

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060518.D
 Acq On : 16 Mar 2020 13:21
 Operator : JC/MD
 Sample : PB127539TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127539TB

Quant Time: Mar 17 09:13:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

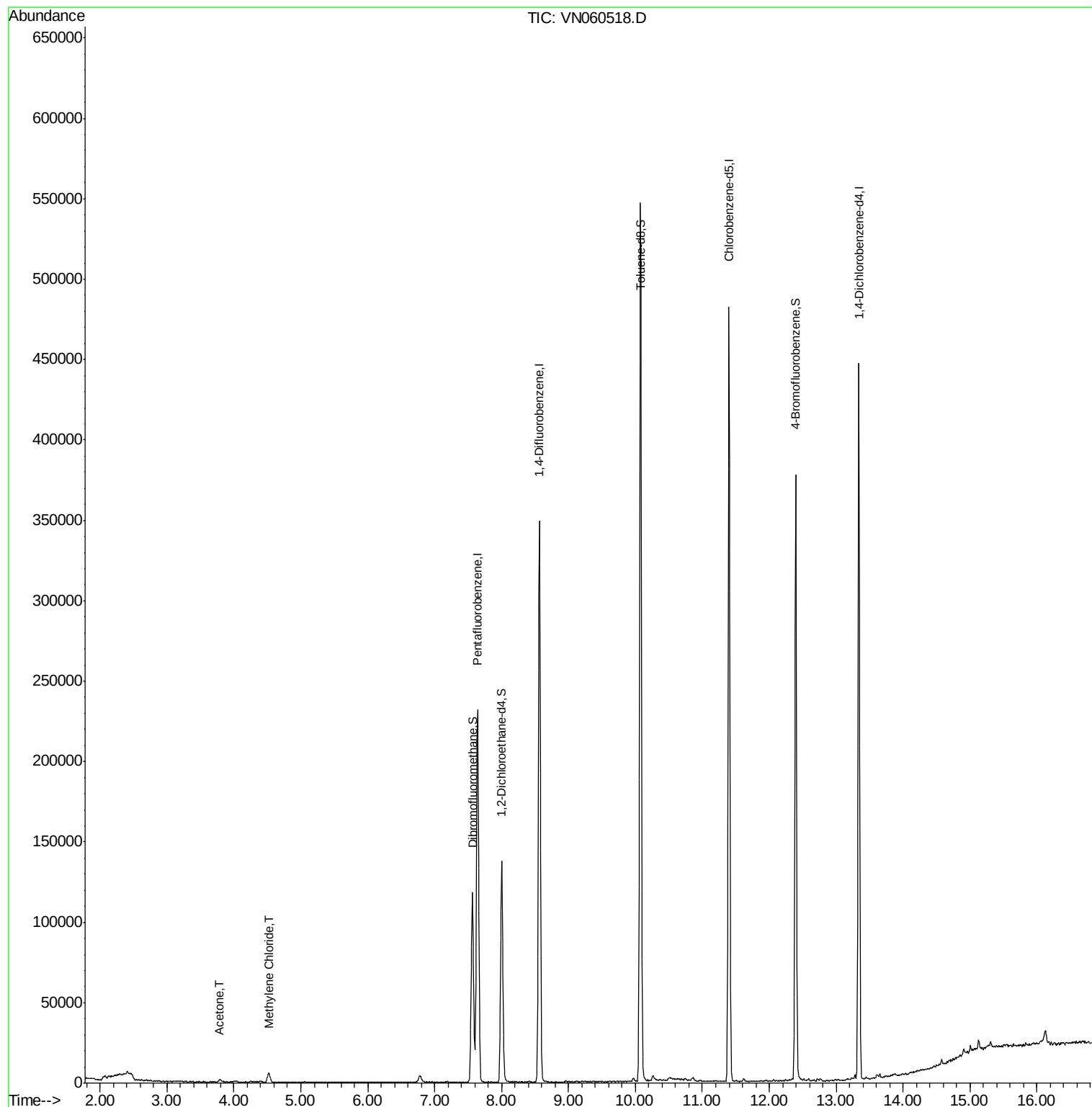
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	190333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	310112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	276975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	119322	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
35) Dibromofluoromethane	7.56	113	90410	62.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.62%	
50) Toluene-d8	10.08	98	376191	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.40	95	131926	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
Target Compounds						
16) Acetone	3.78	43	2967	3.762	ug/l	98
20) Methylene Chloride	4.52	84	4244	1.960	ug/l #	93

