

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064766.D
 Acq On : 20 Nov 2020 7:31
 Operator : JC/MD
 Sample : L4778-11 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1814

Quant Time: Nov 24 08:19:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 00:39:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	205018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	423065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	447397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	208151	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	211122	58.54	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	117.08%	
35) Dibromofluoromethane		7.55	113	145944	60.61	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	121.22%	
50) Toluene-d8		10.06	98	564920	51.62	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.24%	
62) 4-Bromofluorobenzene		12.38	95	232359	56.80	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.60%	

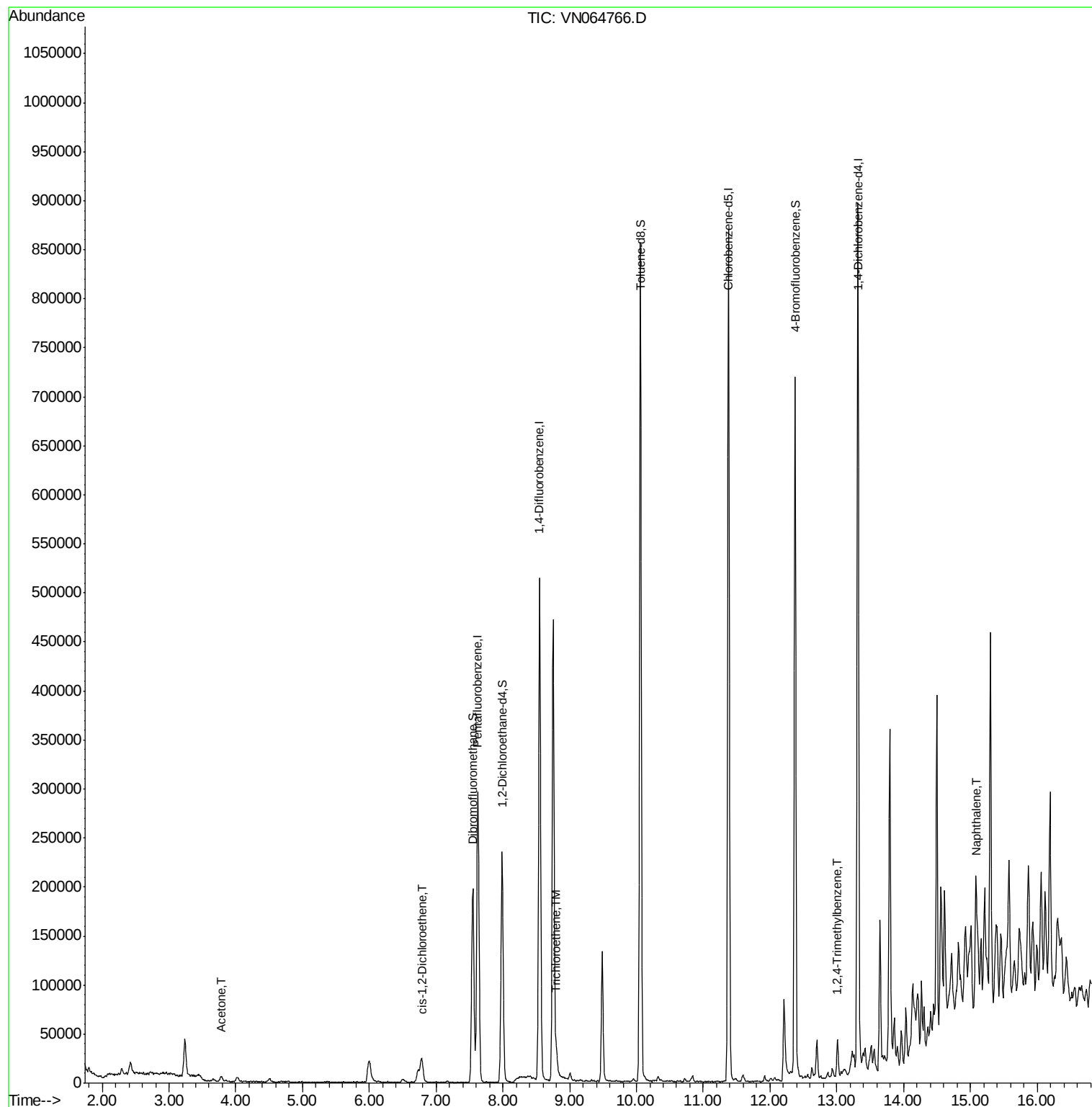
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	8829	14.977	ug/l	95
27) cis-1,2-Dichloroethene	6.78	96	8094	2.985	ug/l	43
44) Trichloroethene	8.80	130	5553	1.595	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	15306	1.222	ug/l	97
95) Naphthalene	15.10	128	31397	2.684	ug/l #	91

