

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072920\
 Data File : VN062655.D
 Acq On : 29 Jul 2020 16:09
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 30 03:04:15 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	7.62	168	141375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	254854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	251682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	94030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	121175	55.18	ug/l	0.00
Spiked Amount						
			Recovery	=	110.36%	
35) Dibromofluoromethane	7.54	113	85406	51.02	ug/l	0.00
Spiked Amount						
			Recovery	=	102.04%	
50) Toluene-d8	10.06	98	333062	49.87	ug/l	0.00
Spiked Amount						
			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.37	95	121872	49.90	ug/l	0.00
Spiked Amount						
			Recovery	=	99.80%	

Target Compounds

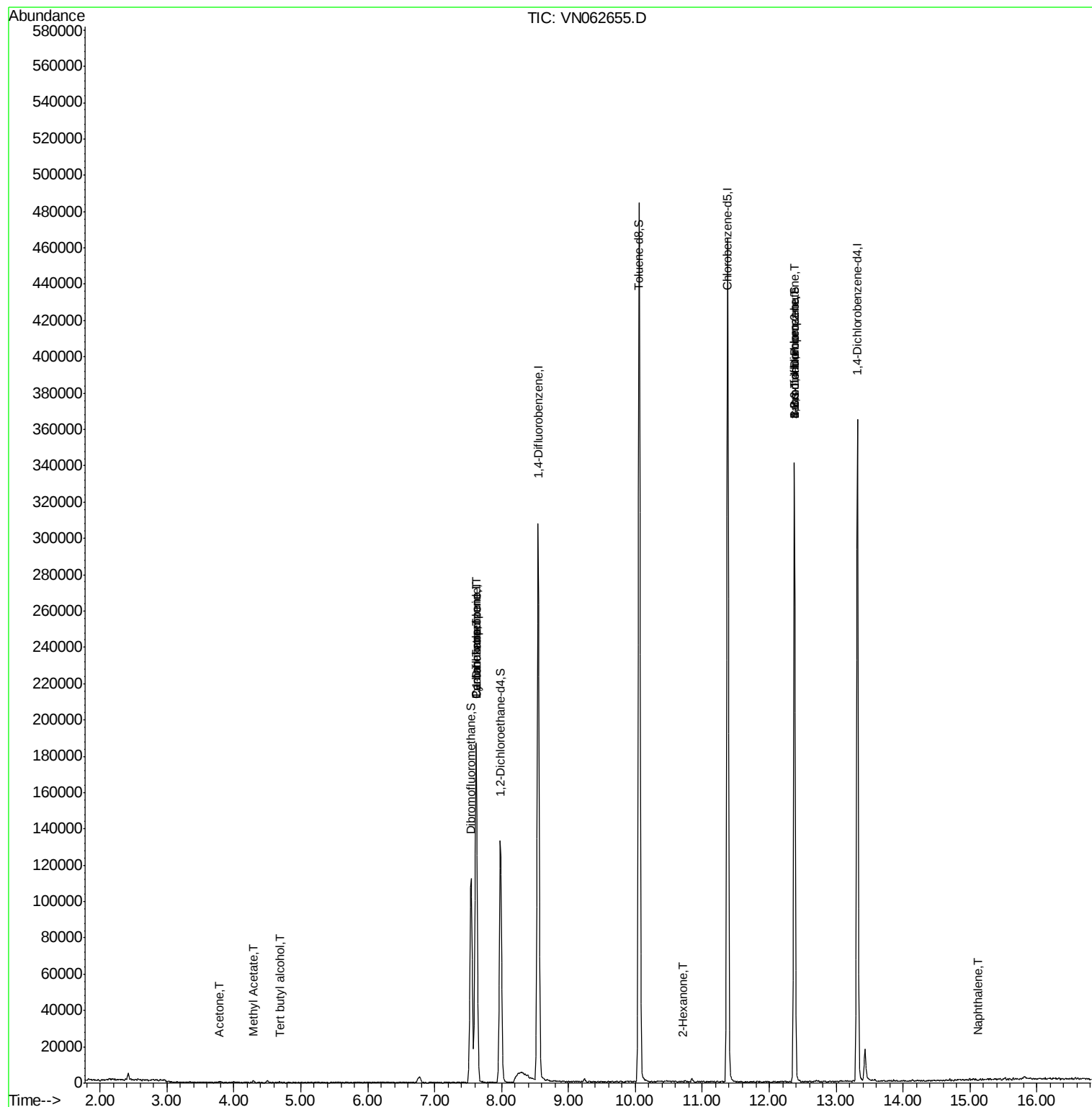
						Qvalue
11) Tert butyl alcohol	4.70	59	171	0.489	ug/l #	73
16) Acetone	3.78	43	924	1.118	ug/l #	44
18) Methyl Acetate	4.28	43	1104	0.528	ug/l #	68
31) Cyclohexane	7.62	56	3662	1.132	ug/l #	15
36) 1,1-Dichloropropene	7.62	75	12498	4.601	ug/l #	49
38) Carbon Tetrachloride	7.62	117	14889	5.702	ug/l #	18
59) 2-Hexanone	10.72	43	51	2.982	ug/l #	26
71) Bromoform	12.37	173	630	0.423	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	65717	27.458	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	65717	76.436	ug/l #	12
95) Naphthalene	15.12	128	34	3.769	ug/l #	69

