

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062621.D
 Acq On : 28 Jul 2020 00:13
 Operator : JC/MD
 Sample : L3439-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20200442-3002B

Quant Time: Jul 28 08:03:12 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

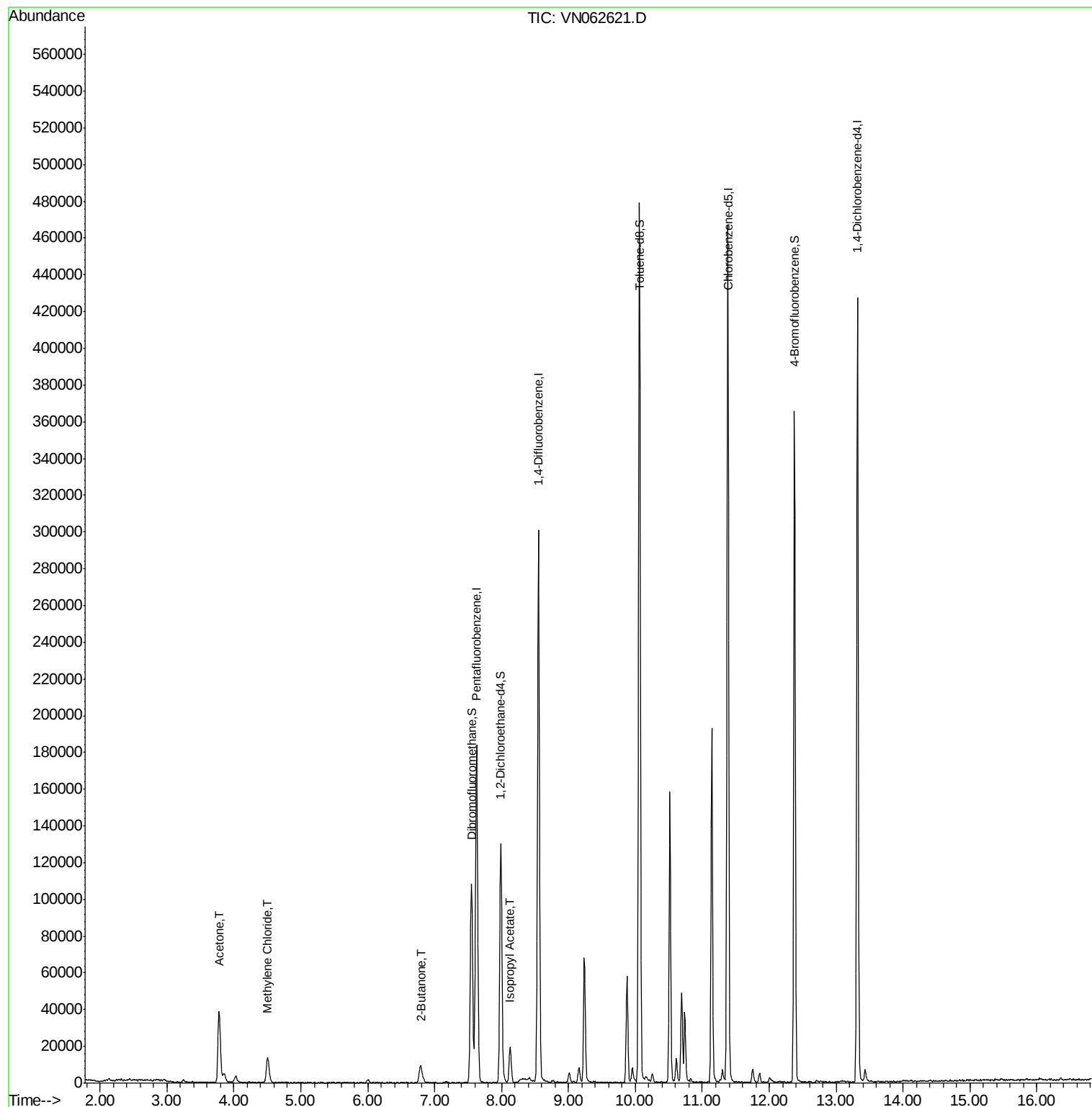
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	139330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	248728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	252287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	118805	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
35) Dibromofluoromethane	7.55	113	83956	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
50) Toluene-d8	10.06	98	328317	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.38	95	128048	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
Target Compounds						
16) Acetone	3.78	43	68476	84.072	ug/l	99
20) Methylene Chloride	4.51	84	10543	5.397	ug/l	85
25) 2-Butanone	6.80	43	15269	12.309	ug/l	100
43) Isopropyl Acetate	8.13	43	23632	5.130	ug/l #	90