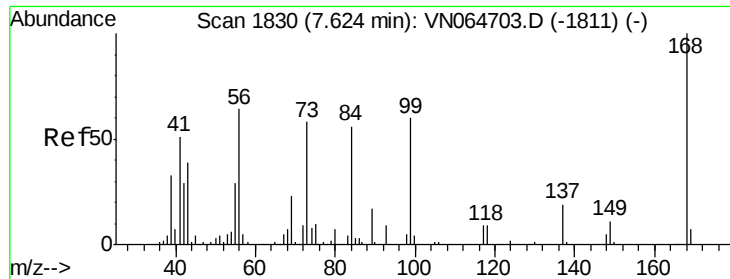
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064766.D

Acq: 20 Nov 2020 7:31

Instrument :

MSVOA_N

ClientSampleId :

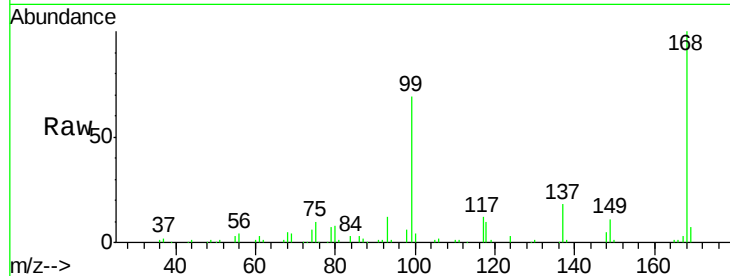
1814

Tot Ion:168 Resp: 205018

Ion Ratio Lower Upper

168 100

99 69.2 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

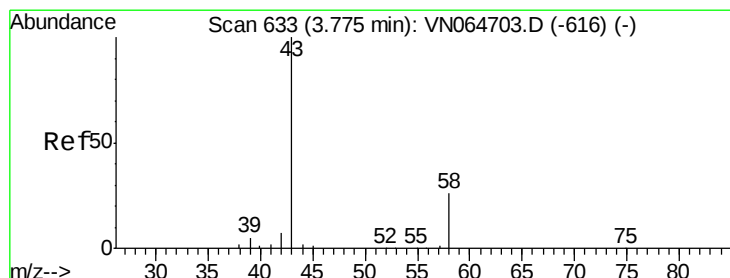
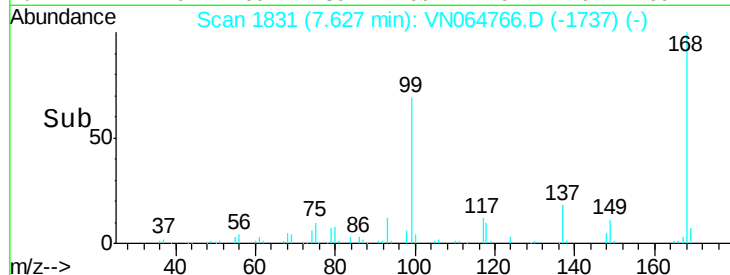
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 14.977 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064766.D

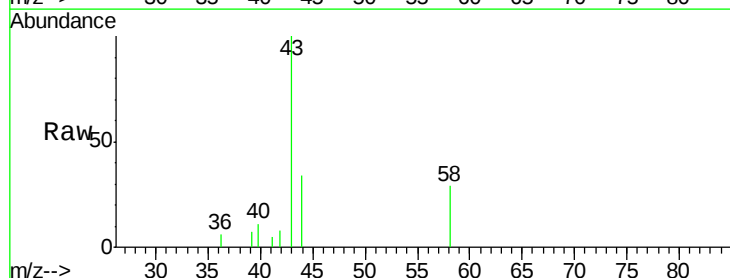
Acq: 20 Nov 2020 7:31

Tgt Ion: 43 Resp: 8829

Ion Ratio Lower Upper

43 100

58 29.1 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

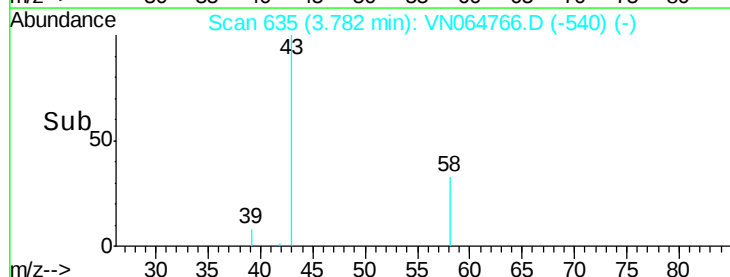
3000

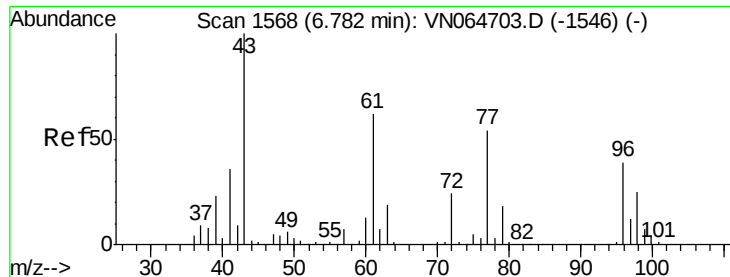
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#27

cis-1,2-Dichloroethene

Concen: 2.985 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064766.D

Acq: 20 Nov 2020 7:31

Instrument :

