

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062718\
 Data File : VN049574.D
 Acq On : 27 Jun 2018 16:05
 Operator : MD\SY
 Sample : J3667-02RE 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-PAINT-CHIPRE

Quant Time: Jun 28 03:22:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	1130412	50.00	ug/l	0.08
34) 1,4-Difluorobenzene	8.64	114	1838946	50.00	ug/l	0.06
63) Chlorobenzene-d5	11.42	117	1415189	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.35	152	538579	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.11	65	770501	51.39	ug/l	0.08
Spiked Amount			Recovery	=	102.78%	
35) Dibromofluoromethane	7.68	113	401446	26.98	ug/l	0.09
Spiked Amount			Recovery	=	53.96%	
50) Toluene-d8	10.12	98	2400001	42.37	ug/l	0.03
Spiked Amount			Recovery	=	84.74%	
62) 4-Bromofluorobenzene	12.41	95	657163	35.08	ug/l	0.00
Spiked Amount			Recovery	=	70.16%	

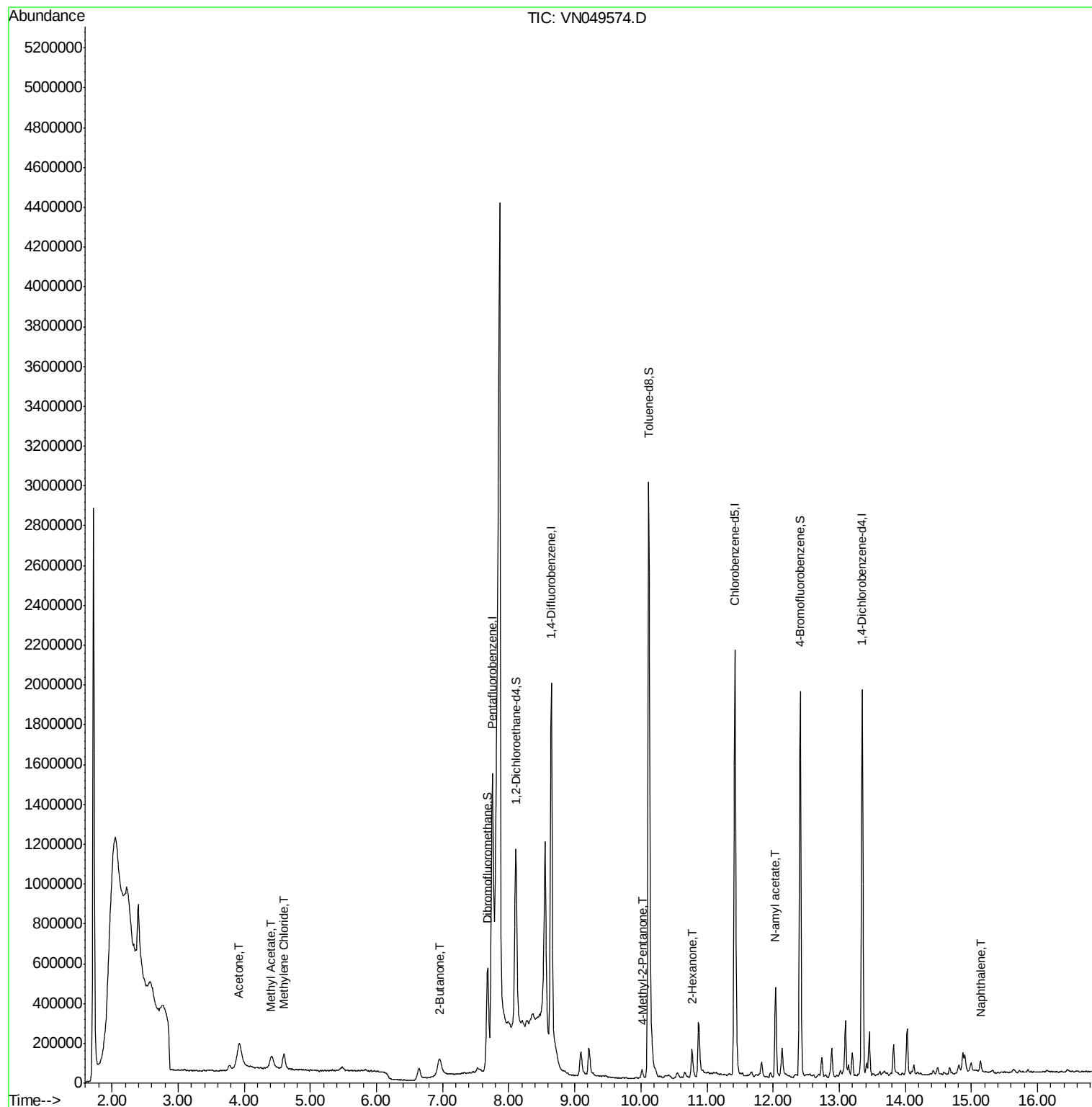
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.92	43	516409	141.86	ug/l	97
18) Methyl Acetate	4.42	43	170821	15.39	ug/l	95
20) Methylene Chloride	4.60	84	55837	3.67	ug/l	95
25) 2-Butanone	6.95	43	246646	50.46	ug/l	99
51) 4-Methyl-2-Pentanone	10.02	43	28003	2.44	ug/l	90
59) 2-Hexanone	10.77	43	101983	13.79	ug/l	99
74) N-amyl acetate	12.04	43	274024	23.66	ug/l #	51
95) Naphthalene	15.14	128	43195	4.95	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. 0.08 min

Lab File: VN049574.D

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ClientSampleId :

