

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063855.D
 Acq On : 3 Oct 2020 5:56
 Operator : JC/MD
 Sample : L4198-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-4

Quant Time: Oct 05 08:35:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

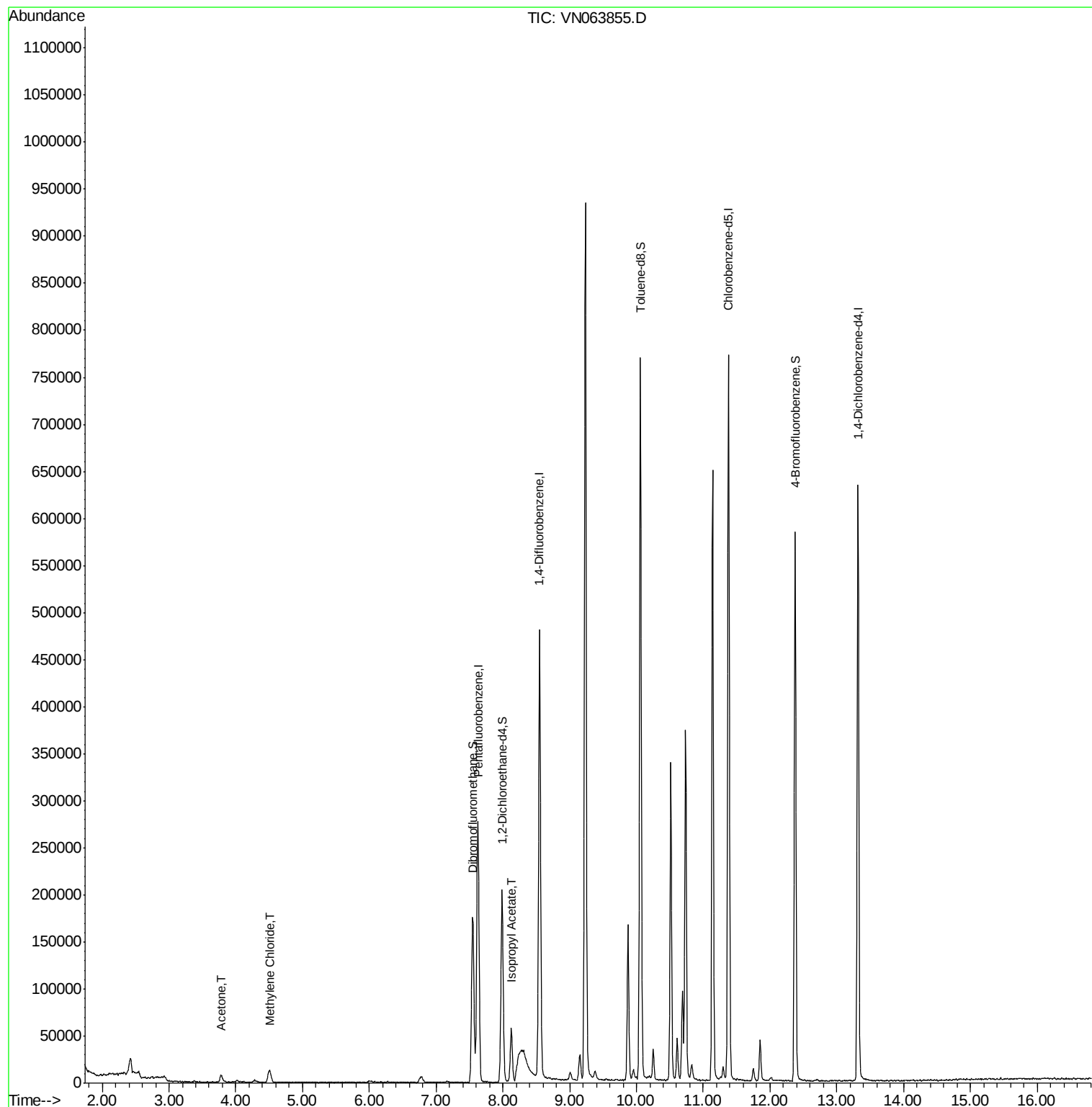
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	206842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	391009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	406901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	157460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	183054	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
35) Dibromofluoromethane	7.55	113	131923	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	10.06	98	499727	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.38	95	190752	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
Target Compounds						
16) Acetone	3.78	43	13345	12.686	ug/l #	89
20) Methylene Chloride	4.51	84	9582	4.067	ug/l #	91
43) Isopropyl Acetate	8.13	43	67629	10.418	ug/l	100

