

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061036.D
 Acq On : 17 Apr 2020 00:38
 Operator : JC/MD
 Sample : L2299-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40862

Quant Time: Apr 17 06:40:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	152019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	255115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	243104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110681	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	101264	52.06	ug/l	0.00
Spiked Amount						
			Recovery	=	104.12%	
35) Dibromofluoromethane	7.56	113	76438	51.31	ug/l	0.00
Spiked Amount						
			Recovery	=	102.62%	
50) Toluene-d8	10.08	98	316647	56.24	ug/l	0.00
Spiked Amount						
			Recovery	=	112.48%	
62) 4-Bromofluorobenzene	12.39	95	121941	55.26	ug/l	0.00
Spiked Amount						
			Recovery	=	110.52%	

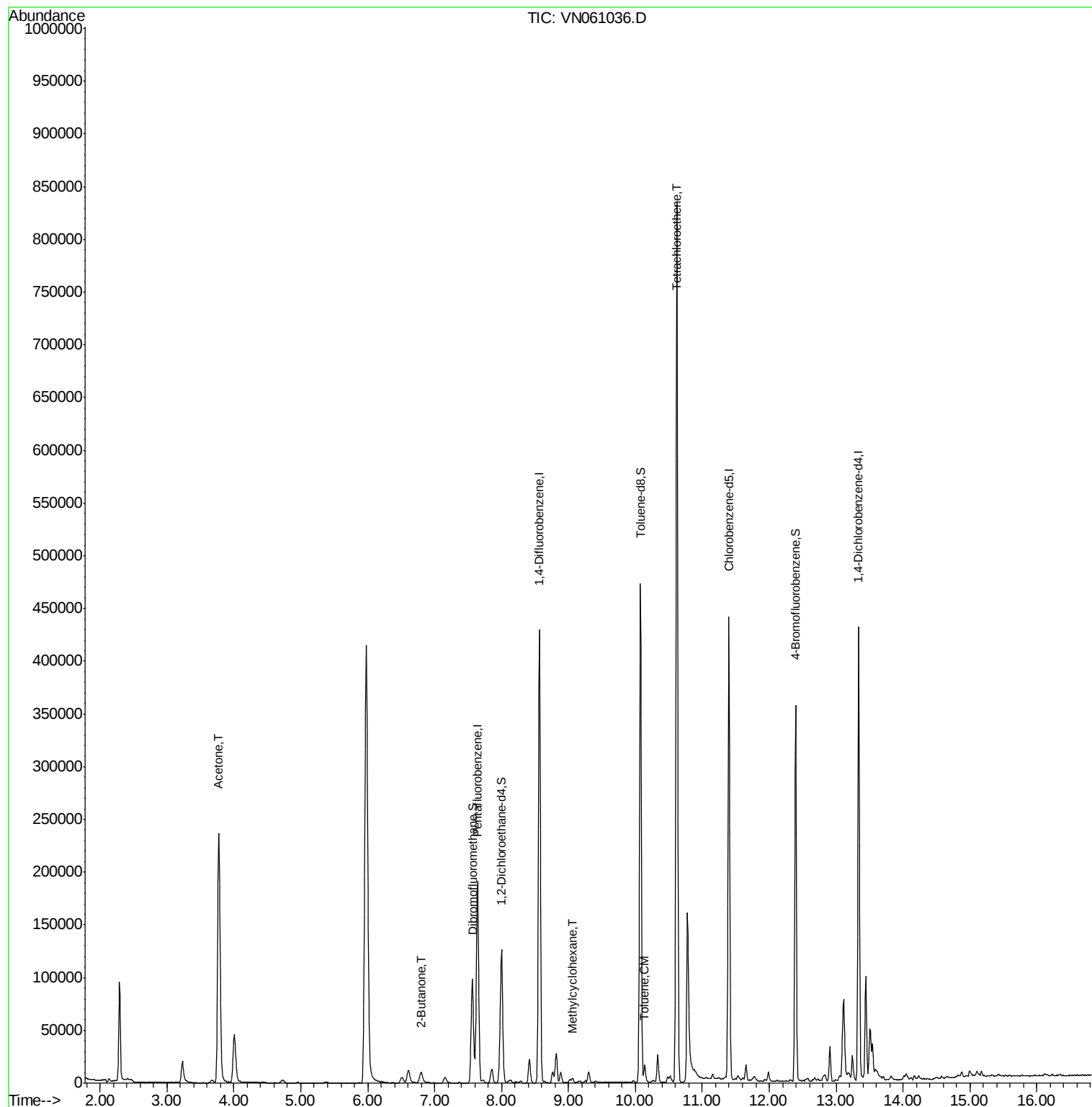
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	398431	465.409	ug/l	99
25) 2-Butanone	6.80	43	18879	14.391	ug/l	100
39) Methylcyclohexane	9.06	83	1906	0.606	ug/l	99
52) Toluene	10.14	92	6932	1.480	ug/l	96
64) Tetrachloroethene	10.62	164	193541	104.040	ug/l	99

