

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063117.D
 Acq On : 25 Aug 2020 17:27
 Operator : JC/MD
 Sample : L3787-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1498

Quant Time: Aug 26 06:45:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

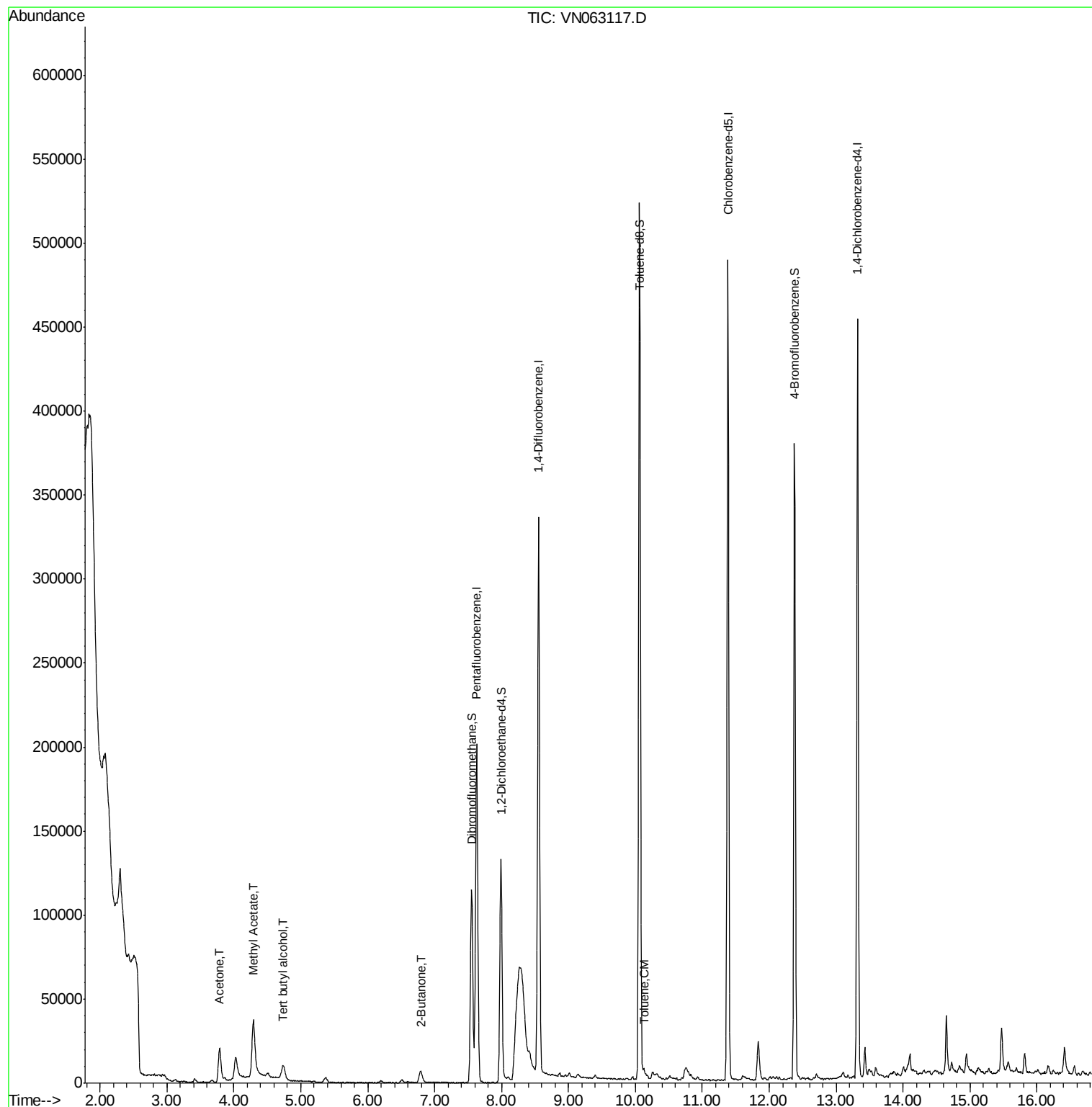
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	171207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	300844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	283670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	125127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	109282	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
35) Dibromofluoromethane	7.55	113	90167	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
50) Toluene-d8	10.06	98	363093	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.38	95	131414	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.74	59	16151	56.194	ug/l	99
16) Acetone	3.79	43	37153	55.667	ug/l	98
18) Methyl Acetate	4.29	43	78398	38.879	ug/l	100
25) 2-Butanone	6.80	43	11612	10.779	ug/l	92
52) Toluene	10.12	92	1426	0.281	ug/l	87

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082520\
Data File : VN063117.D
Acq On : 25 Aug 2020 17:27
Operator : JC/MD
Sample : L3787-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1498