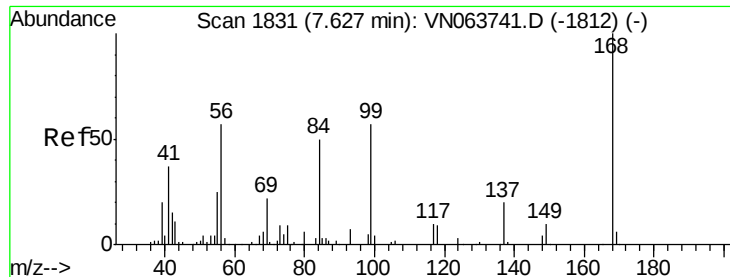
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063855.D

Acq: 3 Oct 2020 5:56

Instrument :

MSVOA_N

ClientSampled :

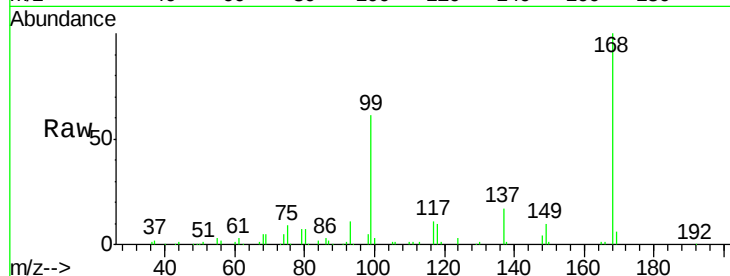
RO-4

Tot Ion:168 Resp: 206842

Ion Ratio Lower Upper

168 100

99 60.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063855.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN063855.D (-1738) (-)

7.62

100000

80000

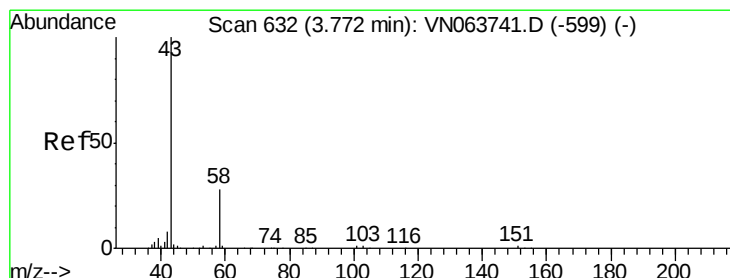
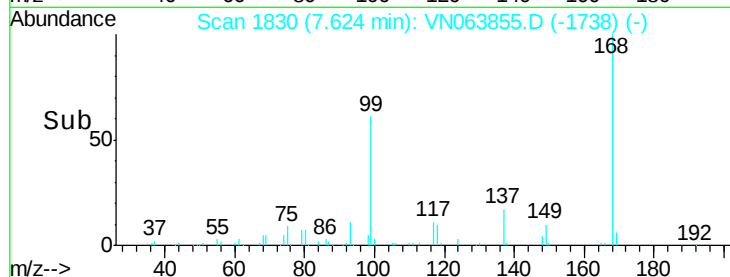
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 12.686 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063855.D

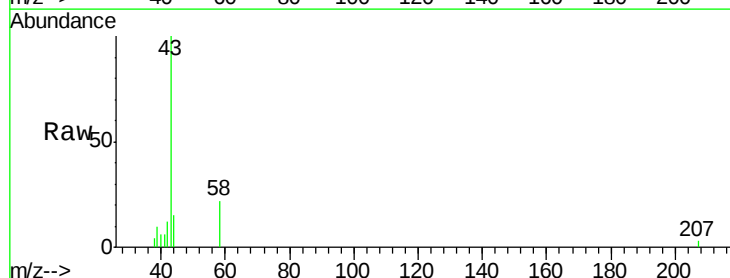
Acq: 3 Oct 2020 5:56

Tgt Ion: 43 Resp: 13345

Ion Ratio Lower Upper

43 100

58 22.2 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN063855.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063855.D (-539) (-)