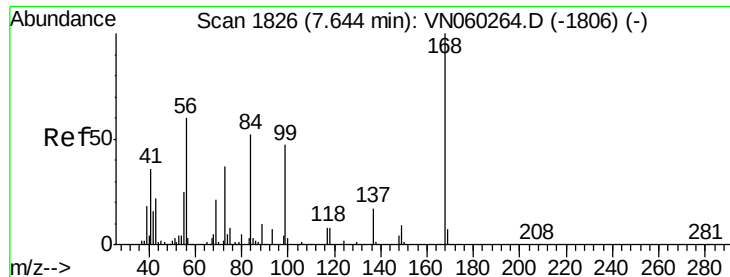
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060518.D

Acq: 16 Mar 2020 13:21

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MSVOA_N

ClientSampleId :

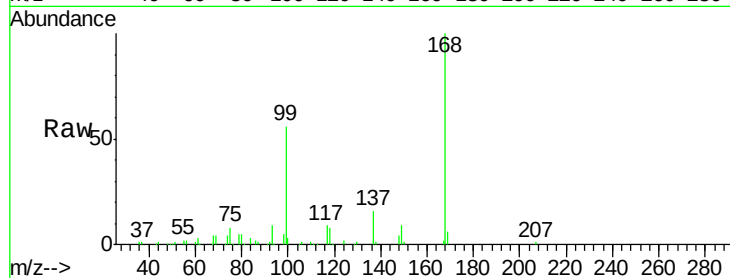
PB127539TB

Tot Ion:168 Resp: 190333

Ion Ratio Lower Upper

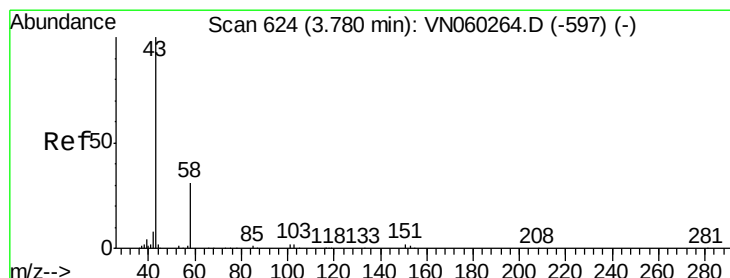
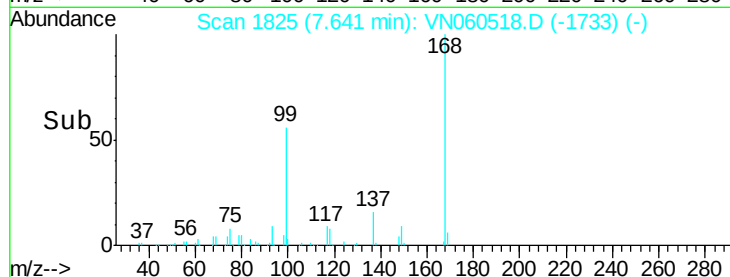
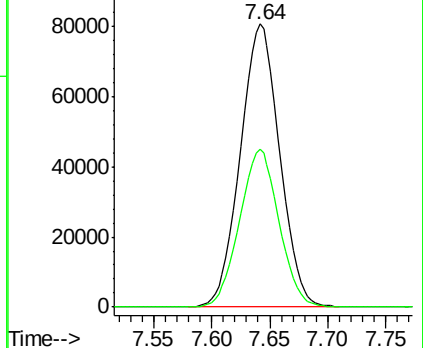
168 100

99 56.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 3.762 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060518.D