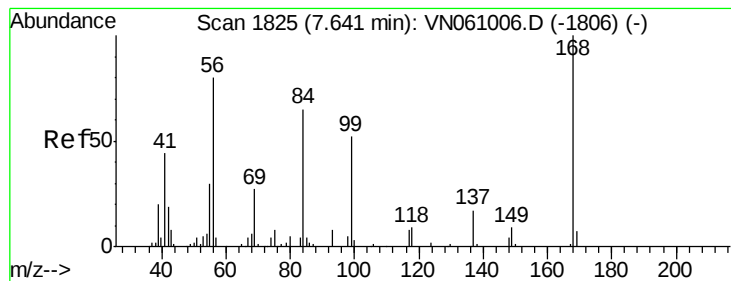
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061036.D

Acq: 17 Apr 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

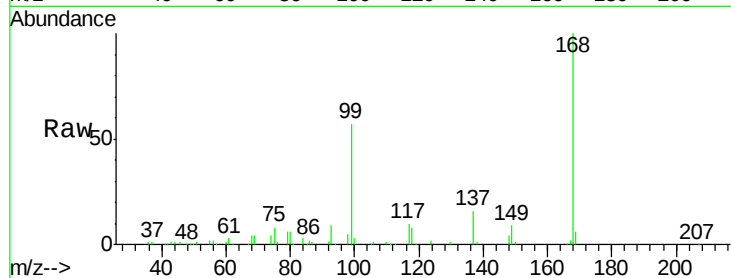
40862

Tot Ion:168 Resp: 152019

Ion Ratio Lower Upper

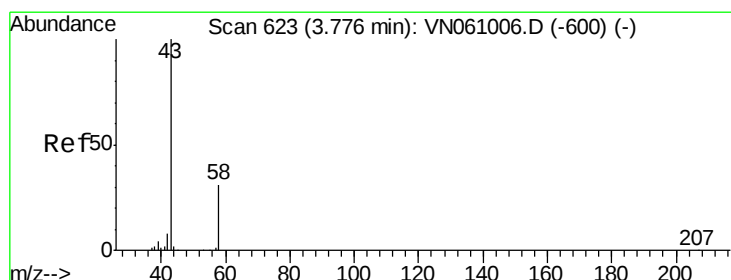
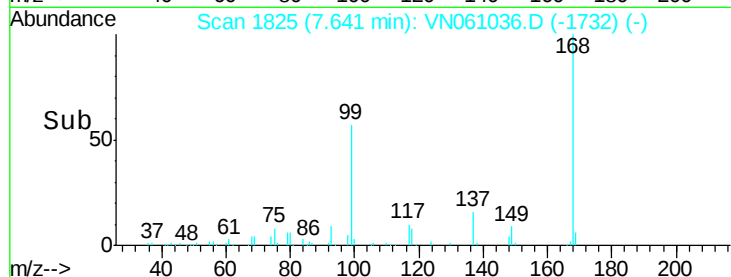
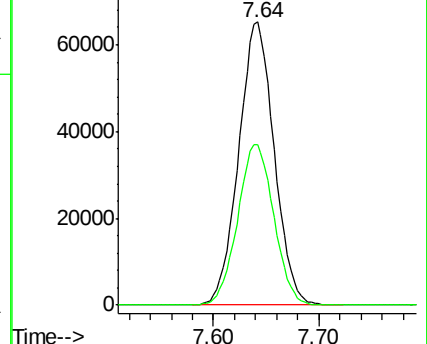
168 100

99 56.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 465.409 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061036.D

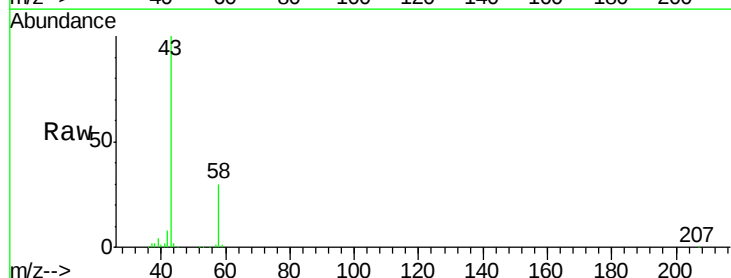
Acq: 17 Apr 2020 00:38

Tgt Ion: 43 Resp: 398431

Ion Ratio Lower Upper

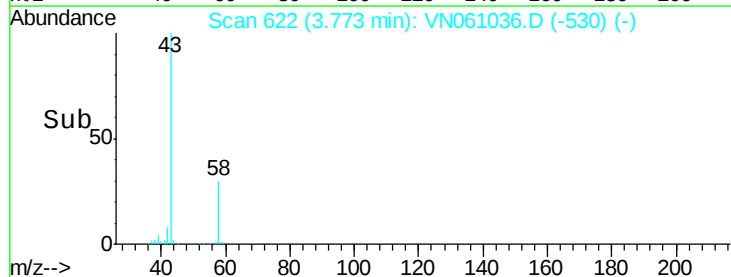
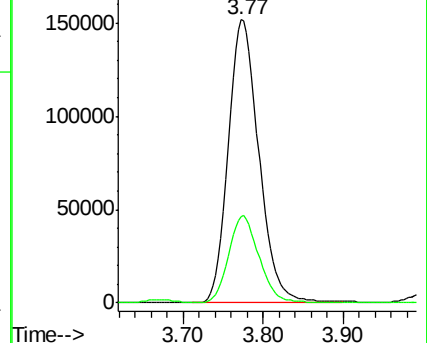
43 100