3.78

5000

4000

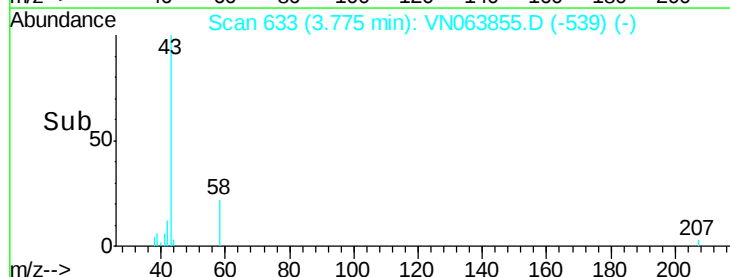
3000

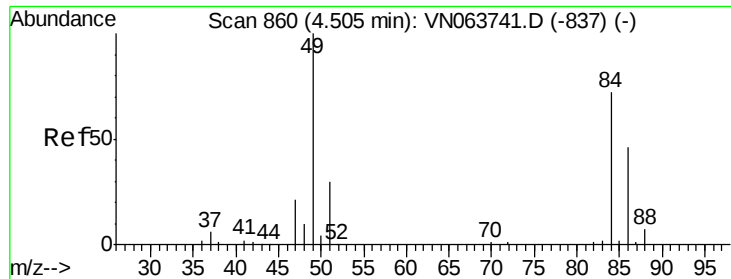
2000

1000

0

Time-->

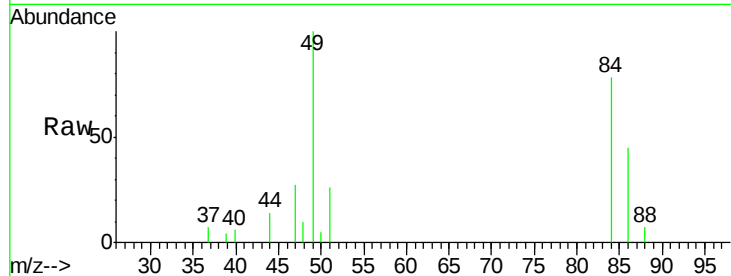




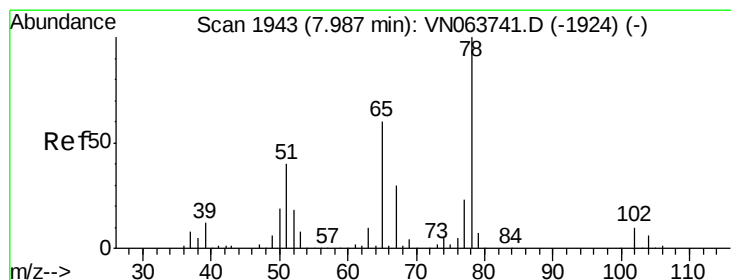
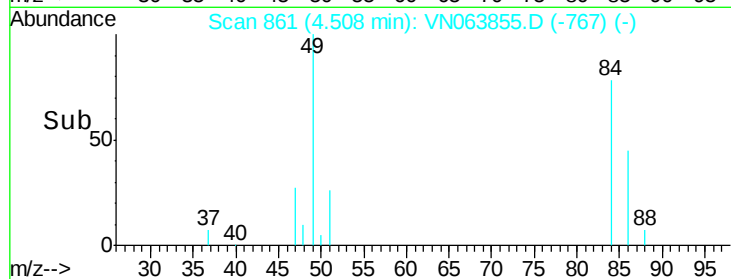
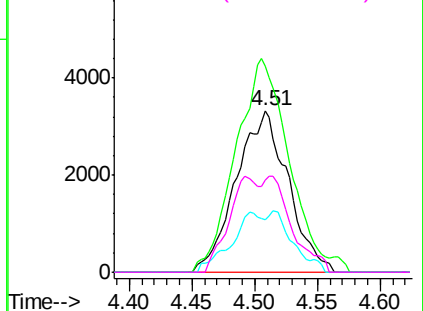
#20
Methylene Chloride
Concen: 4.067 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063855.D
Acq: 3 Oct 2020 5:56

