

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062619.D
 Acq On : 27 Jul 2020 23:26
 Operator : JC/MD
 Sample : L3439-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20200440-3001C

Quant Time: Jul 28 07:58:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

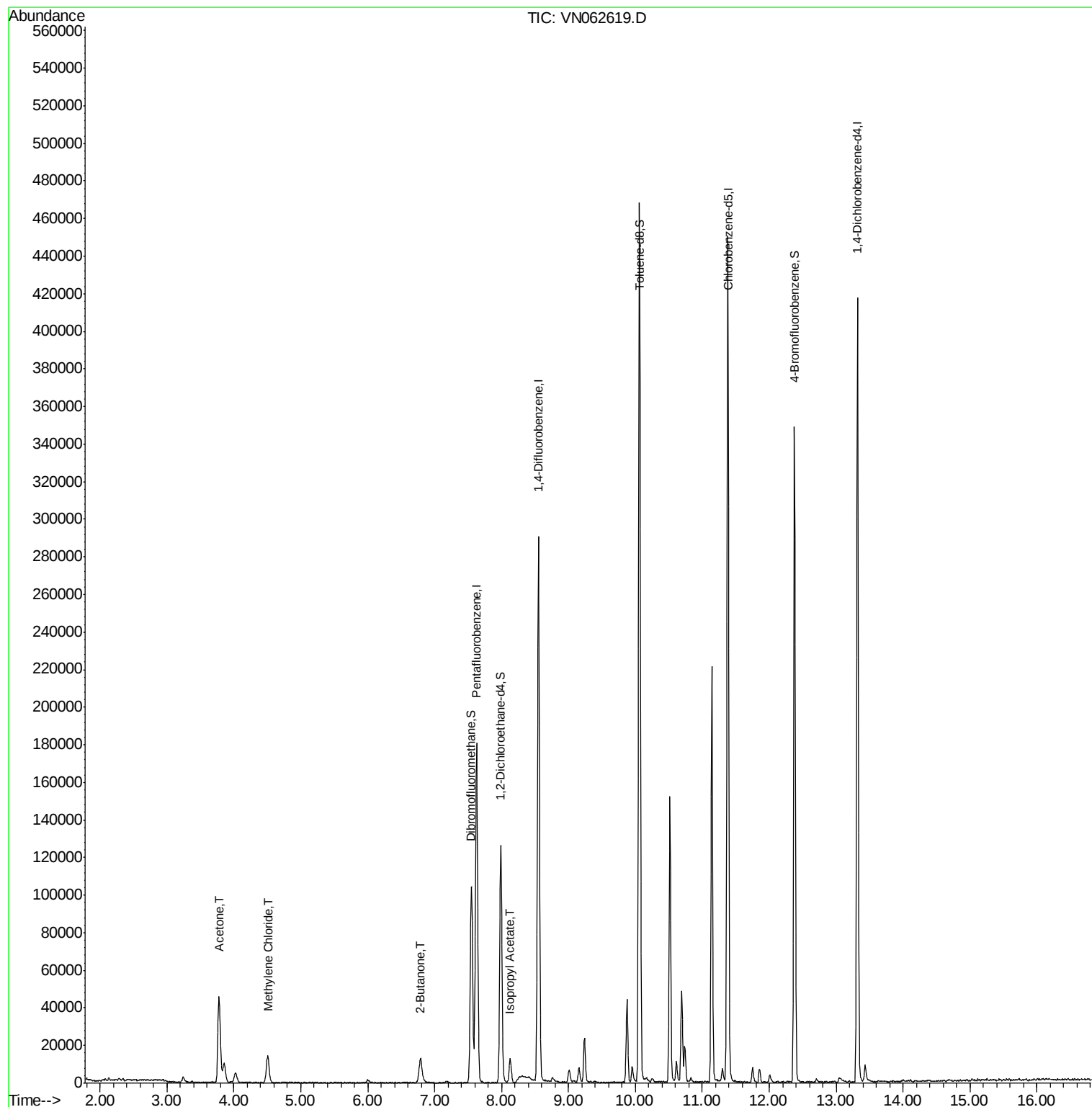
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	135145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	242254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	242755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	107740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	116329	55.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.82%	
35) Dibromofluoromethane	7.55	113	81887	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
50) Toluene-d8	10.06	98	316100	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.38	95	121759	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
Target Compounds						
16) Acetone	3.78	43	80436	101.815	ug/l	100
20) Methylene Chloride	4.50	84	10495	5.539	ug/l	89
25) 2-Butanone	6.79	43	19288	16.031	ug/l	97
43) Isopropyl Acetate	8.13	43	15496	3.453	ug/l #	89