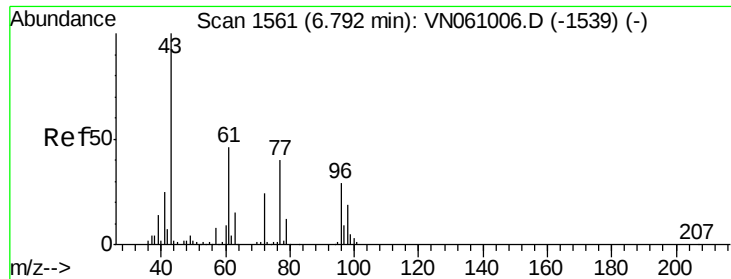
58 30.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#25

2-Butanone

Concen: 14.391 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.01 min

Lab File: VN061036.D

Acq: 17 Apr 2020 00:38

Instrument :

MSVOA_N

ClientSampled :

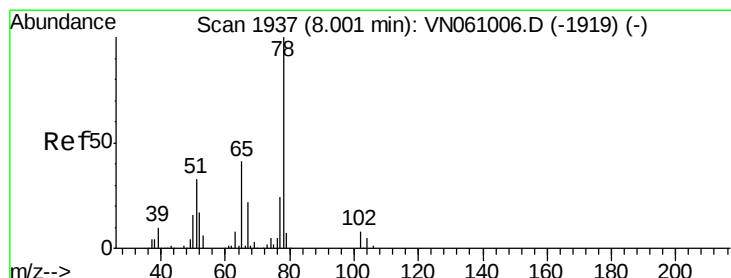
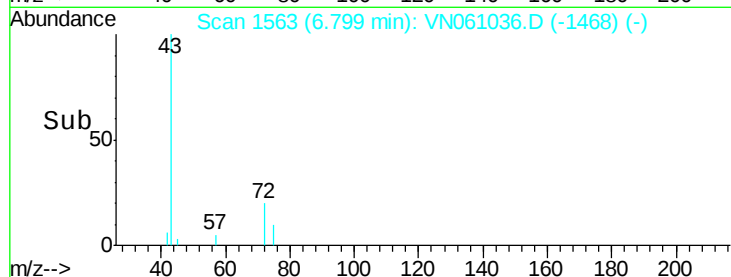
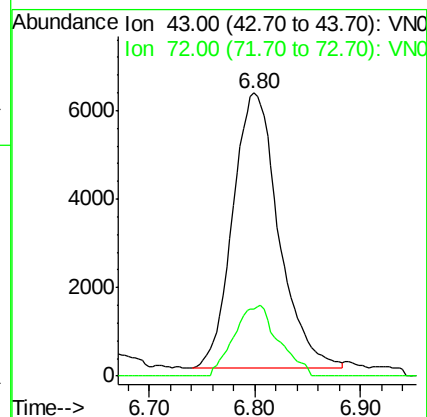
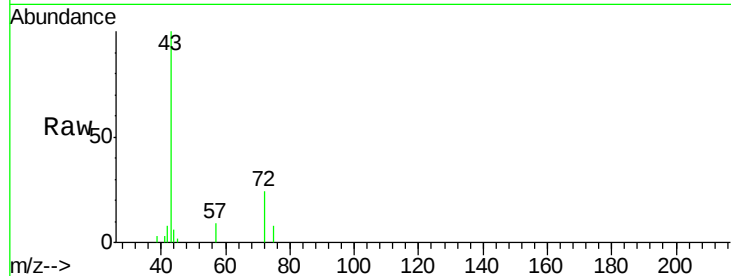
40862