Instrument :
MSVOA_N
ClientSampled :
RO-4

Tot Ion: 84 Resp: 9582
Ion Ratio Lower Upper
84 100
49 127.6 110.4 165.6
51 32.9 33.3 49.9#
86 57.0 50.7 76.1

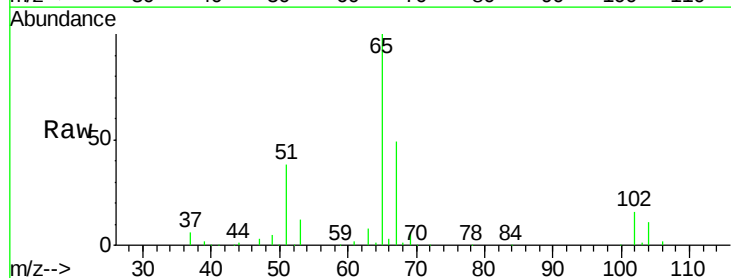


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

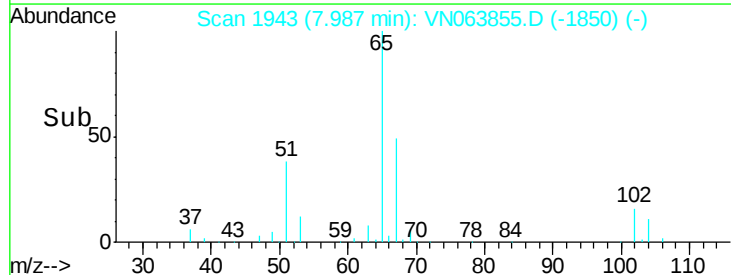
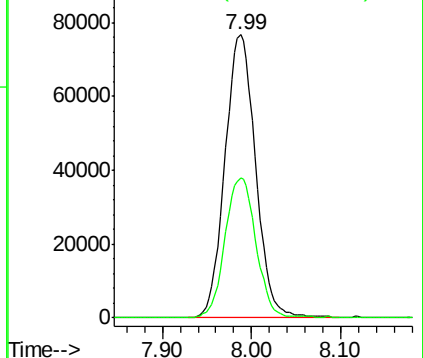


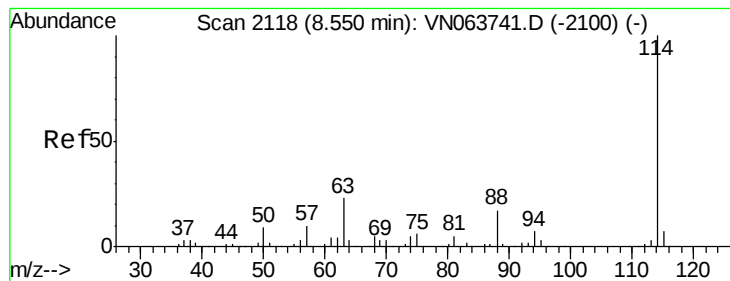
#33
1,2-Dichloroethane-d4
Concen: 53.569 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063855.D
Acq: 3 Oct 2020 5:56

Tgt Ion: 65 Resp: 183054
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063855.D

Acq: 3 Oct 2020 5:56

Instrument :

MSVOA_N

ClientSampleId :