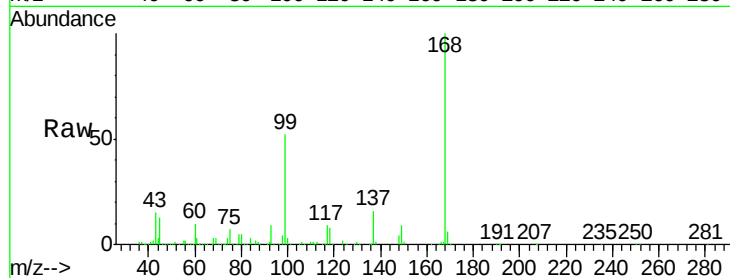
CS-PAINT-CHIPRE

Tot Ion:168 Resp: 1130412

Ion Ratio Lower Upper

168 100

99 52.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

500000

400000

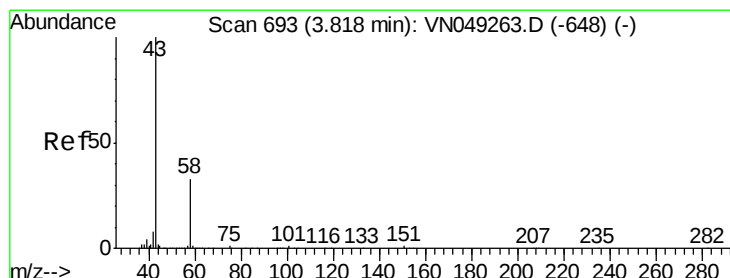
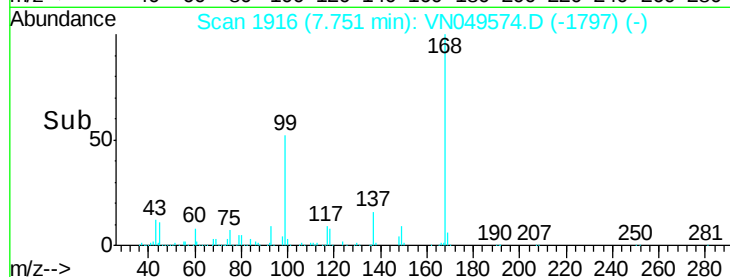
300000

200000

100000

0

Time--> 7.65 7.70 7.75 7.80 7.85



#16

Acetone

Concen: 141.86 ug/l

RT: 3.92 min Scan# 725

Delta R.T. 0.10 min

Lab File: VN049574.D

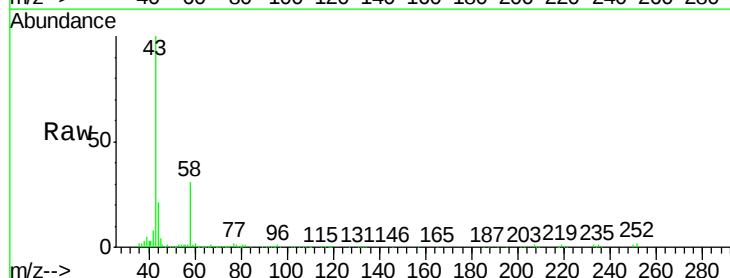
Acq: 27 Jun 2018 16:05

Tgt Ion: 43 Resp: 516409

Ion Ratio Lower Upper

43 100

58 26.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.92

100000

80000

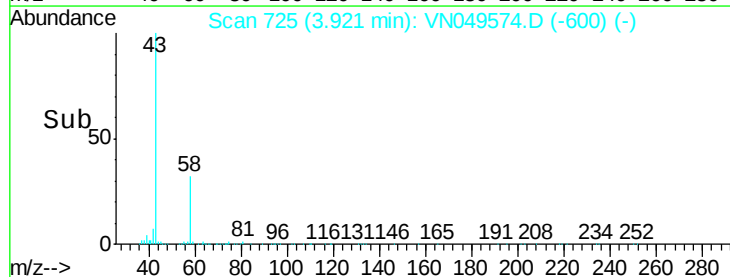
60000

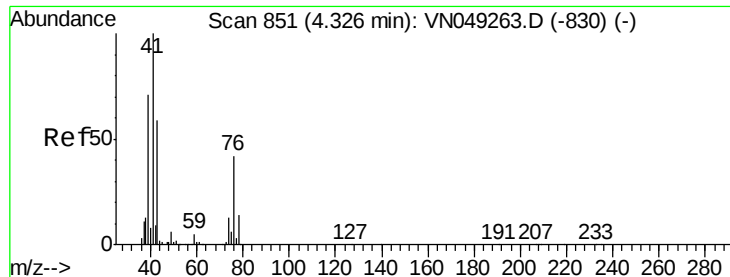
40000

20000

0

Time--> 3.70 3.80 3.90 4.00 4.10





#18

Methyl Acetate

Concen: 15.39 ug/l

RT: 4.42 min Scan# 879

Delta R.T. 0.09 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

ClientSampleId :