Tot Ion: 43 Resp: 18879

Ion Ratio Lower Upper

43 100

72 24.5 19.6 29.4



#33

1,2-Dichloroethane-d4

Concen: 52.064 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061036.D

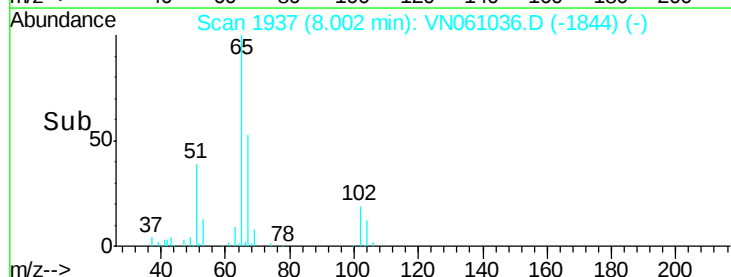
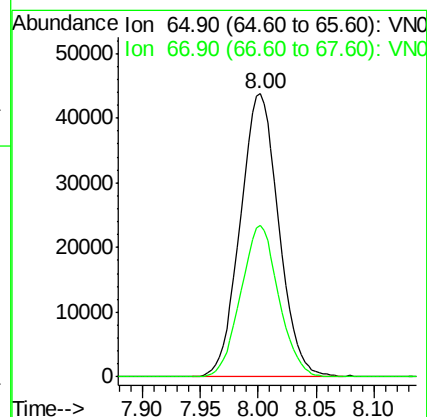
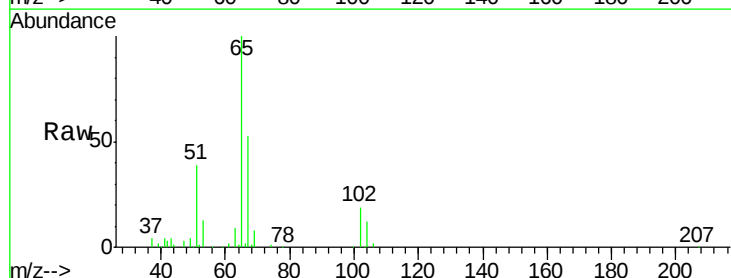
Acq: 17 Apr 2020 00:38

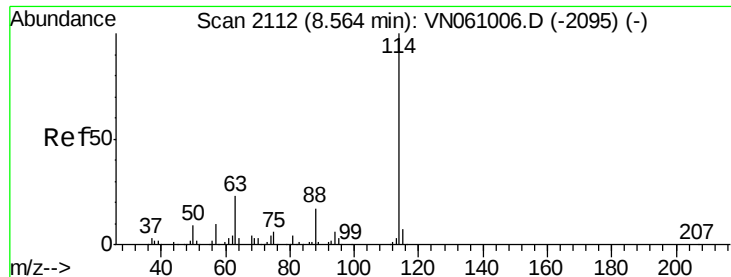
Tgt Ion: 65 Resp: 101264

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.0

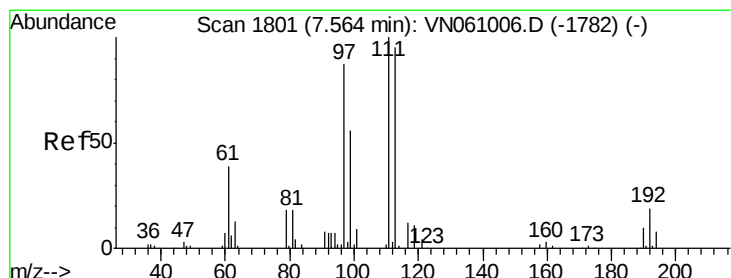
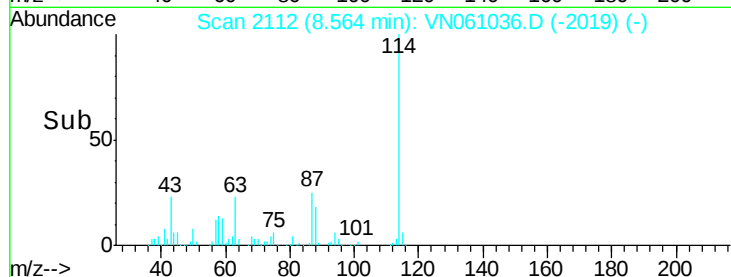
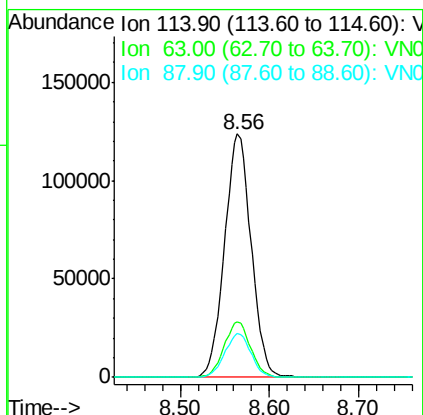
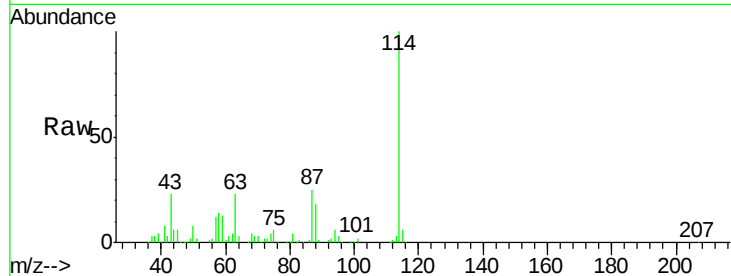




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061036.D
 Acq: 17 Apr 2020 00:38

