

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062844.D
 Acq On : 11 Aug 2020 21:10
 Operator : JC/MD
 Sample : L3626-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1717

Quant Time: Aug 11 21:50:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

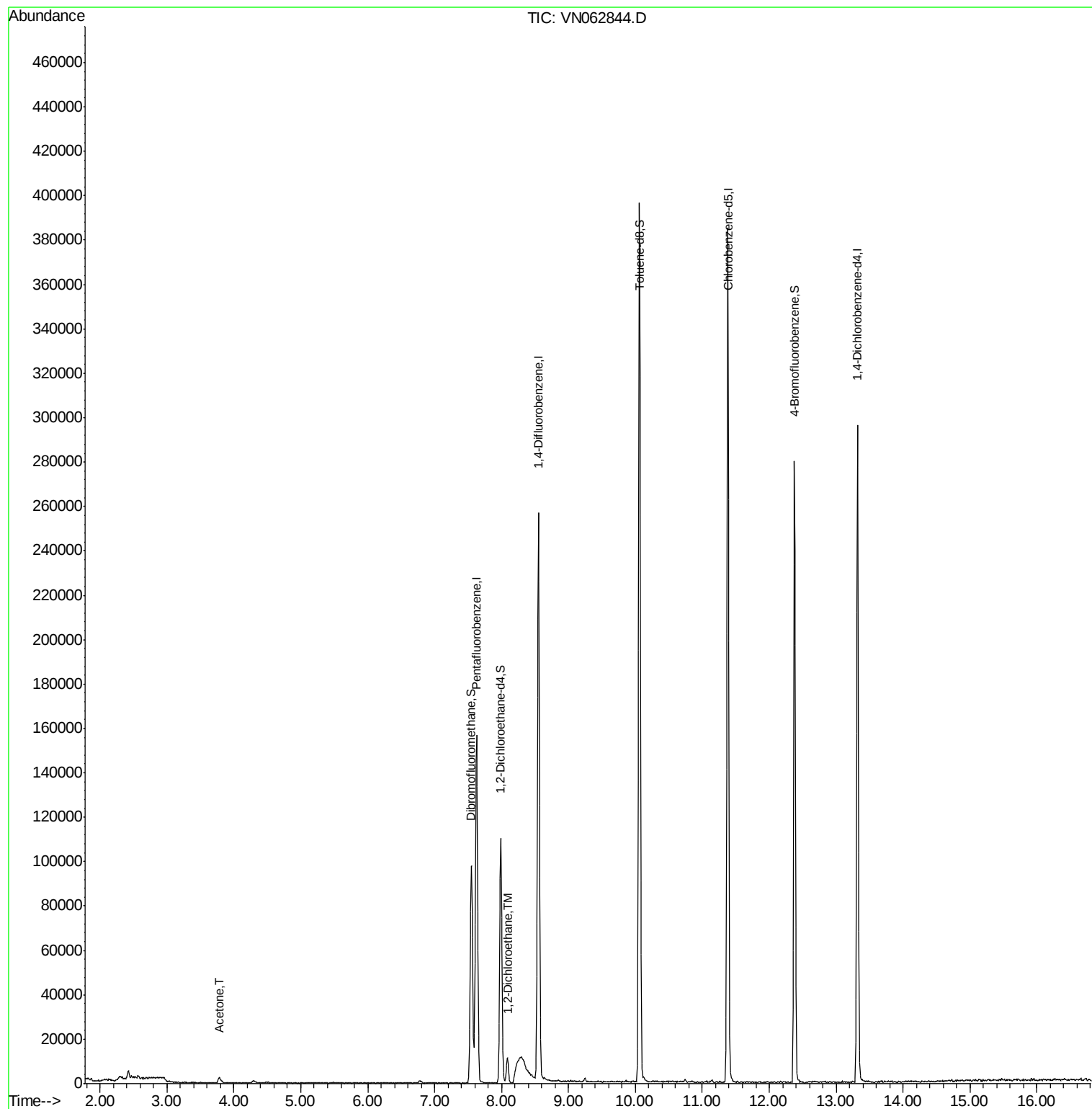
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	119012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	218299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	213760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	79307	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	102426	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	7.55	113	72404	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	10.06	98	276680	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	12.38	95	98986	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
Target Compounds						
16) Acetone	3.78	43	4625	6.504	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	11599	4.297	ug/l	93

