

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062916.D
 Acq On : 13 Aug 2020 17:41
 Operator : JC/MD
 Sample : PB130936TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130936TB

Quant Time: Aug 14 08:51:45 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

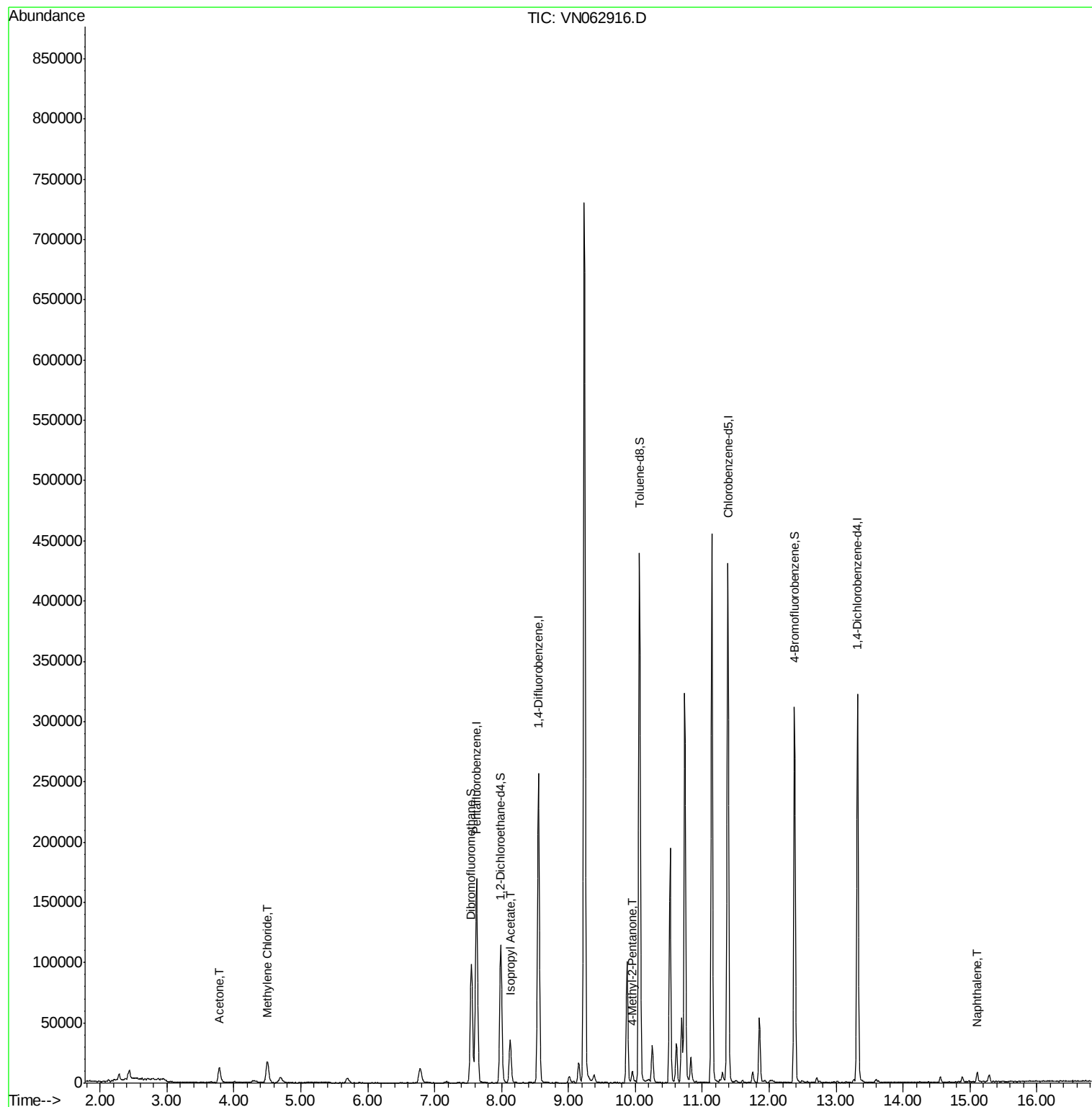
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	129245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	219478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	232167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	108362	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
35) Dibromofluoromethane	7.55	113	75419	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	10.06	98	298010	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.38	95	111487	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
Target Compounds						
16) Acetone	3.78	43	21601	27.970	ug/l	92
20) Methylene Chloride	4.50	84	13450	8.891	ug/l	93
43) Isopropyl Acetate	8.13	43	40943	10.996	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	5593	2.322	ug/l	90
95) Naphthalene	15.11	128	8484	5.684	ug/l #	94