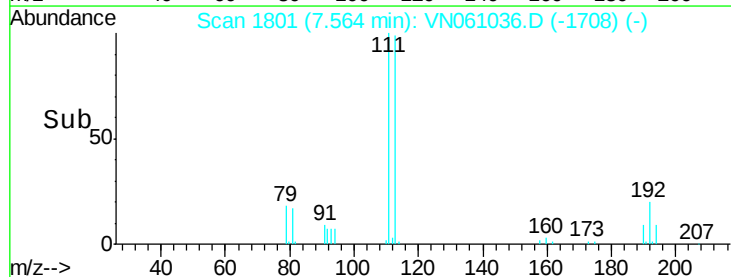
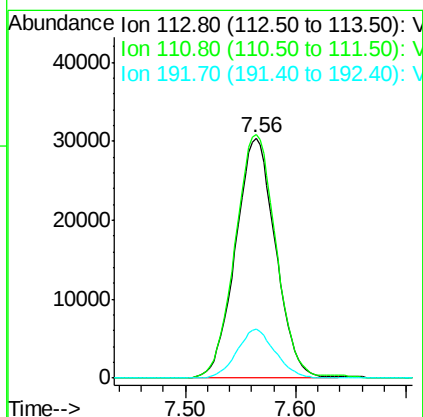
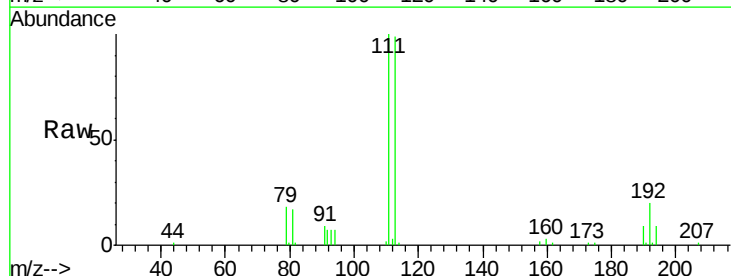
Instrument :
 MSVOA_N
 ClientSampleId :
 40862

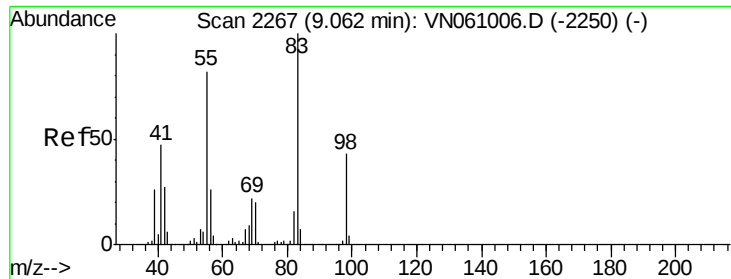
Tot Ion:	114	Resp:	255115
Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	46.2
88	17.8	0.0	33.4



#35
 Dibromofluoromethane
 Concen: 51.306 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061036.D
 Acq: 17 Apr 2020 00:38

Tgt Ion:	113	Resp:	76438
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.2
192	19.4	15.5	23.3

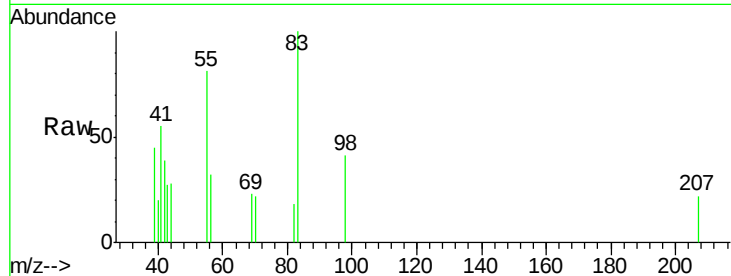




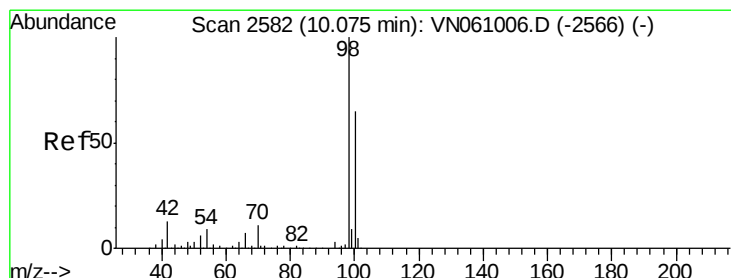
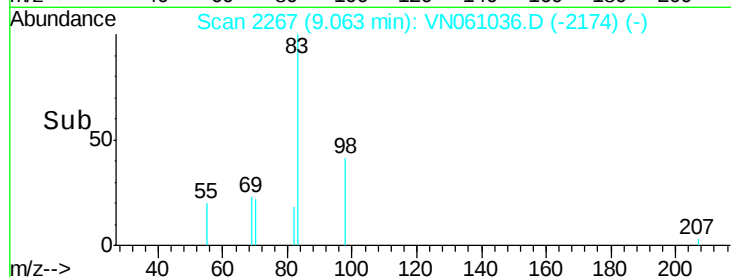
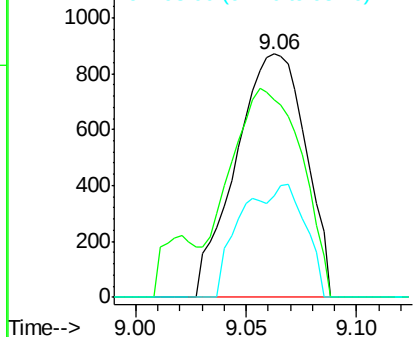
#39
Methylcyclohexane
Concen: 0.606 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN061036.D
Acq: 17 Apr 2020 00:38