(#) = 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: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062655.D

Acq: 29 Jul 2020 16:09

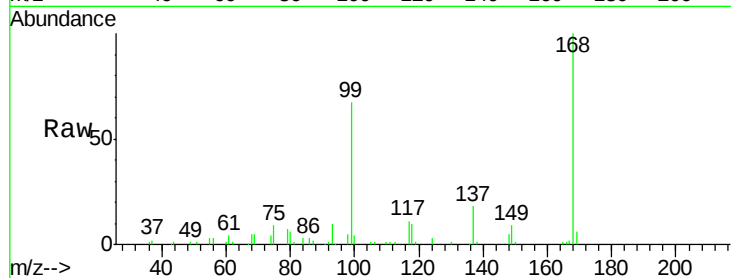
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 141375

Ion Ratio Lower Upper

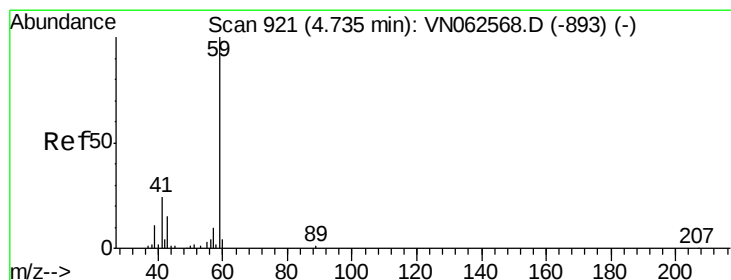
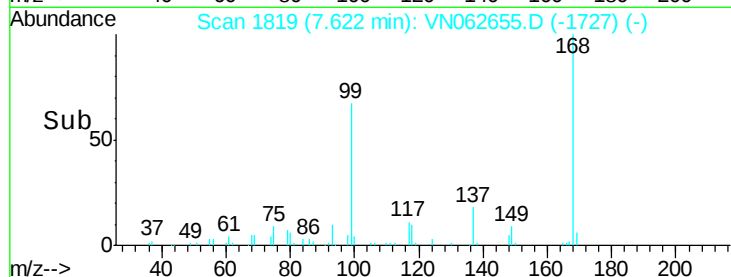
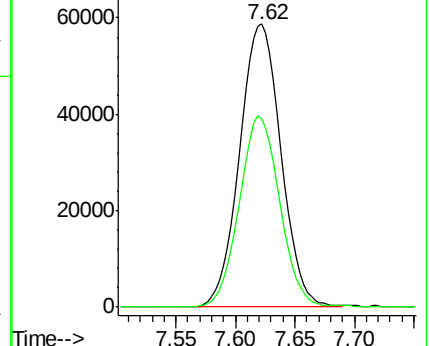
168 100