(#) = 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: VN062621.D

Acq: 28 Jul 2020 00:13

Instrument :

MSVOA_N

ClientSampleId :

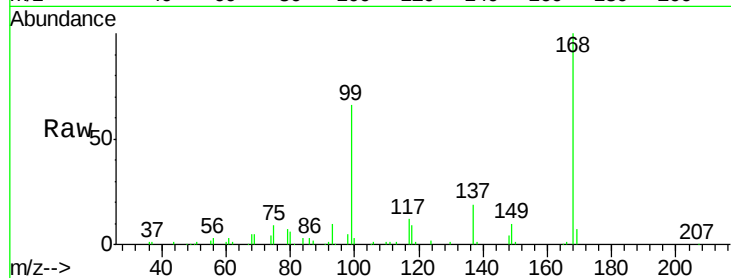
20200442-3002B

Tot Ion:168 Resp: 139330

Ion Ratio Lower Upper

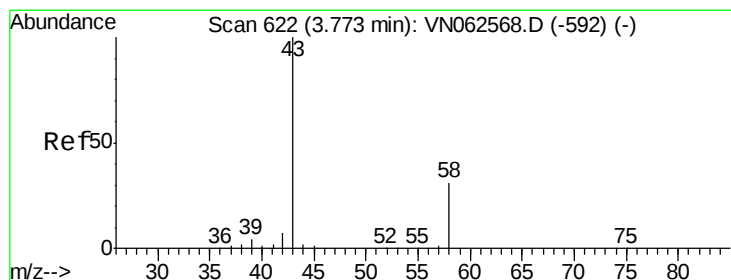
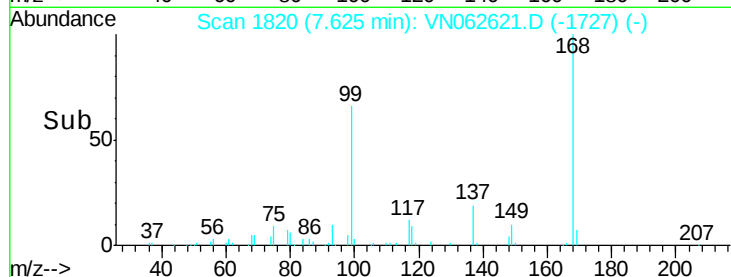
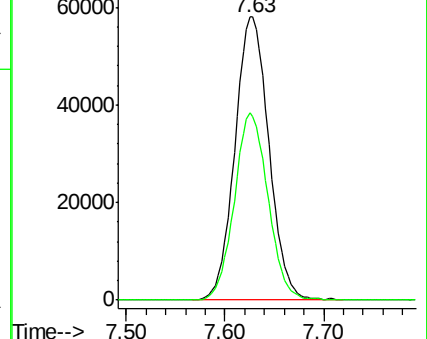
168 100

99 66.2 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: 84.072 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062621.D

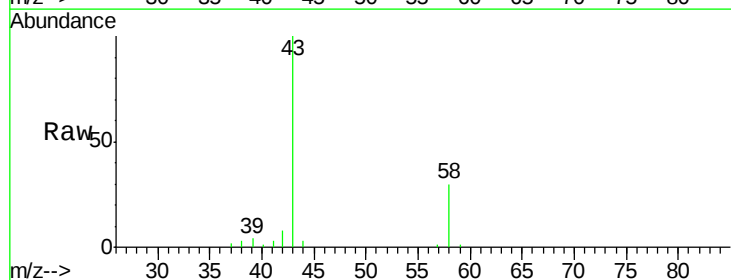
Acq: 28 Jul 2020 00:13

Tgt Ion: 43 Resp: 68476

Ion Ratio Lower Upper

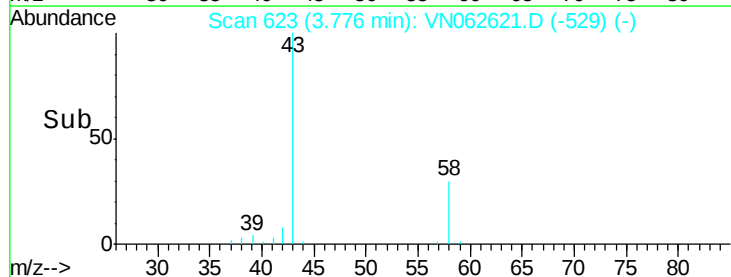
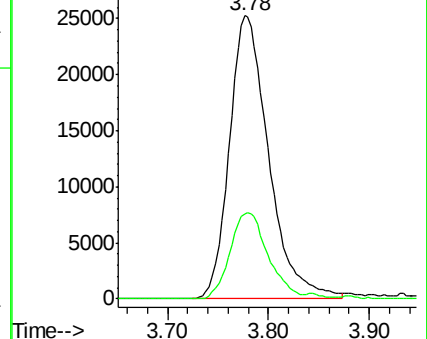
43 100