Instrument :
MSVOA_N
ClientSampled :
40862

Tot Ion: 83 Resp: 1906
Ion Ratio Lower Upper
83 100
55 81.3 65.4 98.0
98 41.4 34.6 51.8

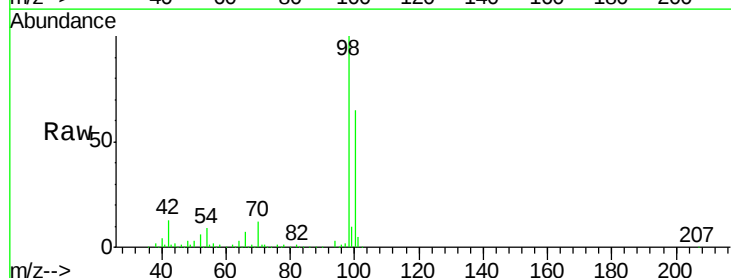


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

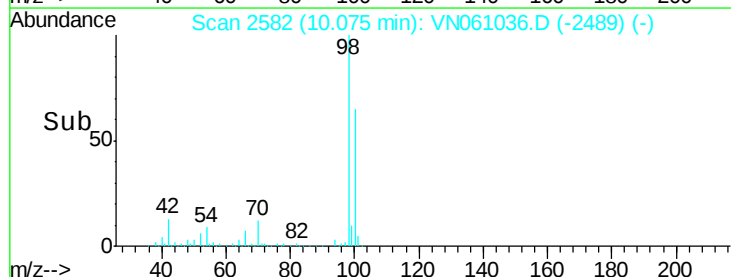
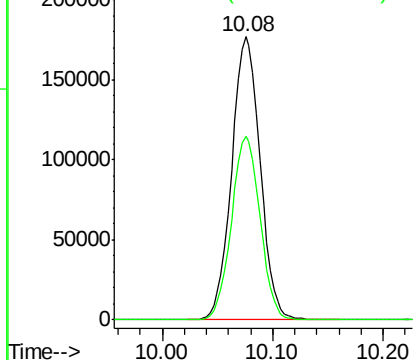


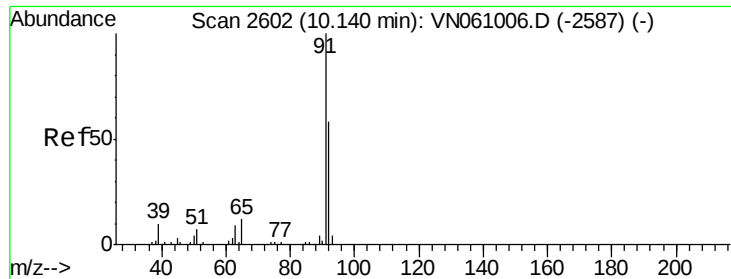
#50
Toluene-d8
Concen: 56.245 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061036.D
Acq: 17 Apr 2020 00:38

Tgt Ion: 98 Resp: 316647
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 1.480 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN061036.D

Acq: 17 Apr 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

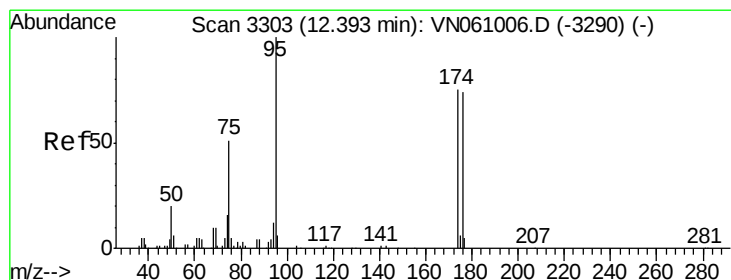
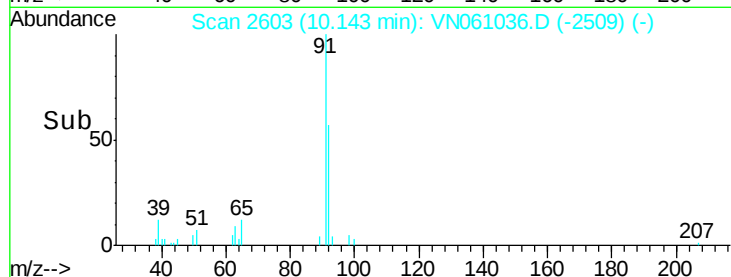
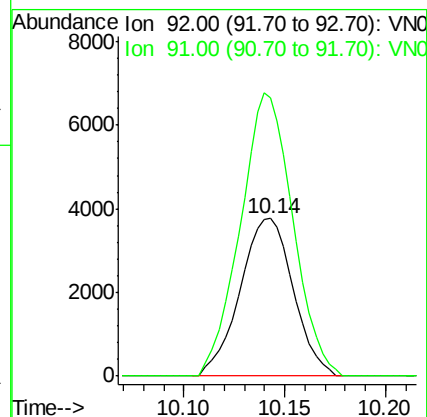
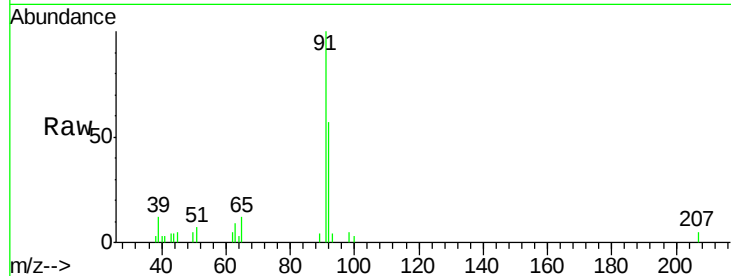
40862