99 66.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 0.489 ug/l

RT: 4.70 min Scan# 910

Delta R.T. -0.04 min

Lab File: VN062655.D

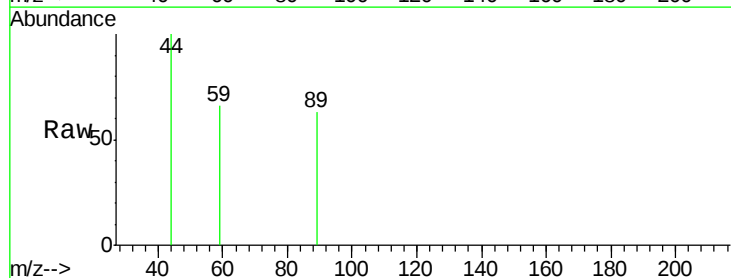
Acq: 29 Jul 2020 16:09

Tgt Ion: 59 Resp: 171

Ion Ratio Lower Upper

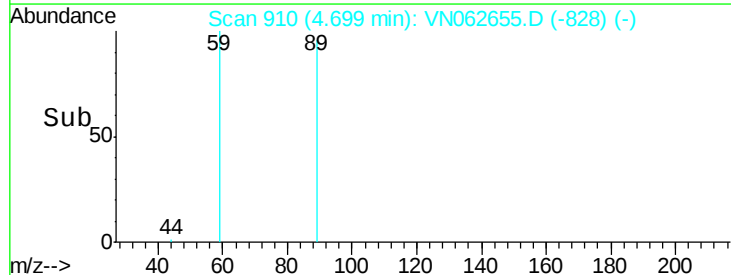
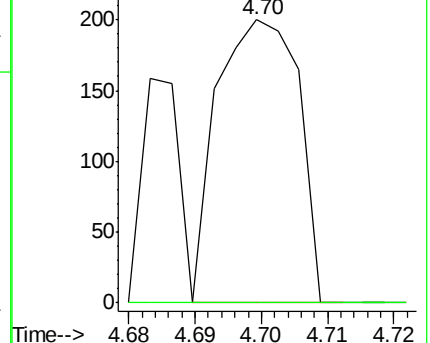
59 100

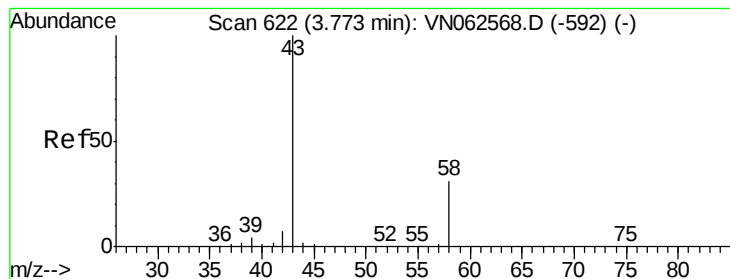
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#16

Acetone

Concen: 1.118 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062655.D

Acq: 29 Jul 2020 16:09

Instrument :

MSVOA_N

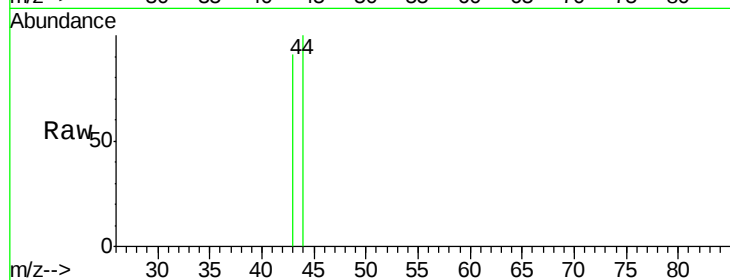
ClientSampleId :

Tot Ion: 43 Resp: 924

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

400

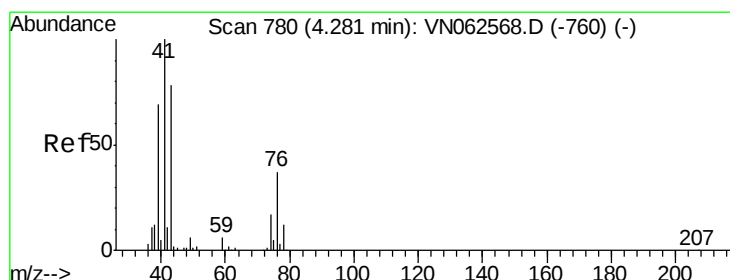
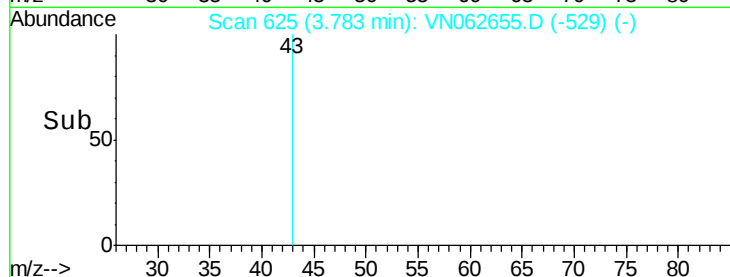
300

