

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062713.D
 Acq On : 1 Aug 2020 3:11
 Operator : JC/MD
 Sample : L3518-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Aug 01 06:45:11 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

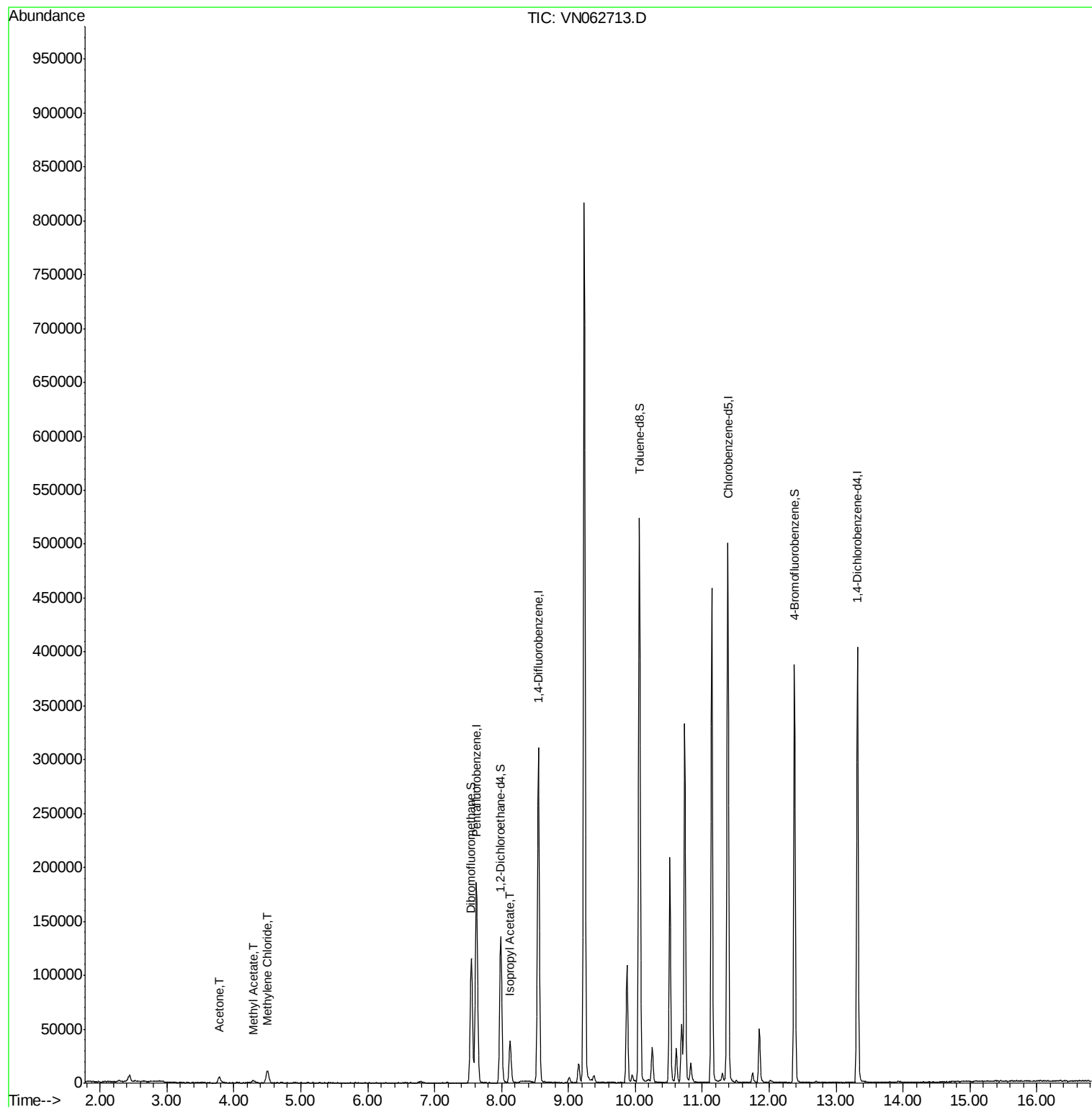
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	143427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	256174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	273490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	106133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	125455	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.62%	
35) Dibromofluoromethane	7.55	113	86371	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
50) Toluene-d8	10.06	98	348517	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.38	95	134551	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	
Target Compounds						
16) Acetone	3.78	43	9460	11.283	ug/l	93
18) Methyl Acetate	4.29	43	4905	2.311	ug/l #	69
20) Methylene Chloride	4.50	84	8974	4.463	ug/l	88
43) Isopropyl Acetate	8.13	43	45610	9.612	ug/l #	89