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072720\
Data File : VN062619.D
Acq On : 27 Jul 2020 23:26
Operator : JC/MD
Sample : L3439-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
20200440-3001C

Quant Time: Jul 28 07:58:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062619.D

Acq: 27 Jul 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

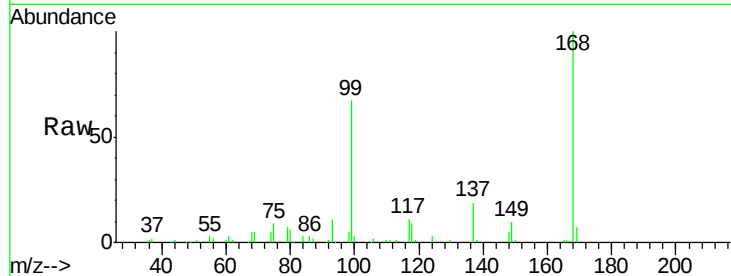
20200440-3001C

Tot Ion:168 Resp: 135145

Ion Ratio Lower Upper

168 100

99 66.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

50000

40000

30000

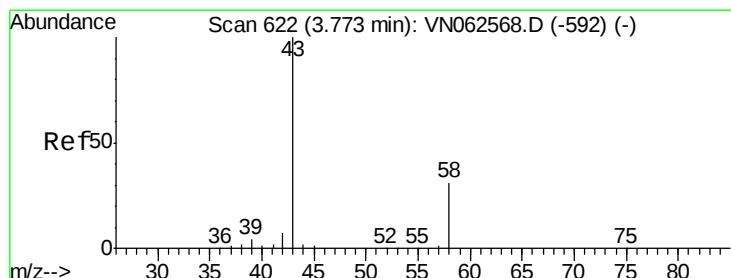
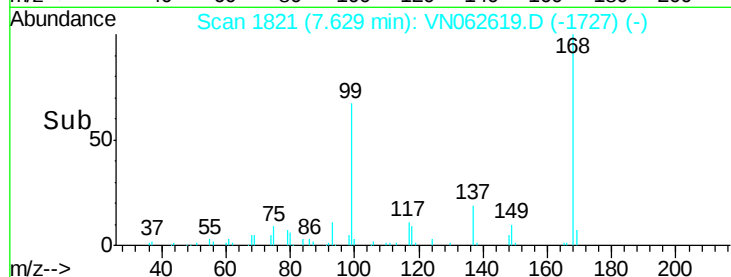
20000

10000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 101.815 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062619.D