RO-4

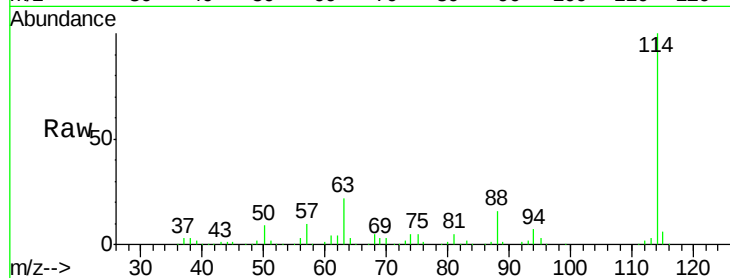
Tot Ion:114 Resp: 391009

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

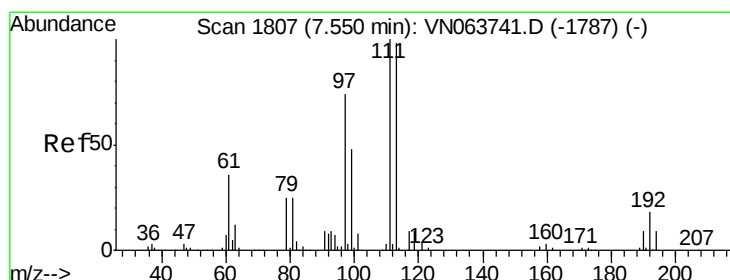
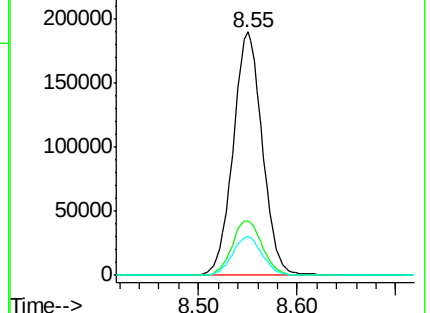
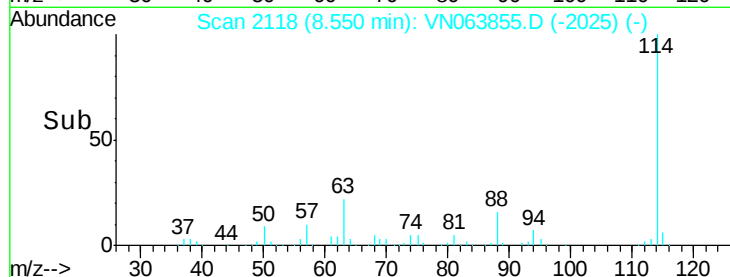
88 16.1 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.624 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063855.D

Acq: 3 Oct 2020 5:56

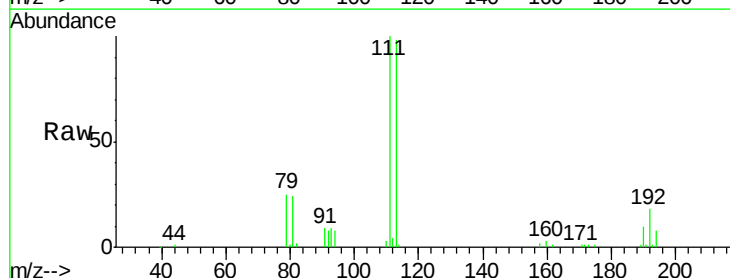
Tgt Ion:113 Resp: 131923

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

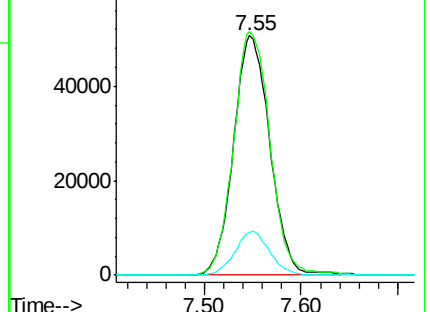
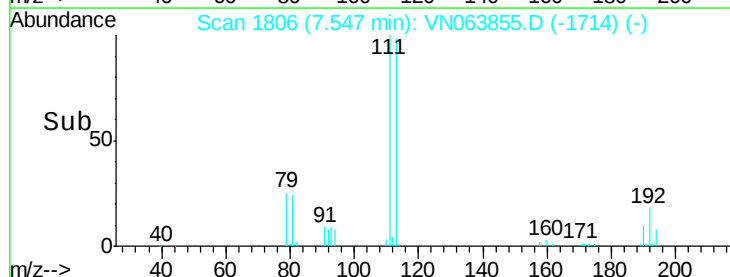
192 17.5 14.2 21.2