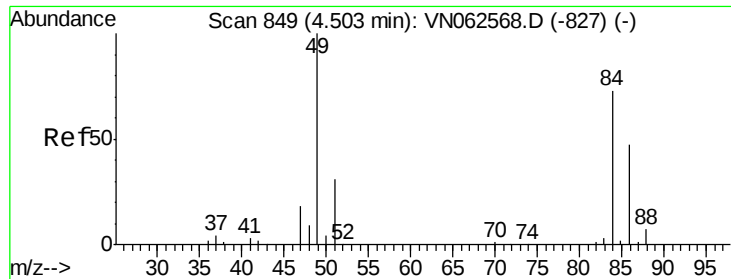
58 30.1 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

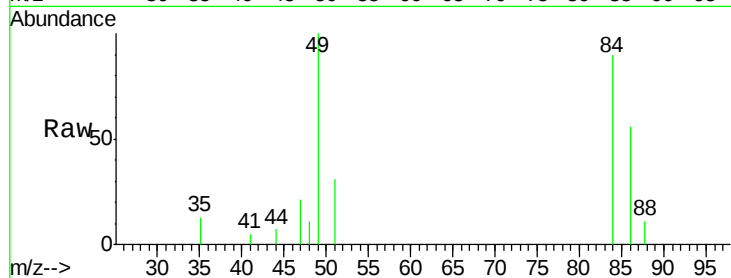




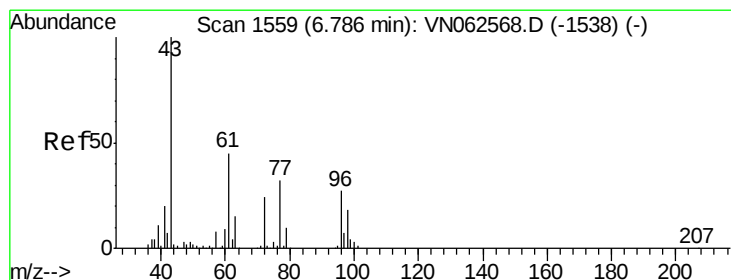
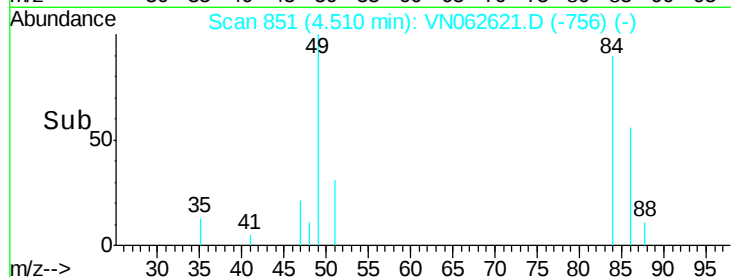
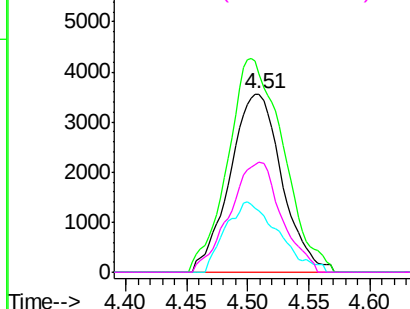
#20
Methvlene Chloride
Concen: 5.397 ug/l
RT: 4.51 min Scan# 851
Delta R.T. 0.01 min
Lab File: VN062621.D
Acq: 28 Jul 2020 00:13

Instrument :
MSVOA_N
ClientSampleId :
20200442-3002B

Tot Ion: 84 Resp: 10543
Ion Ratio Lower Upper
84 100
49 111.4 109.4 164.0
51 34.8 33.6 50.4
86 62.0 51.4 77.2

