

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062838.D
 Acq On : 11 Aug 2020 18:44
 Operator : JC/MD
 Sample : L3624-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-TP-4

Quant Time: Aug 11 21:41:48 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

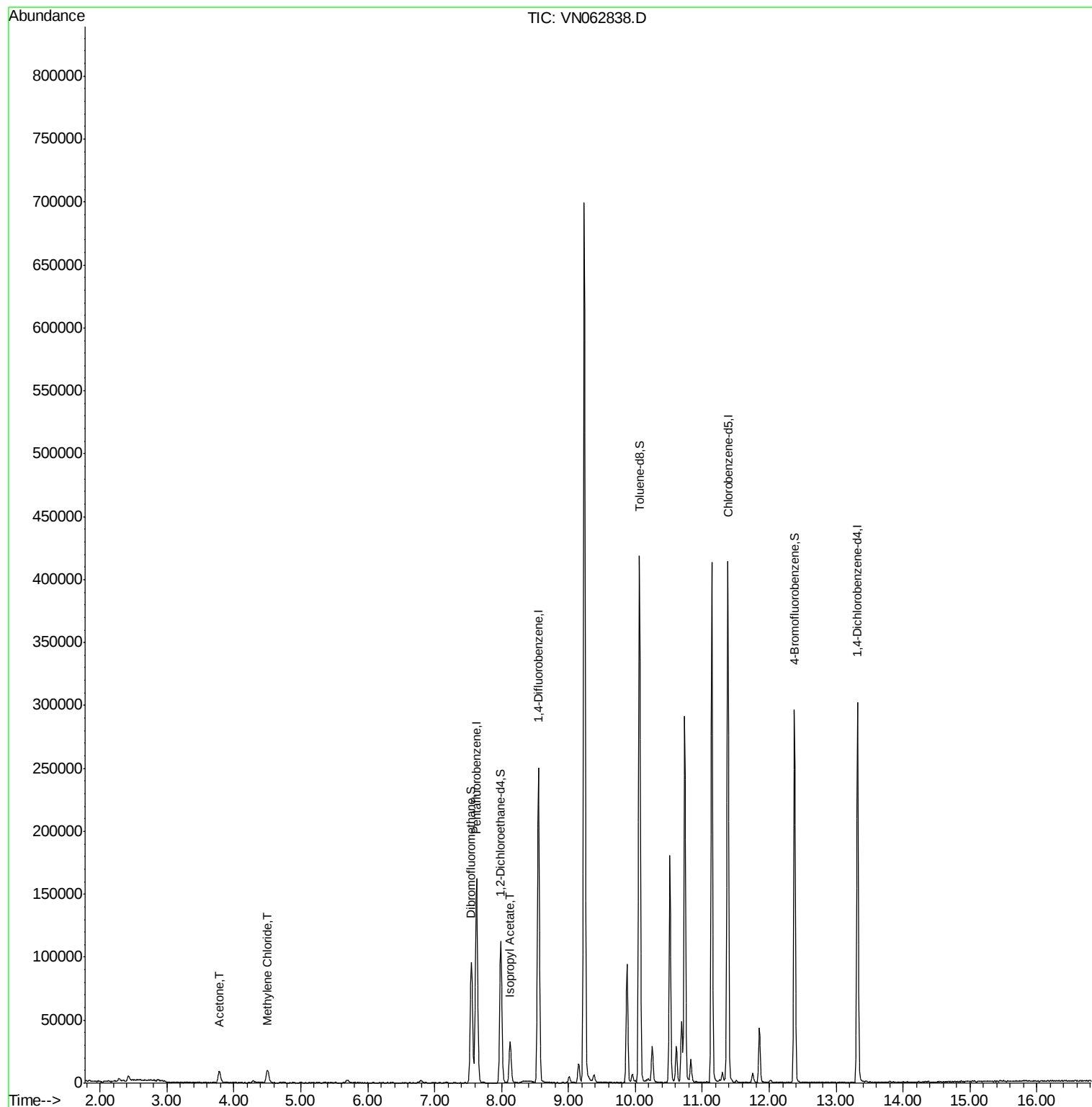
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	121165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	215104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	228815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	104988	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
35) Dibromofluoromethane	7.55	113	73226	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	10.06	98	288507	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.38	95	104933	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
Target Compounds						
16) Acetone	3.78	43	16386	22.632	ug/l	93
20) Methylene Chloride	4.51	84	7655	5.095	ug/l	94
43) Isopropyl Acetate	8.13	43	38000	10.413	ug/l	97