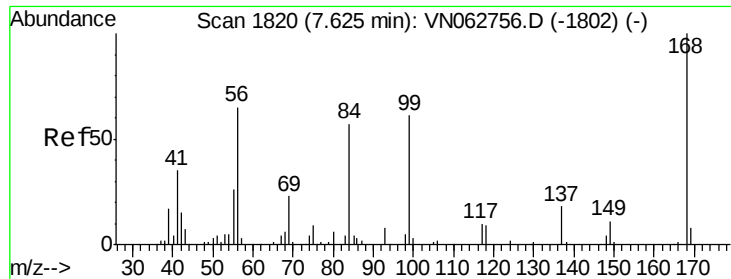
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081320\
Data File : VN062916.D
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MSVOA_N
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PB130936TB

Quant Time: Aug 14 08:51:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
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: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

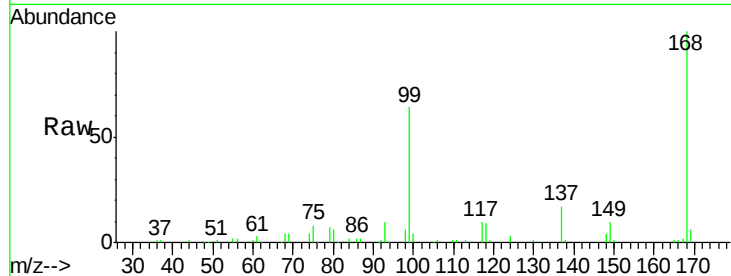
PB130936TB

Tot Ion:168 Resp: 129245

Ion Ratio Lower Upper

168 100

99 63.8 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

50000

40000

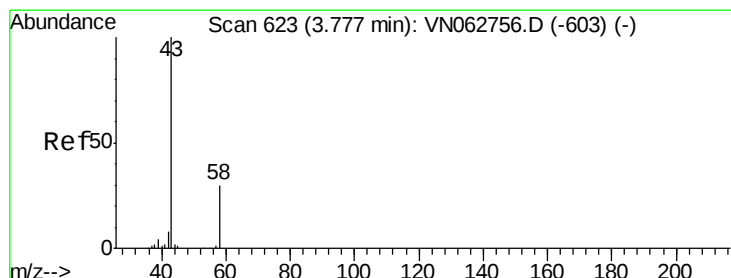
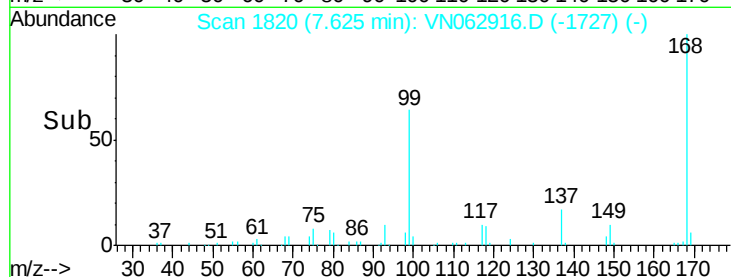
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 27.970 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062916.D