Tot Ion: 92 Resp: 6932

Ion Ratio Lower Upper

92 100

91 177.4 137.7 206.5



#62

4-Bromofluorobenzene

Concen: 55.265 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061036.D

Acq: 17 Apr 2020 00:38

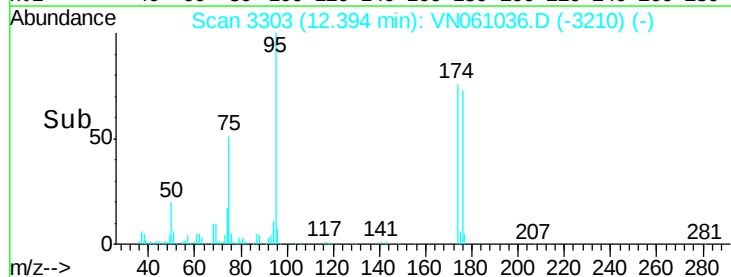
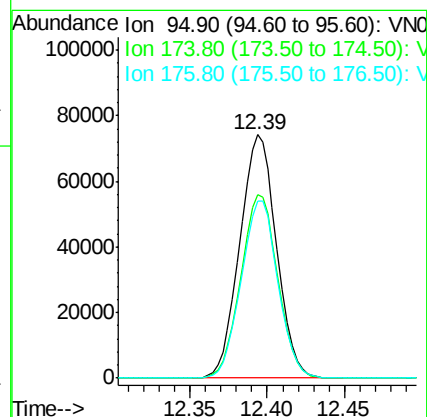
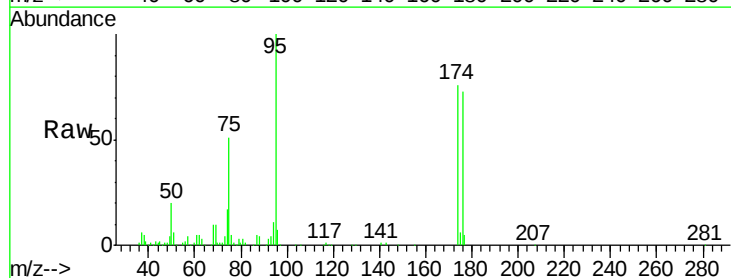
Tgt Ion: 95 Resp: 121941

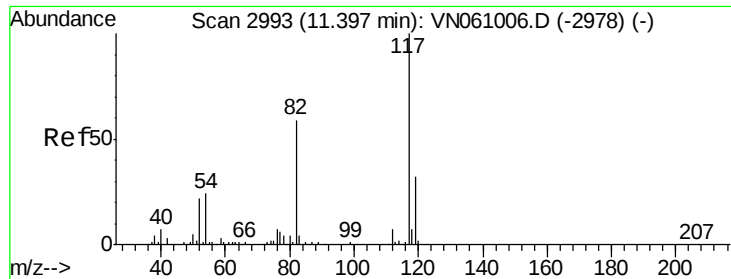
Ion Ratio Lower Upper

95 100

174 76.0 0.0 151.2

176 73.2 0.0 148.2

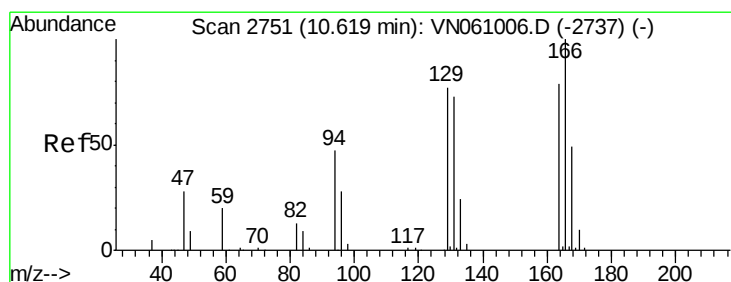
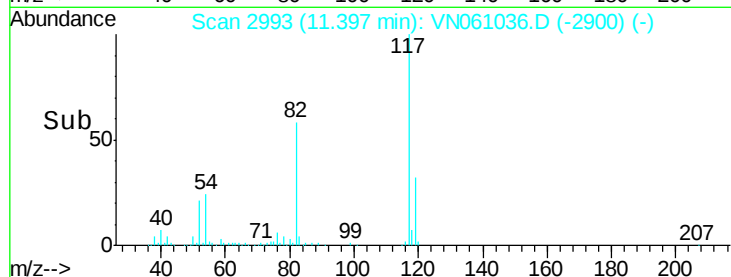
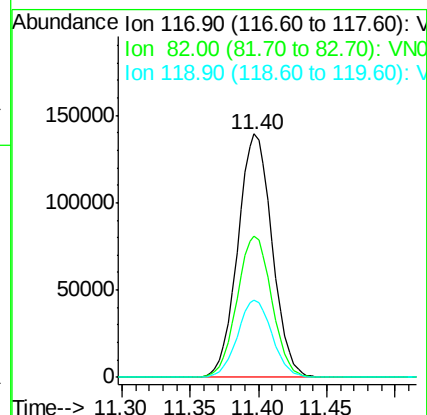
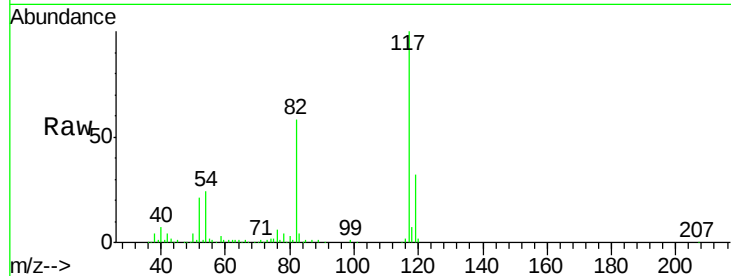