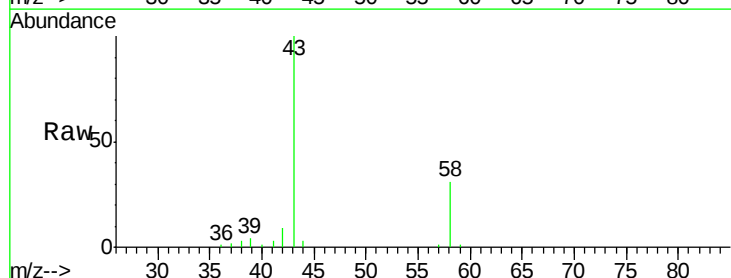
Acq: 27 Jul 2020 23:26

Tgt Ion: 43 Resp: 80436

Ion Ratio Lower Upper

43 100

58 30.7 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

30000

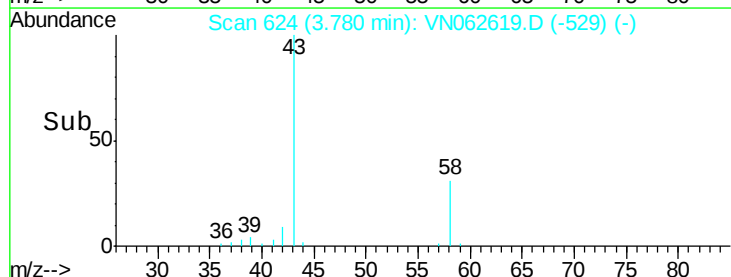
20000

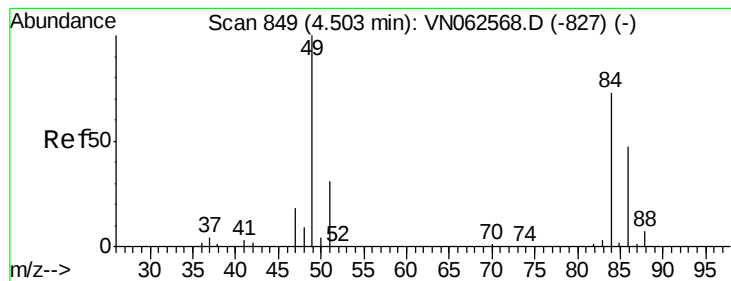
10000

0

Time-->

3.70 3.80 3.90





#20

Methvlene Chloride

Concen: 5.539 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN062619.D

Acq: 27 Jul 2020 23:26

Instrument :

MSVOA_N

ClientSampled :

20200440-3001C

Tot Ion: 84 Resp: 10495

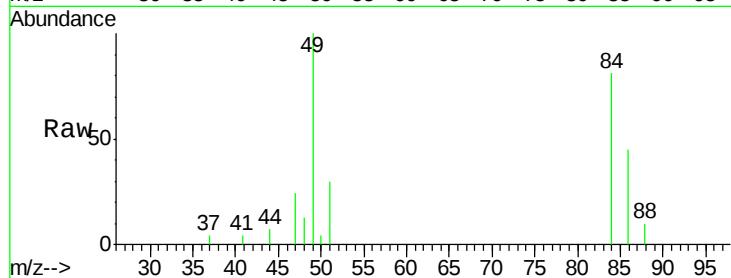
Ion Ratio Lower Upper

84 100

49 123.4 109.4 164.0

51 36.7 33.6 50.4

86 55.1 51.4 77.2

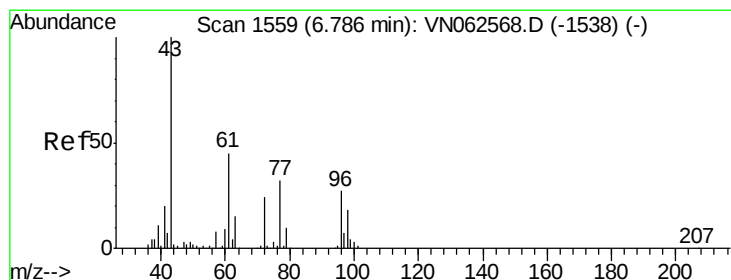
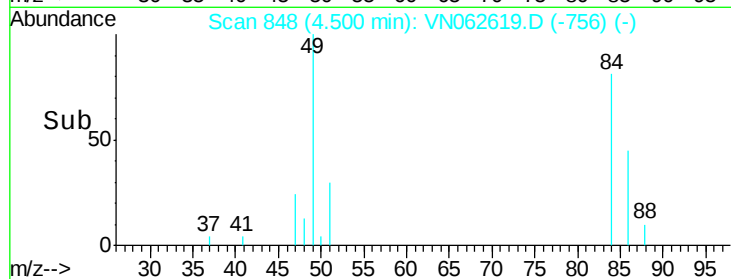
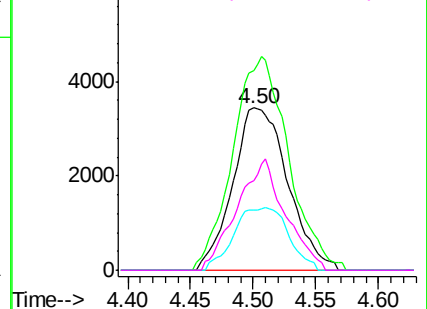