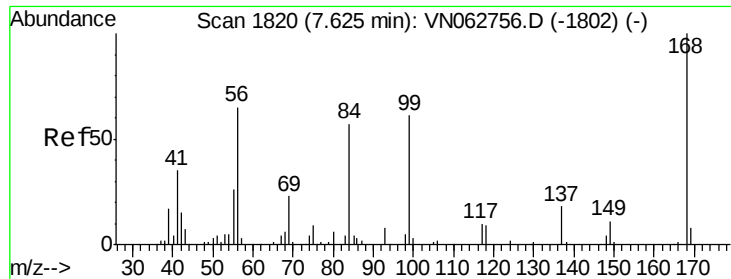
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081120\
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062838.D

Acq: 11 Aug 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

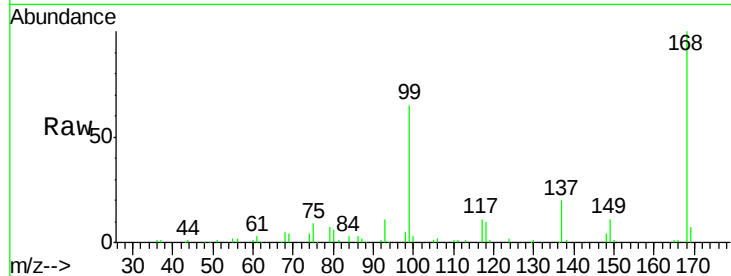
SS-TP-4

Tot Ion:168 Resp: 121165

Ion Ratio Lower Upper

168 100

99 65.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

30000

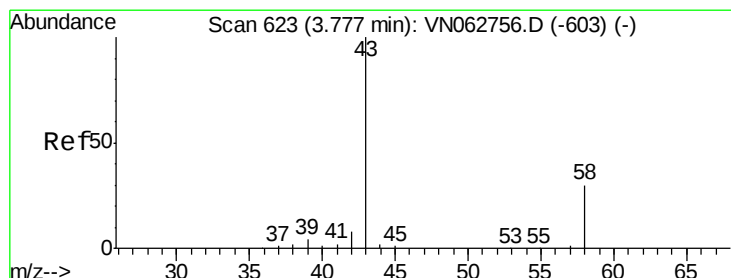
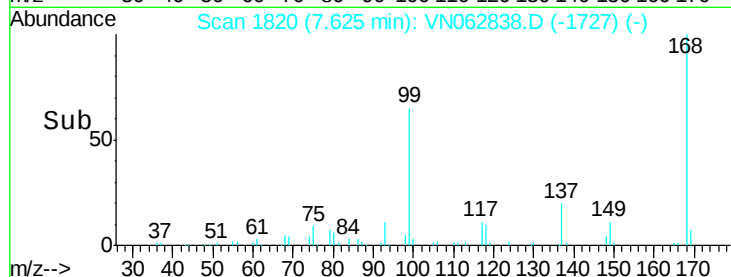
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 22.632 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062838.D