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061036.D
Acq: 17 Apr 2020 00:38

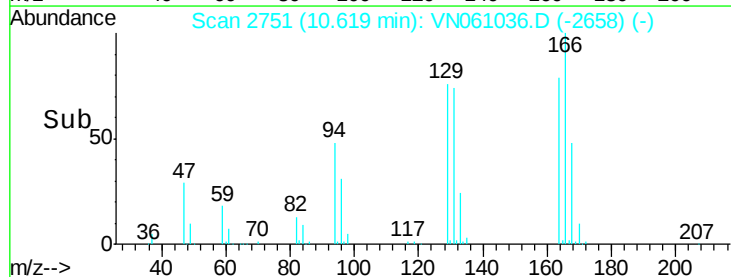
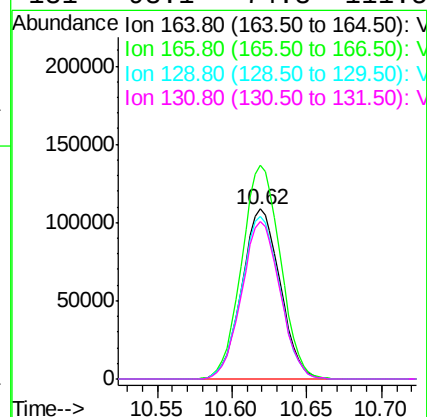
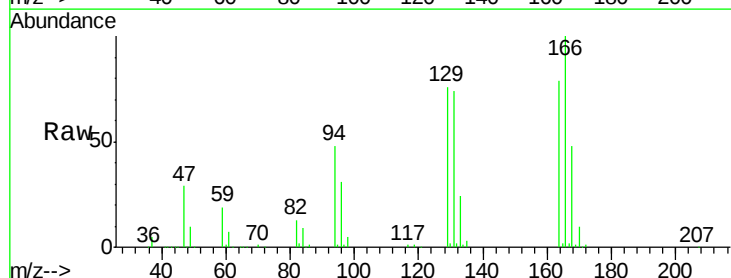
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40862

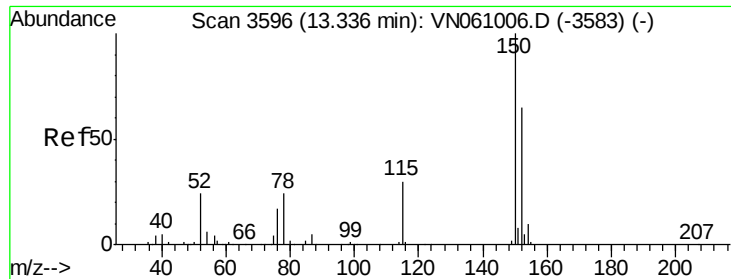
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.1	70.7
119	31.8	25.7	38.5



#64
Tetrachloroethene
Concen: 104.040 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061036.D
Acq: 17 Apr 2020 00:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	101.6	152.4
129	95.7	78.5	117.7
131	93.1	74.3	111.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061036.D

Acq: 17 Apr 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

40862

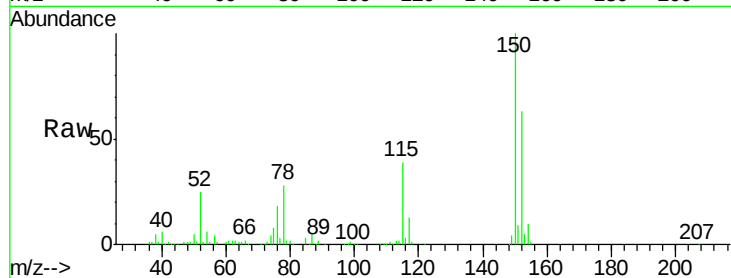
Tot Ion:152 Resp: 110681

Ion Ratio Lower Upper

152 100

115 61.6 30.8 92.4

150 158.3 0.0 349.0



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