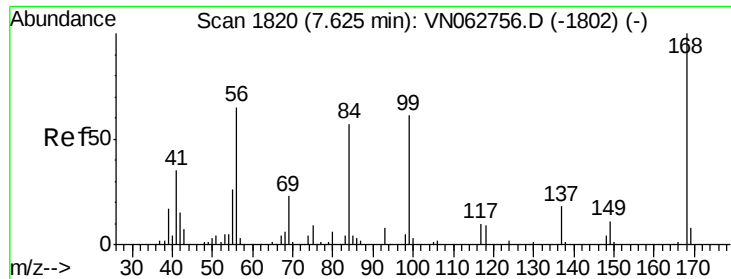
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062844.D

Acq: 11 Aug 2020 21:10

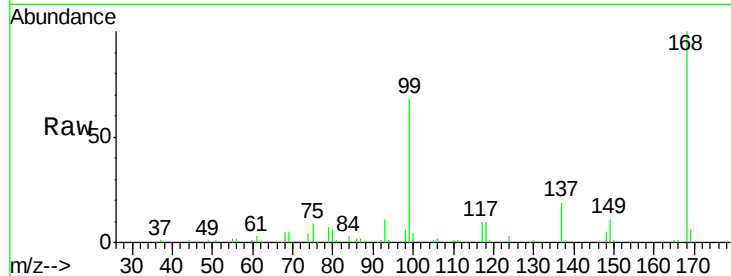
Instrument :
MSVOA_N
ClientSampled :
1717

Tot Ion:168 Resp: 119012

Ion Ratio Lower Upper

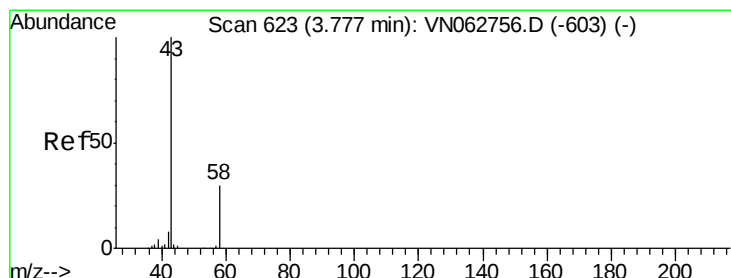
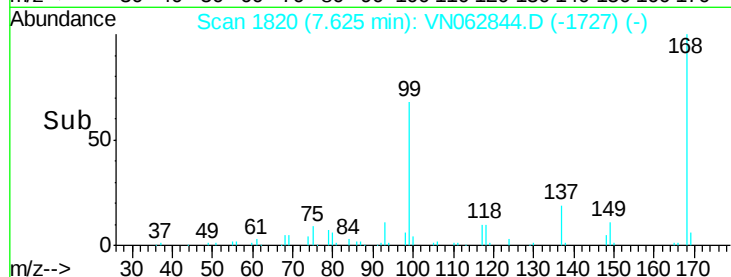
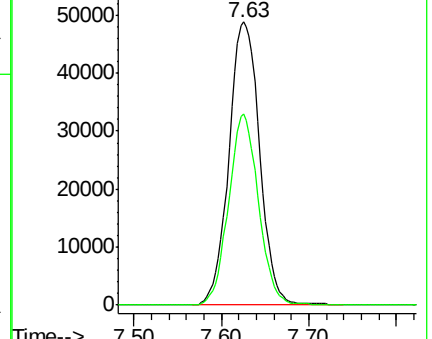
168 100

99 67.7 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 6.504 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062844.D