MSVOA_N

ClientSampleId :

1814

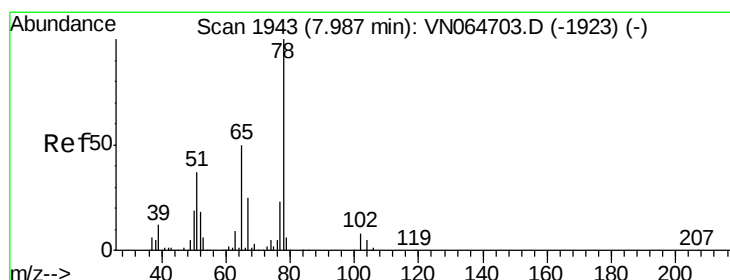
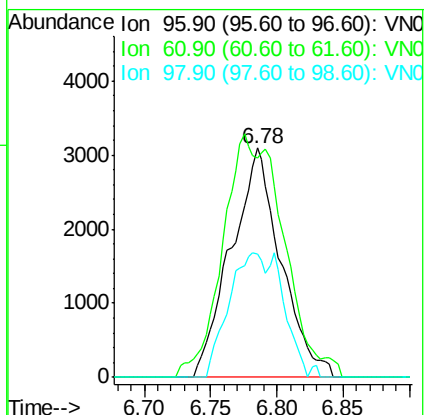
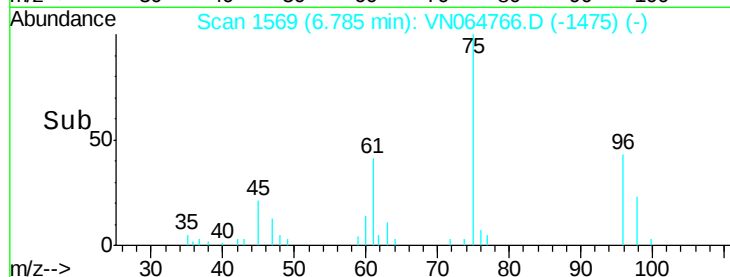
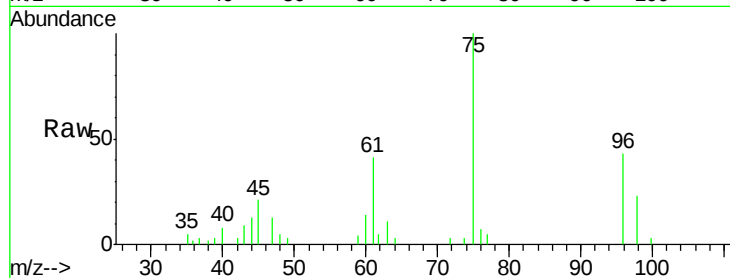
Tot Ion: 96 Resp: 8094

Ion Ratio Lower Upper

96 100

61 72.4 0.0 322.6

98 39.0 0.0 128.6



#33

1,2-Dichloroethane-d4

Concen: 58.538 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064766.D

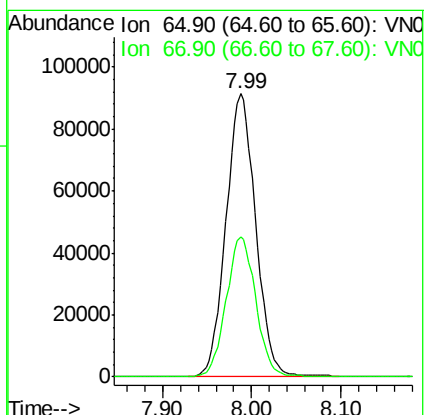
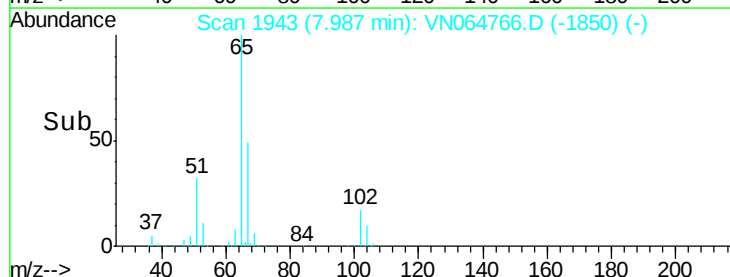
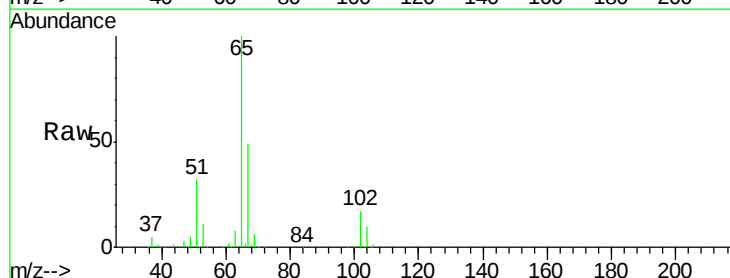
Acq: 20 Nov 2020 7:31