Quant Time: Aug 26 06:45:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 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: VN063117.D

Acq: 25 Aug 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

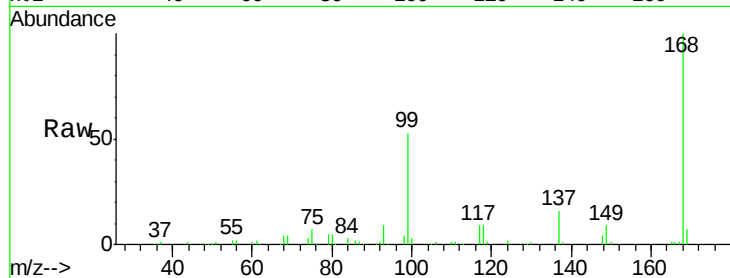
1498

Tot Ion:168 Resp: 171207

Ion Ratio Lower Upper

168 100

99 53.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN063117.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN063117.D (-1727) (-)

7.63

80000

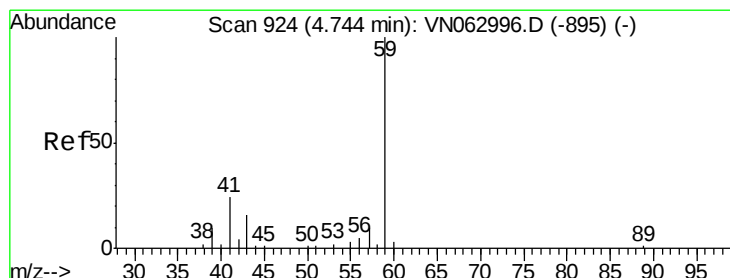
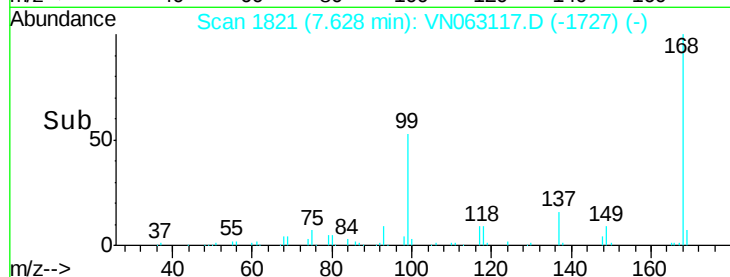
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 56.194 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.00 min

Lab File: VN063117.D

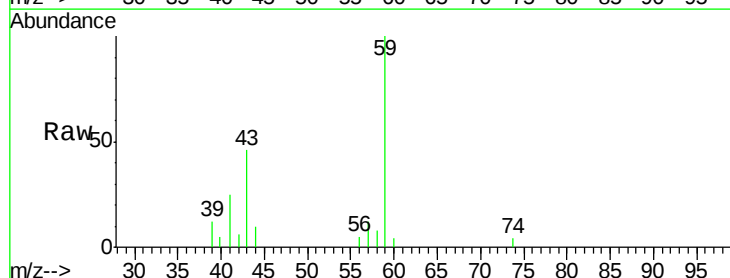
Acq: 25 Aug 2020 17:27

Tgt Ion: 59 Resp: 16151

Ion Ratio Lower Upper

59 100

57 10.0 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VN063117.D (-831) (-)

Ion 57.00 (56.70 to 57.70): VN063117.D (-831) (-)

4.74

5000

4000

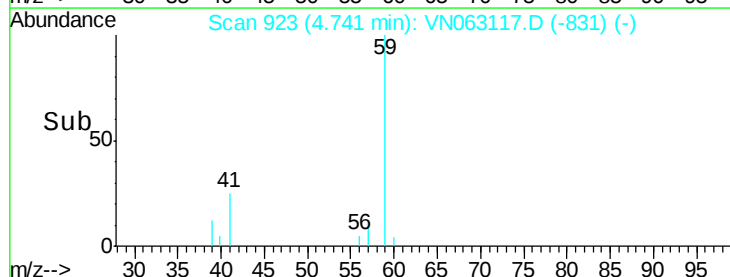
3000

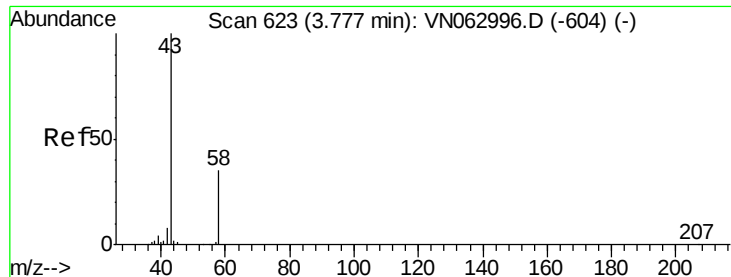
2000

1000

0

Time--> 4.70 4.80





#16

Acetone

Concen: 55.667 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN063117.D

Acq: 25 Aug 2020 17:27

Instrument :