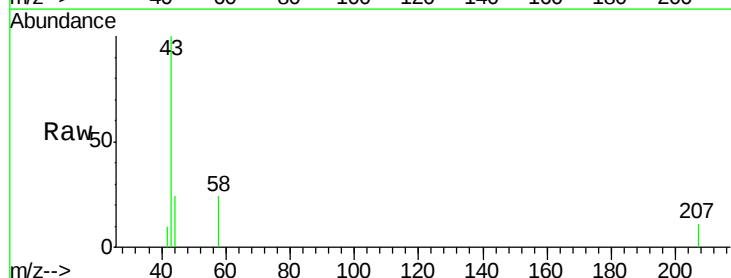
Acq: 11 Aug 2020 21:10

Tgt Ion: 43 Resp: 4625

Ion Ratio Lower Upper

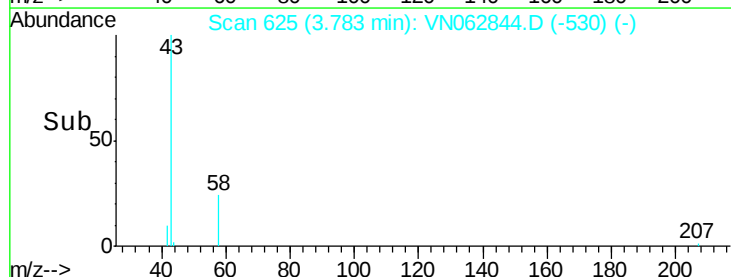
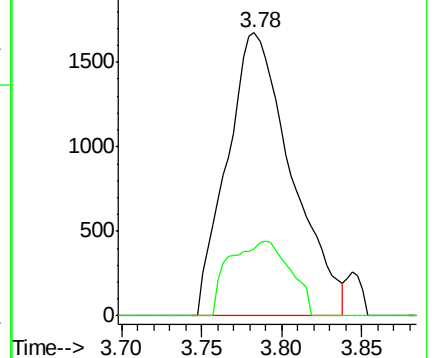
43 100

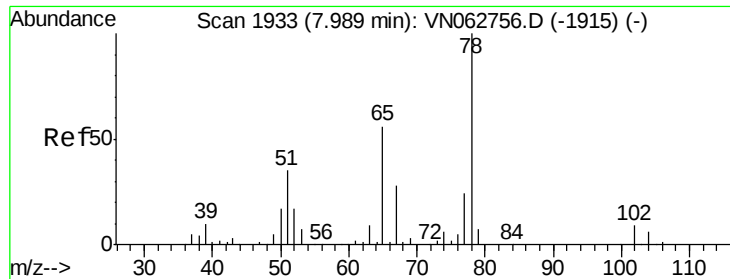
58 23.8 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#33

1,2-Dichloroethane-d4

Concen: 52.044 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062844.D

Acq: 11 Aug 2020 21:10

Instrument :

MSVOA_N

ClientSampleId :

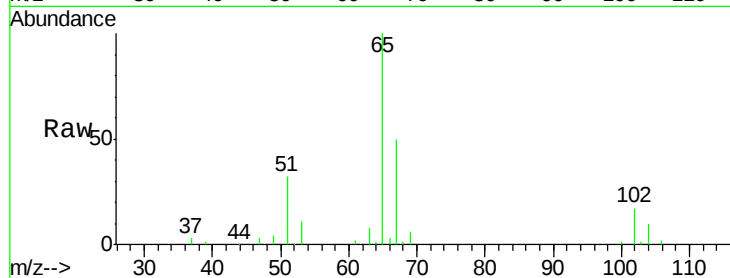
1717

Tot Ion: 65 Resp: 102426

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.4

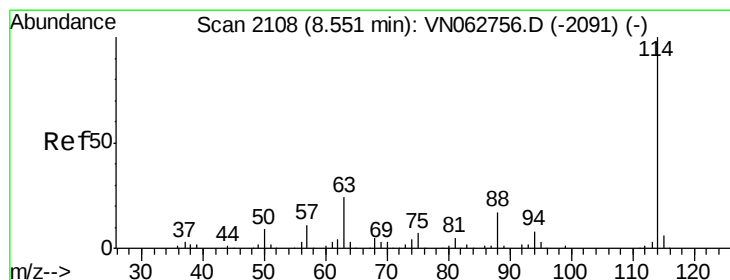
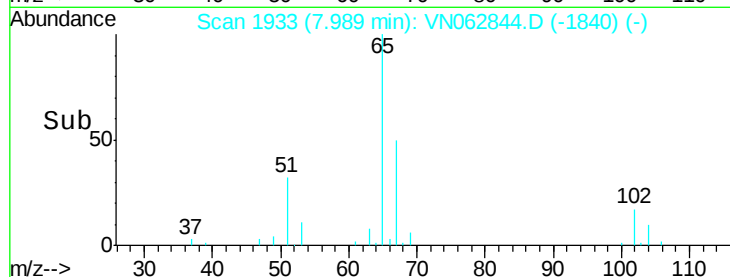