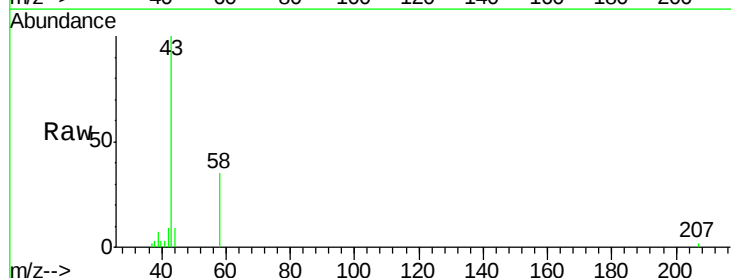
Acq: 13 Aug 2020 17:41

Tgt Ion: 43 Resp: 21601

Ion Ratio Lower Upper

43 100

58 34.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

8000

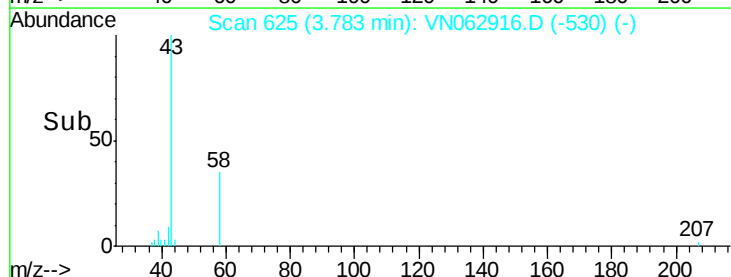
6000

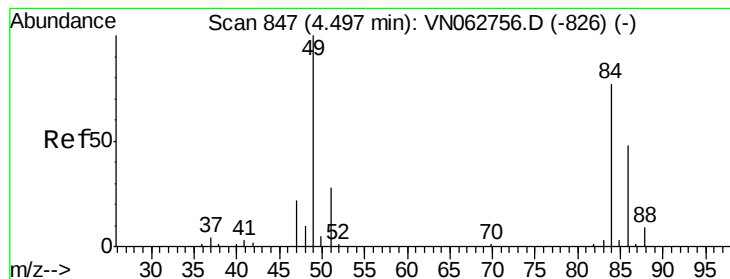
4000

2000

0

Time-->





#20

Methvlene Chloride

Concen: 8.891 ug/l

RT: 4.50 min Scan# 847

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

PB130936TB

Tot Ion: 84 Resp: 13450

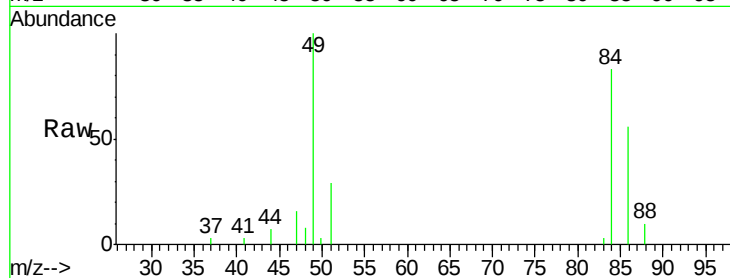
Ion Ratio Lower Upper

84 100

49 120.2 103.4 155.2

51 34.7 29.3 43.9

86 67.0 49.9 74.9

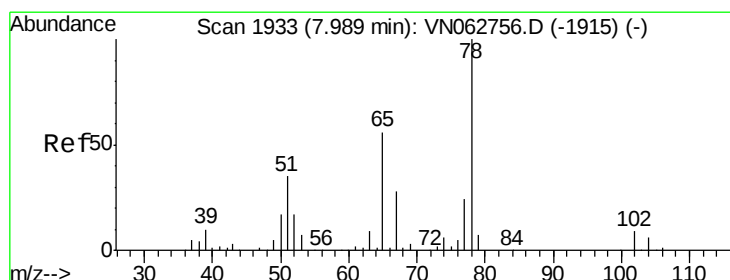
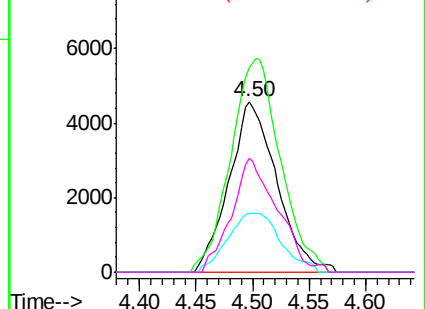
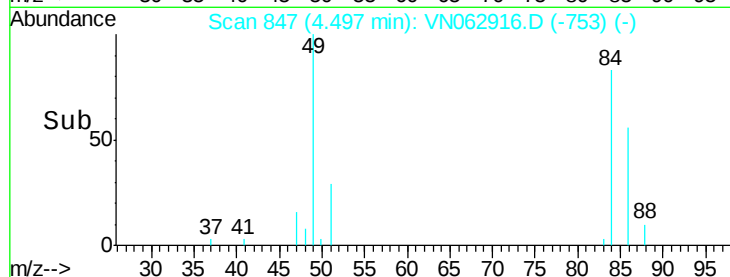


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 50.700 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062916.D

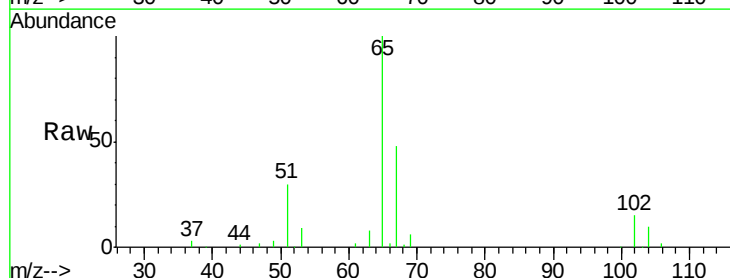
Acq: 13 Aug 2020 17:41

Tgt Ion: 65 Resp: 108362

Ion Ratio Lower Upper

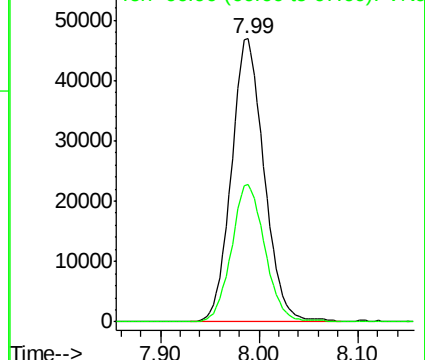
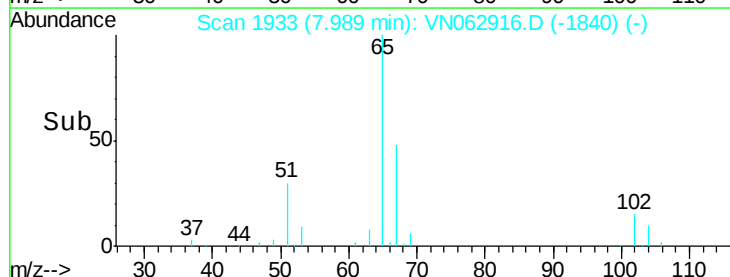
65 100