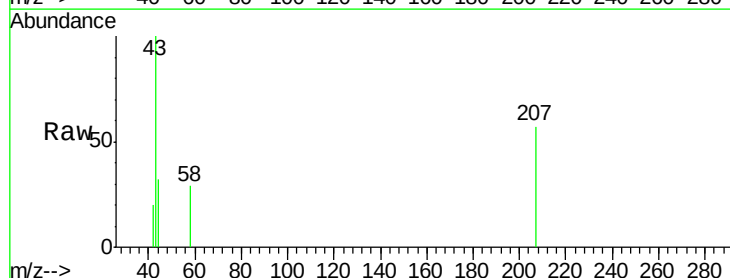
Acq: 16 Mar 2020 13:21

Tgt Ion: 43 Resp: 2967

Ion Ratio Lower Upper

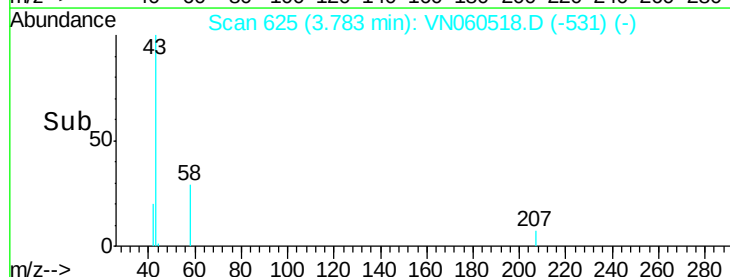
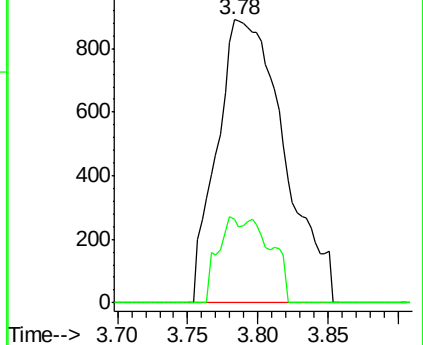
43 100

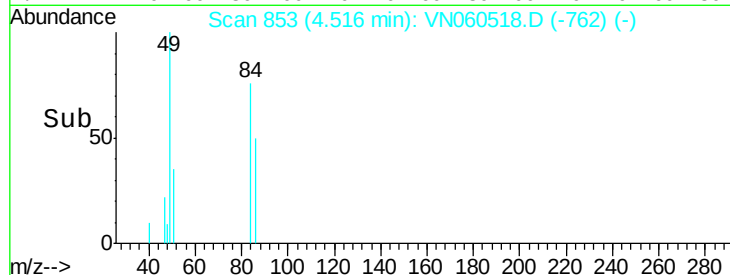
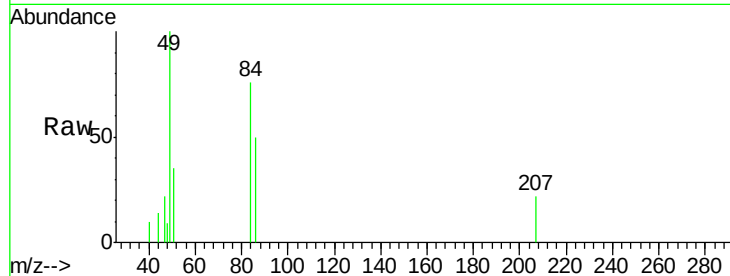
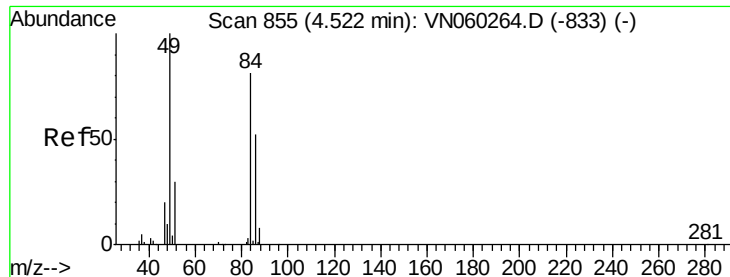
58 29.4 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