Abundance Ion 64.90 (64.60 to 65.60): VN062844.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062844.D (-1840) (-)

7.99

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062844.D

Acq: 11 Aug 2020 21:10

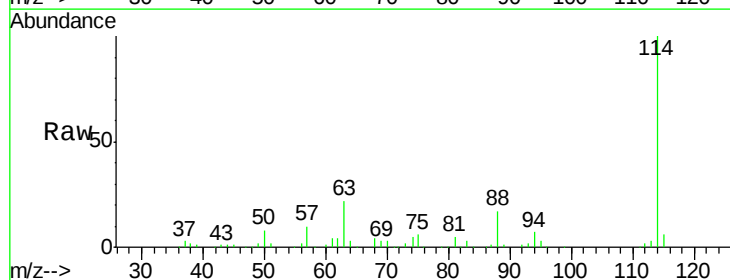
Tgt Ion: 114 Resp: 218299

Ion Ratio Lower Upper

114 100

63 22.4 0.0 47.6

88 17.1 0.0 34.4



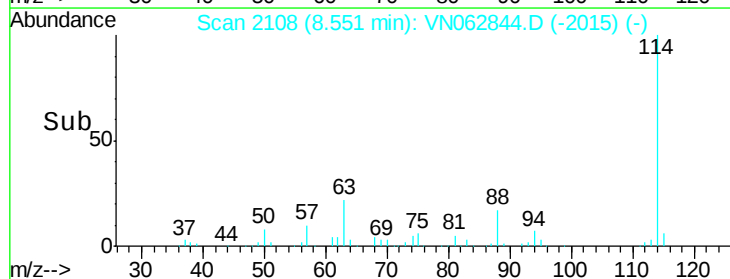
Abundance Ion 113.90 (113.60 to 114.60): VN062844.D (-2015) (-)

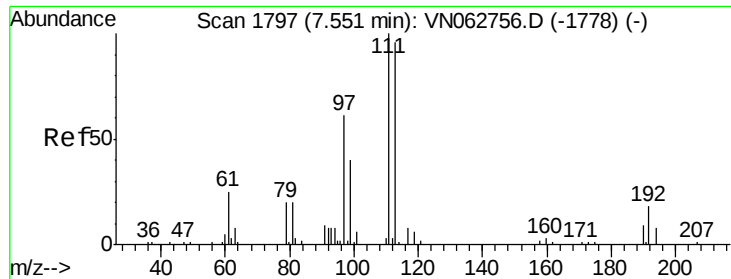
Ion 63.00 (62.70 to 63.70): VN062844.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062844.D (-2015) (-)

8.55

Time-->

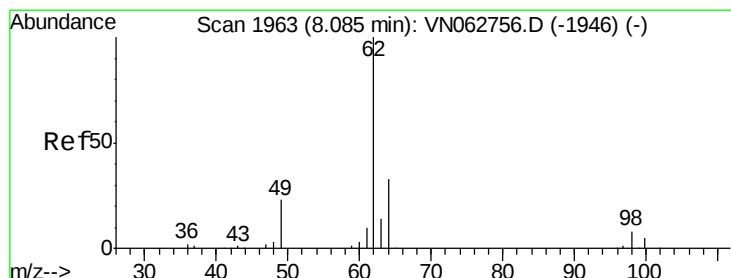
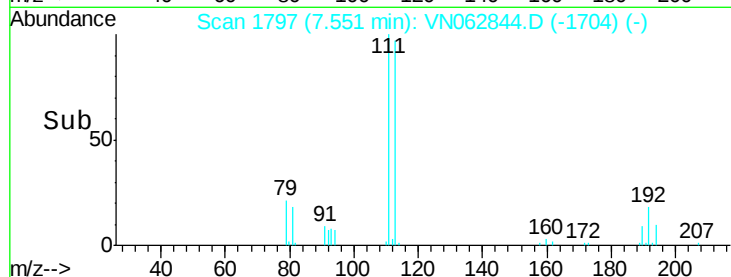
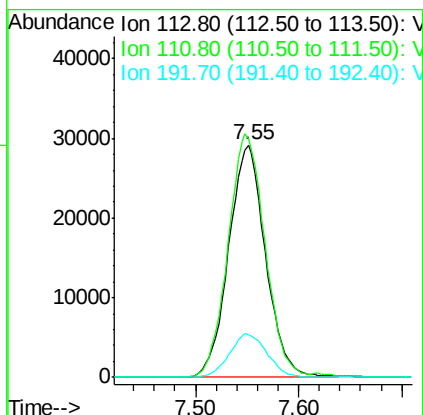
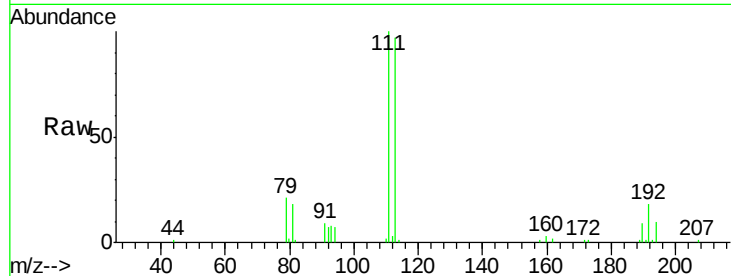