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

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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# 1820

Delta R.T. -0.00 min

Lab File: VN062713.D

Acq: 1 Aug 2020 3:11

Instrument :

MSVOA_N

ClientSampled :

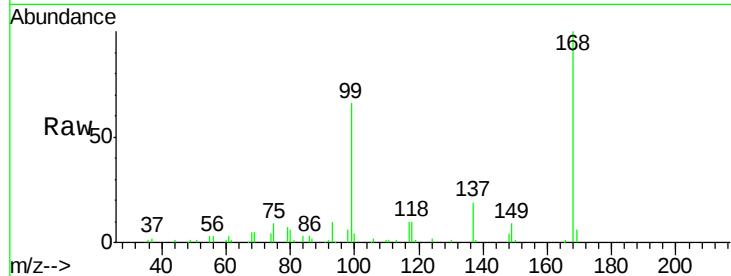
TP-4

Tot Ion:168 Resp: 143427

Ion Ratio Lower Upper

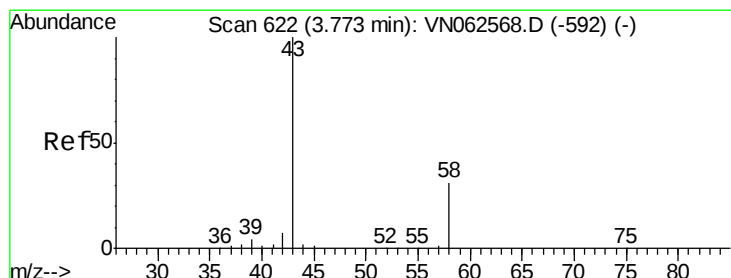
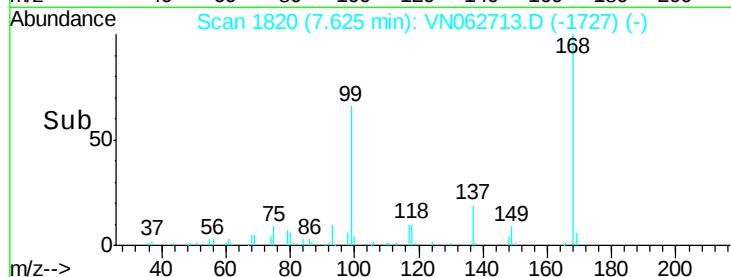
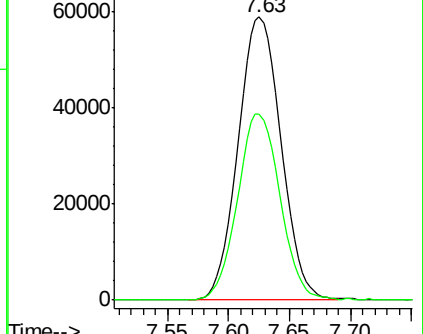
168 100

99 65.7 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 11.283 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062713.D