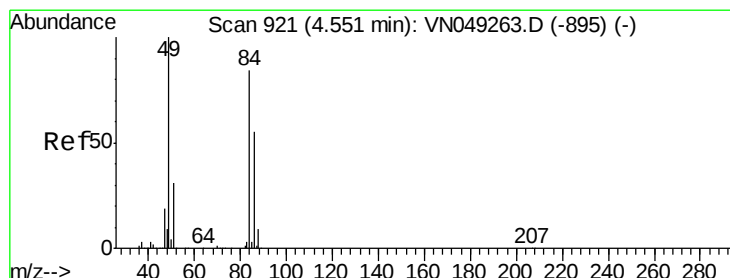
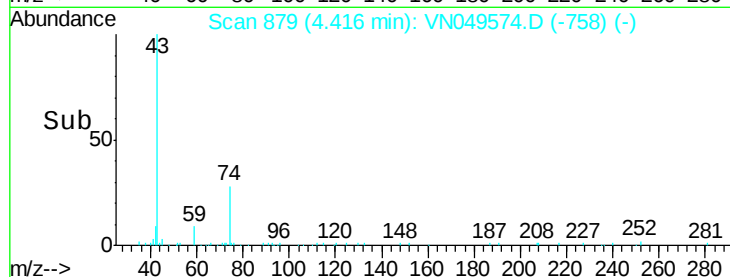
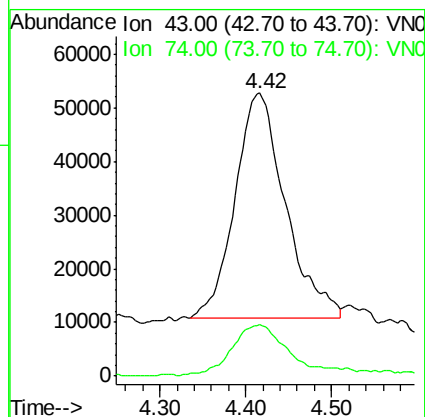
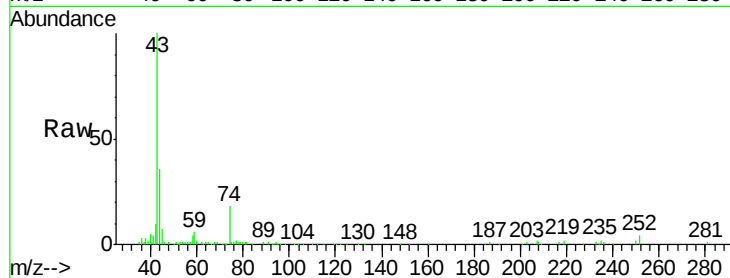
CS-PAINT-CHIPRE

Tot Ion: 43 Resp: 170821

Ion Ratio Lower Upper

43 100

74 23.9 17.4 26.0



#20

Methylene Chloride

Concen: 3.67 ug/l

RT: 4.60 min Scan# 937

Delta R.T. 0.05 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Tgt Ion: 84 Resp: 55837

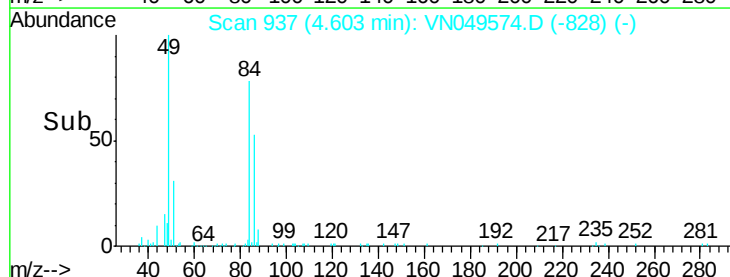
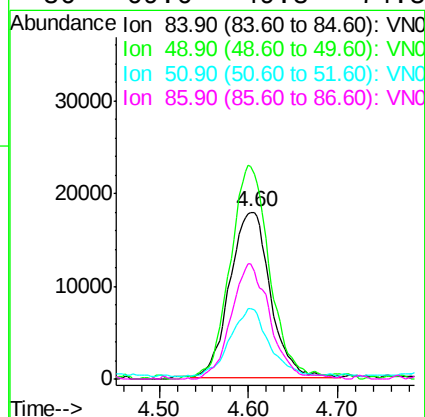
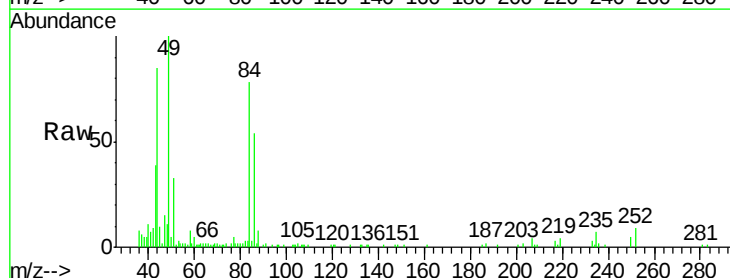
Ion Ratio Lower Upper

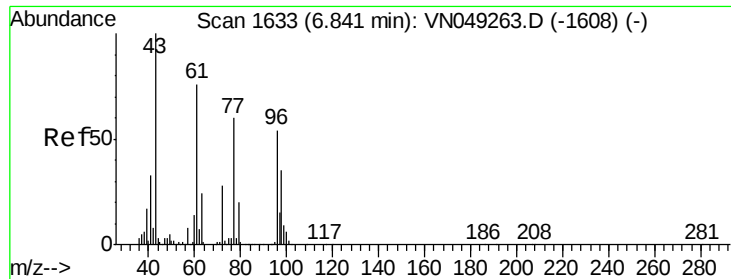
84 100

49 127.4 106.9 160.3

51 41.0 32.7 49.1

86 69.6 49.8 74.8





#25

2-Butanone

Concen: 50.46 ug/l

RT: 6.95 min Scan# 1667

Delta R.T. 0.11 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

ClientSampleId :