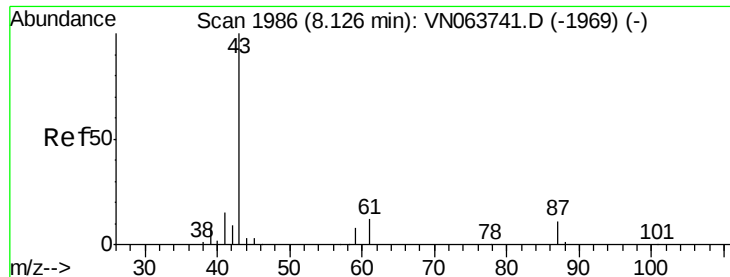


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.418 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063855.D

Acq: 3 Oct 2020 5:56

Instrument :

MSVOA_N

ClientSampled :

RO-4

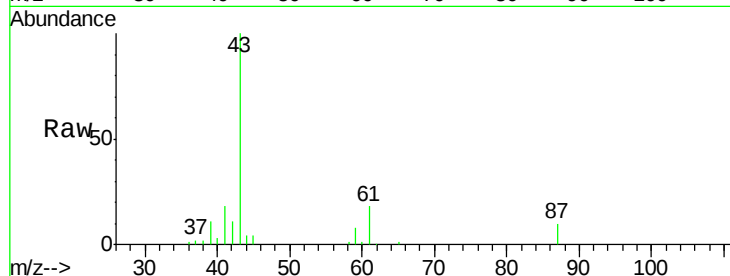
Tot Ion: 43 Resp: 67629

Ion Ratio Lower Upper

43 100

61 17.8 14.2 21.4

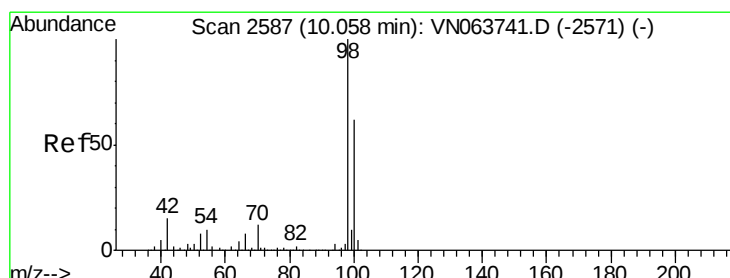
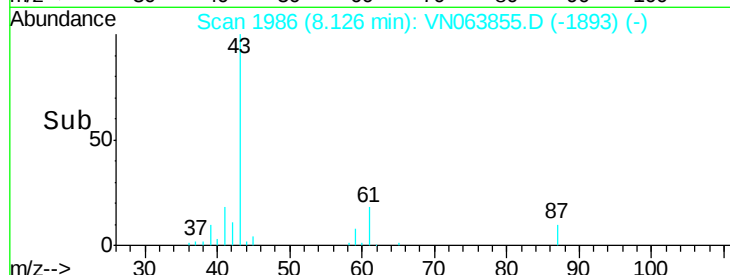
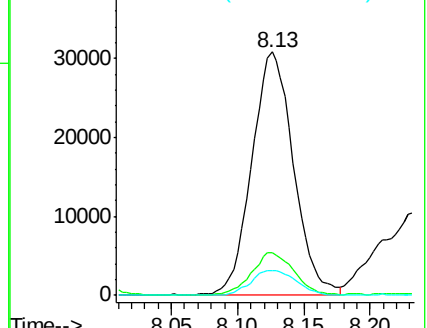
87 10.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#50