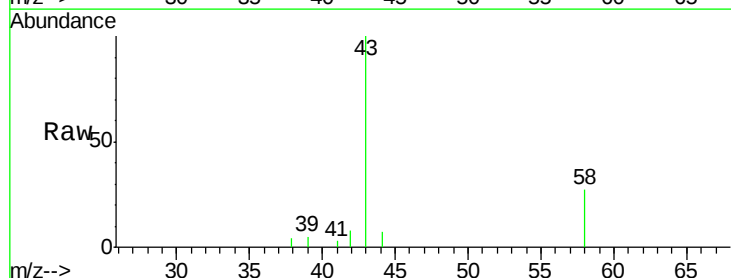
Acq: 11 Aug 2020 18:44

Tgt Ion: 43 Resp: 16386

Ion Ratio Lower Upper

43 100

58 26.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

6000

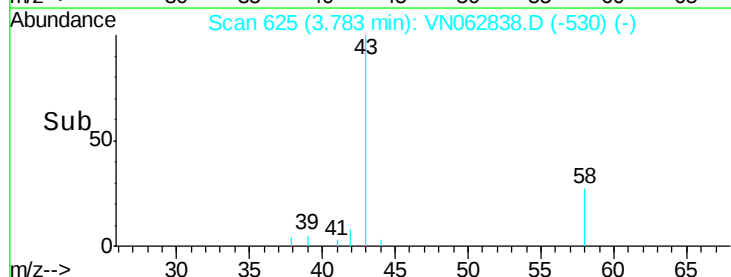
4000

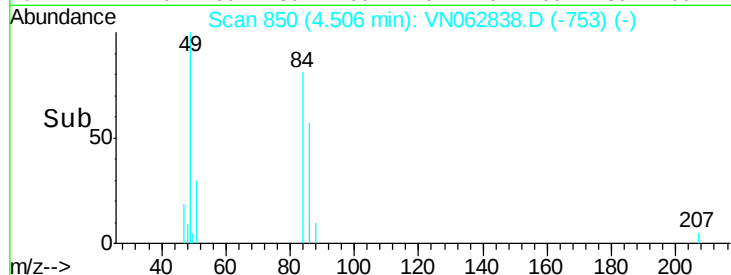
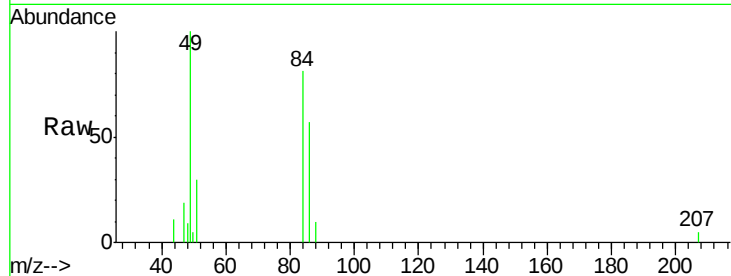
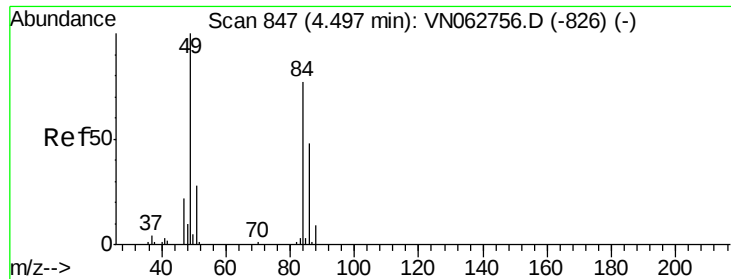
2000

0

Time-->

3.70 3.75 3.80 3.85

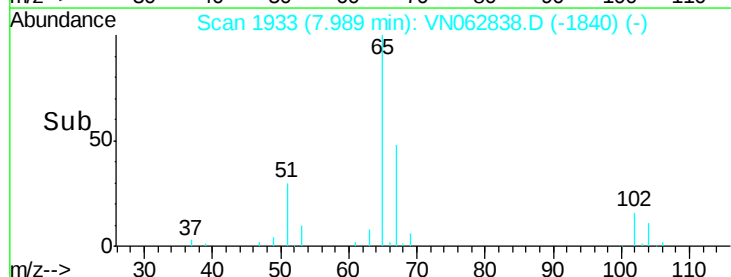
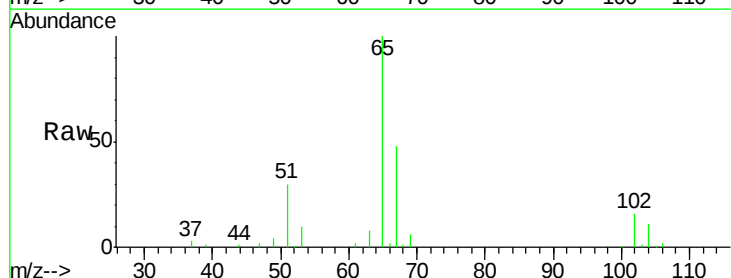
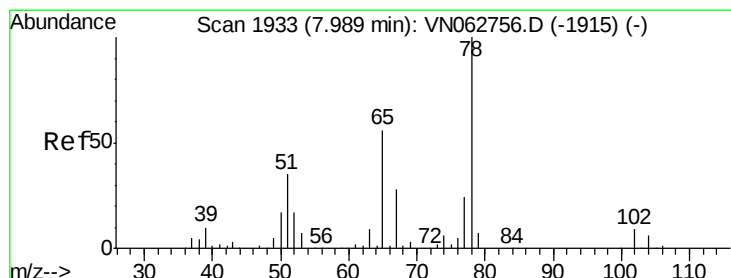
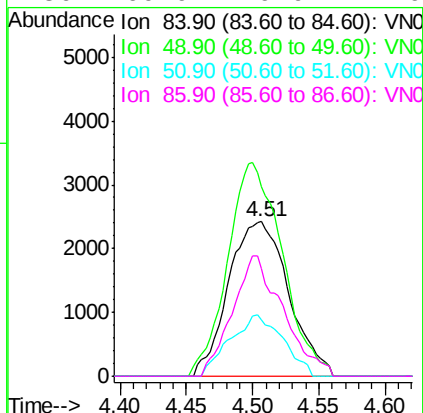