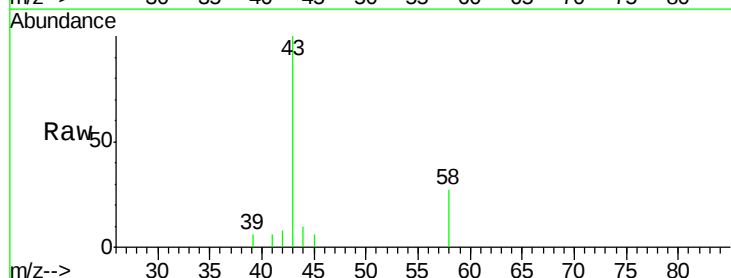
Acq: 1 Aug 2020 3:11

Tgt Ion: 43 Resp: 9460

Ion Ratio Lower Upper

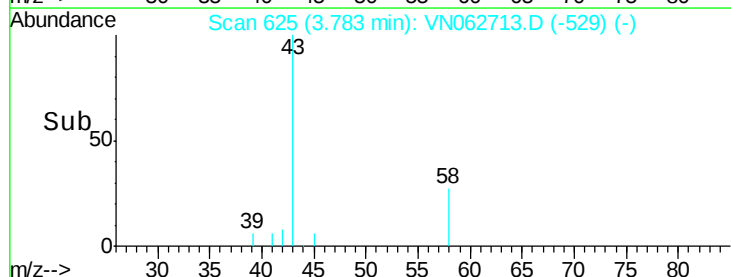
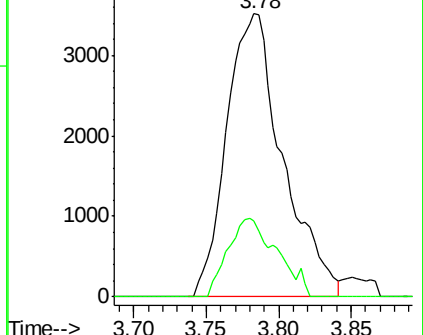
43 100

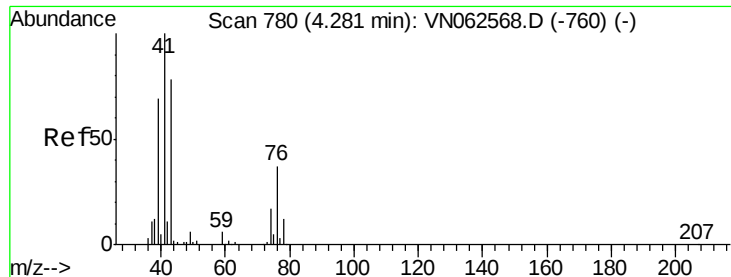
58 26.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

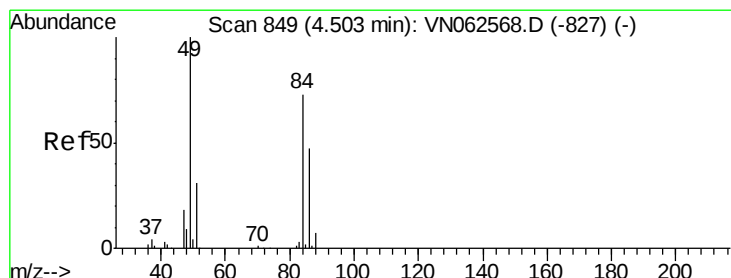
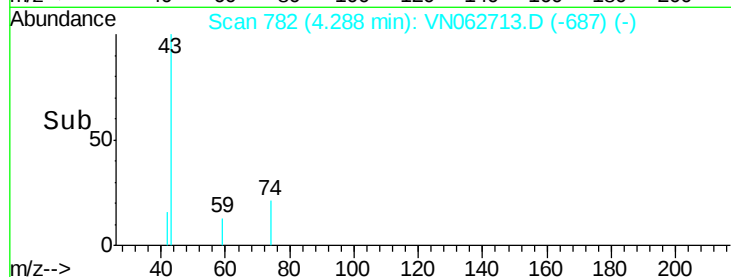
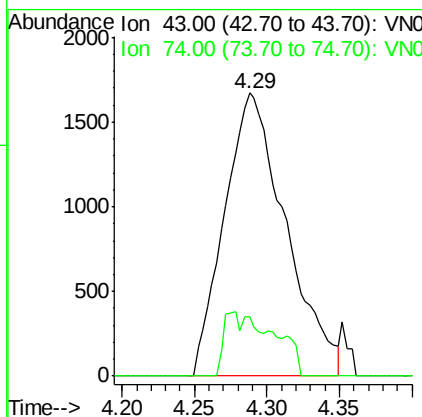
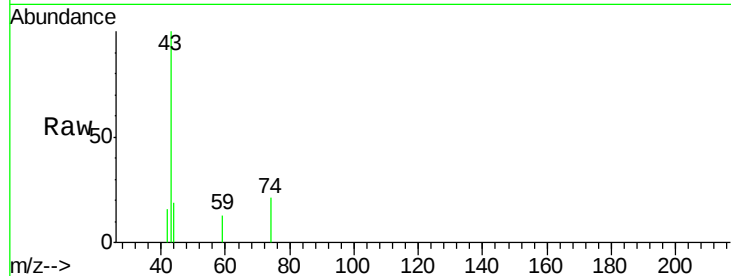