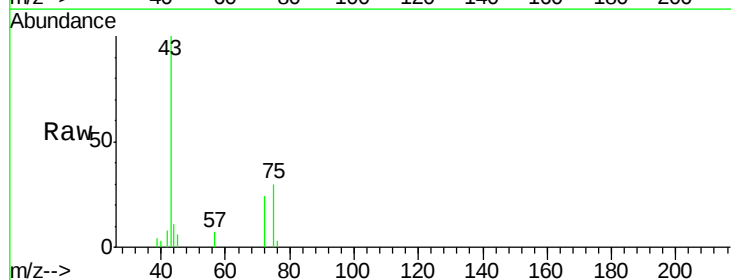


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

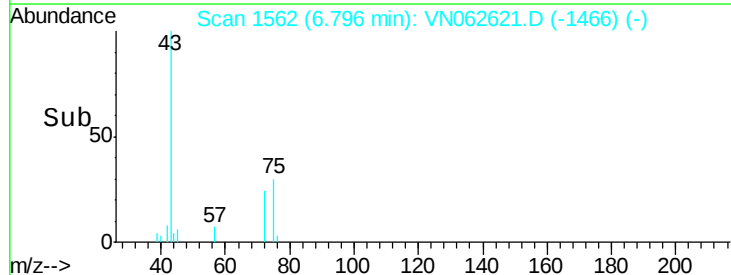
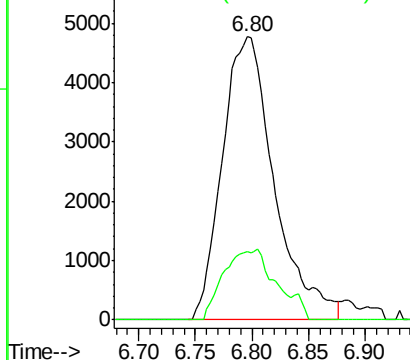


#25
2-Butanone
Concen: 12.309 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.01 min
Lab File: VN062621.D
Acq: 28 Jul 2020 00:13

Tgt Ion: 43 Resp: 15269
Ion Ratio Lower Upper
43 100
72 24.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

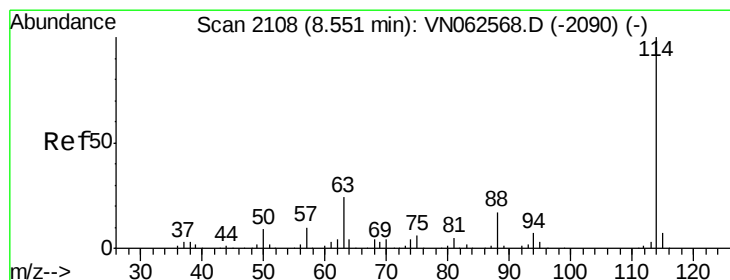
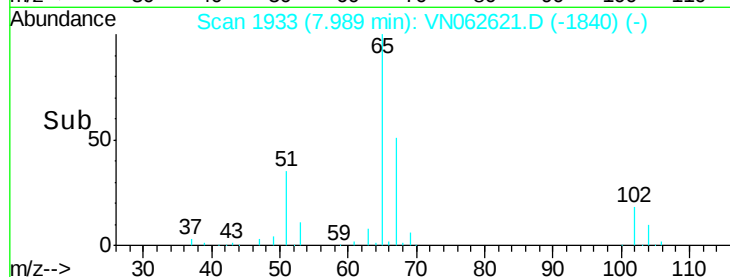
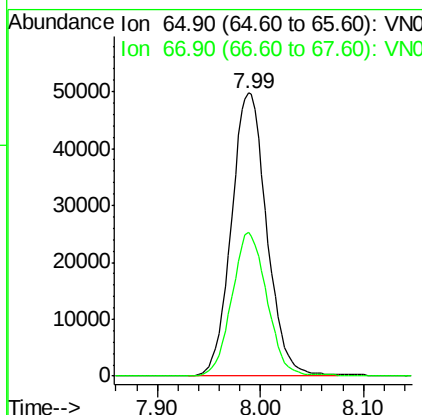
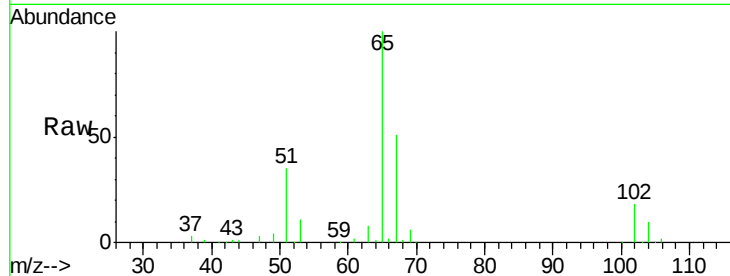