200

100

0

Time-->



#18

Methyl Acetate

Concen: 0.528 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062655.D

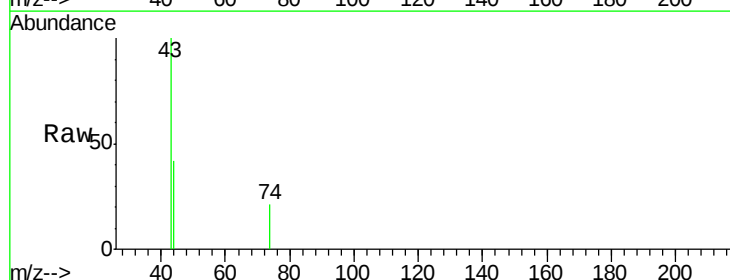
Acq: 29 Jul 2020 16:09

Tgt Ion: 43 Resp: 1104

Ion Ratio Lower Upper

43 100

74 5.8 16.6 24.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

800

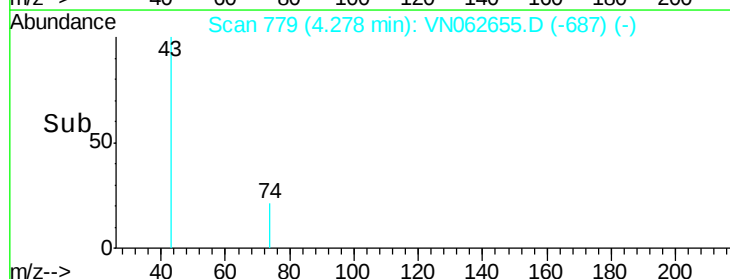
600

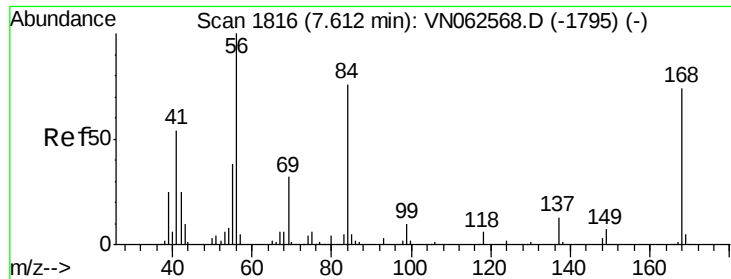
400

200

0

Time-->

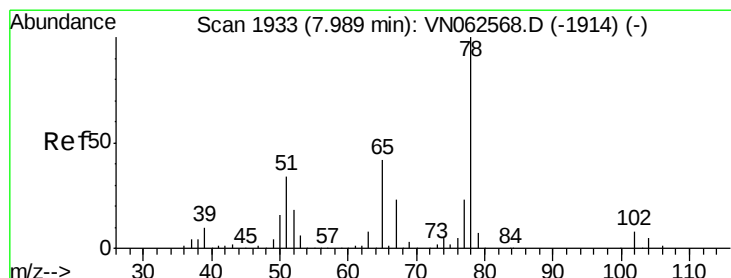
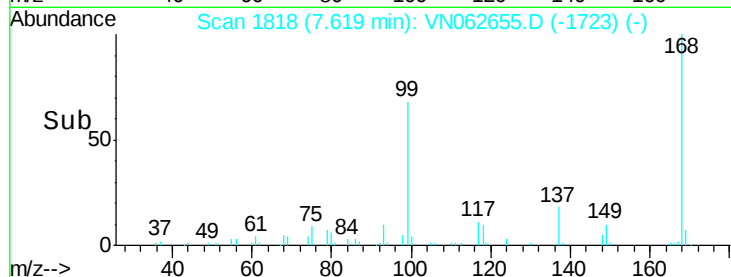
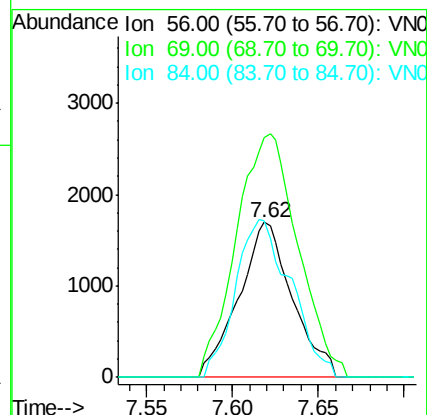
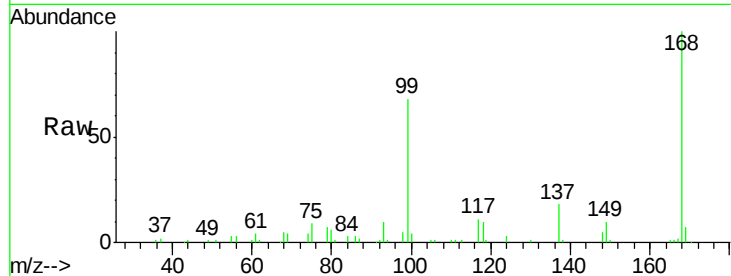