MSVOA_N

ClientSampled :

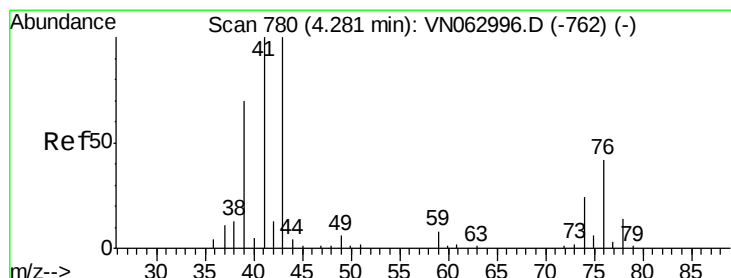
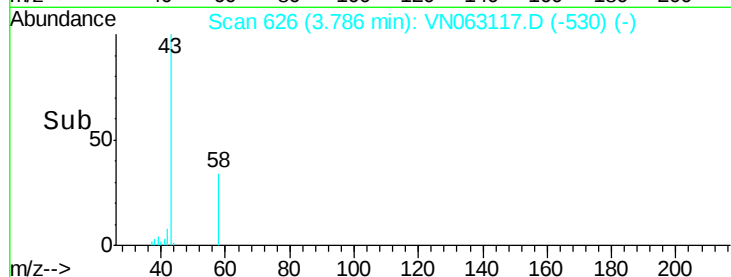
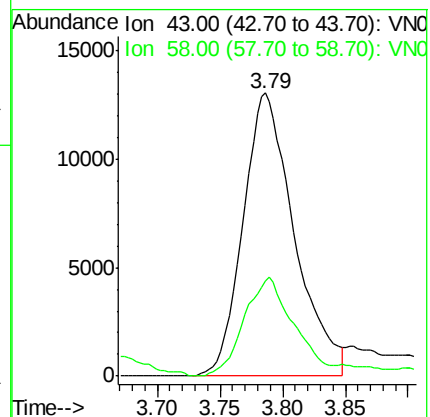
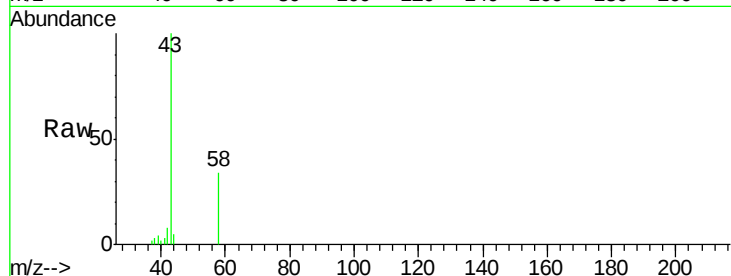
1498

Tot Ion: 43 Resp: 37153

Ion Ratio Lower Upper

43 100

58 33.7 27.8 41.6



#18

Methyl Acetate

Concen: 38.879 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN063117.D

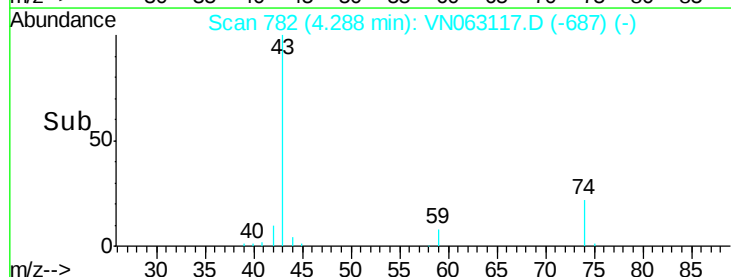
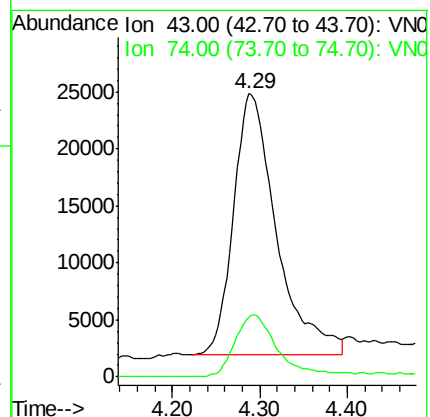
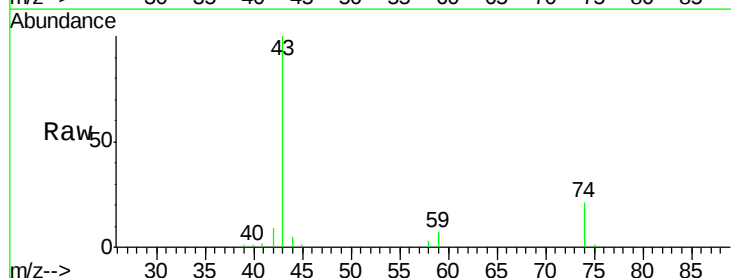
Acq: 25 Aug 2020 17:27