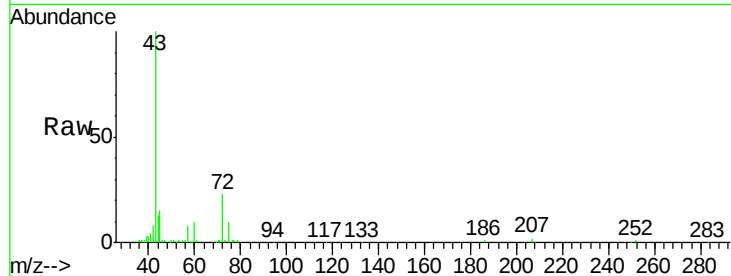
CS-PAINT-CHIPRE

Tot Ion: 43 Resp: 246646

Ion Ratio Lower Upper

43 100

72 24.5 20.2 30.2



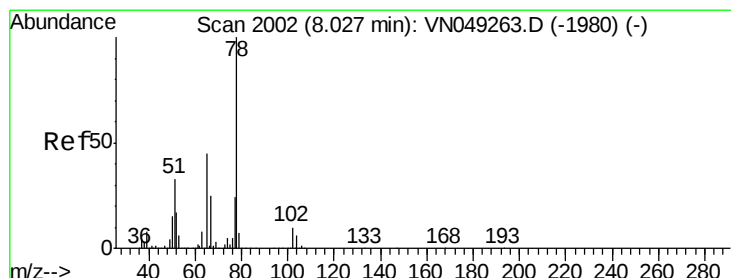
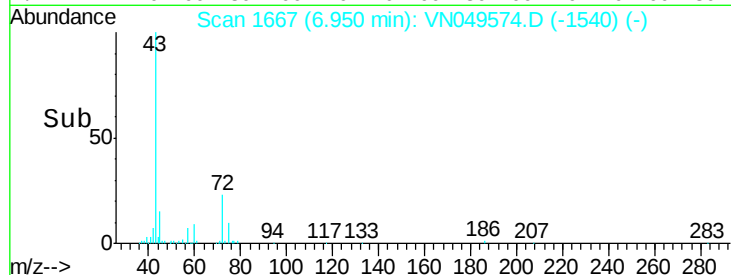
Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-1608) (-)

Ion 72.00 (71.70 to 72.70): VN049263.D (-1608) (-)

6.95

6.80 6.90 7.00 7.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.39 ug/l

RT: 8.11 min Scan# 2027

Delta R.T. 0.08 min

Lab File: VN049574.D

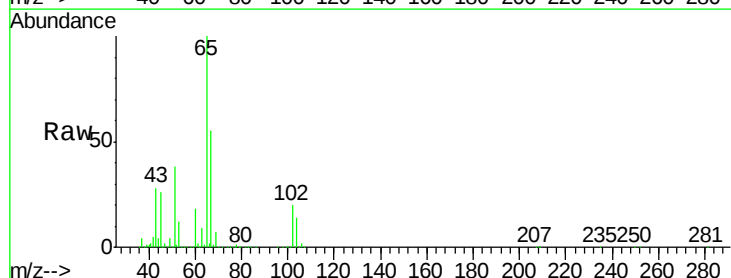
Acq: 27 Jun 2018 16:05

Tgt Ion: 65 Resp: 770501

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.8



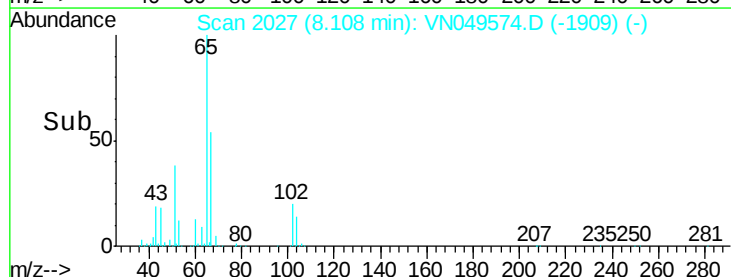
Abundance Ion 64.90 (64.60 to 65.60): VN049263.D (-1980) (-)

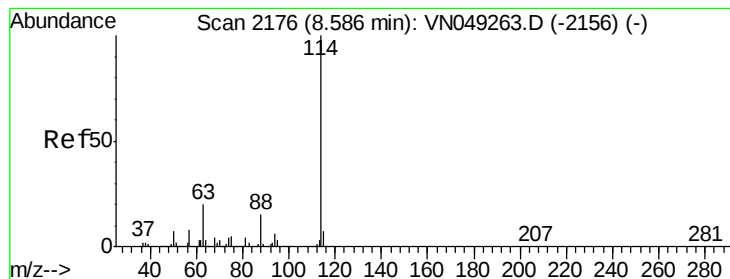
Ion 66.90 (66.60 to 67.60): VN049263.D (-1980) (-)

8.11

8.00 8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.64 min Scan# 2194

Delta R.T. 0.06 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

ClientSampleId :