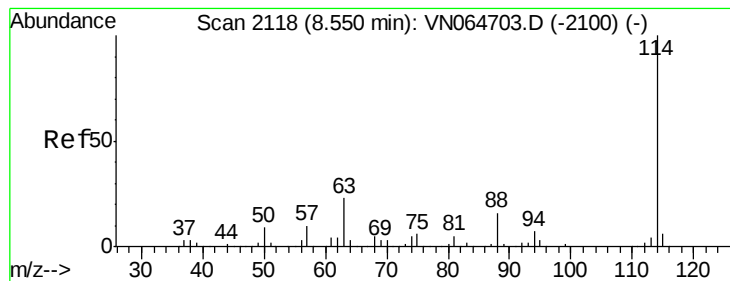
Tgt Ion: 65 Resp: 211122

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064766.D

Acq: 20 Nov 2020 7:31

Instrument :

MSVOA_N

ClientSampleId :

1814

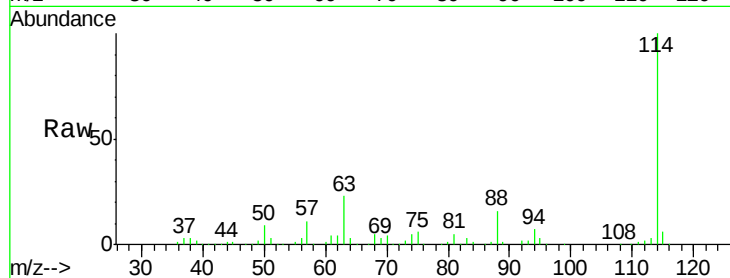
Tot Ion:114 Resp: 423065

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.0

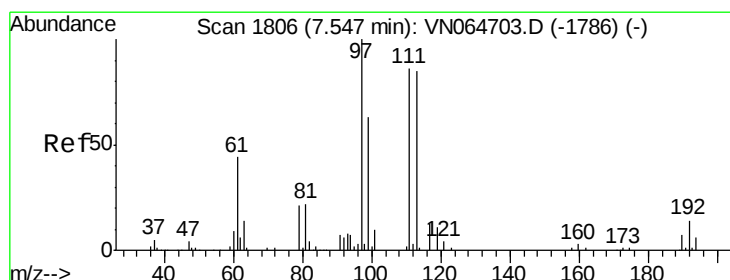
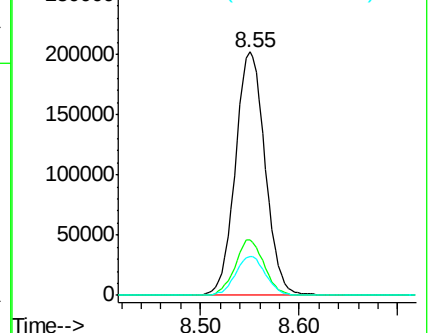
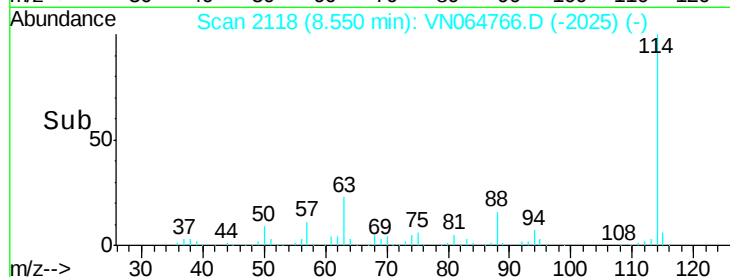
88 16.1 0.0 31.2



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: 60.609 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064766.D