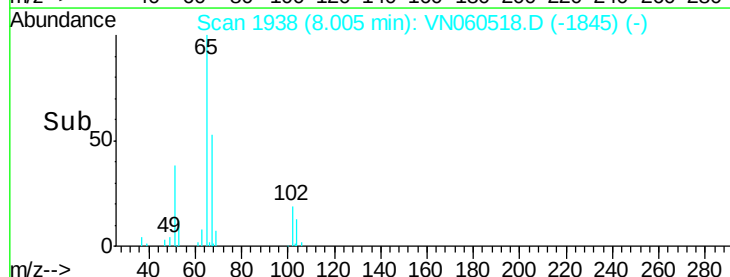
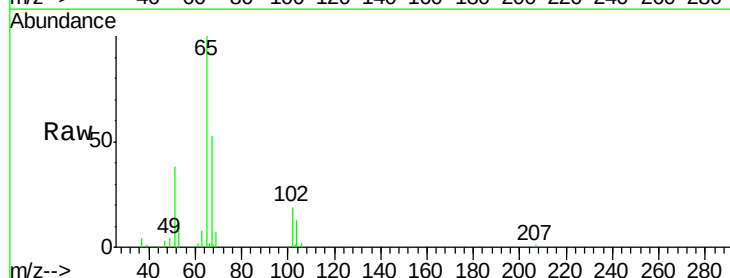
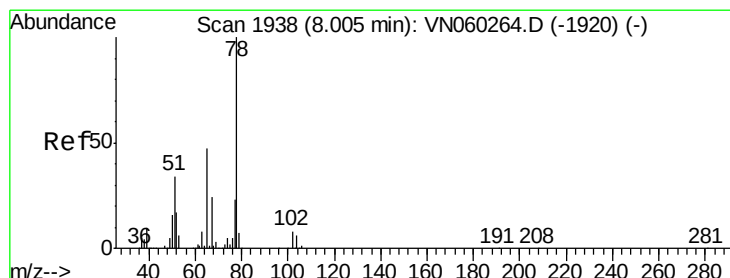
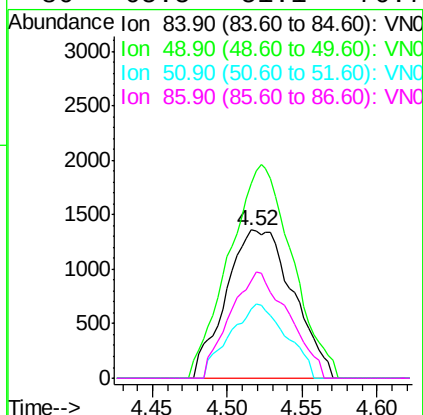




#20
Methylene Chloride
Concen: 1.960 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060518.D
Acq: 16 Mar 2020 13:21

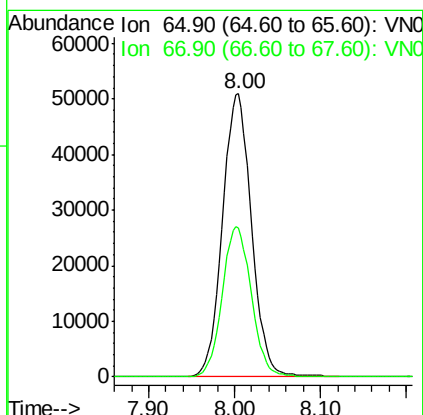
Instrument :
MSVOA_N
ClientSampleId :
PB127539TB

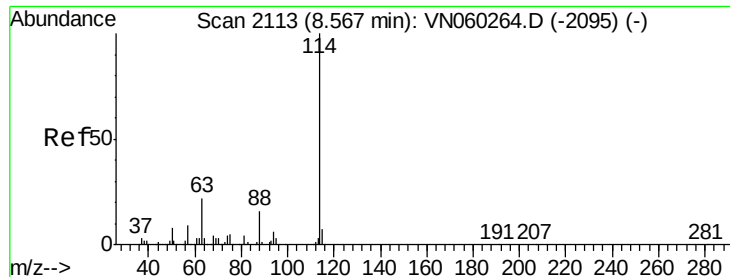
Tot Ion: 84 Resp: 4244
Ion Ratio Lower Upper
84 100
49 131.7 99.3 148.9
51 46.7 30.1 45.1#
86 65.5 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 48.862 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060518.D
Acq: 16 Mar 2020 13:21