#35
 Dibromofluoromethane
 Concen: 48.486 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062844.D
 Acq: 11 Aug 2020 21:10

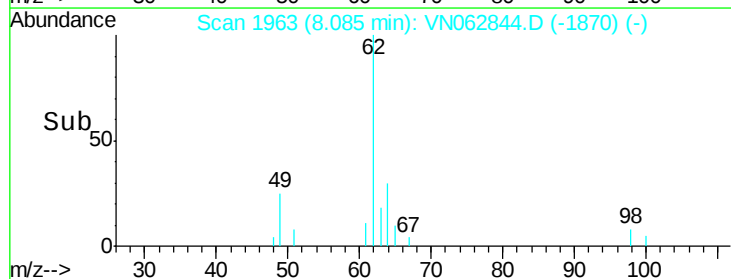
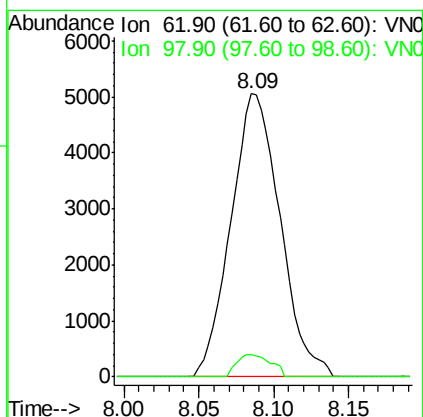
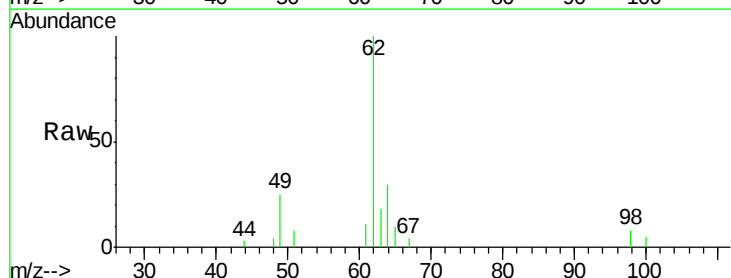
Instrument :
 MSVOA_N
 ClientSampleId :
 1717

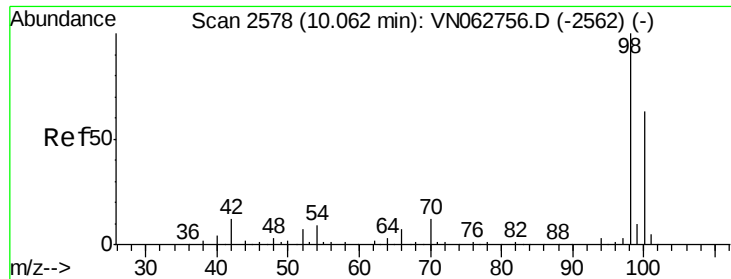
Tot Ion:113 Resp: 72404
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.8 122.6
 192 19.0 15.0 22.4



#42
 1,2-Dichloroethane
 Concen: 4.297 ug/l
 RT: 8.09 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VN062844.D
 Acq: 11 Aug 2020 21:10