#18
Methyl Acetate
Concen: 2.311 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062713.D
Acq: 1 Aug 2020 3:11

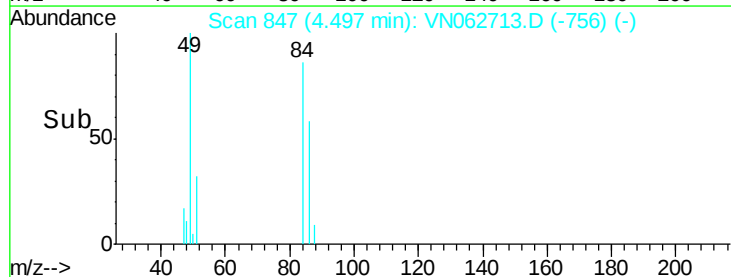
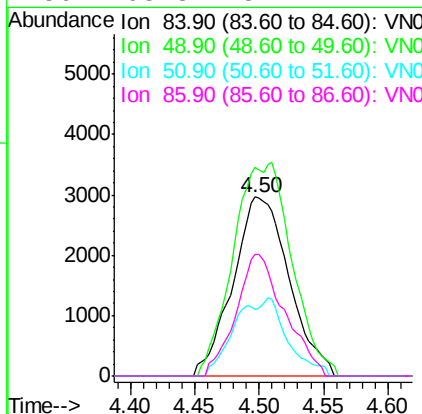
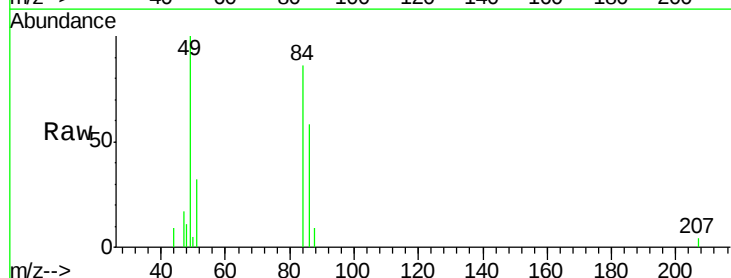
Instrument :
MSVOA_N
ClientSampled :
TP-4

Tot Ion: 43 Resp: 4905
Ion Ratio Lower Upper
43 100
74 6.1 16.6 24.8#



#20
Methylene Chloride
Concen: 4.463 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062713.D
Acq: 1 Aug 2020 3:11

Tgt Ion: 84 Resp: 8974
Ion Ratio Lower Upper
84 100
49 116.8 109.4 164.0
51 37.2 33.6 50.4
86 68.3 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 56.307 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062713.D

Acq: 1 Aug 2020 3:11

Instrument :

MSVOA_N

ClientSampled :

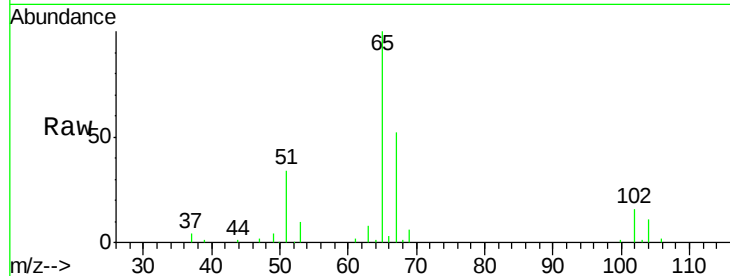
TP-4

Tot Ion: 65 Resp: 125455

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN062713.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062713.D (-1840) (-)

7.99

60000

50000

40000

30000

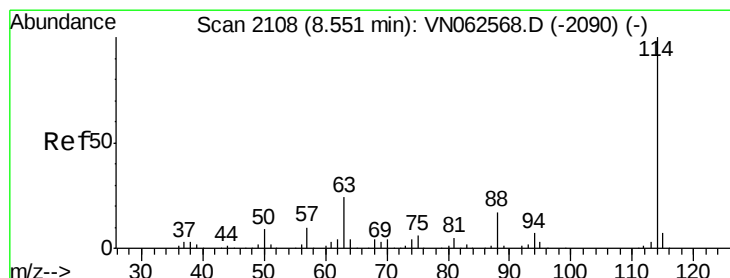
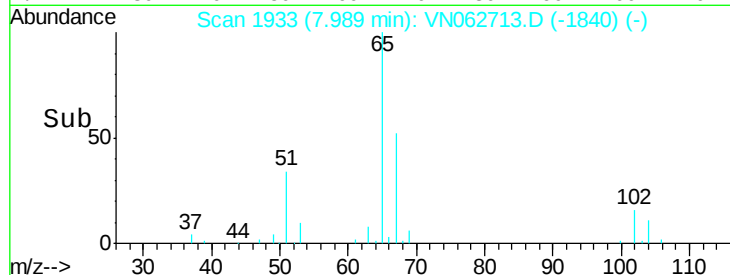
20000