Tgt Ion: 65 Resp: 119322
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.8

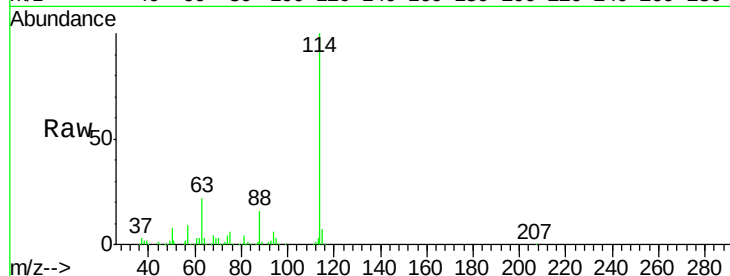




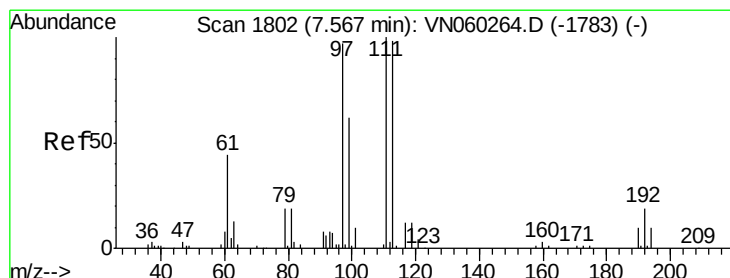
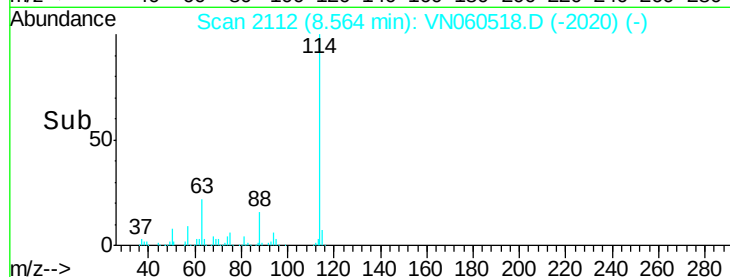
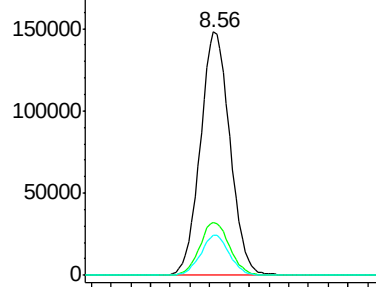
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060518.D
 Acq: 16 Mar 2020 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127539TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	16.5	0.0	31.6

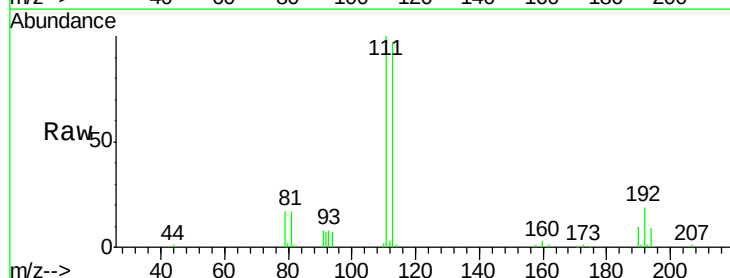


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

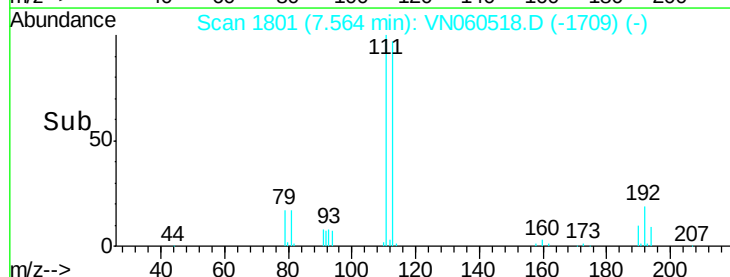
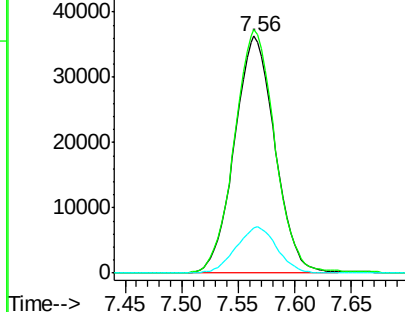


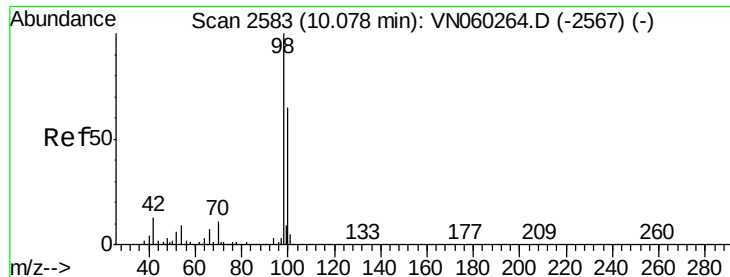
#35
 Dibromofluoromethane
 Concen: 62.809 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060518.D
 Acq: 16 Mar 2020 13:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	19.5	16.2	24.2