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#25

2-Butanone

Concen: 16.031 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VN062619.D

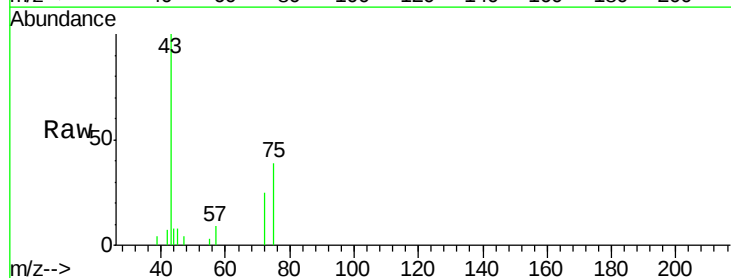
Acq: 27 Jul 2020 23:26

Tgt Ion: 43 Resp: 19288

Ion Ratio Lower Upper

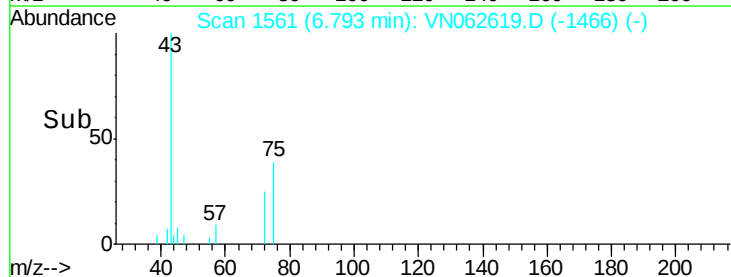
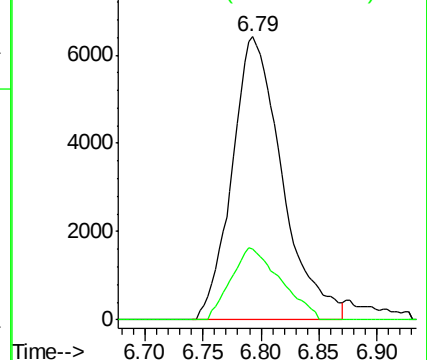
43 100

72 25.2 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 55.410 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062619.D

Acq: 27 Jul 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

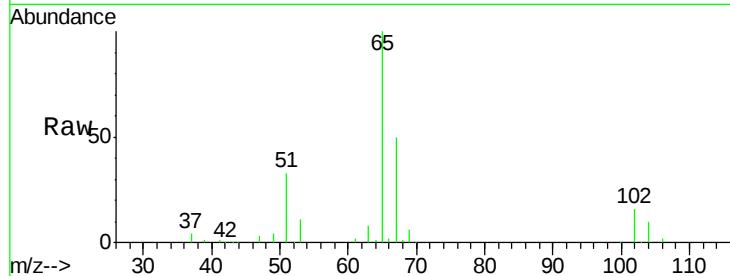
20200440-3001C

Tot Ion: 65 Resp: 116329

Ion Ratio Lower Upper

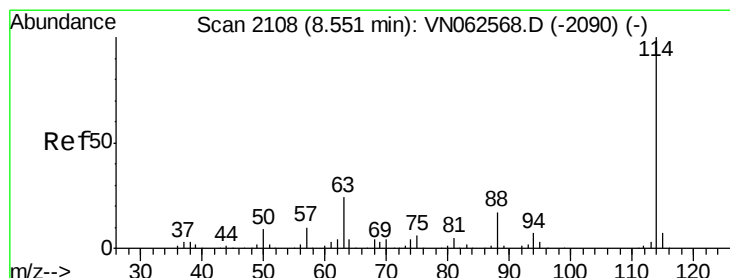
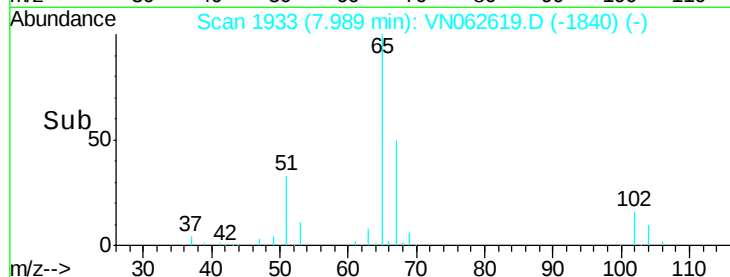
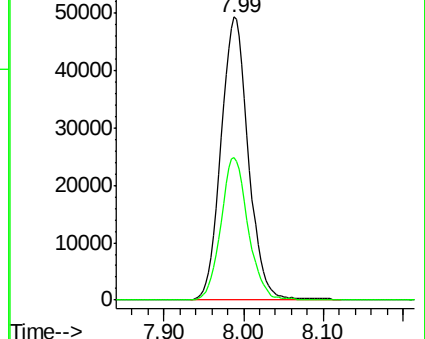
65 100