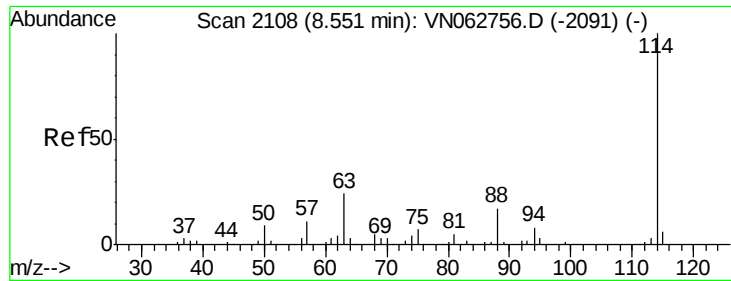
67 49.6 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

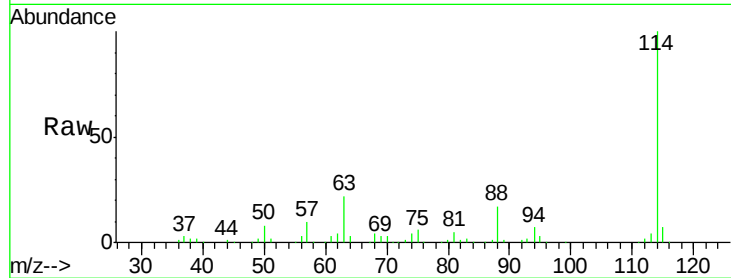




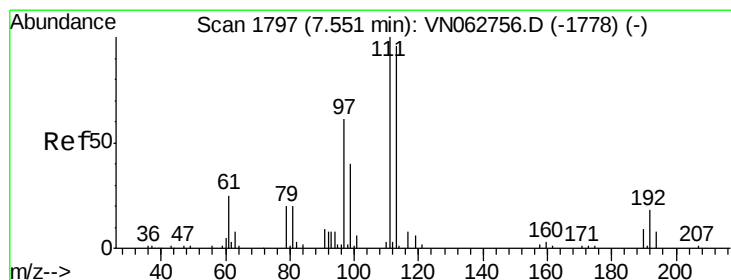
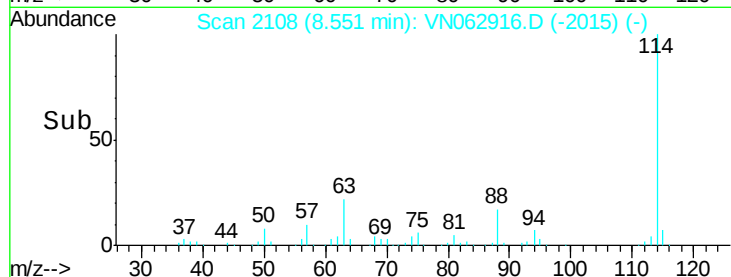
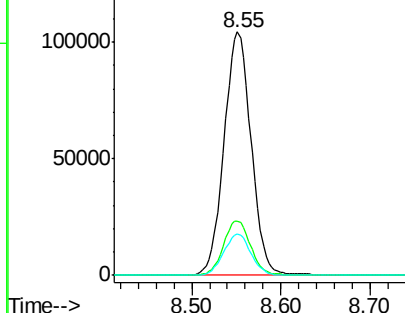
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

Instrument :
MSVOA_N
ClientSampled :
PB130936TB

Tot Ion:114 Resp: 219478
Ion Ratio Lower Upper
114 100
63 22.4 0.0 47.6
88 17.2 0.0 34.4