10000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062713.D

Acq: 1 Aug 2020 3:11

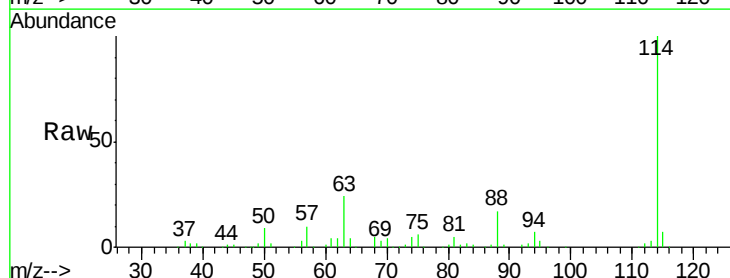
Tgt Ion: 114 Resp: 256174

Ion Ratio Lower Upper

114 100

63 23.7 0.0 48.4

88 17.5 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VN062713.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062713.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062713.D (-2015) (-)

8.55

150000

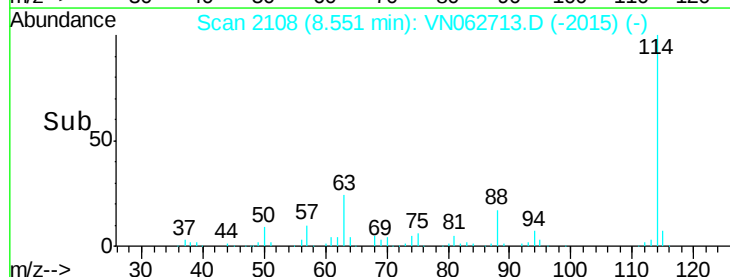
100000

50000

0

Time-->

8.50 8.60

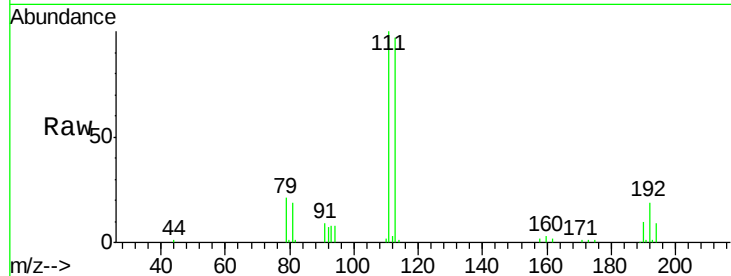




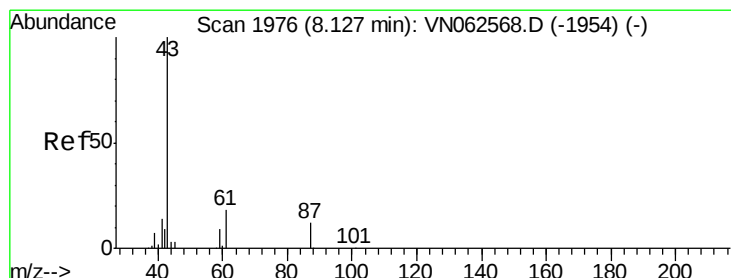
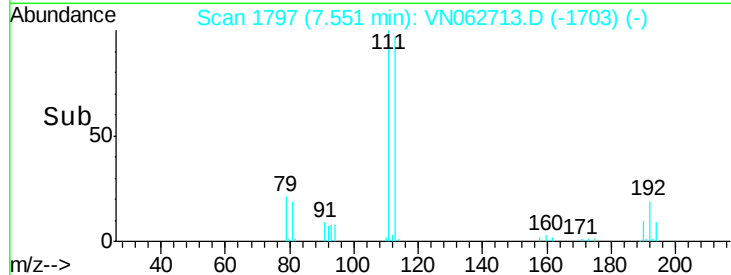
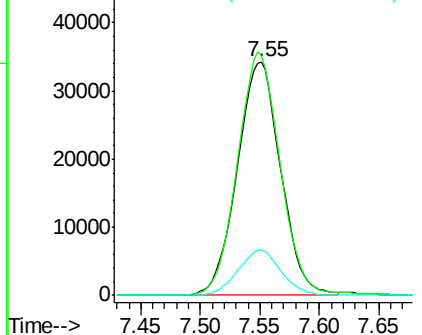
#35
 Dibromofluoromethane
 Concen: 51.329 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062713.D
 Acq: 1 Aug 2020 3:11