#31
Cyclohexane
Concen: 1.132 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VN062655.D
Acq: 29 Jul 2020 16:09

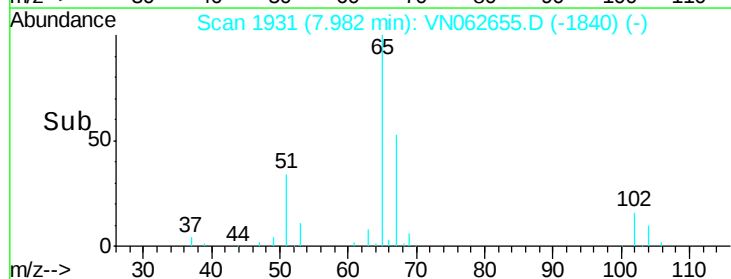
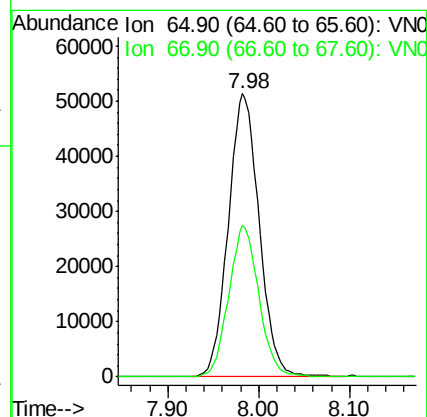
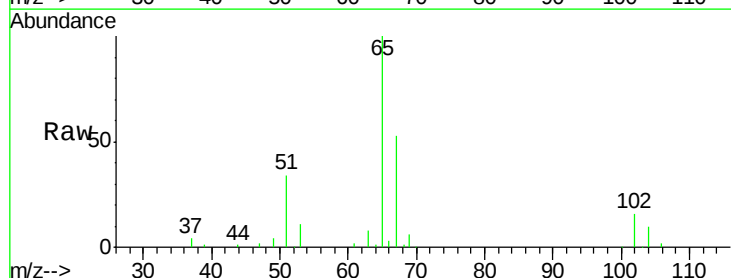
Instrument :
MSVOA_N
ClientSampleId :

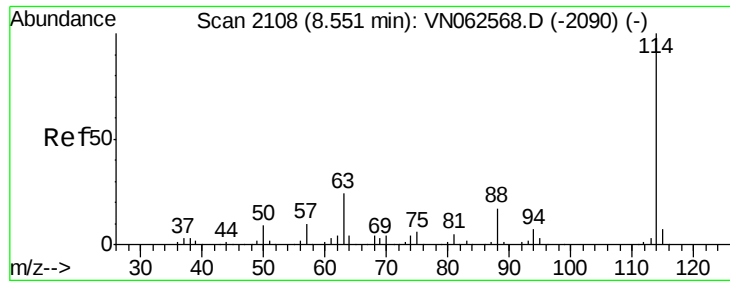
Tot Ion: 56 Resp: 3662
Ion Ratio Lower Upper
56 100
69 154.6 25.3 37.9#
84 101.1 61.0 91.4#



#33
1,2-Dichloroethane-d4
Concen: 55.175 ug/l
RT: 7.98 min Scan# 1931
Delta R.T. -0.01 min
Lab File: VN062655.D
Acq: 29 Jul 2020 16:09