#20
Methylene Chloride
Concen: 5.095 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062838.D
Acq: 11 Aug 2020 18:44

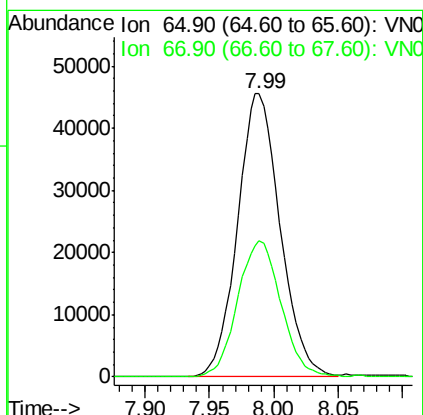
Instrument :
MSVOA_N
ClientSampled :
SS-TP-4

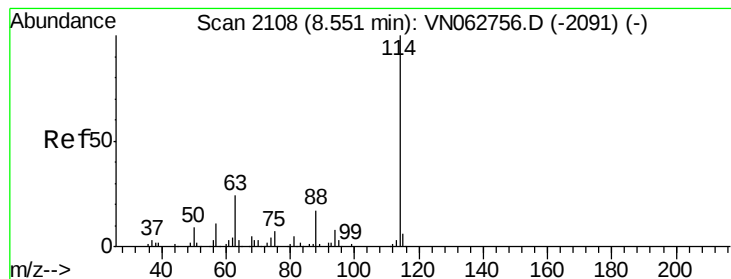
Tot Ion:	84	Resp:	7655
Ion	Ratio	Lower	Upper
84	100		
49	122.9	103.4	155.2
51	36.6	29.3	43.9
86	69.9	49.9	74.9



#33
1,2-Dichloroethane-d4
Concen: 52.397 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062838.D
Acq: 11 Aug 2020 18:44

Tgt Ion:	65	Resp:	104988
Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062838.D

Acq: 11 Aug 2020 18:44

Instrument :

MSVOA_N

ClientSampled :

