSampleId :
 WP-4

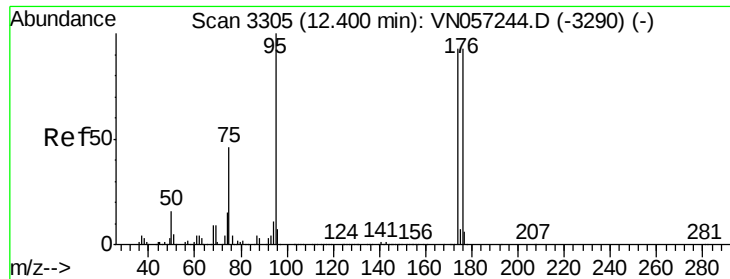
Tot Ion:113 Resp: 624240
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.2
 192 23.6 18.8 28.2



#50
 Toluene-d8
 Concen: 48.991 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN057257.D
 Acq: 13 Aug 2019 19:48

Tgt Ion: 98 Resp: 2353278
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.8 77.6





#62

4-Bromofluorobenzene

Concen: 38.986 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057257.D

Acq: 13 Aug 2019 19:48

Instrument :

MSVOA_N

ClientSampled :

WP-4

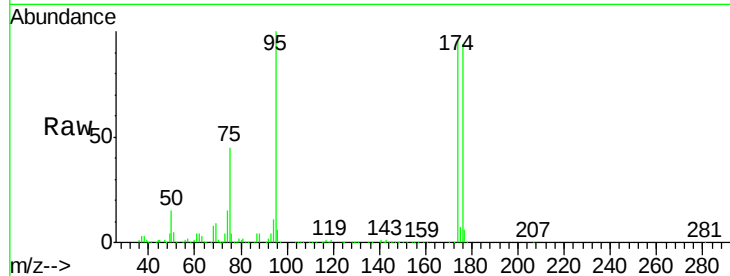
Tot Ion: 95 Resp: 642225

Ion Ratio Lower Upper

95 100

174 95.8 0.0 187.6

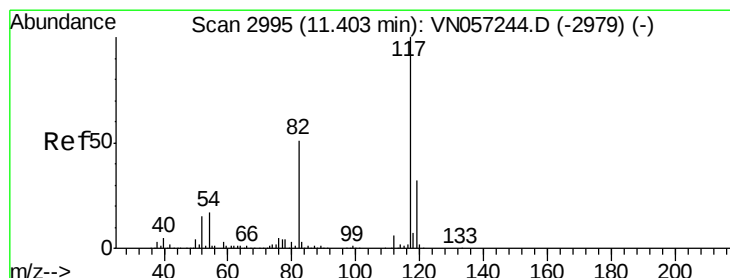
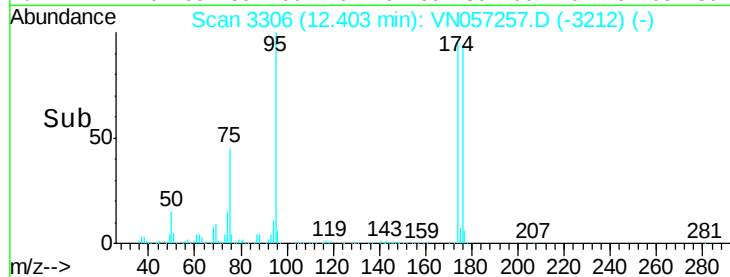
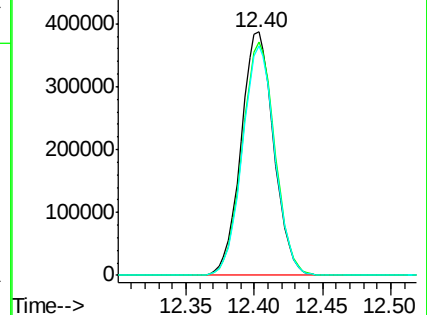
176 93.5 0.0 185.8