#33
 1,2-Dichloroethane-d4
 Concen: 54.890 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062621.D
 Acq: 28 Jul 2020 00:13

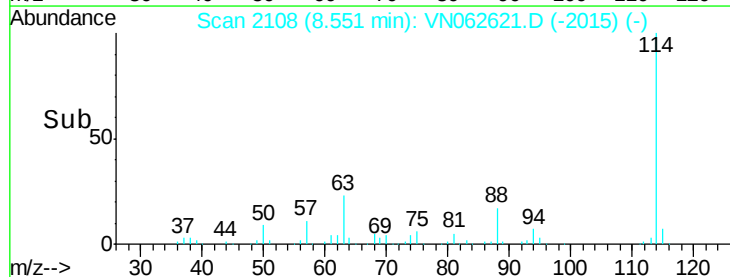
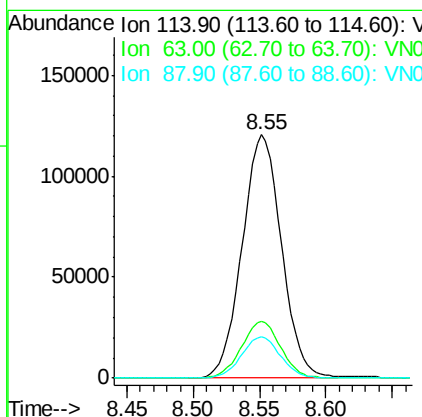
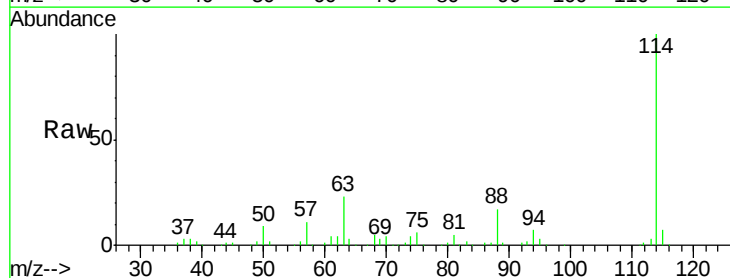
Instrument :
 MSVOA_N
 ClientSampleId :
 20200442-3002B

Tot Ion: 65 Resp: 118805
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062621.D
 Acq: 28 Jul 2020 00:13

Tgt Ion: 114 Resp: 248728
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 48.4
 88 16.9 0.0 33.8

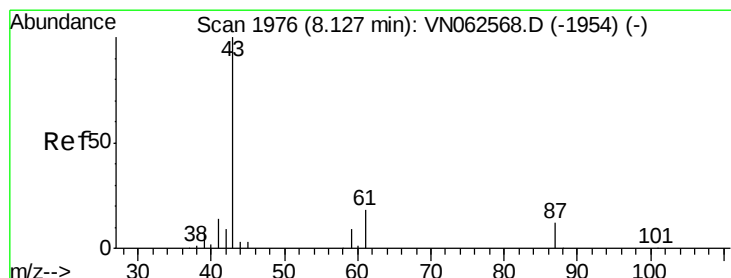
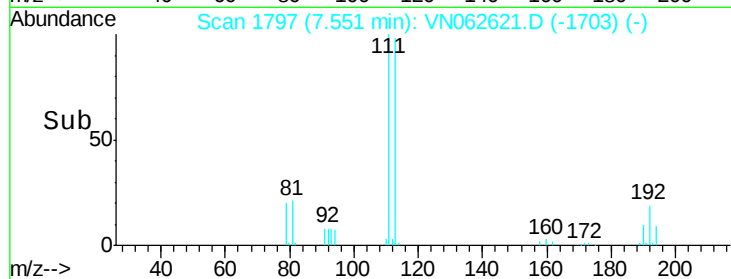
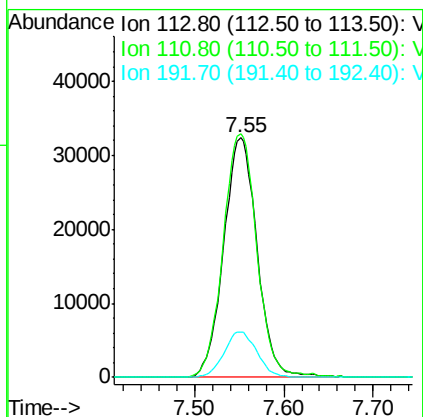
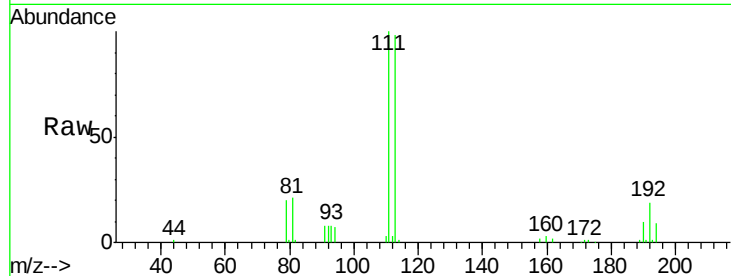