SS-TP-4

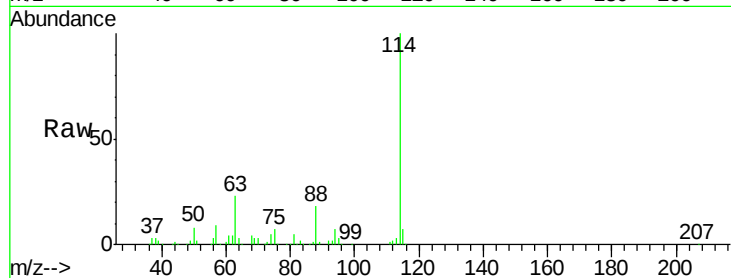
Tot Ion:114 Resp: 215104

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.6

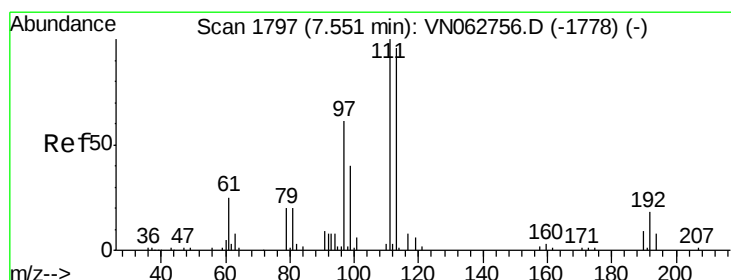
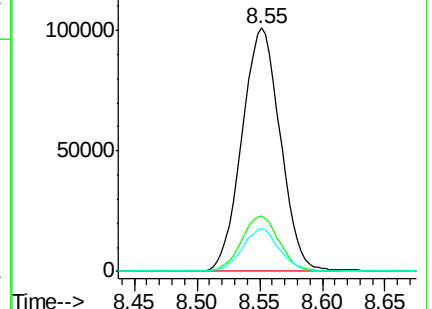
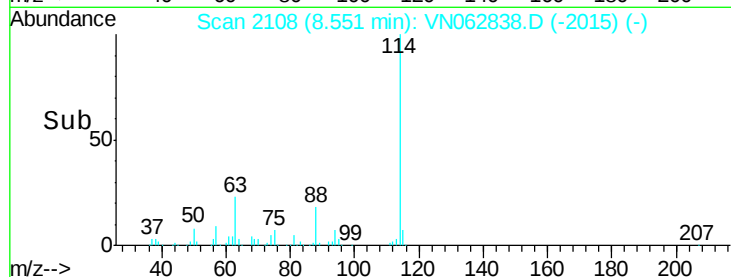
88 17.5 0.0 34.4



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: 49.765 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062838.D

Acq: 11 Aug 2020 18:44

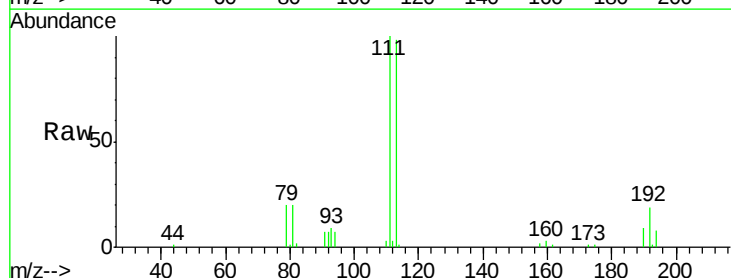
Tgt Ion:113 Resp: 73226

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.6

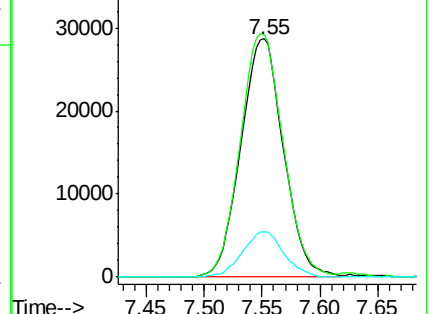
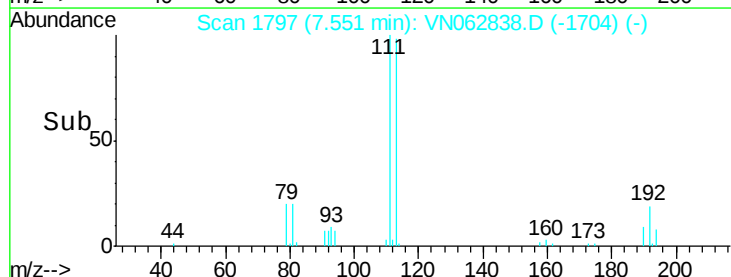
192 18.6 15.0 22.4

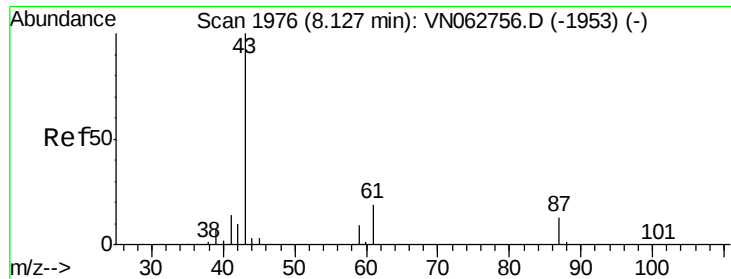


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.413 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062838.D