CS-PAINT-CHIPRE

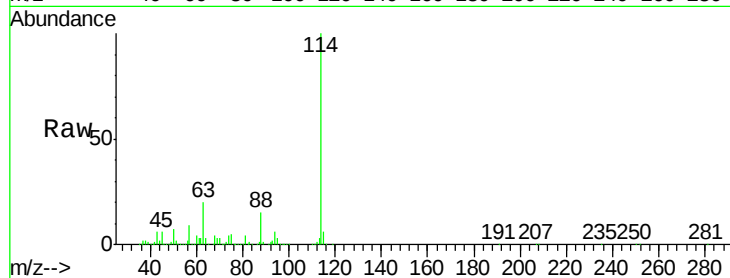
Tot Ion:114 Resp: 1838946

Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.4

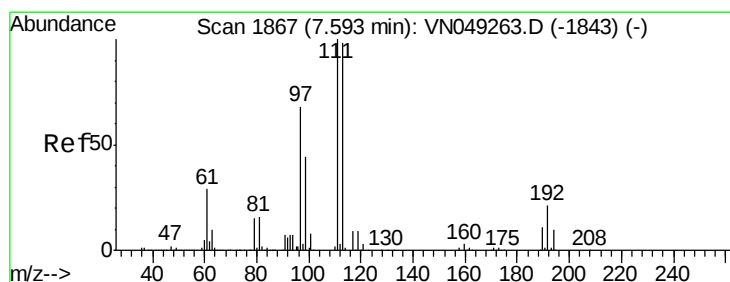
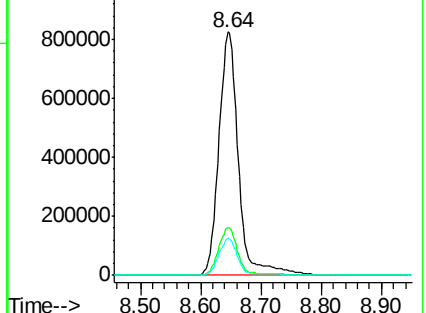
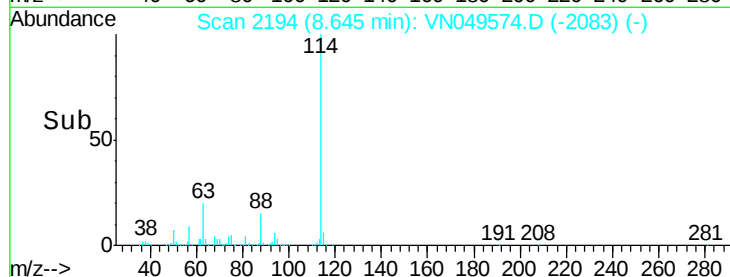
88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 26.98 ug/l

RT: 7.68 min Scan# 1895

Delta R.T. 0.09 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

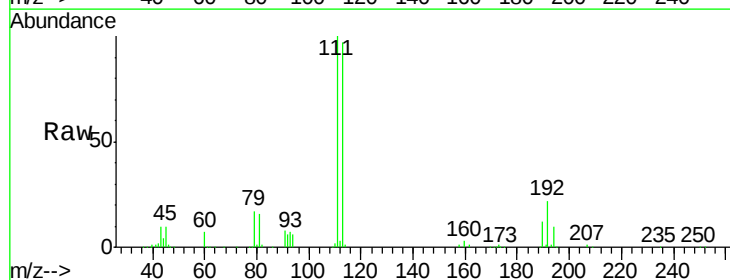
Tgt Ion:113 Resp: 401446

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

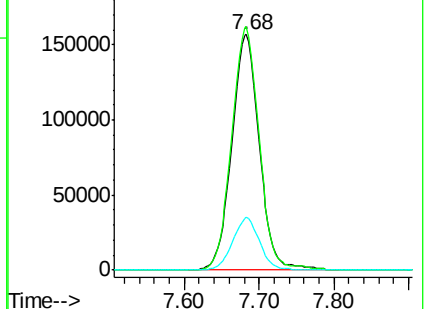
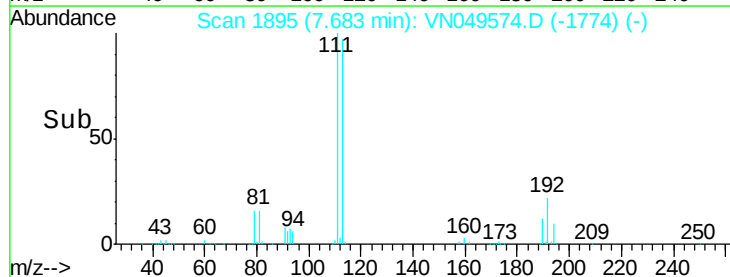
192 21.8 15.0 22.6

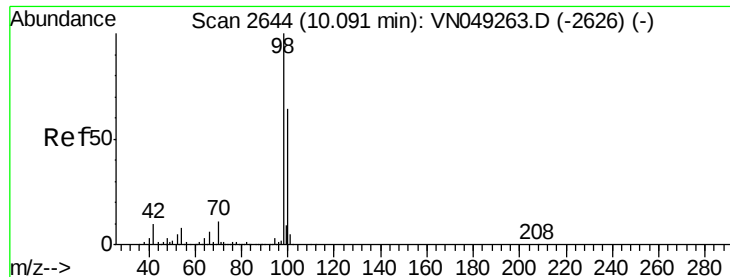


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 42.37 ug/l

RT: 10.12 min Scan# 2653

Delta R.T. 0.03 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

ClientSampleId :

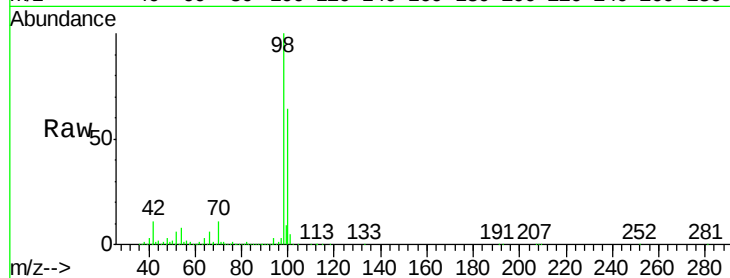
CS-PAINT-CHIPRE

Tot Ion: 98 Resp: 2400001

Ion Ratio Lower Upper

98 100

100 64.1 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)

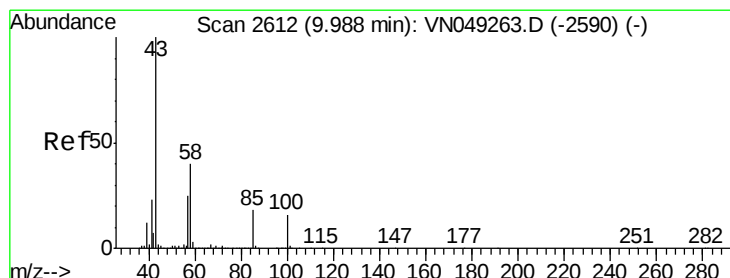
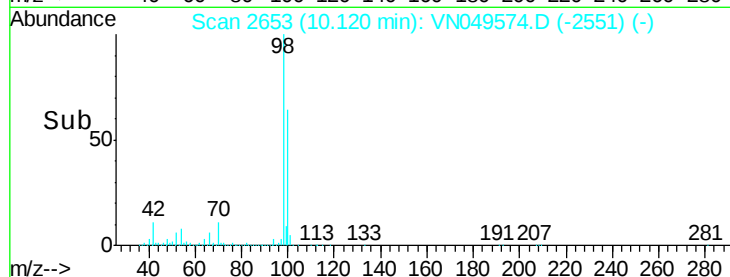
10.12