67 49.9 0.0 106.0



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# 2108

Delta R.T. 0.00 min

Lab File: VN062619.D

Acq: 27 Jul 2020 23:26

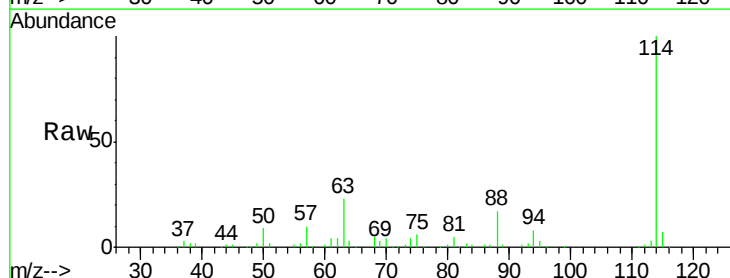
Tgt Ion: 114 Resp: 242254

Ion Ratio Lower Upper

114 100

63 23.4 0.0 48.4

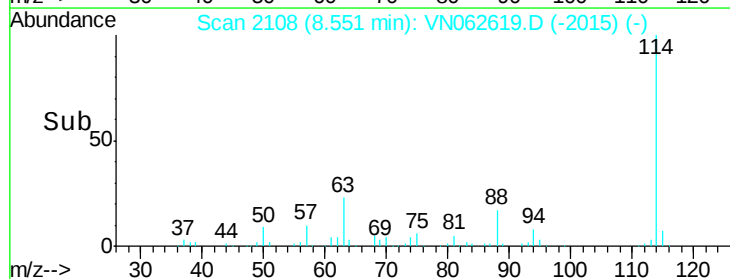
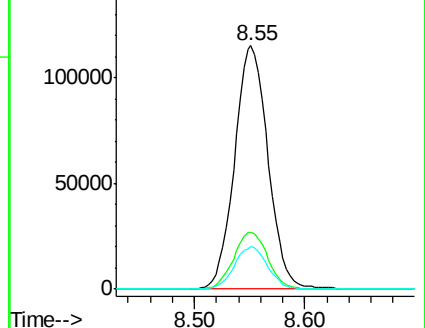
88 17.4 0.0 33.8

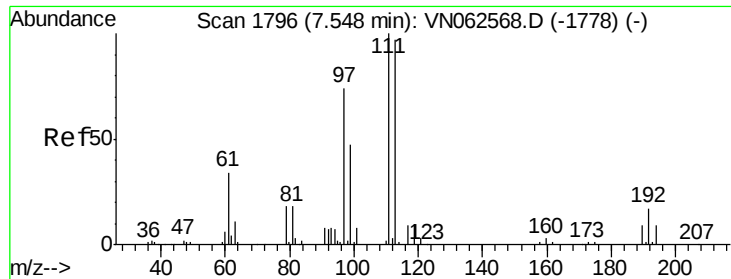


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

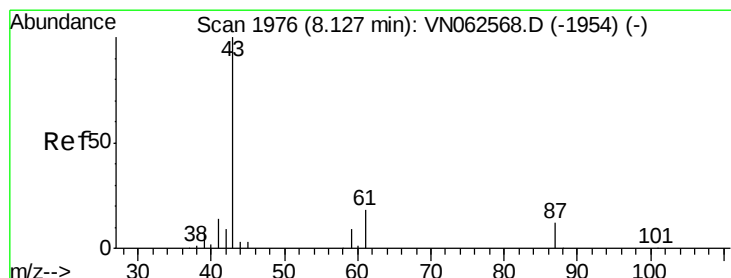
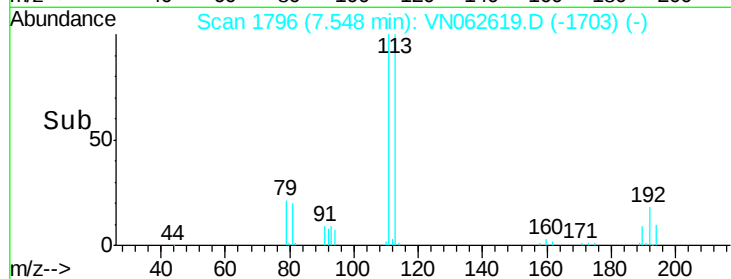
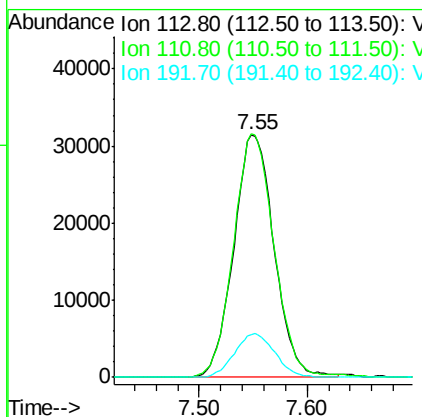
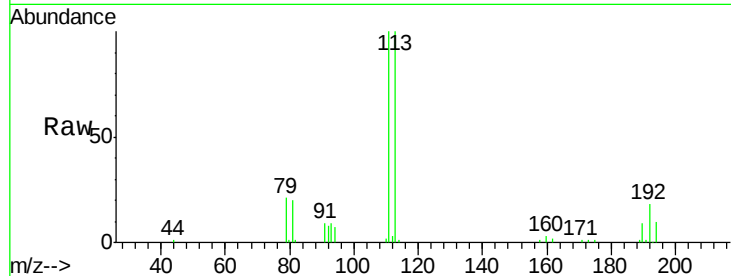