Acq: 11 Aug 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

SS-TP-4

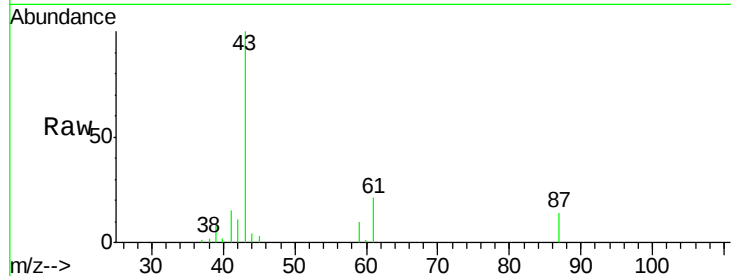
Tot Ion: 43 Resp: 38000

Ion Ratio Lower Upper

43 100

61 20.7 15.8 23.6

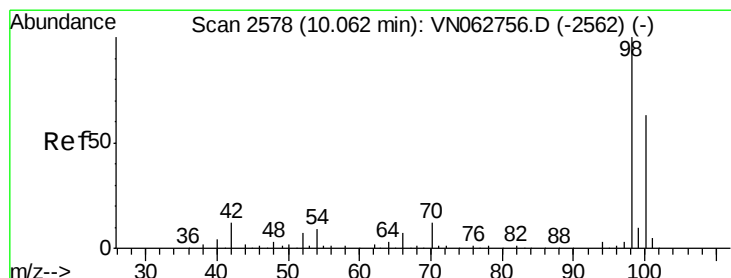
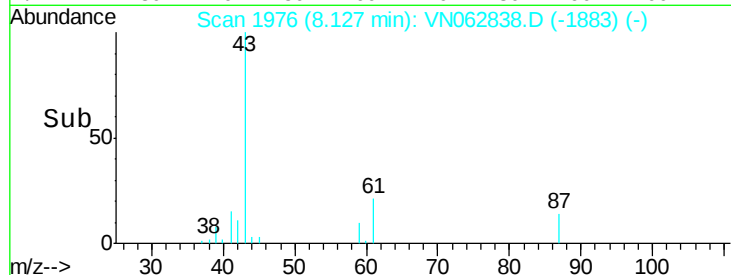
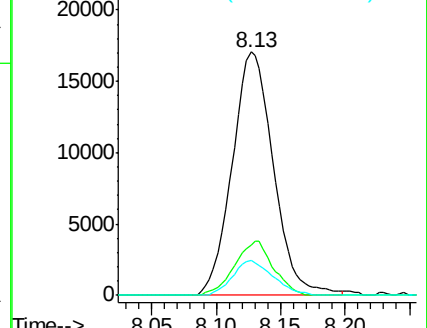
87 14.0 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062838.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062838.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062838.D (-1883) (-)