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Tot Ion:113 Resp: 86371
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.7 124.1
 192 19.2 14.8 22.2

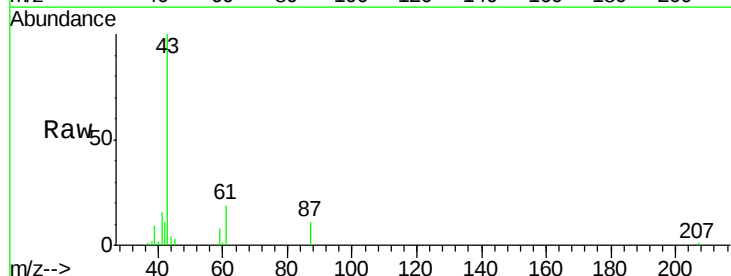


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

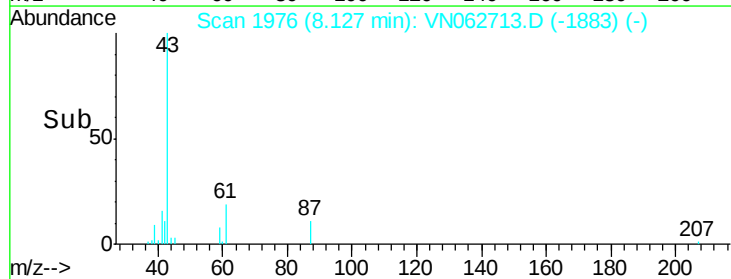
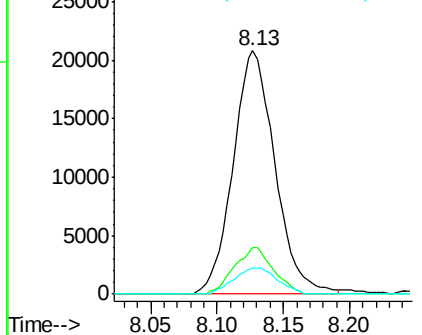


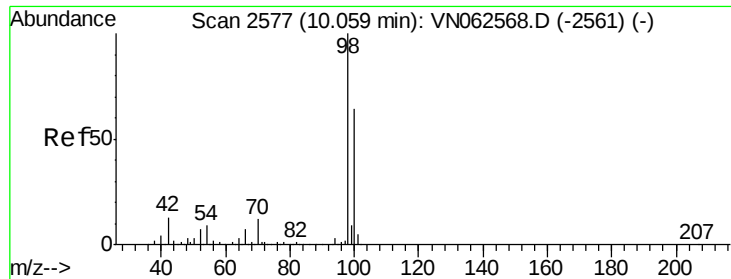
#43
 Isopropyl Acetate
 Concen: 9.612 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062713.D
 Acq: 1 Aug 2020 3:11

Tgt Ion: 43 Resp: 45610
 Ion Ratio Lower Upper
 43 100
 61 17.8 20.8 31.2#
 87 11.1 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 51.910 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062713.D

Acq: 1 Aug 2020 3:11

Instrument :

MSVOA_N

ClientSampled :