#35
 Dibromofluoromethane
 Concen: 51.460 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062619.D
 Acq: 27 Jul 2020 23:26

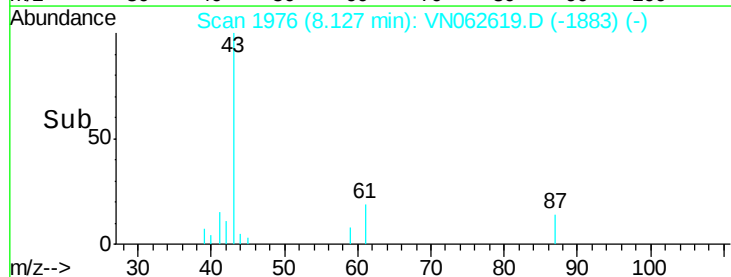
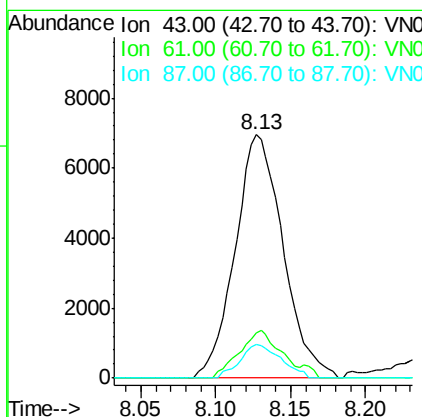
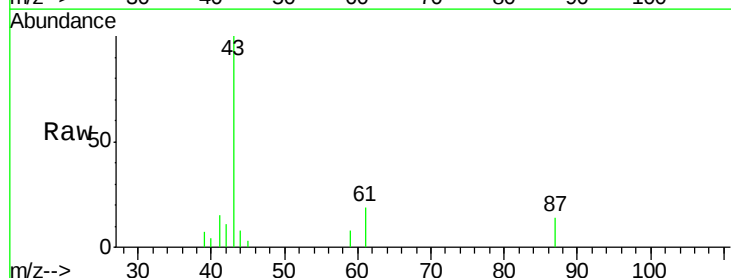
Instrument :
 MSVOA_N
 ClientSampleId :
 20200440-3001C

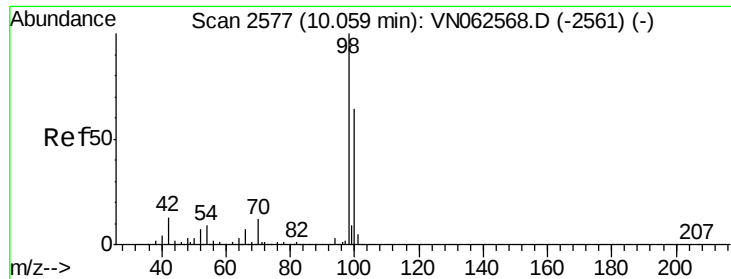
Tot Ion:113 Resp: 81887
 Ion Ratio Lower Upper
 113 100
 111 100.2 82.7 124.1
 192 17.9 14.8 22.2



#43
 Isopropyl Acetate
 Concen: 3.453 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN062619.D
 Acq: 27 Jul 2020 23:26