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





#50

Toluene-d8

Concen: 51.638 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060518.D

Acq: 16 Mar 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

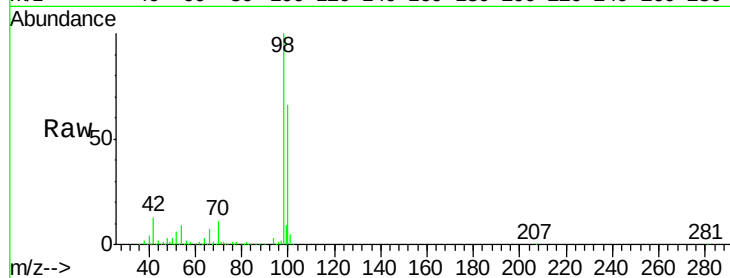
PB127539TB

Tot Ion: 98 Resp: 376191

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060518.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060518.D (-2490) (-)

10.08

200000

150000

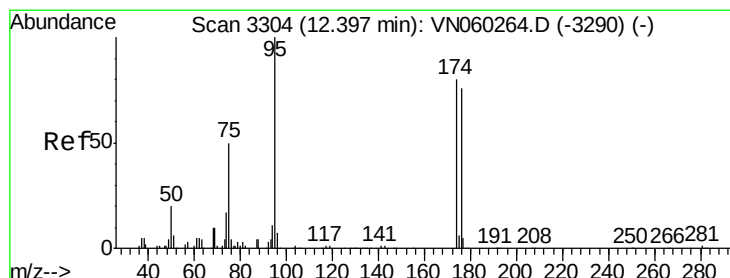
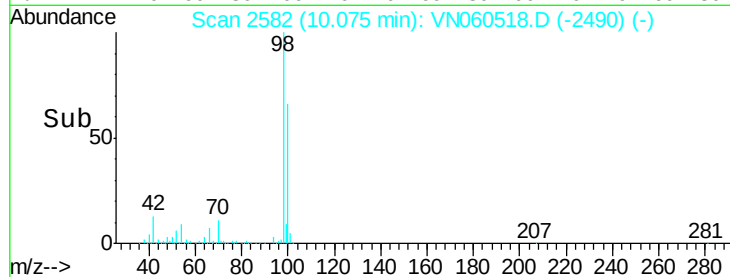
100000

50000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 47.771 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060518.D

Acq: 16 Mar 2020 13:21

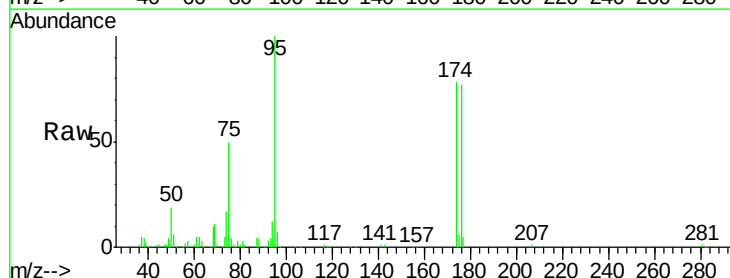
Tgt Ion: 95 Resp: 131926

Ion Ratio Lower Upper

95 100

174 78.0 0.0 159.2

176 75.8 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060518.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060518.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060518.D (-3211) (-)