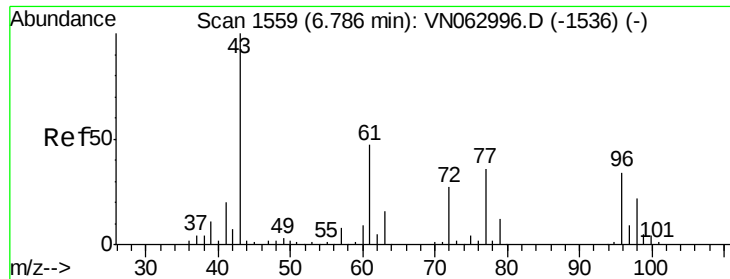
Tgt Ion: 43 Resp: 78398

Ion Ratio Lower Upper

43 100

74 23.4 18.6 28.0





#25

2-Butanone

Concen: 10.779 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.01 min

Lab File: VN063117.D

Acq: 25 Aug 2020 17:27

Instrument :

MSVOA_N

ClientSampled :

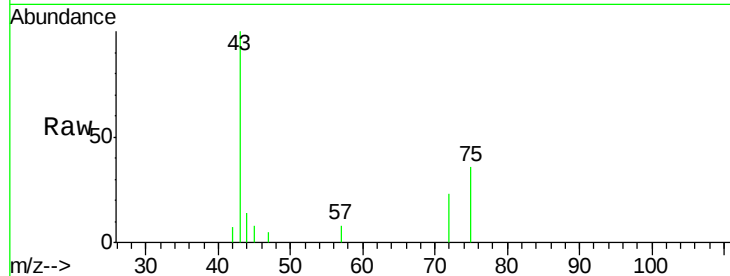
1498

Tot Ion: 43 Resp: 11612

Ion Ratio Lower Upper

43 100

72 23.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1536) (-)

Ion 72.00 (71.70 to 72.70): VN062996.D (-1536) (-)

6.80

4000

3000

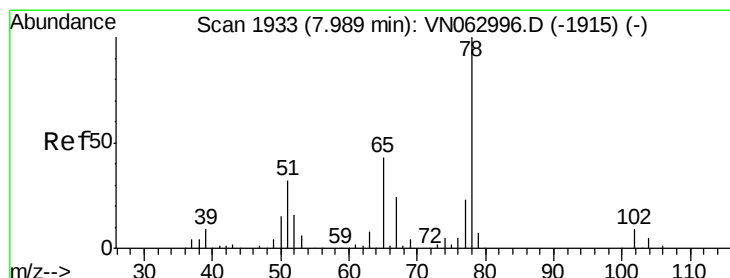
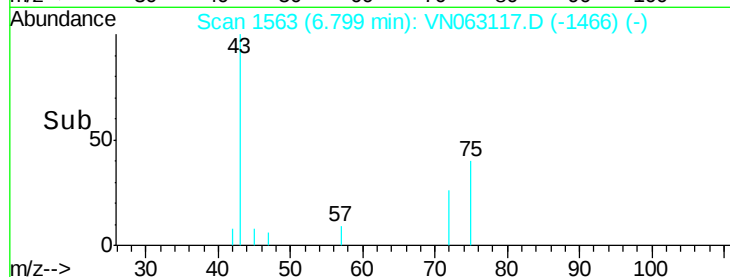
2000

1000

0

6.70 6.80 6.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.857 ug/l

RT: 7.99 min Scan# 1934

Delta R.T. 0.00 min

Lab File: VN063117.D

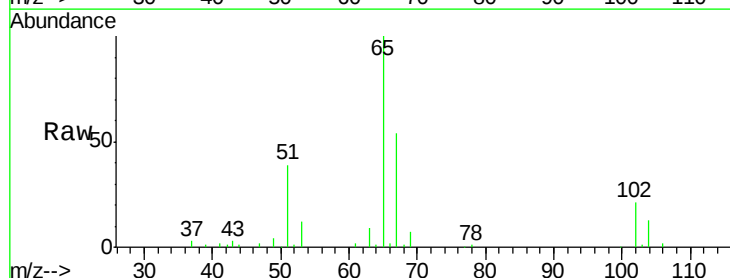
Acq: 25 Aug 2020 17:27

Tgt Ion: 65 Resp: 109282

Ion Ratio Lower Upper

65 100

67 54.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN062996.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062996.D (-1915) (-)