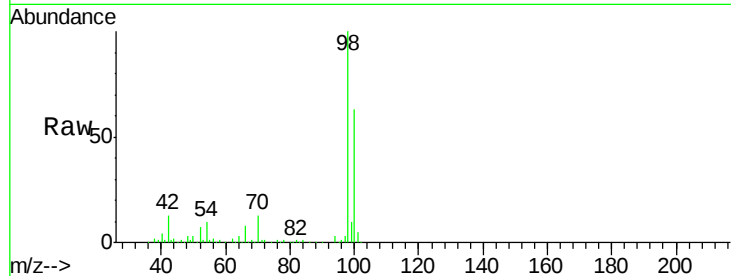
TP-4

Tot Ion: 98 Resp: 348517

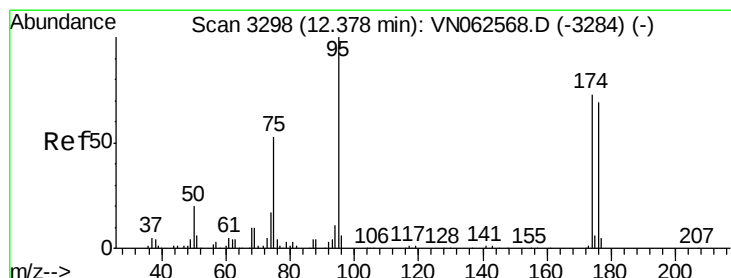
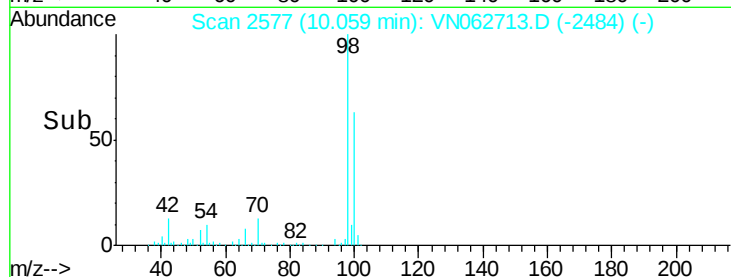
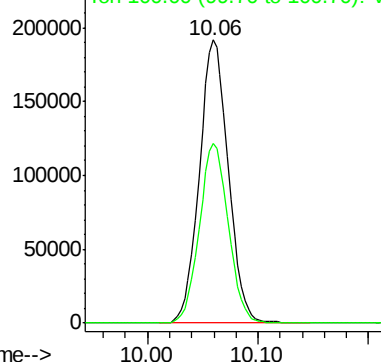
Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062713.D (-2484) (-)



#62

4-Bromofluorobenzene

Concen: 54.810 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062713.D

Acq: 1 Aug 2020 3:11

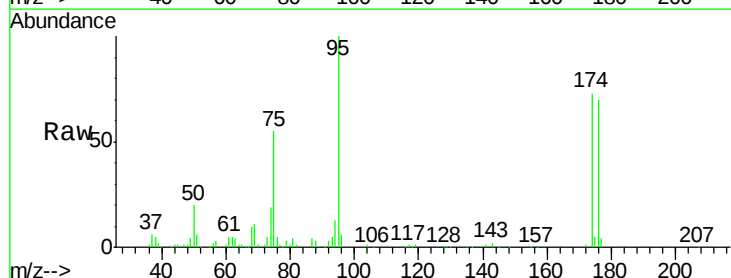
Tgt Ion: 95 Resp: 134551

Ion Ratio Lower Upper

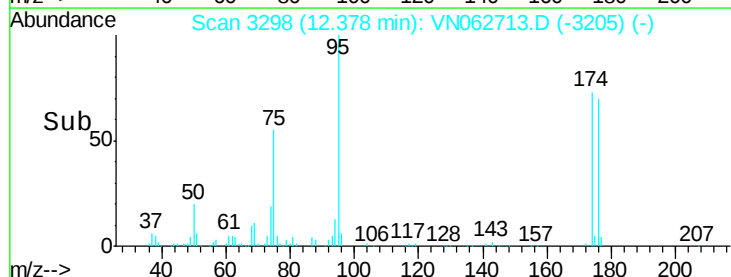
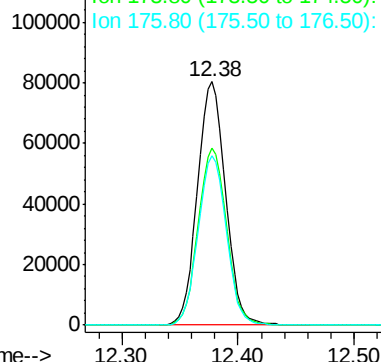
95 100