#50

Toluene-d8

Concen: 50.222 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062838.D

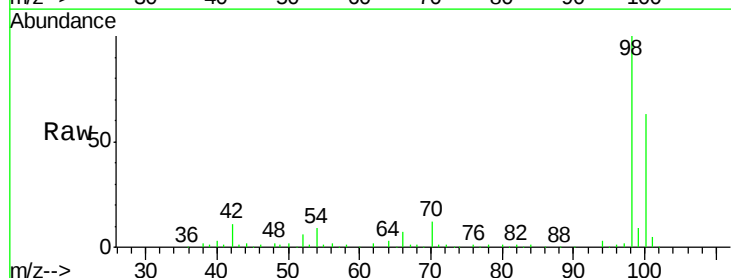
Acq: 11 Aug 2020 18:44

Tgt Ion: 98 Resp: 288507

Ion Ratio Lower Upper

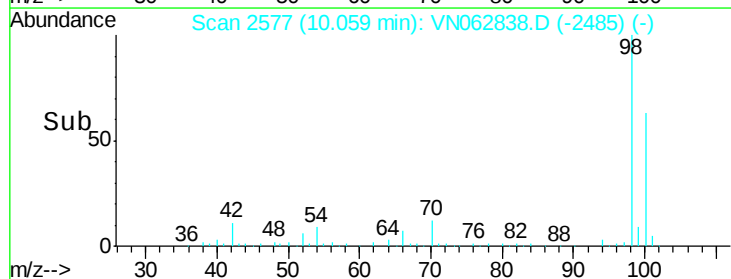
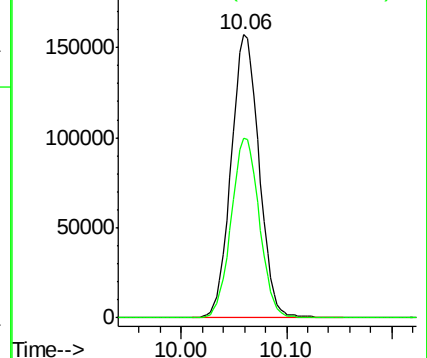
98 100

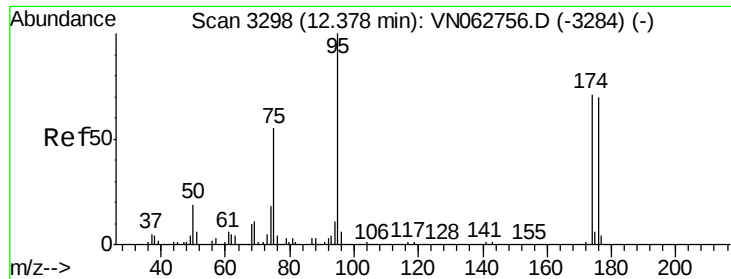
100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062838.D (-2485) (-)

Ion 100.00 (99.70 to 100.70): VN062838.D (-2485) (-)

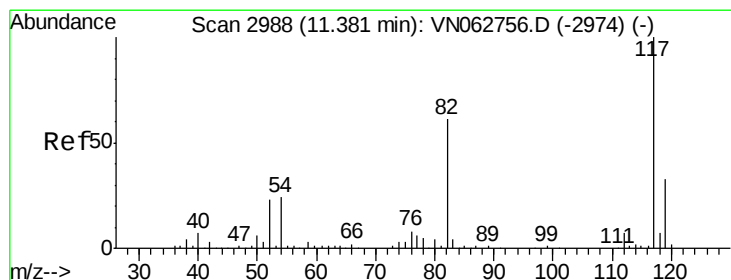
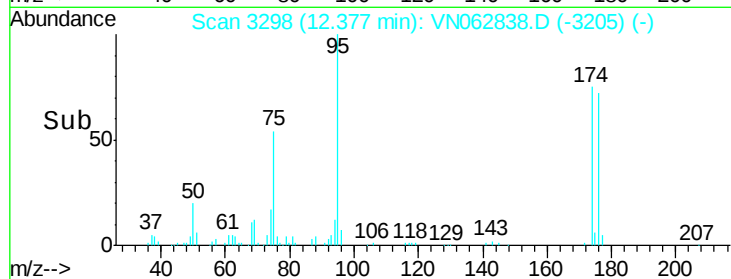
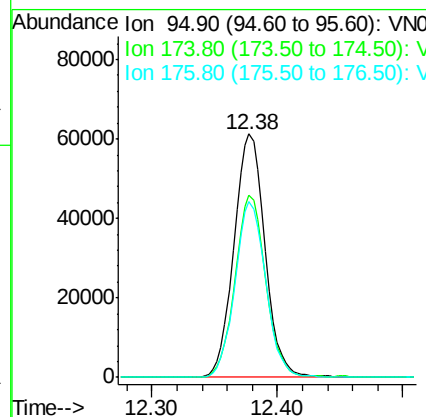
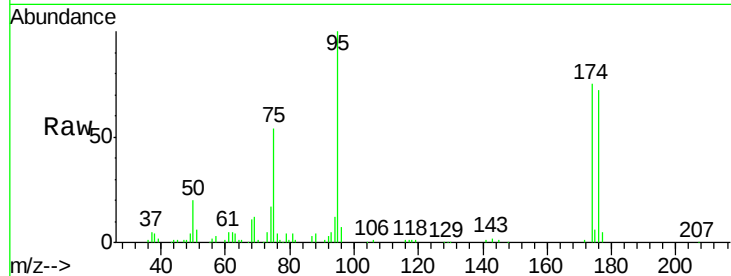