7.99

50000

40000

30000

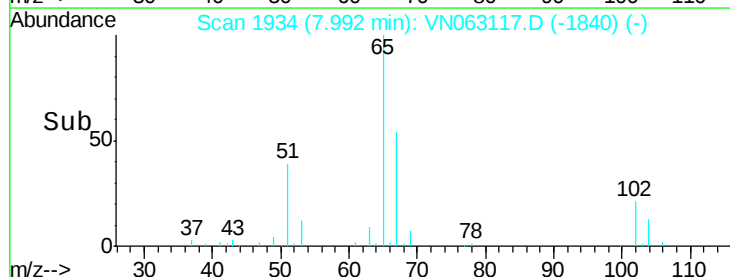
20000

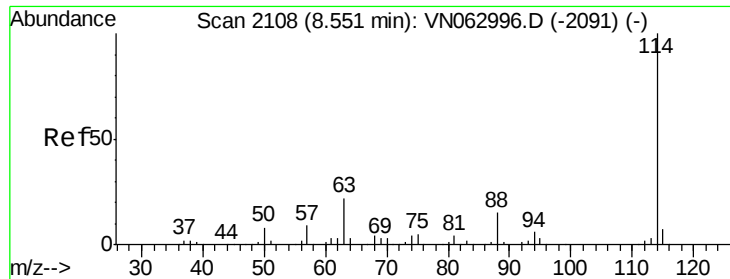
10000

0

7.90 8.00 8.10

Time-->

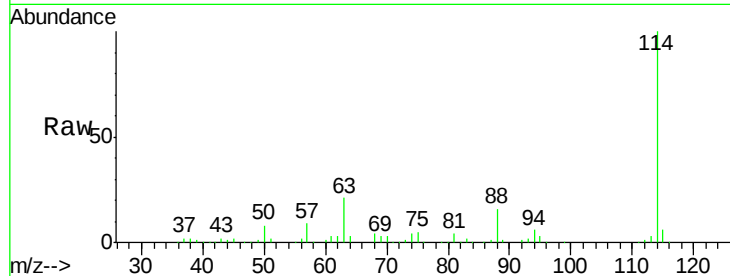




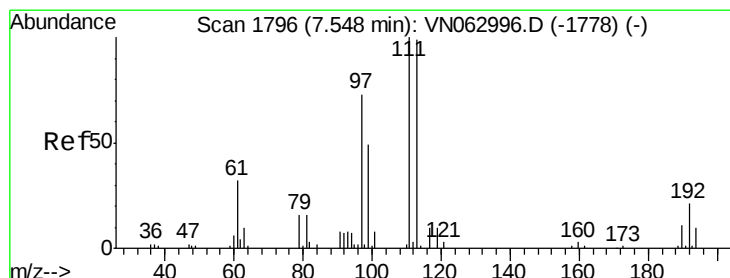
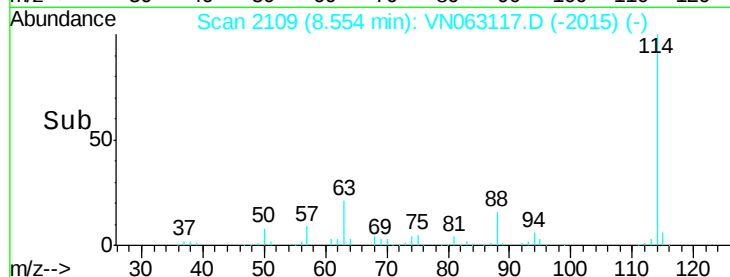
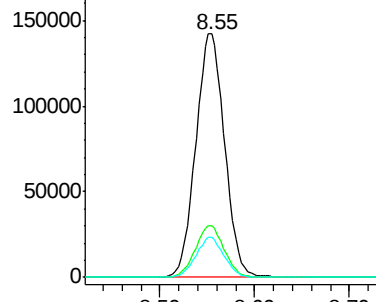
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2109
Delta R.T. 0.00 min
Lab File: VN063117.D
Acq: 25 Aug 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
1498

Tot Ion:114 Resp: 300844
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.2
88 16.3 0.0 30.6