Acq: 20 Nov 2020 7:31

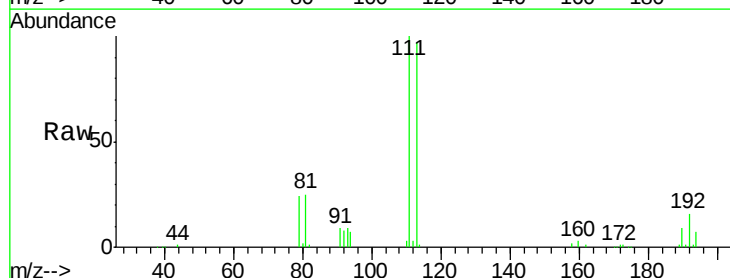
Tgt Ion:113 Resp: 145944

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

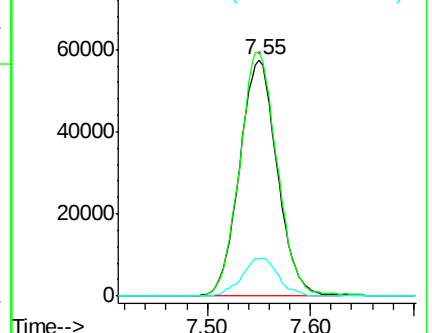
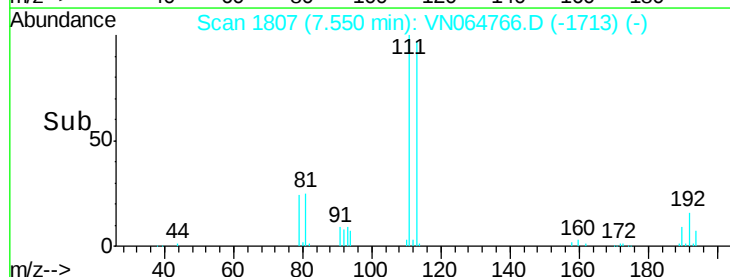
192 15.6 12.7 19.1

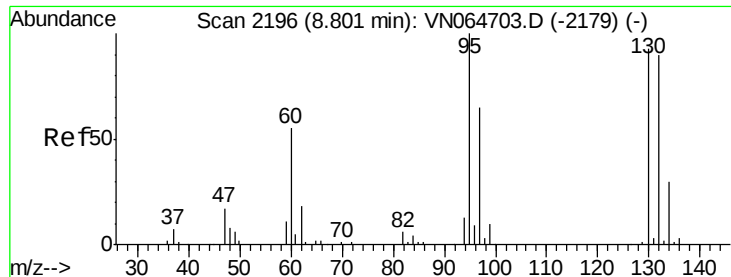


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

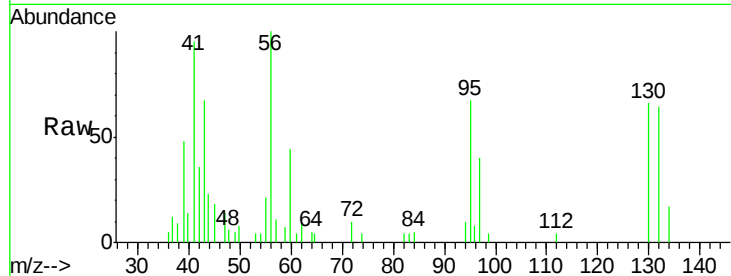




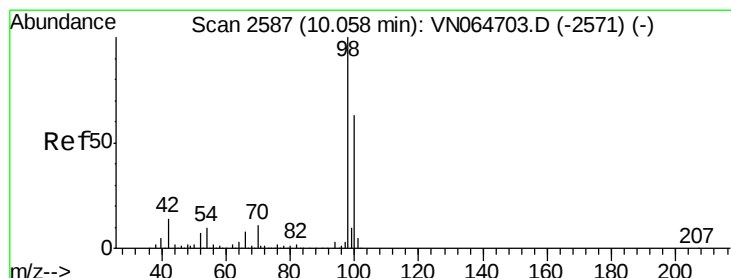
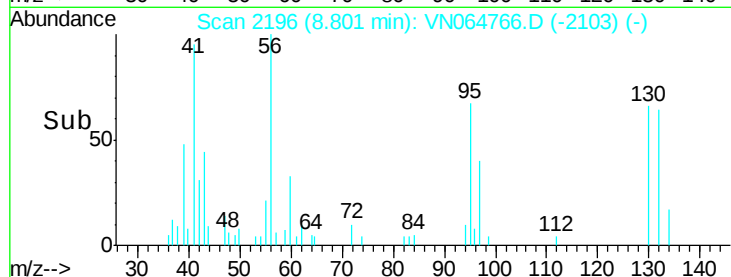
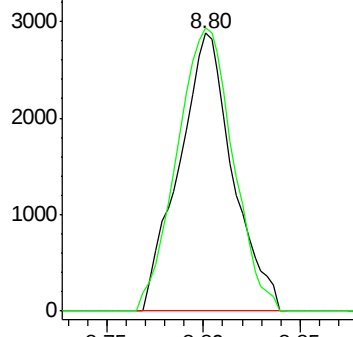
#44
 Trichloroethene
 Concen: 1.595 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN064766.D
 Acq: 20 Nov 2020 7:31