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 2.44 ug/l

RT: 10.02 min Scan# 2621

Delta R.T. 0.03 min

Lab File: VN049574.D

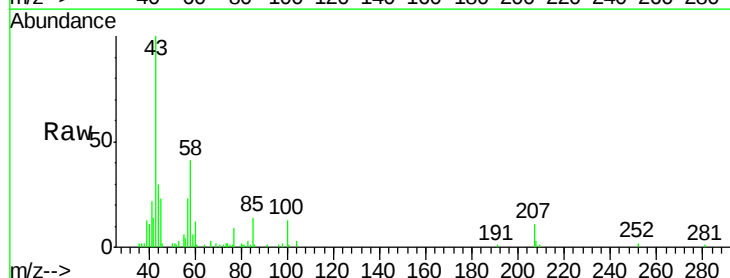
Acq: 27 Jun 2018 16:05

Tgt Ion: 43 Resp: 28003

Ion Ratio Lower Upper

43 100

58 41.9 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2590) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)

10.02

20000

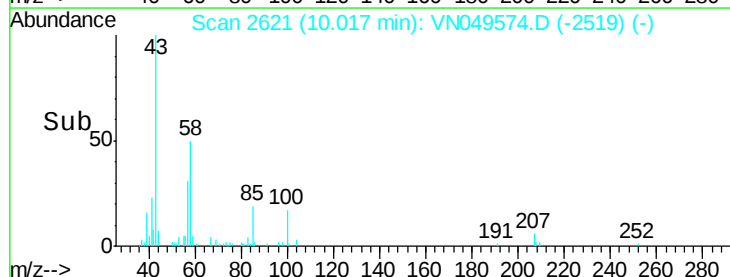
15000

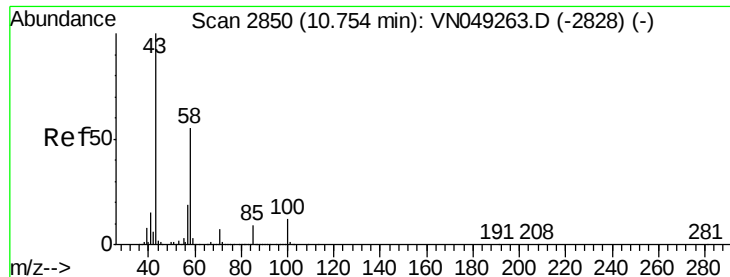
10000

5000

0

Time-->





#59

2-Hexanone

Concen: 13.79 ug/l

RT: 10.77 min Scan# 2856

Delta R.T. 0.02 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

ClientSampleId :

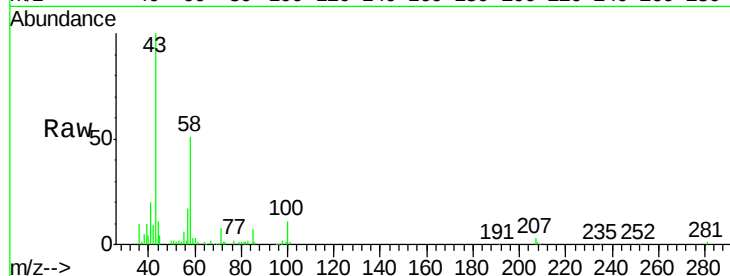
CS-PAINT-CHIPRE

Tot Ion: 43 Resp: 101983

Ion Ratio Lower Upper

43 100

58 51.4 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.77

60000

50000

40000

30000

20000

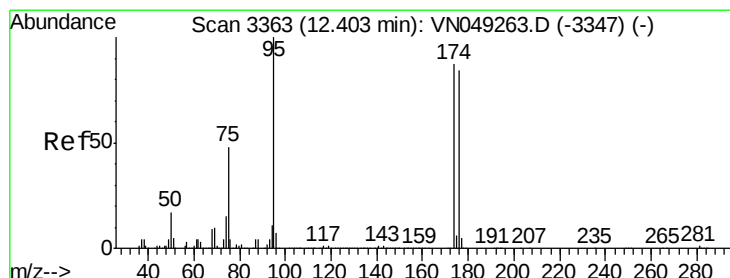
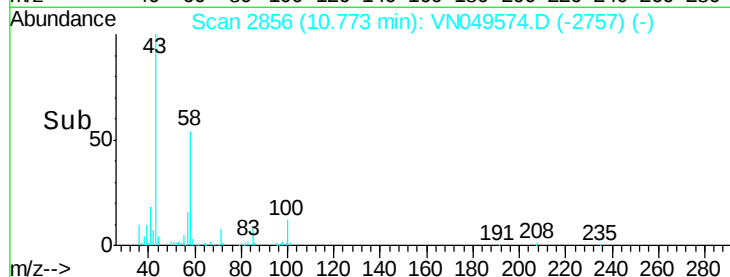
10000