#35
 Dibromofluoromethane
 Concen: 51.387 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062621.D
 Acq: 28 Jul 2020 00:13

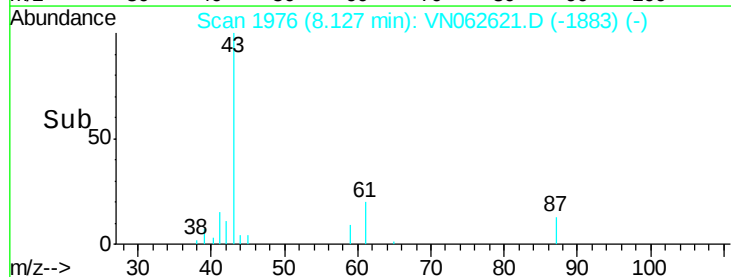
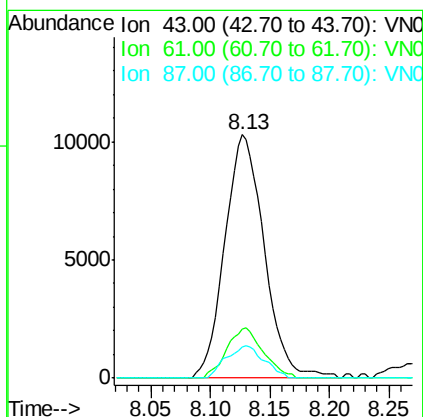
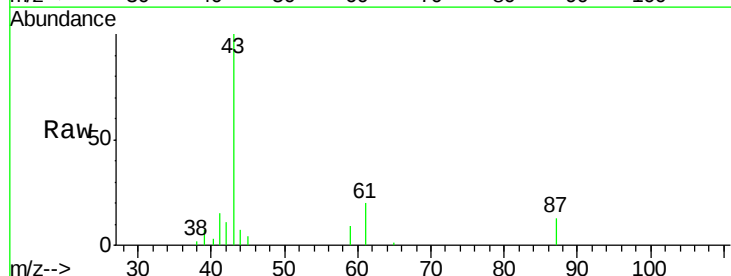
Instrument :
 MSVOA_N
 ClientSampleId :
 20200442-3002B

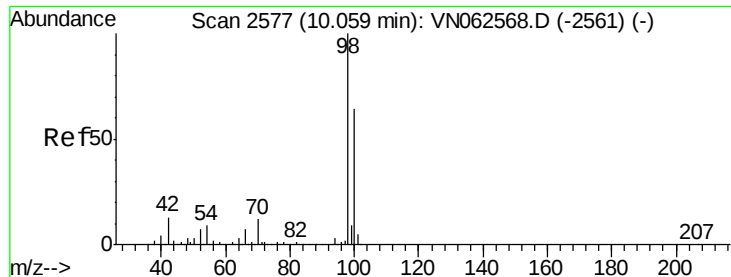
Tot Ion:113 Resp: 83956
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.7 124.1
 192 18.6 14.8 22.2



#43
 Isopropyl Acetate
 Concen: 5.130 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062621.D
 Acq: 28 Jul 2020 00:13

Tgt Ion: 43 Resp: 23632
 Ion Ratio Lower Upper
 43 100
 61 19.2 20.8 31.2#
 87 12.6 9.2 13.8





#50

Toluene-d8

Concen: 50.365 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062621.D

Acq: 28 Jul 2020 00:13

Instrument :

MSVOA_N

ClientSampleId :