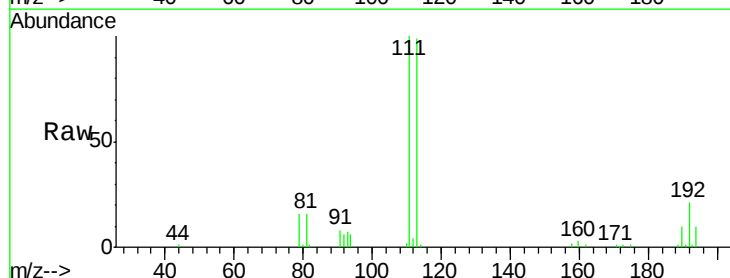


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

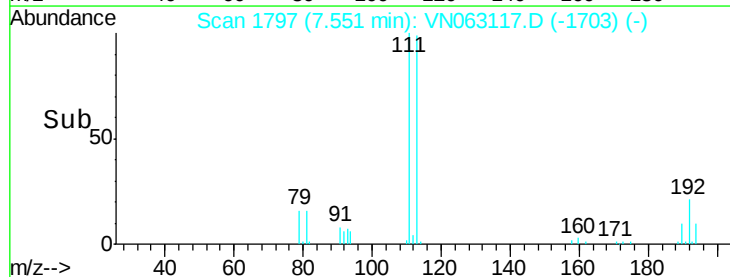
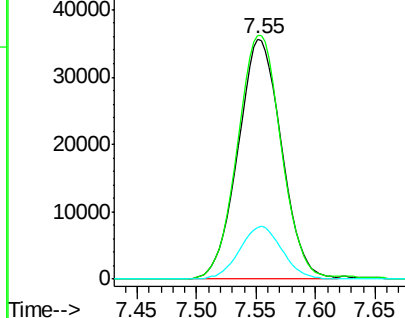


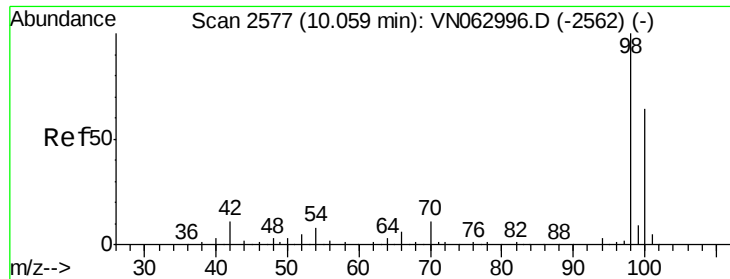
#35
Dibromofluoromethane
Concen: 45.997 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN063117.D
Acq: 25 Aug 2020 17:27

Tgt Ion:113 Resp: 90167
Ion Ratio Lower Upper
113 100
111 103.1 81.7 122.5
192 21.6 17.5 26.3



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

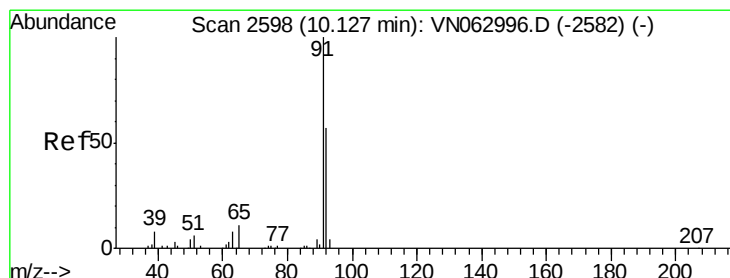
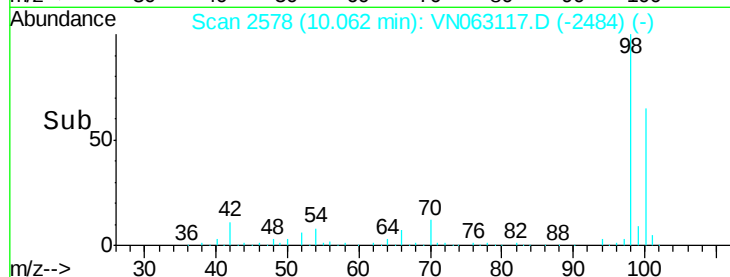
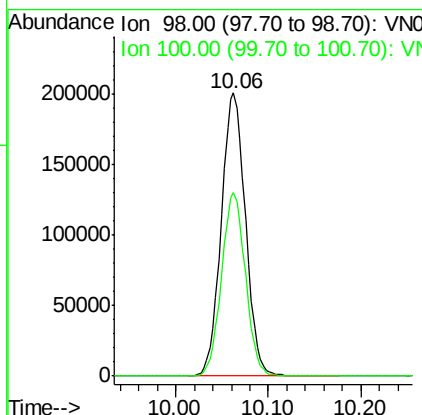
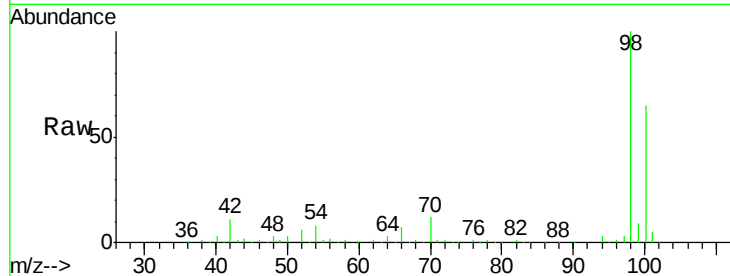




#50
Toluene-d8
Concen: 48.222 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN063117.D
Acq: 25 Aug 2020 17:27