Tgt Ion: 62 Resp: 11599
 Ion Ratio Lower Upper
 62 100
 98 5.4 0.0 15.8





#50

Toluene-d8

Concen: 47.459 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062844.D

Acq: 11 Aug 2020 21:10

Instrument :

MSVOA_N

ClientSampleId :

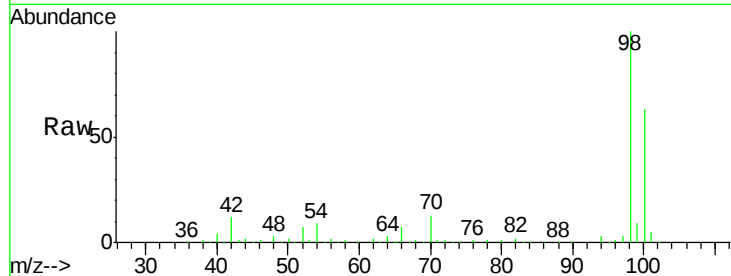
1717

Tot Ion: 98 Resp: 276680

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)

10.06

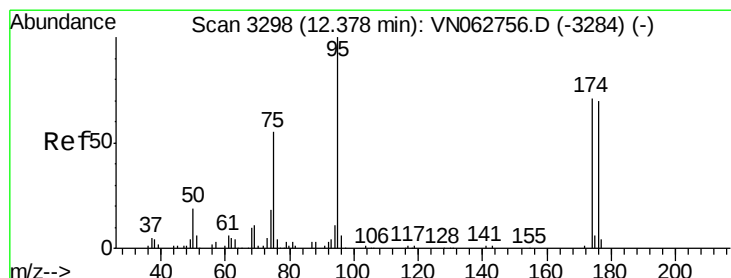
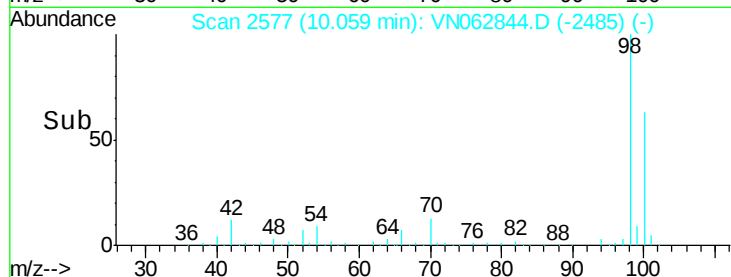
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.930 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062844.D

Acq: 11 Aug 2020 21:10

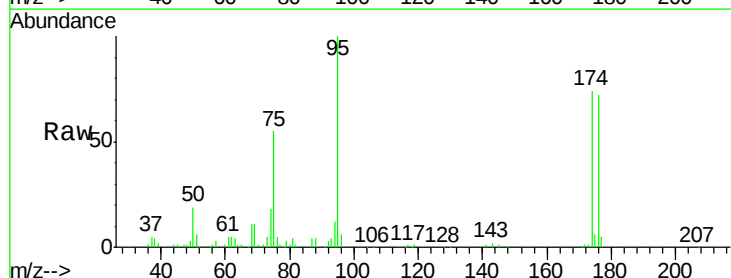
Tgt Ion: 95 Resp: 98986

Ion Ratio Lower Upper

95 100

174 76.4 0.0 144.8

176 72.3 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)