Instrument :
 MSVOA_N
 ClientSampleId :
 1814

Tot Ion:130 Resp: 5553
 Ion Ratio Lower Upper
 130 100
 95 101.9 0.0 214.2

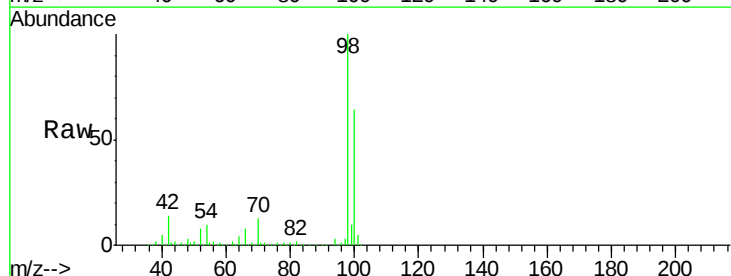


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN

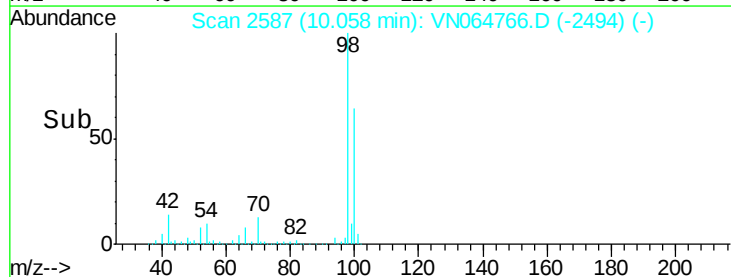
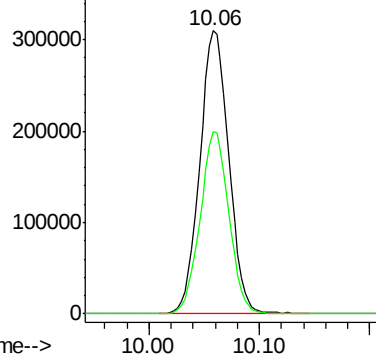


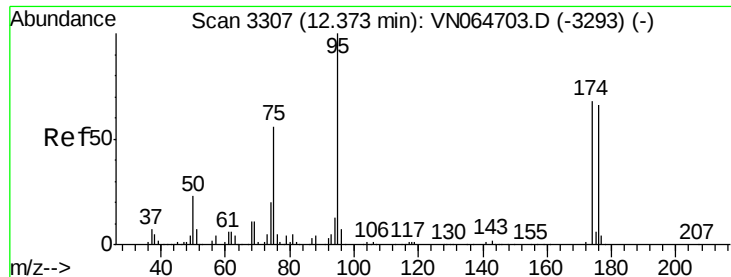
#50
 Toluene-d8
 Concen: 51.620 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064766.D
 Acq: 20 Nov 2020 7:31

Tgt Ion: 98 Resp: 564920
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.4 75.6



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





#62

4-Bromofluorobenzene

Concen: 56.803 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064766.D

Acq: 20 Nov 2020 7:31

Instrument :

MSVOA_N

ClientSampled :

1814

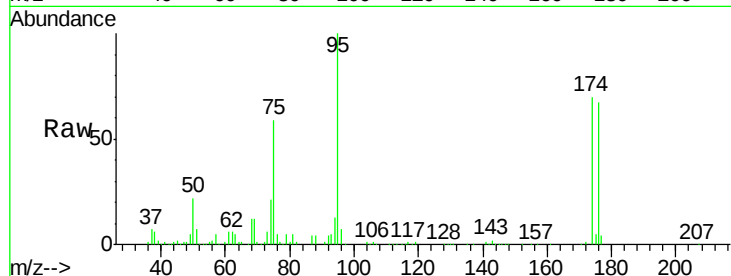
Tot Ion: 95 Resp: 232359

Ion Ratio Lower Upper

95 100

174 70.9 0.0 136.8

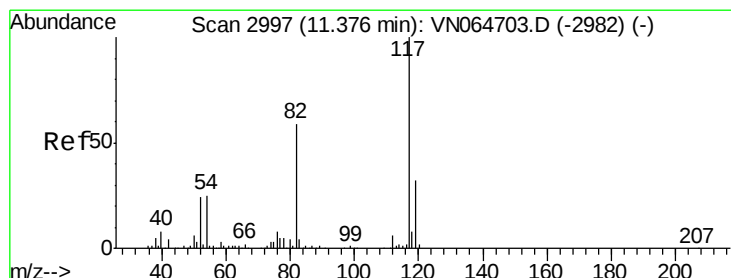
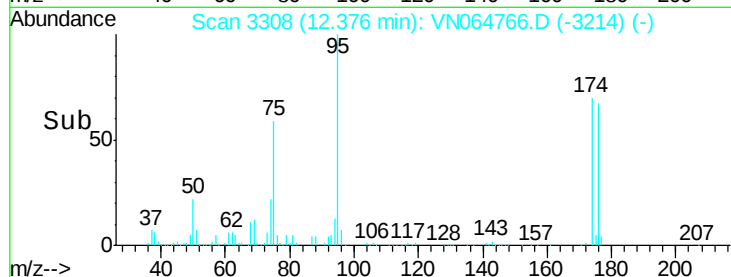
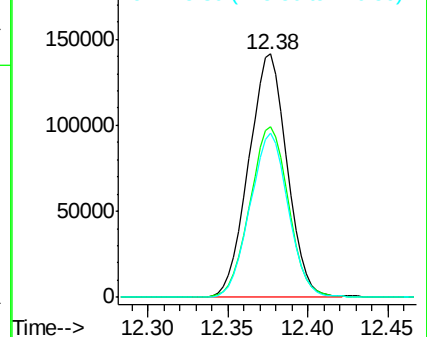
176 67.5 0.0 134.2