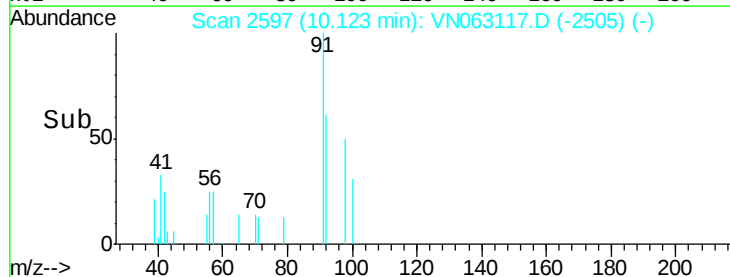
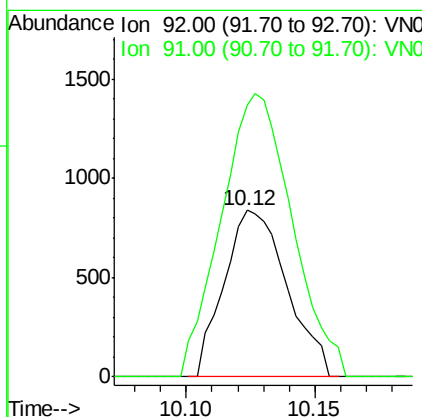
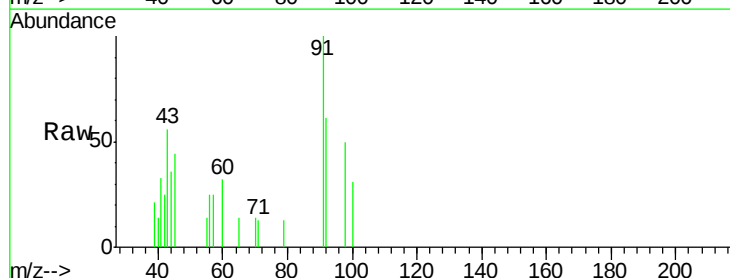
Instrument :
MSVOA_N
ClientSampled :
1498

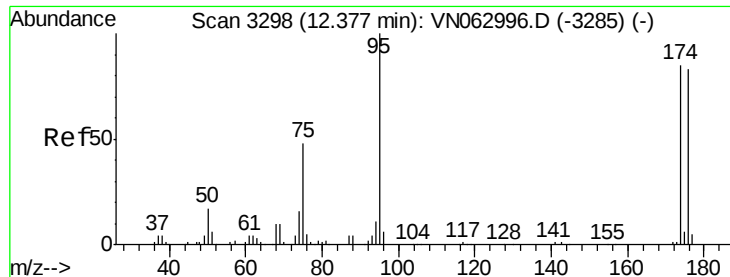
Tot Ion: 98 Resp: 363093
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#52
Toluene
Concen: 0.281 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN063117.D
Acq: 25 Aug 2020 17:27

Tgt Ion: 92 Resp: 1426
Ion Ratio Lower Upper
92 100
91 191.7 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 49.458 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063117.D