12.38

80000

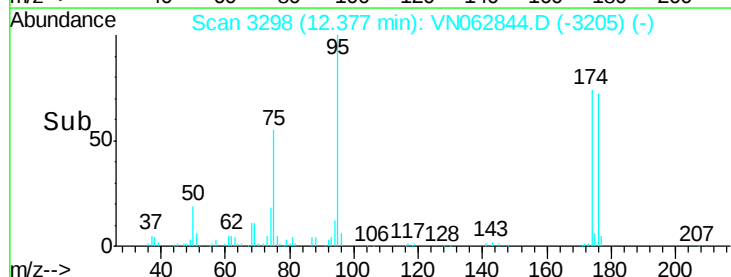
60000

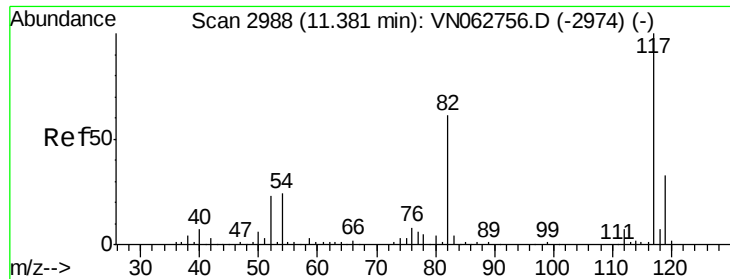
40000

20000

0

Time-->

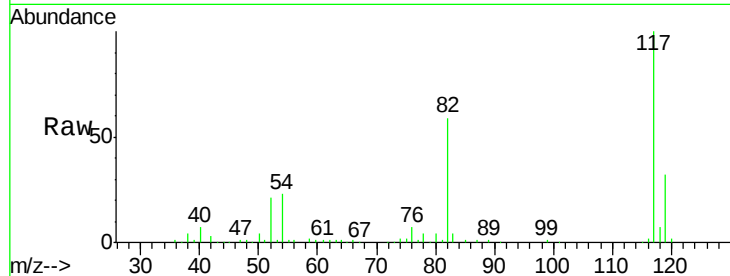




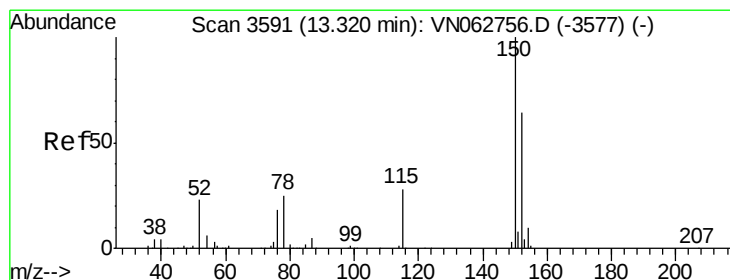
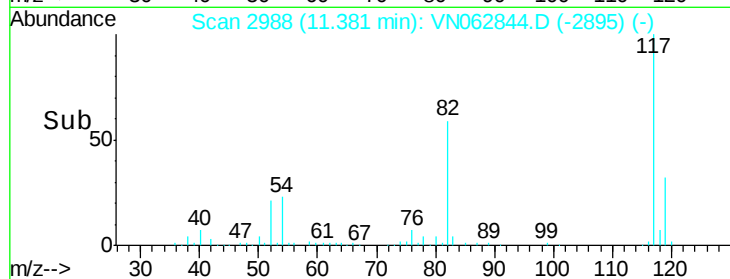
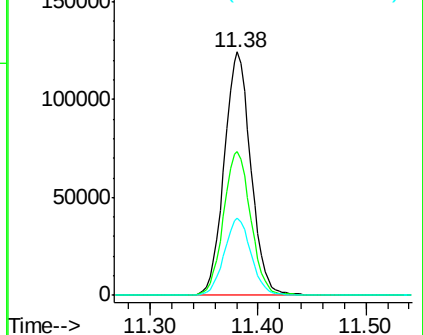
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN062844.D
 Acq: 11 Aug 2020 21:10

Instrument :
 MSVOA_N
 ClientSampleId :
 1717

Tot Ion:117 Resp: 213760
 Ion Ratio Lower Upper
 117 100
 82 59.2 49.0 73.4
 119 31.7 26.2 39.2

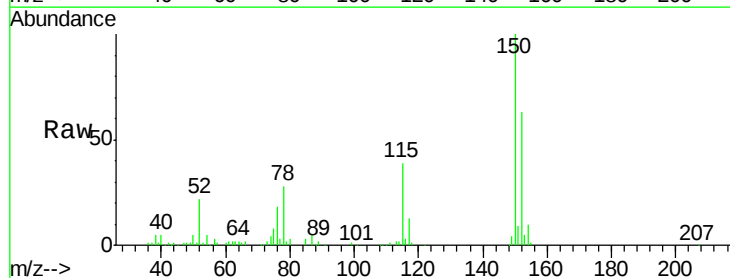


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3591
 Delta R.T. -0.00 min
 Lab File: VN062844.D
 Acq: 11 Aug 2020 21:10

Tgt Ion:152 Resp: 79307
 Ion Ratio Lower Upper
 152 100
 115 62.8 31.6 94.8
 150 158.0 0.0 349.2



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