Tgt Ion: 65 Resp: 121175
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.0

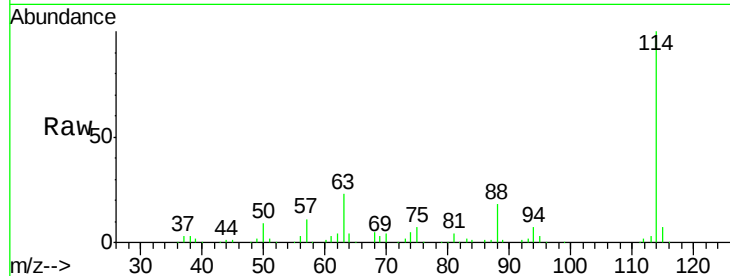




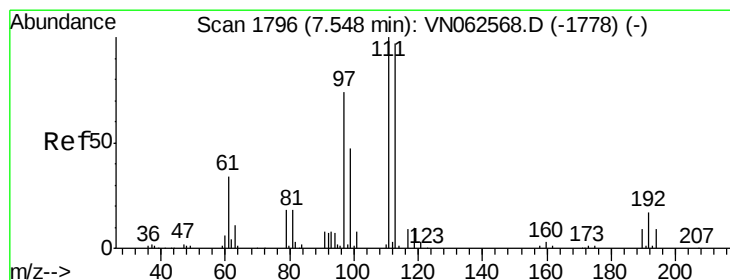
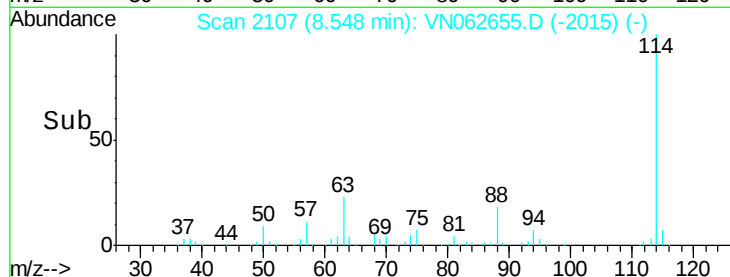
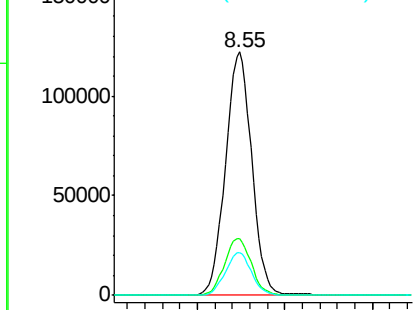
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN062655.D
Acq: 29 Jul 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 254854
Ion Ratio Lower Upper
114 100
63 23.2 0.0 48.4
88 17.7 0.0 33.8

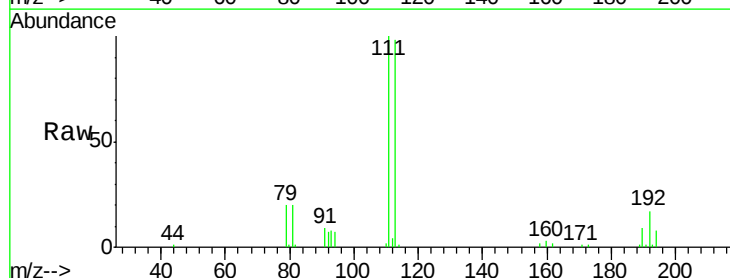


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

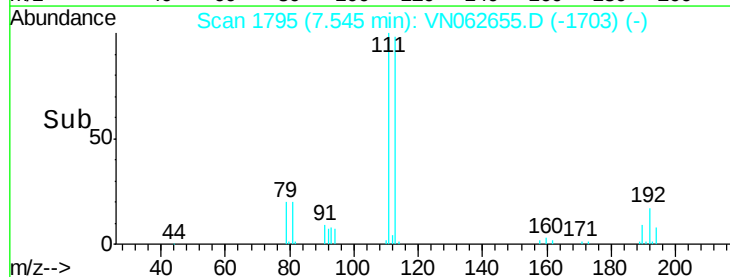
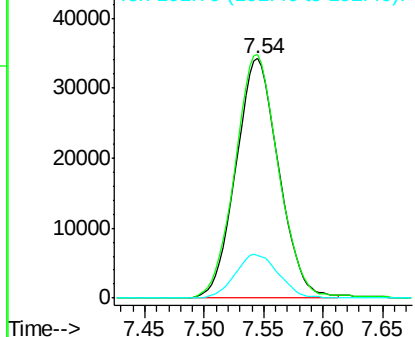