Tgt Ion: 43 Resp: 15496
 Ion Ratio Lower Upper
 43 100
 61 17.9 20.8 31.2#
 87 11.8 9.2 13.8





#50

Toluene-d8

Concen: 49.787 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062619.D

Acq: 27 Jul 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

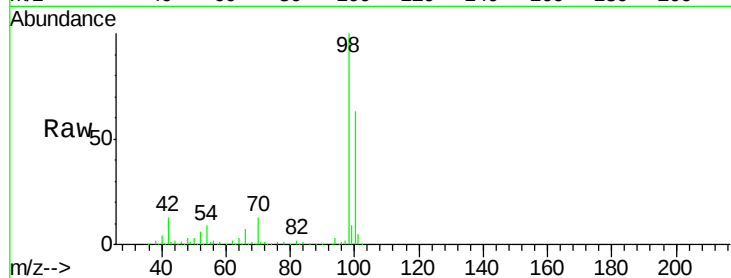
20200440-3001C

Tot Ion: 98 Resp: 316100

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062568.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062568.D (-2561) (-)

200000

150000

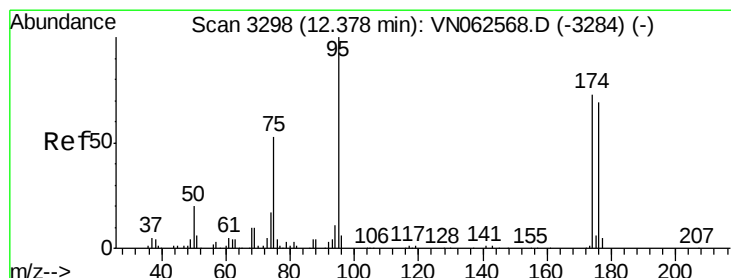
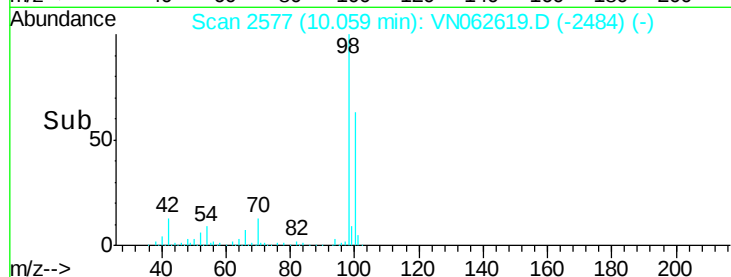
100000

50000

0

10.00 10.10

Time-->



#62

4-Bromofluorobenzene

Concen: 52.449 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062619.D

Acq: 27 Jul 2020 23:26

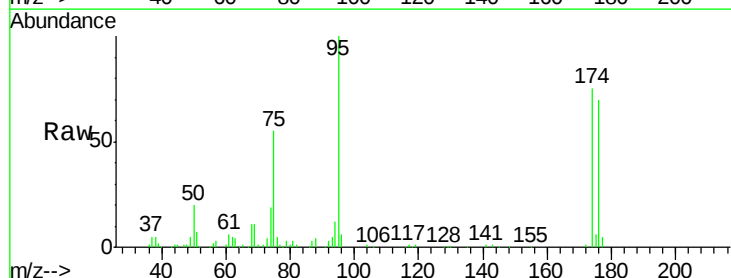
Tgt Ion: 95 Resp: 121759

Ion Ratio Lower Upper

95 100

174 74.8 0.0 144.6

176 70.7 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VN062568.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062568.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062568.D (-3284) (-)