Abundance Ion 94.90 (94.60 to 95.60): VN064703.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064703.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064703.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064766.D

Acq: 20 Nov 2020 7:31

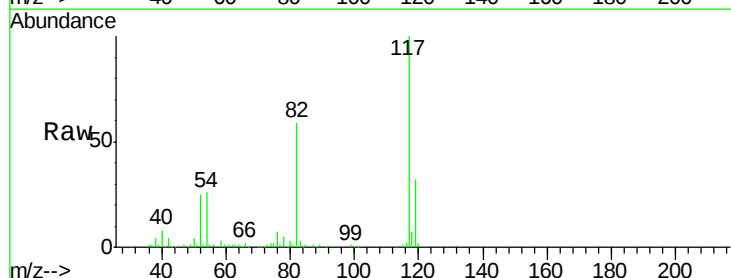
Tgt Ion: 117 Resp: 447397

Ion Ratio Lower Upper

117 100

82 58.6 47.0 70.6

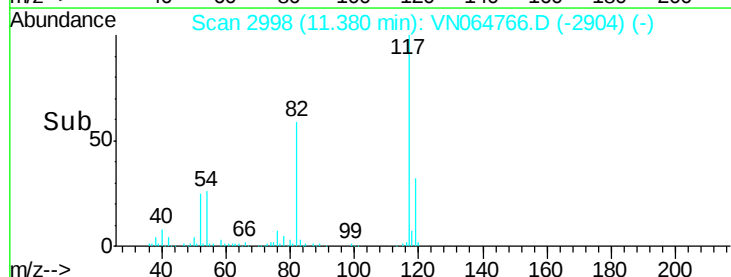
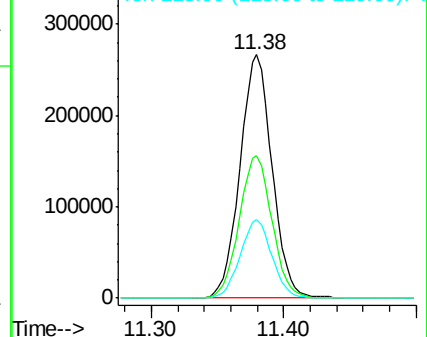
119 32.2 25.4 38.2

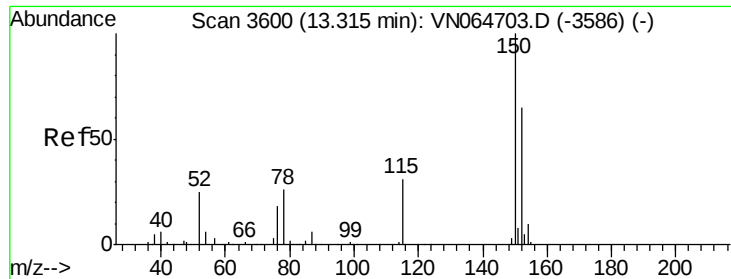


Abundance Ion 116.90 (116.60 to 117.60): VN064703.D (-2982) (-)

Ion 82.00 (81.70 to 82.70): VN064703.D (-2982) (-)

Ion 118.90 (118.60 to 119.60): VN064703.D (-2982) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064766.D

Acq: 20 Nov 2020 7:31

Instrument :

MSVOA_N

ClientSampled :