Toluene-d8

Concen: 48.587 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063855.D

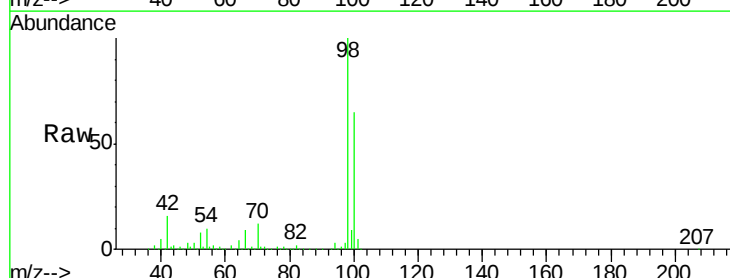
Acq: 3 Oct 2020 5:56

Tgt Ion: 98 Resp: 499727

Ion Ratio Lower Upper

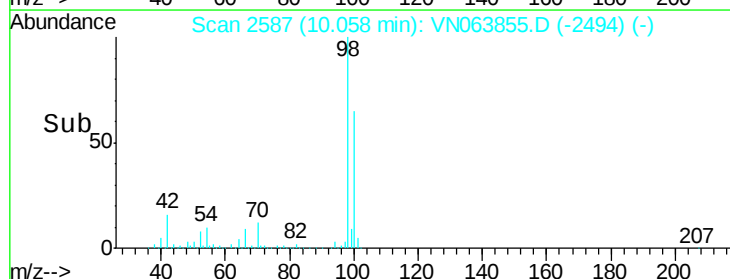
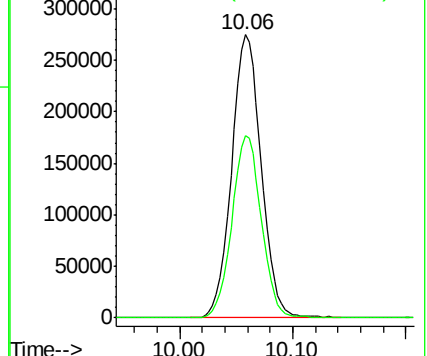
98 100

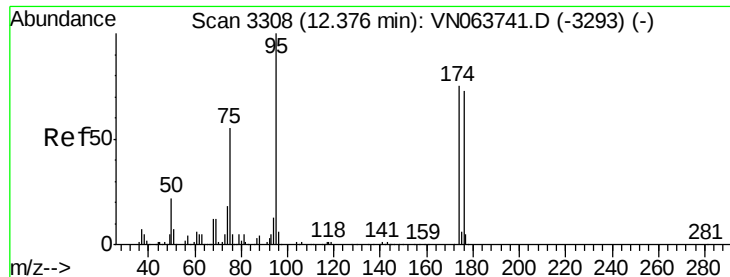
100 64.0 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)





#62

4-Bromofluorobenzene

Concen: 49.337 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063855.D

Acq: 3 Oct 2020 5:56

Instrument :

MSVOA_N

ClientSampled :