100000

80000

60000

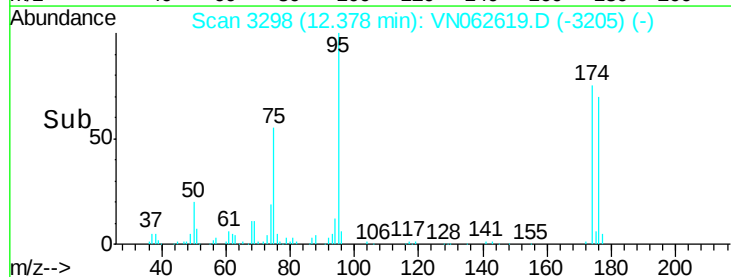
40000

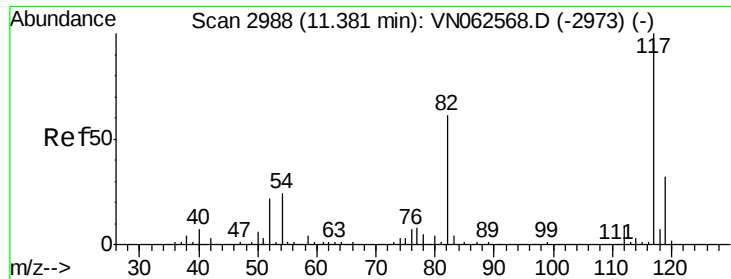
20000

0

12.30 12.35 12.40 12.45

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062619.D

Acq: 27 Jul 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

20200440-3001C

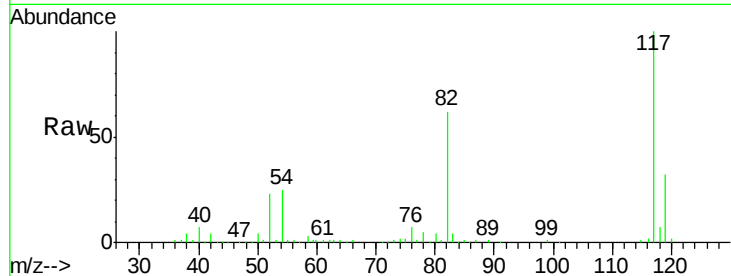
Tot Ion:117 Resp: 242755

Ion Ratio Lower Upper

117 100

82 62.1 49.0 73.6

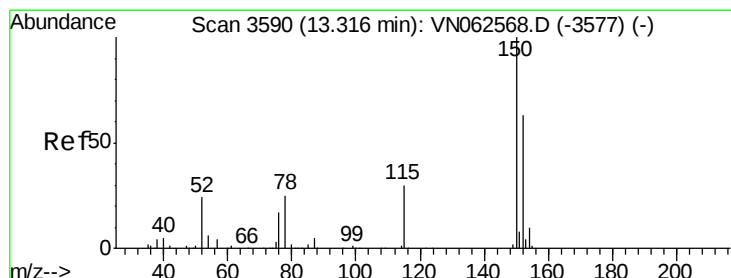
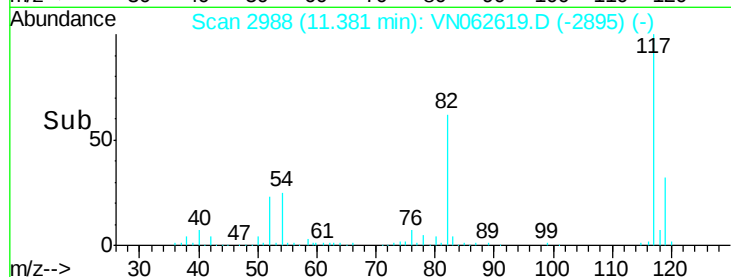
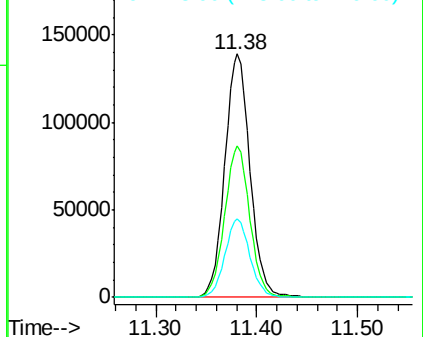
119 32.3 25.4 38.2



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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062619.D

Acq: 27 Jul 2020 23:26

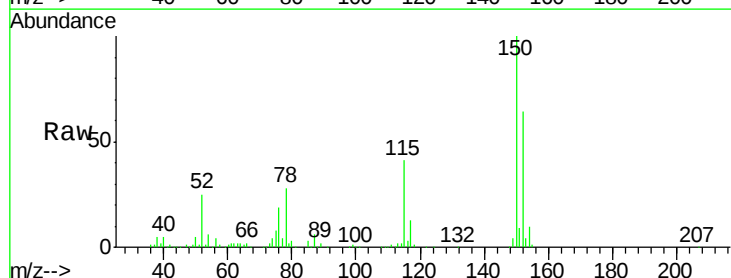
Tgt Ion:152 Resp: 107740

Ion Ratio Lower Upper

152 100

115 63.7 31.8 95.4

150 156.1 0.0 351.4



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