1814

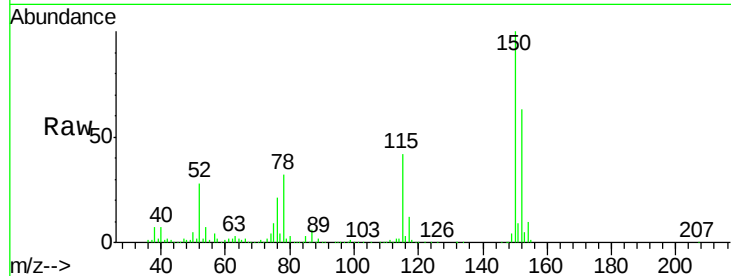
Tot Ion:152 Resp: 208151

Ion Ratio Lower Upper

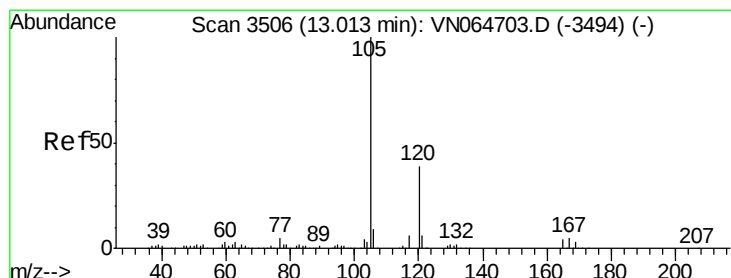
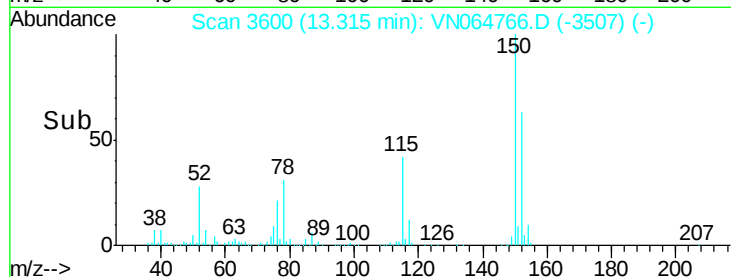
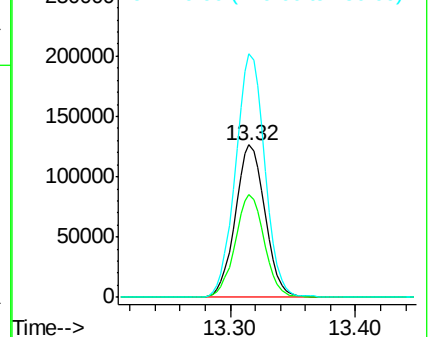
152 100

115 66.3 32.1 96.3

150 156.9 0.0 344.8



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



#84

1,2,4-Trimethylbenzene

Concen: 1.222 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN064766.D

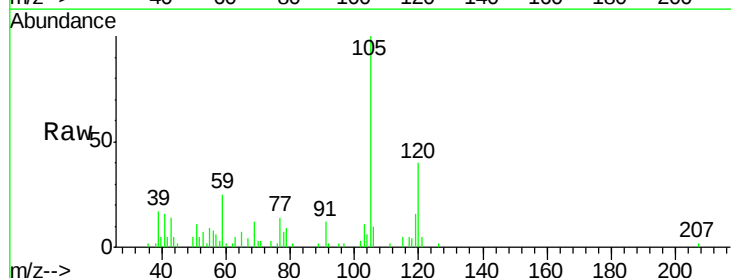
Acq: 20 Nov 2020 7:31

Tgt Ion:105 Resp: 15306

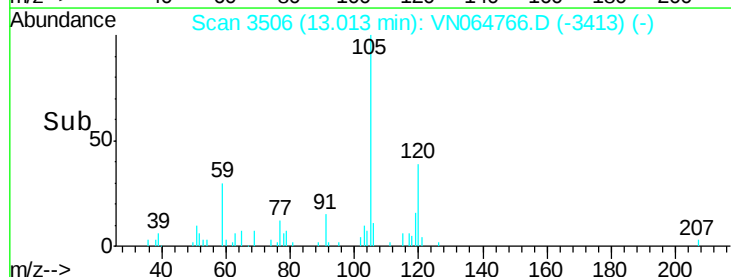
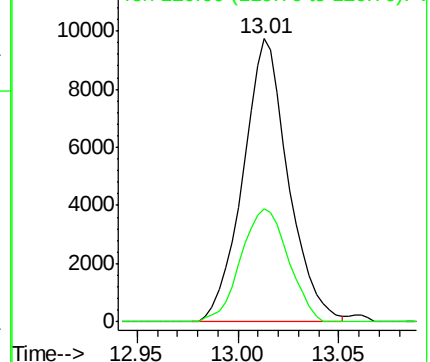
Ion Ratio Lower Upper

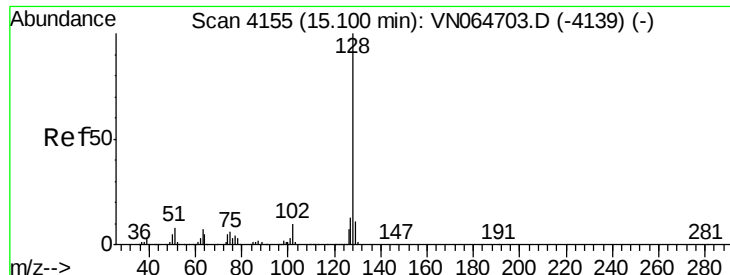
105 100

120 41.7 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.684 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064766.D

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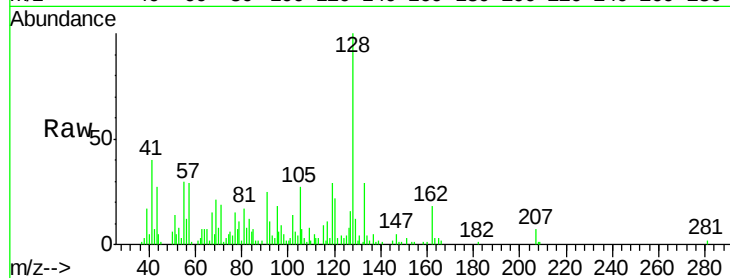
Tot Ion:128 Resp: 31397

Ion Ratio Lower Upper

128 100

127 15.3 10.8 16.2

129 16.7 8.9 13.3#



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