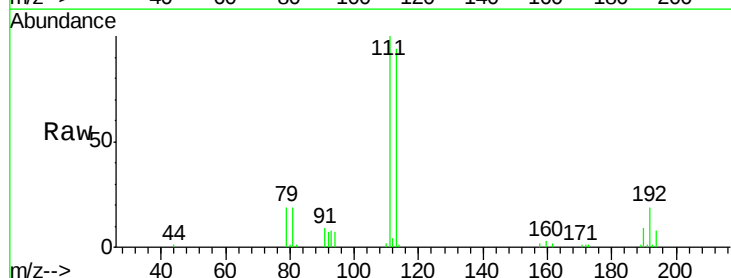


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

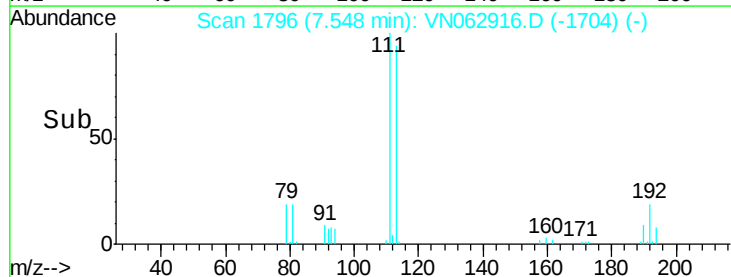
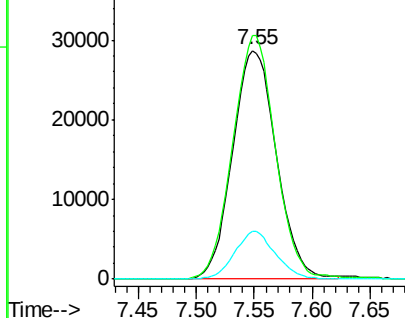


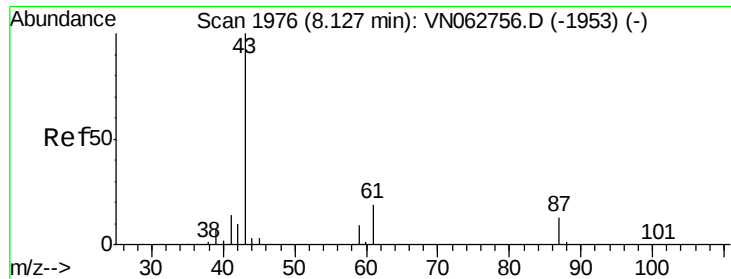
#35
Dibromofluoromethane
Concen: 50.234 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

Tgt Ion:113 Resp: 75419
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 19.3 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: 10.996 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

PB130936TB

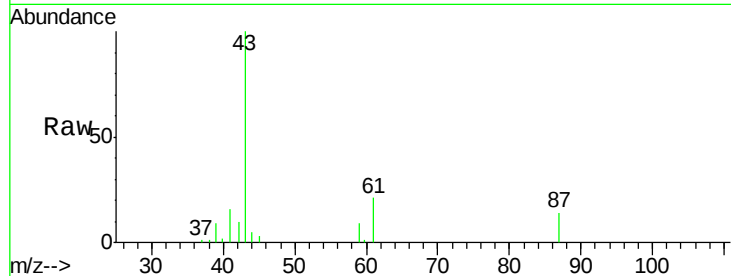
Tot Ion: 43 Resp: 40943

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.6

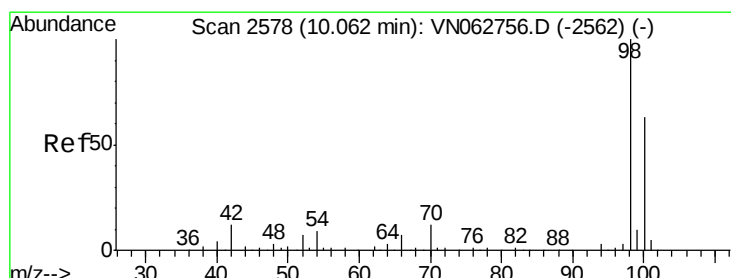
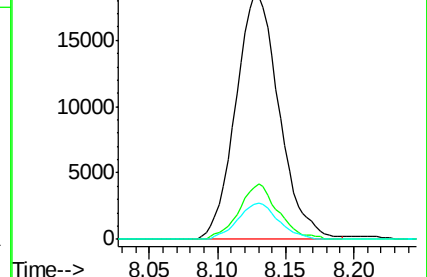
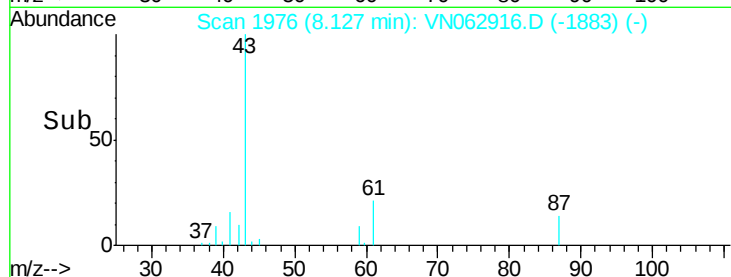
87 13.8 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062916.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062916.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062916.D (-1883) (-)