12.40

100000

80000

60000

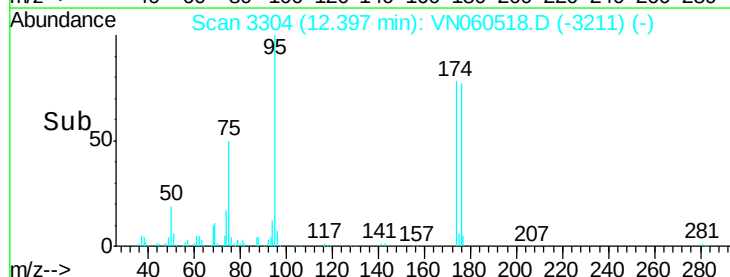
40000

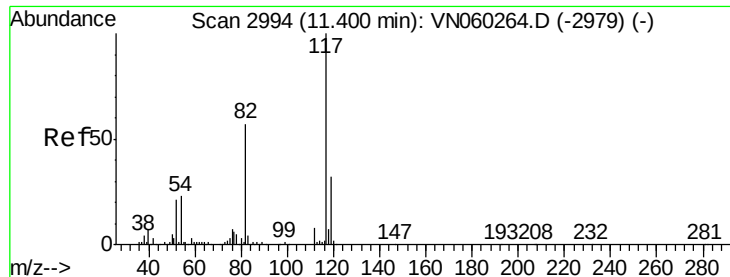
20000

0

12.30 12.40 12.50

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060518.D

Acq: 16 Mar 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

PB127539TB

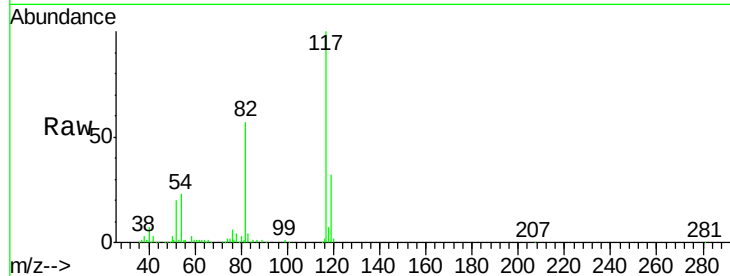
Tot Ion:117 Resp: 276975

Ion Ratio Lower Upper

117 100

82 57.0 45.8 68.6

119 31.6 25.8 38.8



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

200000

150000

100000

50000

0

11.40

11.35

11.30

11.25

11.20

11.15

11.10

11.05

11.00

10.95

10.90

10.85

10.80

10.75

10.70

10.65

10.60

10.55

10.50

10.45

10.40

10.35

10.30

10.25

10.20

10.15

10.10

10.05

10.00

9.95

9.90

9.85

9.80

9.75

9.70

9.65

9.60

9.55

9.50

9.45

9.40

9.35

9.30

9.25

9.20

9.15

9.10

9.05

9.00

8.95

8.90

8.85

8.80

8.75

8.70

8.65

8.60

8.55

8.50

8.45

8.40

8.35

8.30

8.25

8.20

8.15

8.10

8.05

8.00

7.95

7.90

7.85

7.80

7.75

7.70

7.65

7.60

7.55

7.50

7.45

7.40

7.35

7.30

7.25

7.20

7.15

7.10

7.05

7.00

6.95

6.90

6.85

6.80

6.75

6.70

6.65

6.60

6.55

6.50

6.45

6.40

6.35

6.30

6.25

6.20

6.15

6.10

6.05

6.00

5.95

5.90

5.85

5.80

5.75

5.70

5.65

5.60

5.55

5.50

5.45

5.40

5.35

5.30

5.25

5.20

5.15

5.10

5.05

5.00

4.95

4.90

4.85

4.80

4.75

4.70

4.65

4.60

4.55

4.50

4.45

4.40

4.35

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4.25

4.20

4.15

4.10

4.05

4.00

3.95

3.90

3.85

3.80

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3.65

3.60

3.55

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3.40

3.35

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3.25

3.20

3.15

3.10

3.05

3.00

2.95

2.90

2.85

2.80

2.75

2.70

2.65

2.60

2.55

2.50

2.45

2.40

2.35

2.30

2.25

2.20

2.15

2.10

2.05

2.00

1.95

1.90

1.85

1.80

1.75

1.70

1.65

1.60

1.55

1.50

1.45

1.40

1.35

1.30

1.25

1.20

1.15

1.10

1.05

1.00

0.95

0.90

0.85

0.80

0.75

0.70

0.65

0.60

0.55

0.50

0.45

0.40

0.35

0.30

0.25

0.20

0.15

0.10

0.05

0.00

-0.05

-0.10

-0.15

-0.20

-0.25

-0.30

-0.35

-0.40

-0.45

-0.50

-0.55

-0.60

-0.65

-0.70

-0.75

-0.80

-0.85

-0.90

-0.95

-1.00

-1.05

-1.10

-1.15

-1.20

-1.25

-1.30

-1.35

-1.40