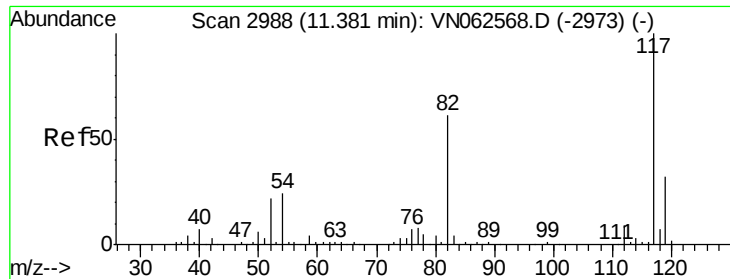
174 73.3 0.0 144.6

176 69.7 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VN062713.D (-3205) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062713.D

Acq: 1 Aug 2020 3:11

Instrument :

MSVOA_N

ClientSampled :

TP-4

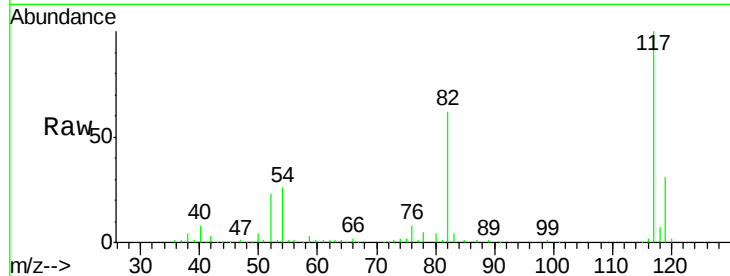
Tot Ion:117 Resp: 273490

Ion Ratio Lower Upper

117 100

82 62.4 49.0 73.6

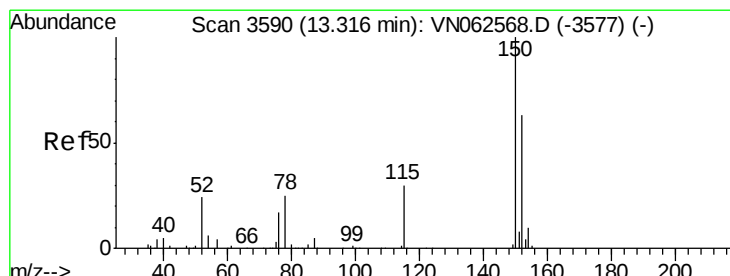
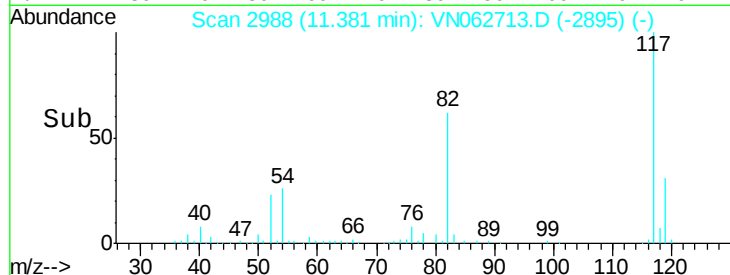
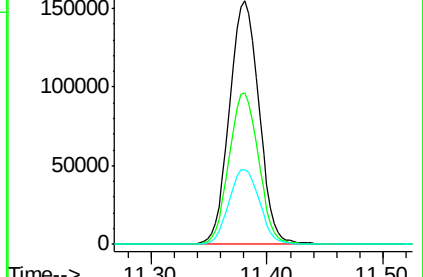
119 30.9 25.4 38.2



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: VN062713.D

Acq: 1 Aug 2020 3:11

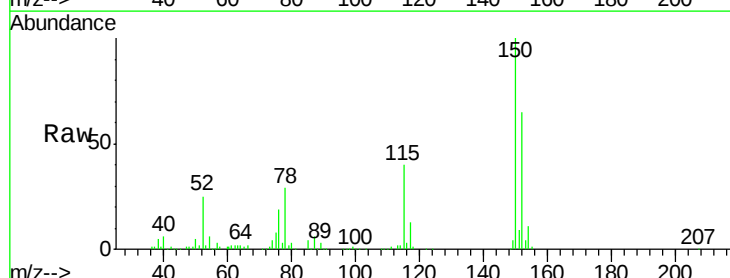
Tgt Ion:152 Resp: 106133

Ion Ratio Lower Upper

152 100

115 61.3 31.8 95.4

150 153.8 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