#50

Toluene-d8

Concen: 50.843 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN062916.D

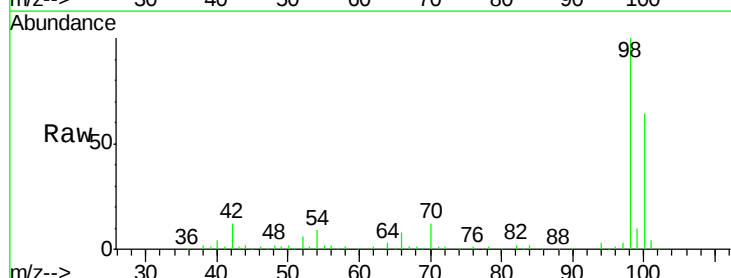
Acq: 13 Aug 2020 17:41

Tgt Ion: 98 Resp: 298010

Ion Ratio Lower Upper

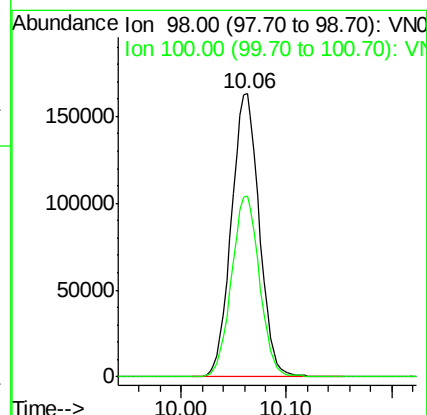
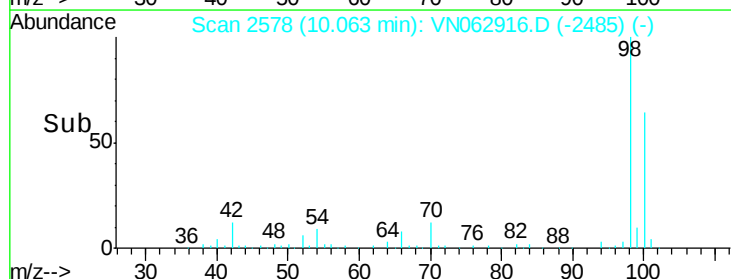
98 100

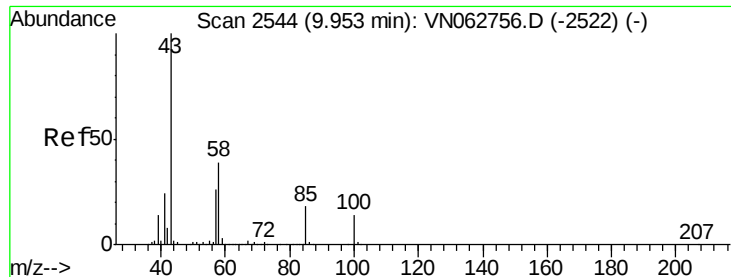
100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062916.D (-2485) (-)

Ion 100.00 (99.70 to 100.70): VN062916.D (-2485) (-)





#51

4-Methyl-2-Pentanone

Concen: 2.322 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

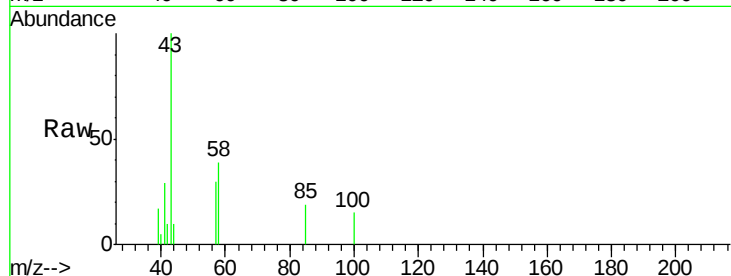
PB130936TB

Tot Ion: 43 Resp: 5593

Ion Ratio Lower Upper

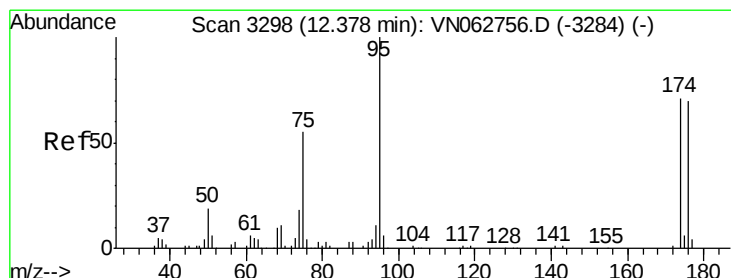
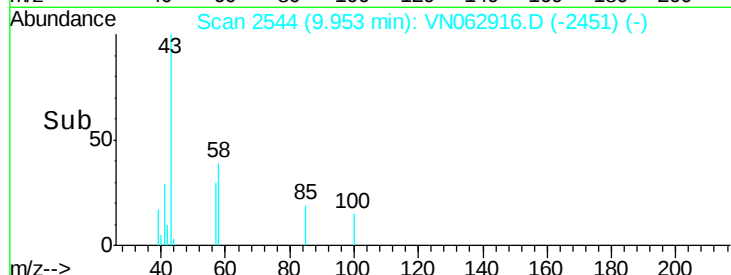
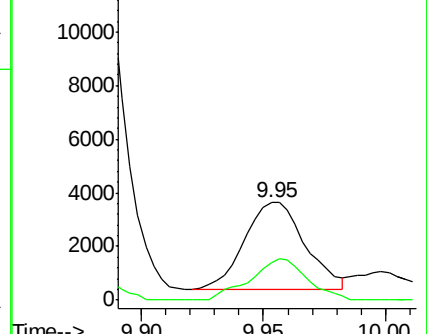
43 100