0

Time-->

10.70

10.80



#62

4-Bromofluorobenzene

Concen: 35.08 ug/l

RT: 12.41 min Scan# 3365

Delta R.T. 0.01 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

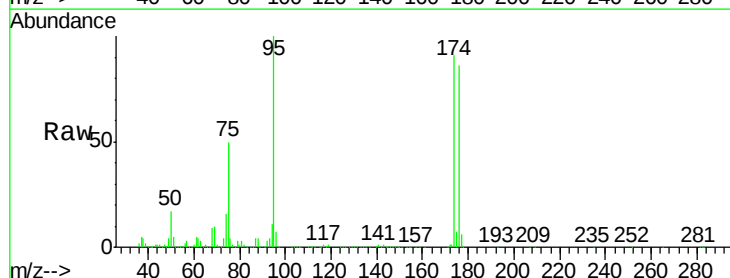
Tgt Ion: 95 Resp: 657163

Ion Ratio Lower Upper

95 100

174 90.9 0.0 165.6

176 86.0 0.0 157.4



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

12.41

500000

400000

300000

200000

100000

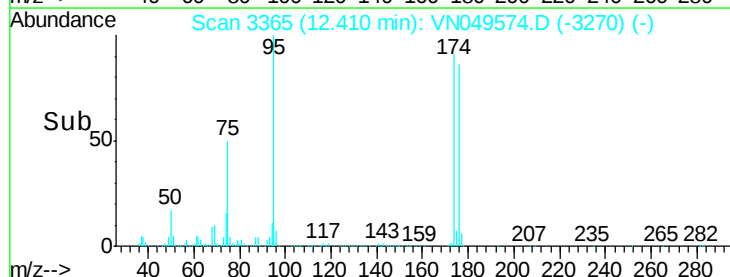
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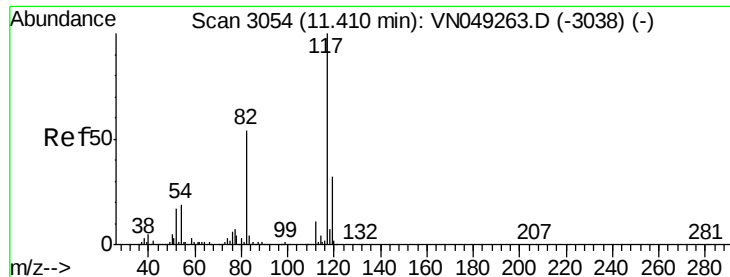
Time-->

12.30

12.40

12.50





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.42 min Scan# 3058

Delta R.T. 0.01 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

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ClientSampleId :

CS-PAINT-CHIPRE

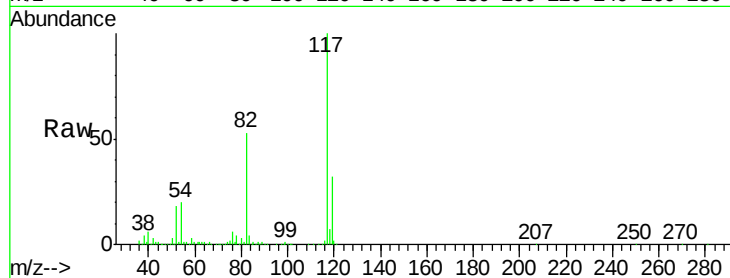
Tot Ion:117 Resp: 1415189

Ion Ratio Lower Upper

117 100

82 53.5 45.9 68.9

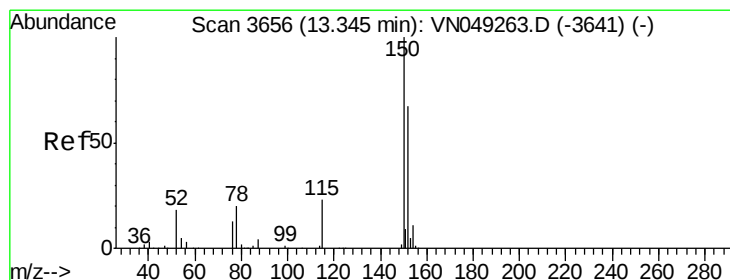
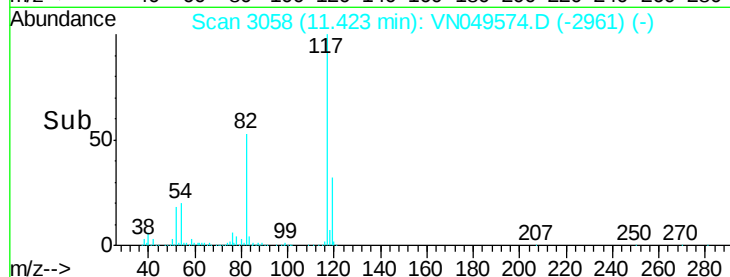
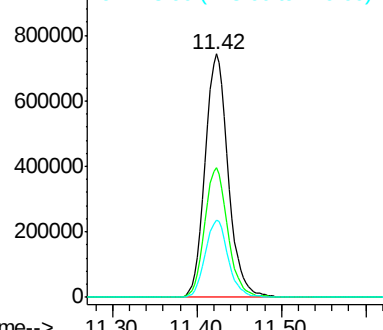
119 31.9 25.5 38.3



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: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