Abundance Ion 94.90 (94.60 to 95.60): VN057244.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057244.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057244.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057257.D

Acq: 13 Aug 2019 19:48

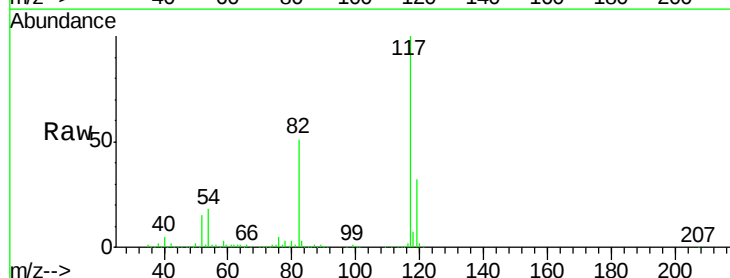
Tgt Ion: 117 Resp: 1694572

Ion Ratio Lower Upper

117 100

82 51.4 40.9 61.3

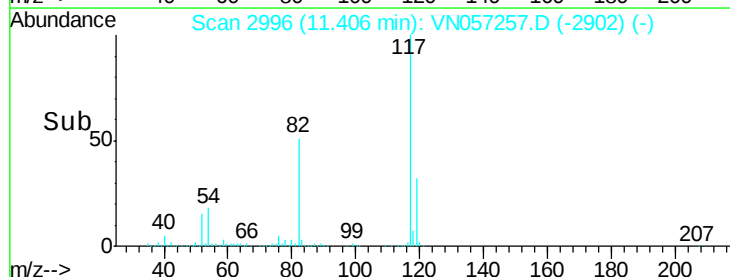
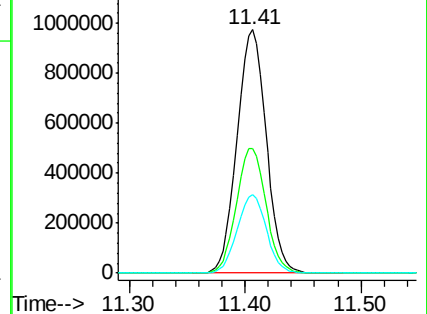
119 32.1 25.4 38.2

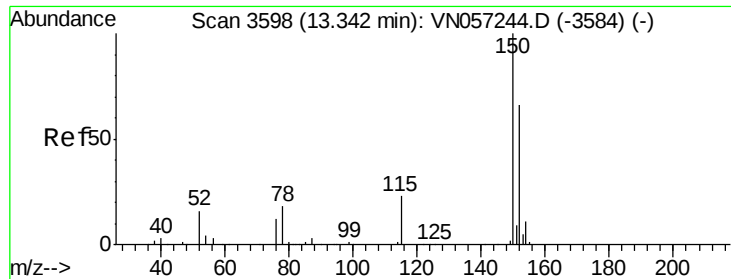


Abundance Ion 116.90 (116.60 to 117.60): VN057244.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN057244.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN057244.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057257.D

Acq: 13 Aug 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

WP-4

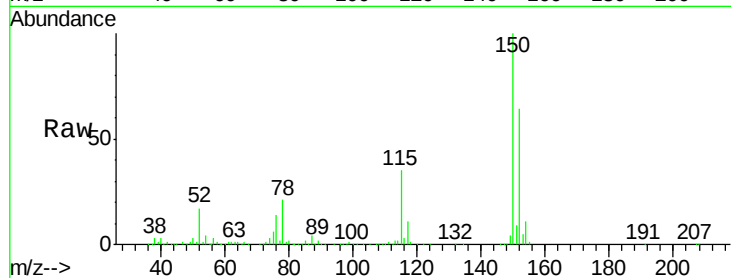
Tot Ion:152 Resp: 455495

Ion Ratio Lower Upper

152 100

115 54.0 27.6 82.8

150 155.3 0.0 348.4



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