RO-4

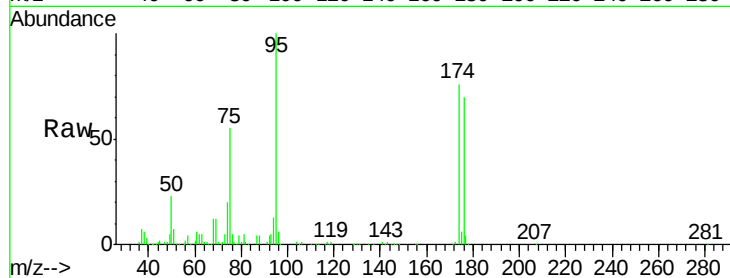
Tot Ion: 95 Resp: 190752

Ion Ratio Lower Upper

95 100

174 77.4 0.0 150.6

176 71.5 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

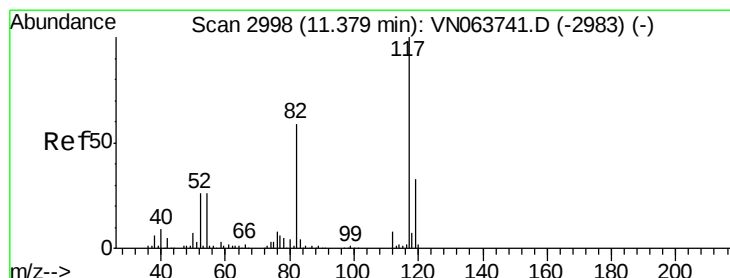
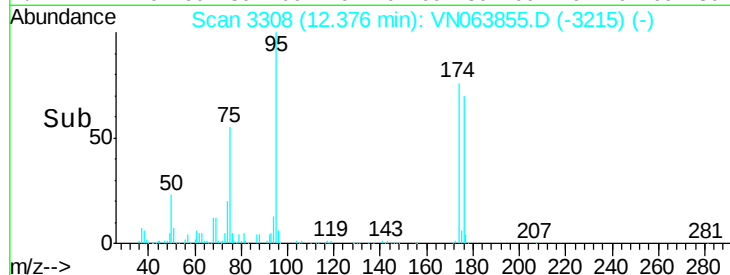
12.38

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063855.D

Acq: 3 Oct 2020 5:56

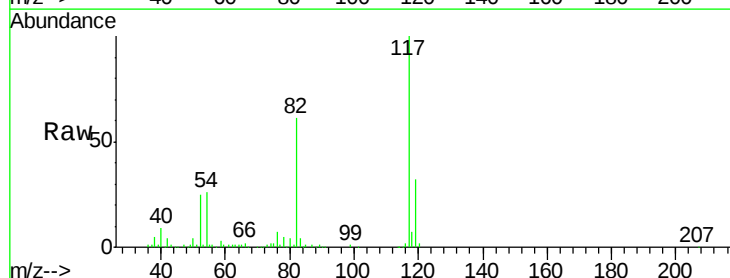
Tgt Ion: 117 Resp: 406901

Ion Ratio Lower Upper

117 100

82 60.6 47.4 71.2

119 31.8 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): VN063741.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063741.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063741.D (-2983) (-)

11.38

300000

250000

200000

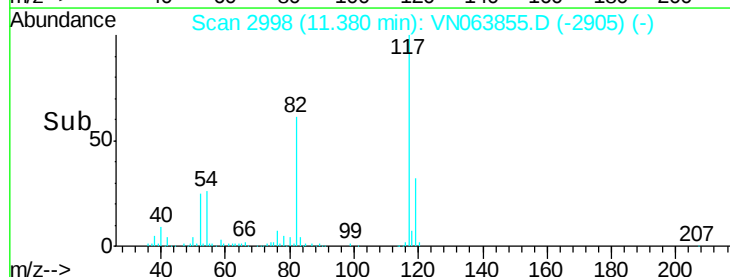
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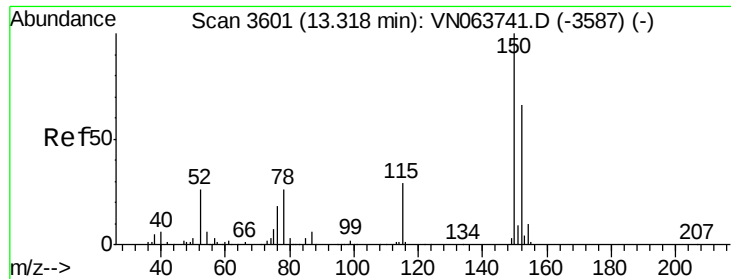
100000

50000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063855.D

Acq: 3 Oct 2020 5:56

Instrument :

MSVOA_N

ClientSampleId :

RO-4

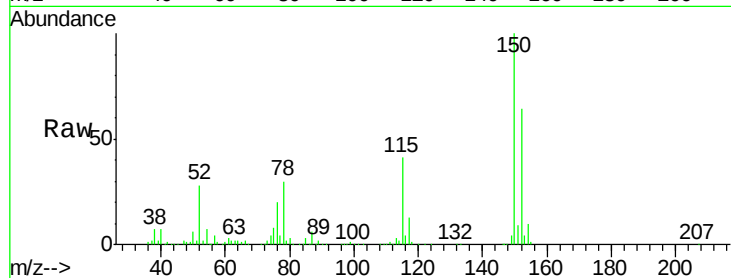
Tot Ion:152 Resp: 157460

Ion Ratio Lower Upper

152 100

115 65.1 31.3 93.8

150 157.9 0.0 341.8



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