#62
4-Bromofluorobenzene
Concen: 48.337 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062838.D
Acq: 11 Aug 2020 18:44

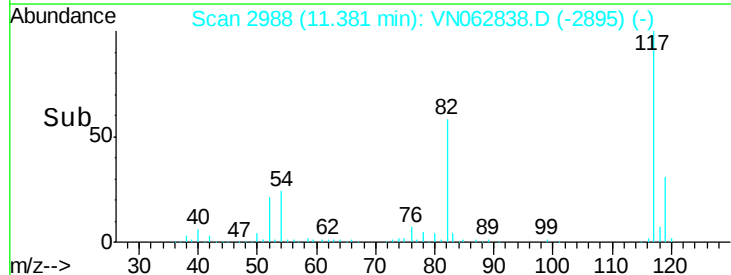
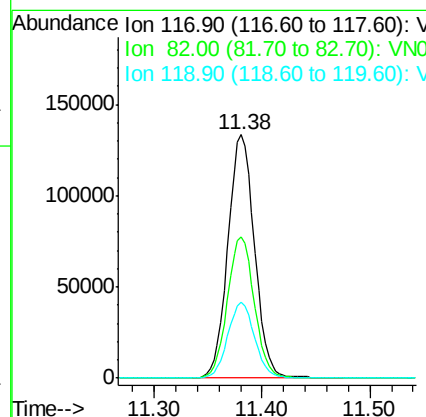
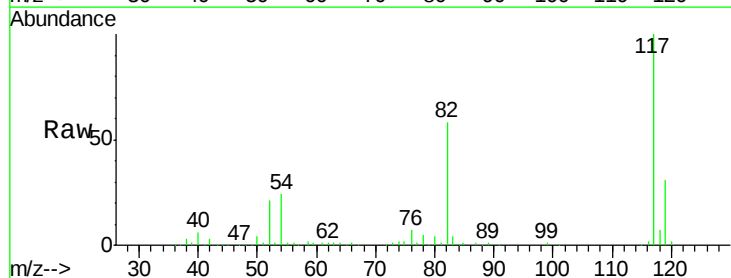
Instrument :
MSVOA_N
ClientSampled :
SS-TP-4

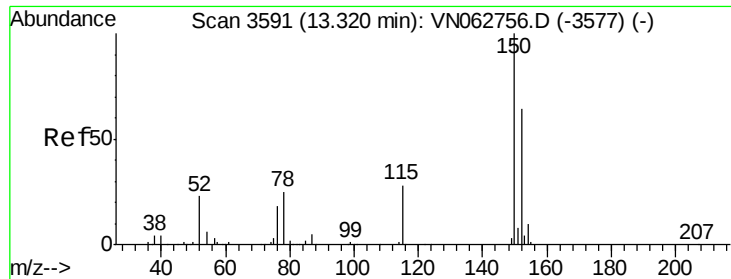
Tot Ion: 95 Resp: 104933
Ion Ratio Lower Upper
95 100
174 74.1 0.0 144.8
176 71.4 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062838.D
Acq: 11 Aug 2020 18:44

Tgt Ion: 117 Resp: 228815
Ion Ratio Lower Upper
117 100
82 58.2 49.0 73.4
119 30.9 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062838.D

Acq: 11 Aug 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

SS-TP-4

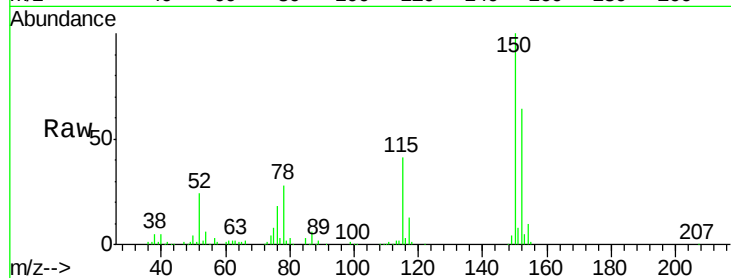
Tot Ion:152 Resp: 80616

Ion Ratio Lower Upper

152 100

115 64.1 31.6 94.8

150 159.4 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