58 44.8 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 50.332 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

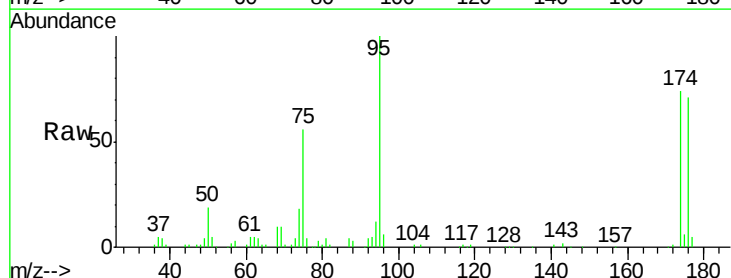
Tgt Ion: 95 Resp: 111487

Ion Ratio Lower Upper

95 100

174 73.7 0.0 144.8

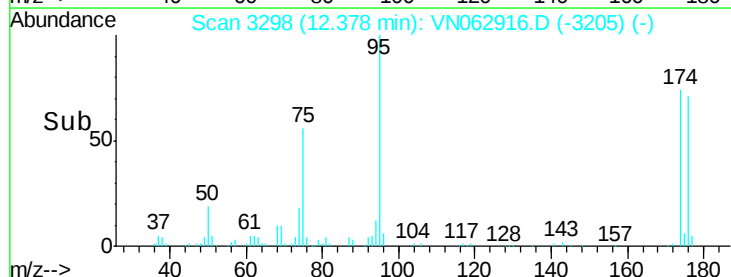
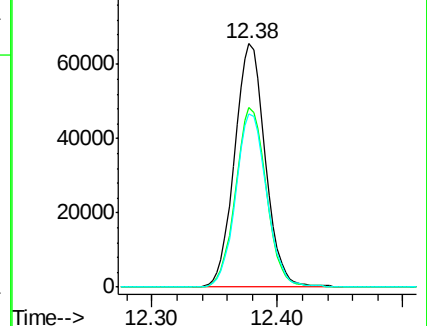
176 72.0 0.0 142.2

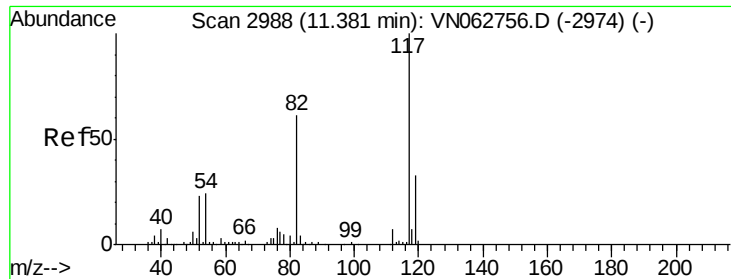


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

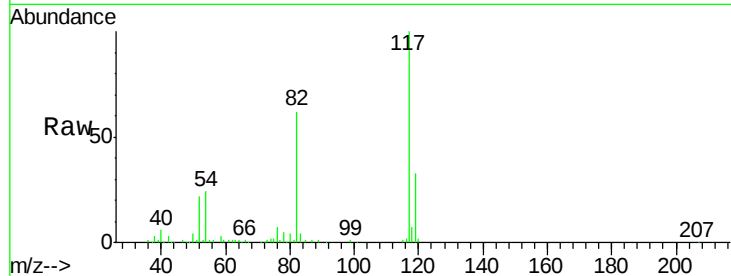




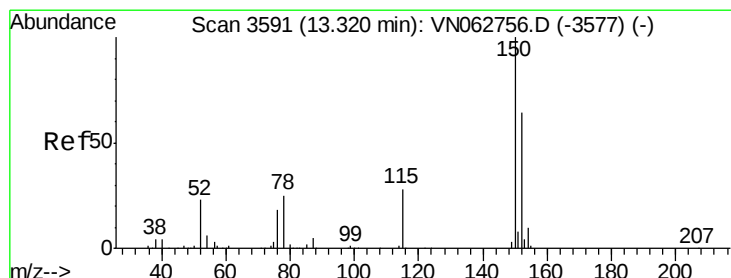
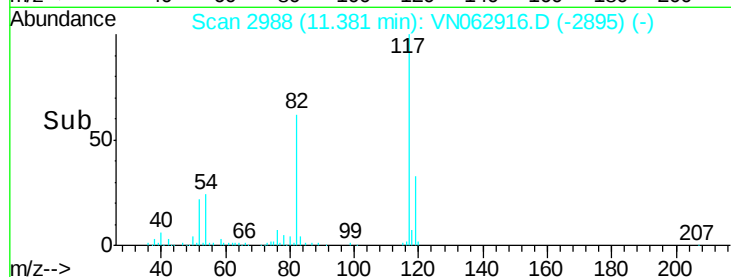
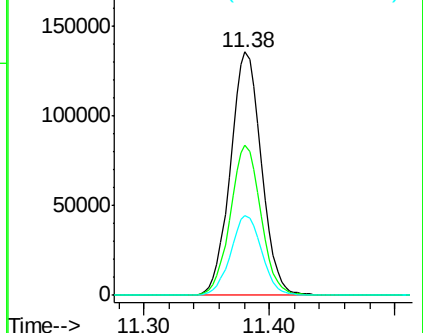
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