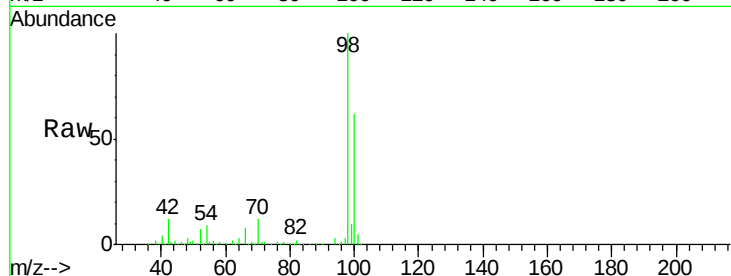
20200442-3002B

Tot Ion: 98 Resp: 328317

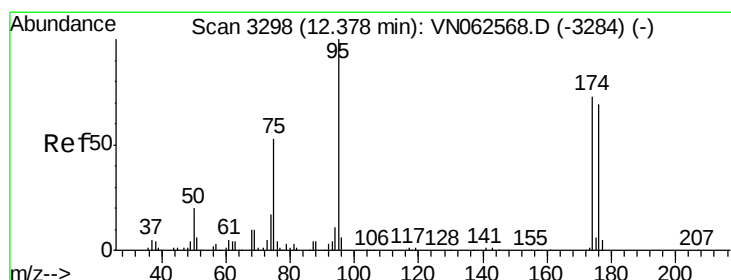
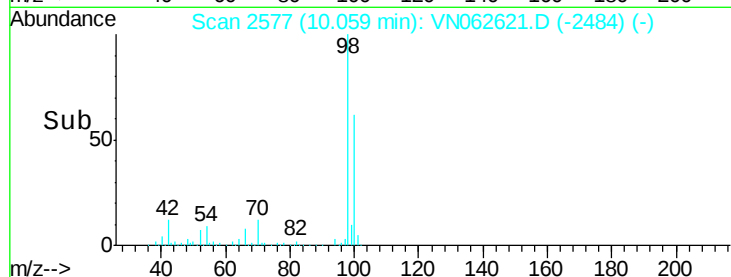
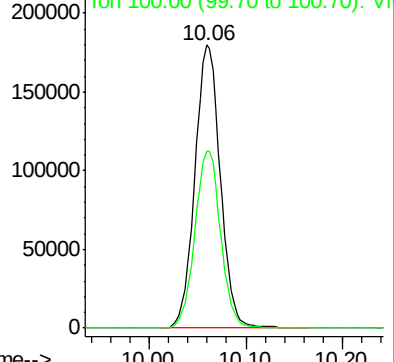
Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062568.D (-2561) (-)



#62

4-Bromofluorobenzene

Concen: 53.722 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062621.D

Acq: 28 Jul 2020 00:13

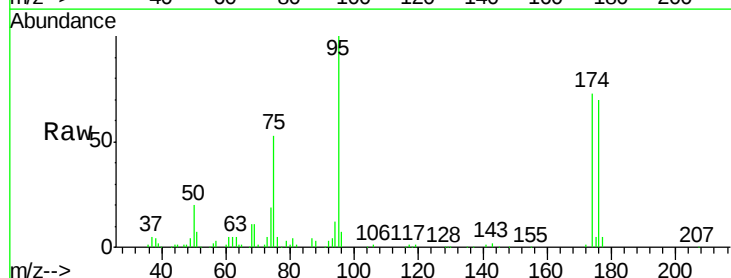
Tgt Ion: 95 Resp: 128048

Ion Ratio Lower Upper

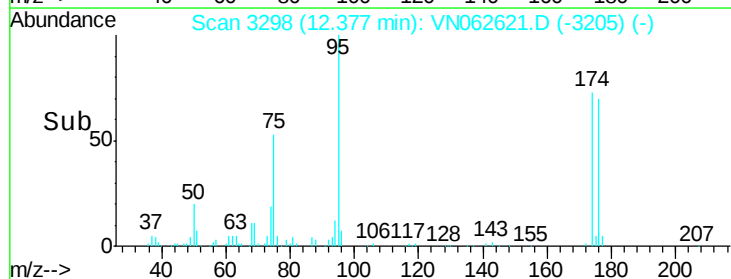
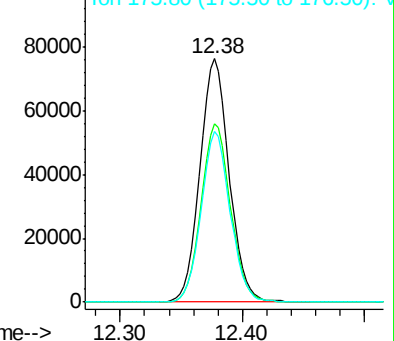
95 100