Acq: 25 Aug 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

1498

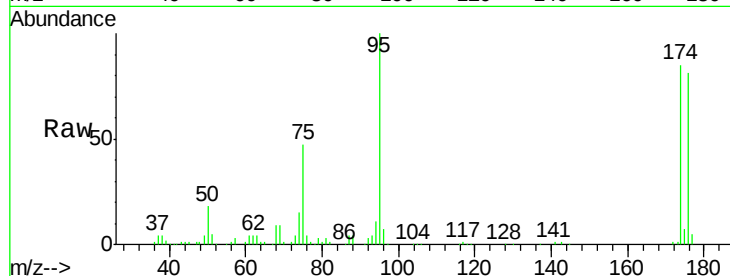
Tot Ion: 95 Resp: 131414

Ion Ratio Lower Upper

95 100

174 85.8 0.0 170.8

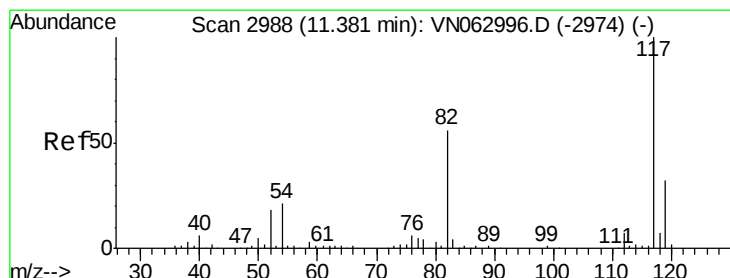
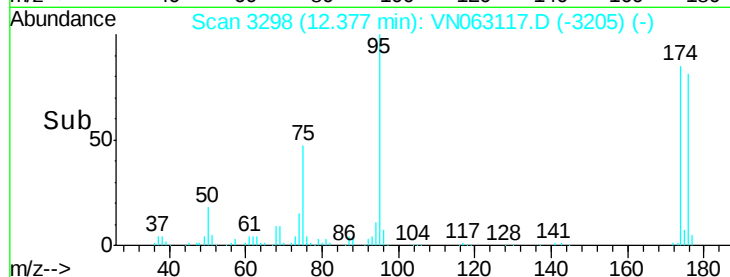
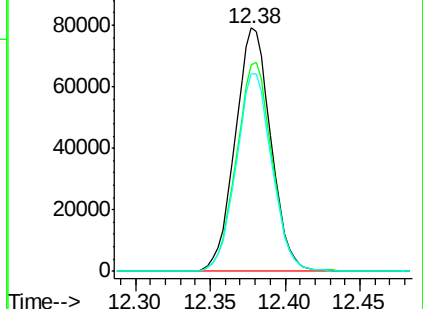
176 81.3 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN063117.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN063117.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN063117.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN063117.D

Acq: 25 Aug 2020 17:27

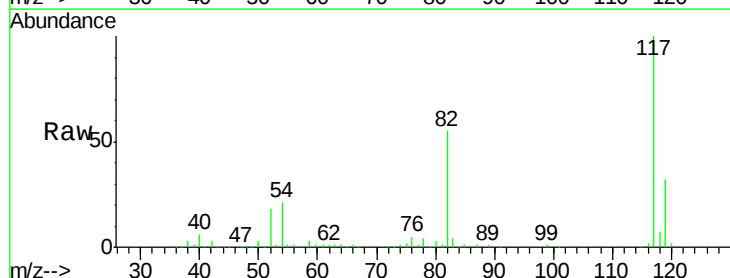
Tgt Ion: 117 Resp: 283670

Ion Ratio Lower Upper

117 100

82 55.0 44.5 66.7

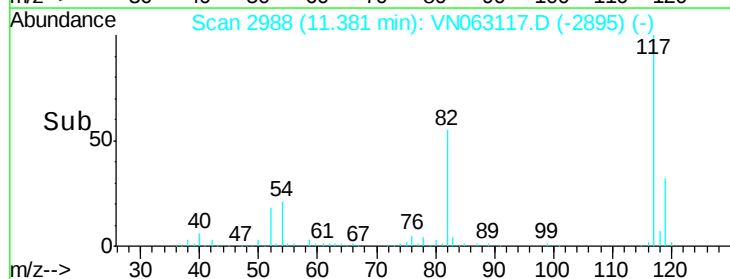
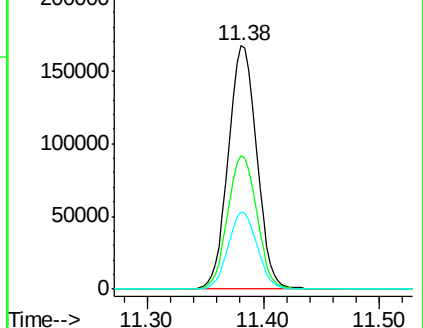
119 31.8 25.5 38.3

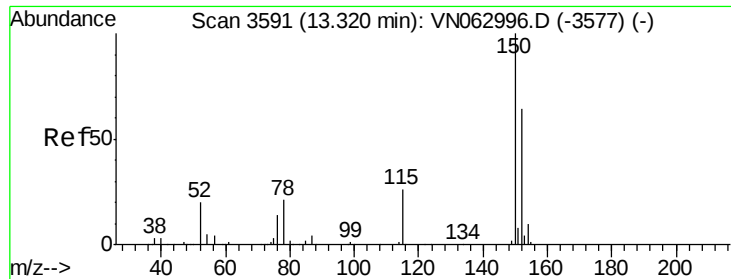


Abundance Ion 116.90 (116.60 to 117.60): VN063117.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN063117.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN063117.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063117.D

Acq: 25 Aug 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

1498

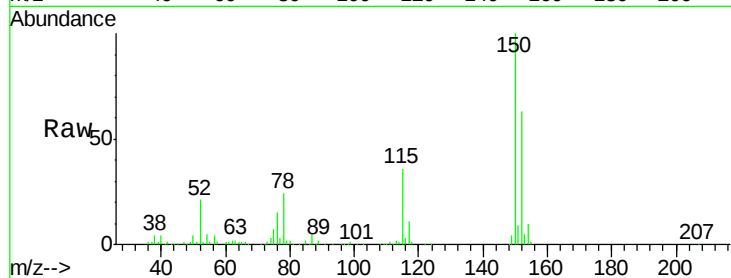
Tot Ion:152 Resp: 125127

Ion Ratio Lower Upper

152 100

115 56.9 28.7 86.3

150 157.6 0.0 348.8



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