Instrument :
MSVOA_N
ClientSampleId :
PB130936TB

Tot Ion:117 Resp: 232167
Ion Ratio Lower Upper
117 100
82 61.5 49.0 73.4
119 33.0 26.2 39.2

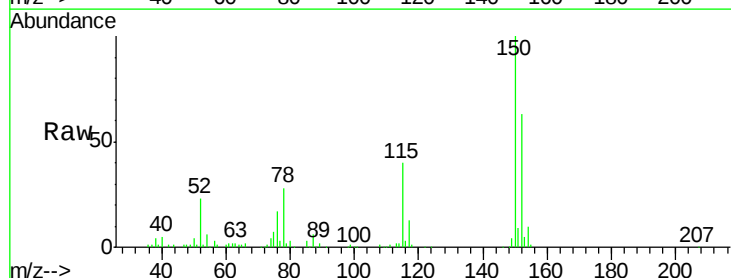


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

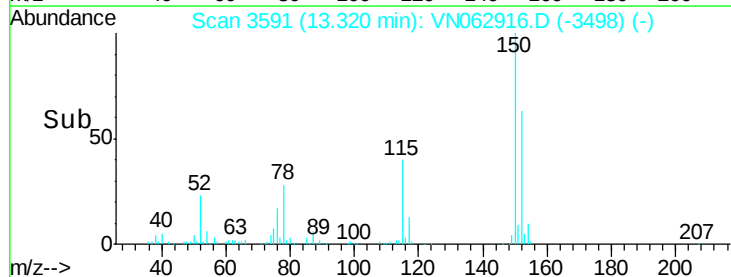
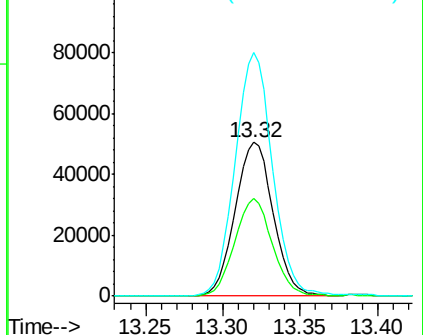


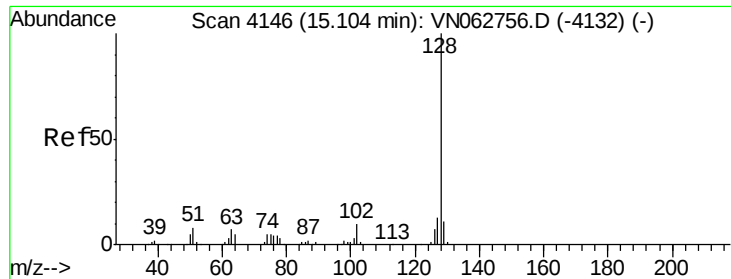
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062916.D
Acq: 13 Aug 2020 17:41

Tgt Ion:152 Resp: 86493
Ion Ratio Lower Upper
152 100
115 62.6 31.6 94.8
150 156.5 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





#95

Naphthalene

Concen: 5.684 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062916.D

Acq: 13 Aug 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

PB130936TB

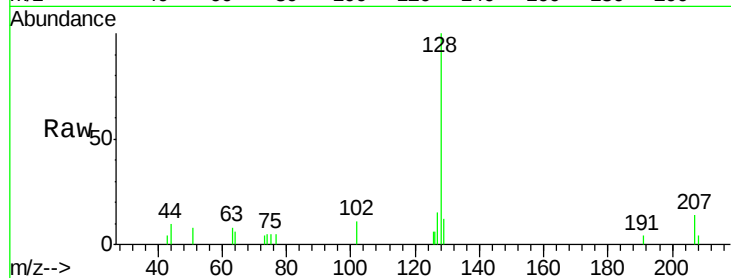
Tot Ion:128 Resp: 8484

Ion Ratio Lower Upper

128 100

127 11.4 10.8 16.2

129 8.6 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