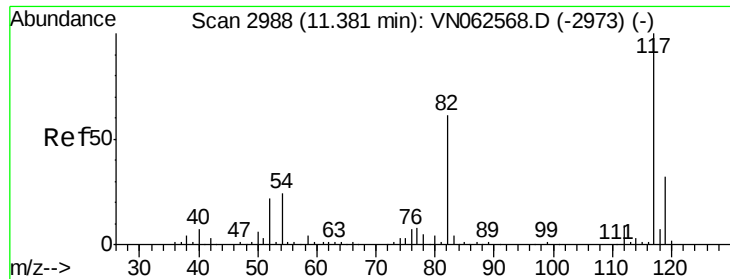
174 73.6 0.0 144.6

176 69.4 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VN062568.D (-3284) (-)

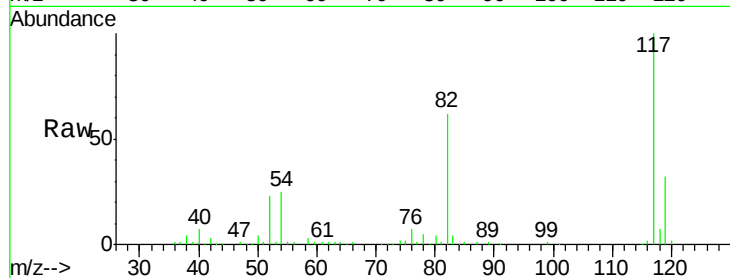




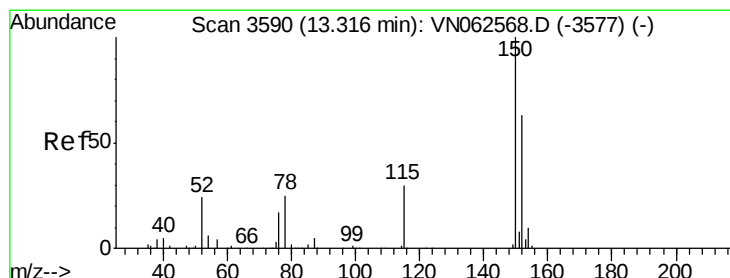
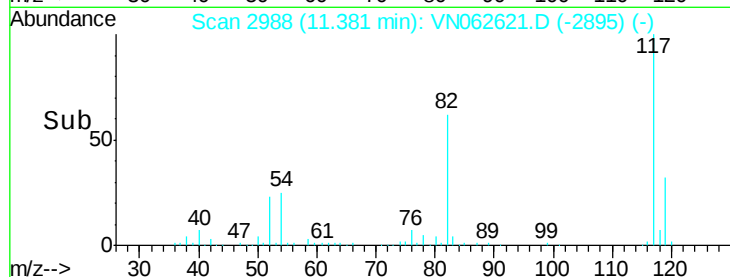
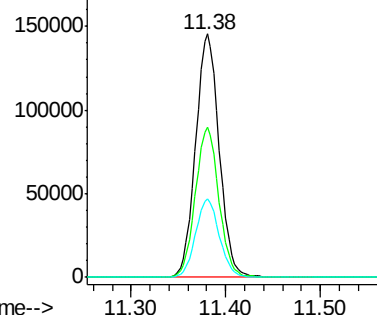
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062621.D
Acq: 28 Jul 2020 00:13

Instrument :
MSVOA_N
ClientSampleId :
20200442-3002B

Tot Ion:117 Resp: 252287
Ion Ratio Lower Upper
117 100
82 61.7 49.0 73.6
119 32.1 25.4 38.2

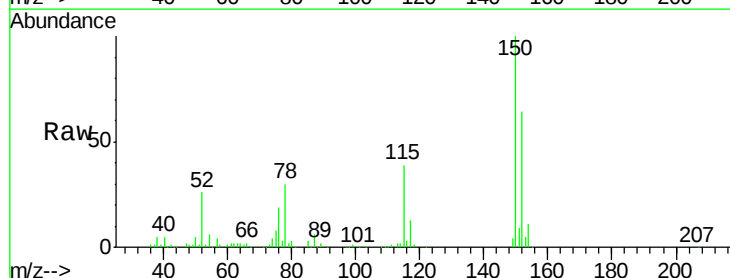


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062621.D
Acq: 28 Jul 2020 00:13

Tgt Ion:152 Resp: 110468
Ion Ratio Lower Upper
152 100
115 62.7 31.8 95.4
150 157.2 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