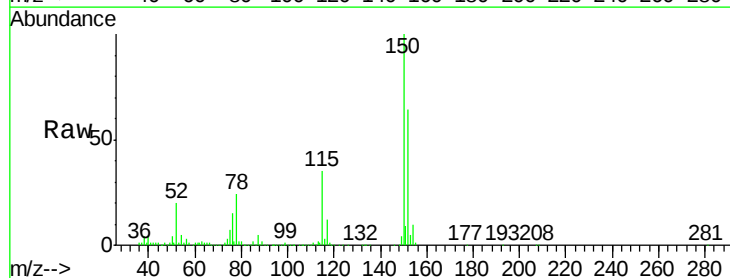
Tgt Ion:152 Resp: 538579

Ion Ratio Lower Upper

152 100

115 55.8 28.7 86.1

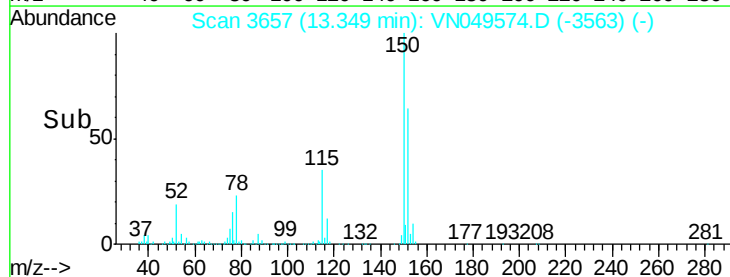
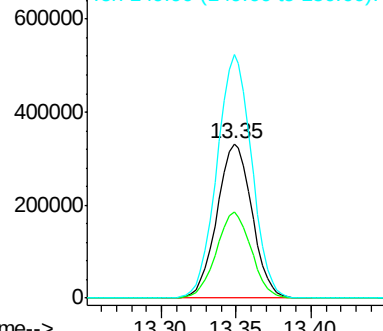
150 157.3 0.0 351.0

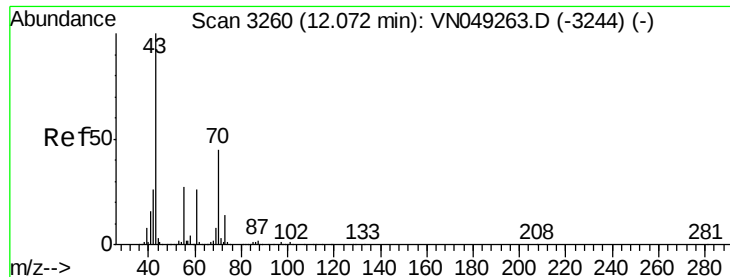


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 23.66 ug/l

RT: 12.04 min Scan# 3249

Delta R.T. -0.04 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

Instrument :

MSVOA_N

ClientSampleId :

CS-PAINT-CHIPRE

Tot Ion: 43 Resp: 274024

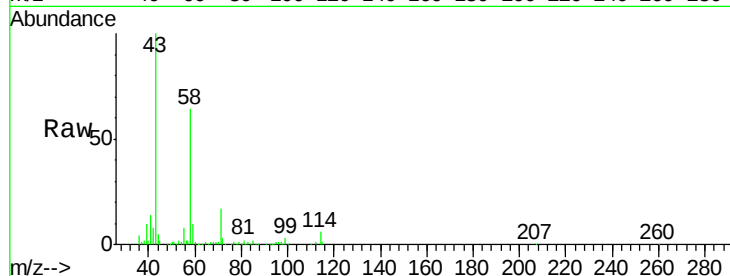
Ion Ratio Lower Upper

43 100

70 0.9 30.3 45.5#

55 8.0 19.4 29.2#

61 0.1 17.8 26.6#

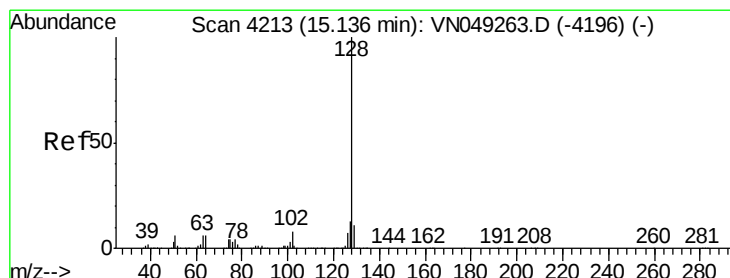
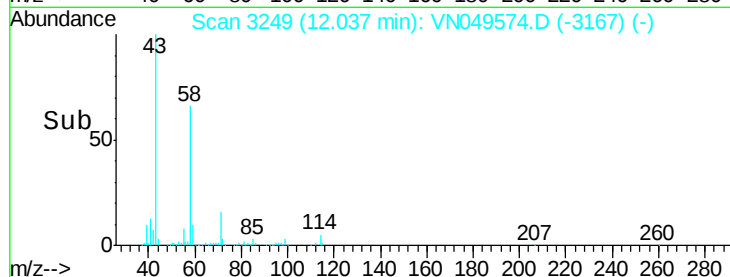
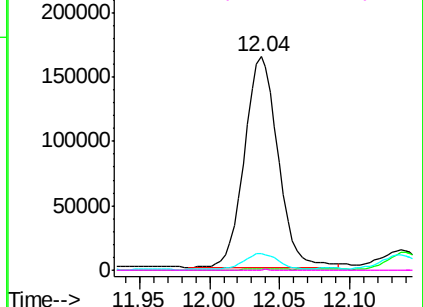


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#95

Naphthalene

Concen: 4.95 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049574.D

Acq: 27 Jun 2018 16:05

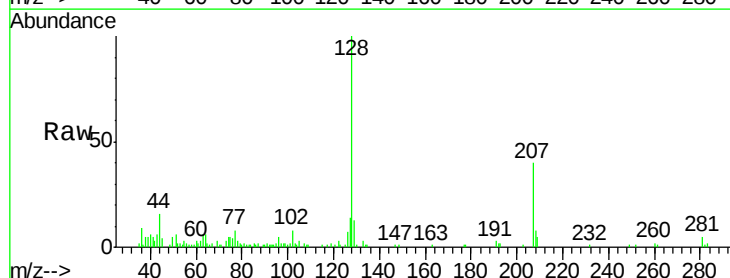
Tgt Ion: 128 Resp: 43195

Ion Ratio Lower Upper

128 100

127 15.6 10.6 16.0

129 12.4 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