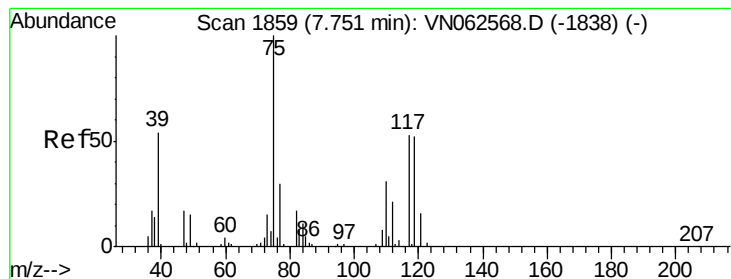
#35
Dibromofluoromethane
Concen: 51.018 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN062655.D
Acq: 29 Jul 2020 16:09

Tgt Ion:113 Resp: 85406
Ion Ratio Lower Upper
113 100
111 103.4 82.7 124.1
192 18.5 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





#36

1,1-Dichloropropene

Concen: 4.601 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.13 min

Lab File: VN062655.D

Acq: 29 Jul 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

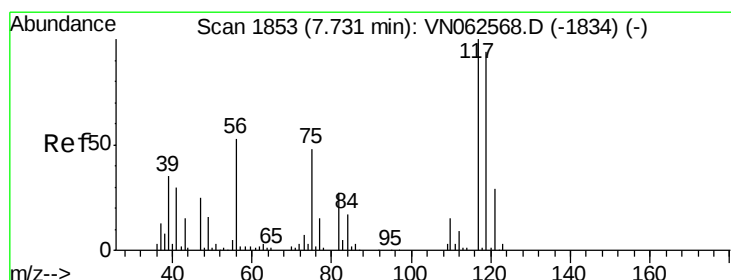
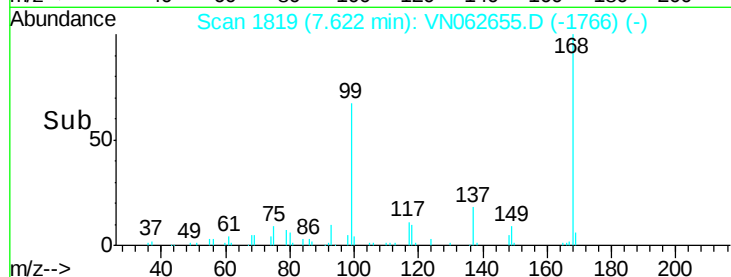
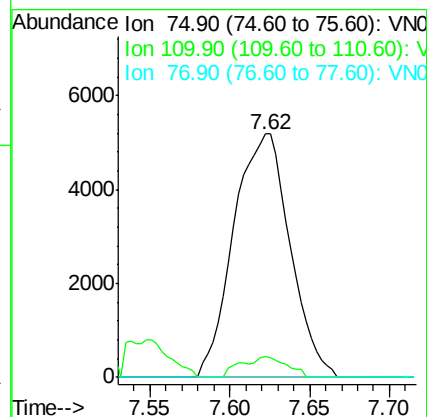
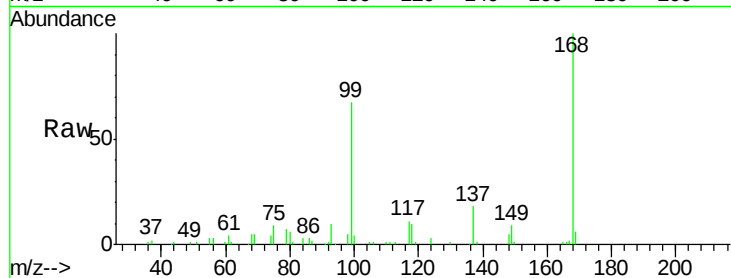
Tot Ion: 75 Resp: 12498

Ion Ratio Lower Upper

75 100

110 6.8 16.0 48.0#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.702 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.11 min

Lab File: VN062655.D

Acq: 29 Jul 2020 16:09

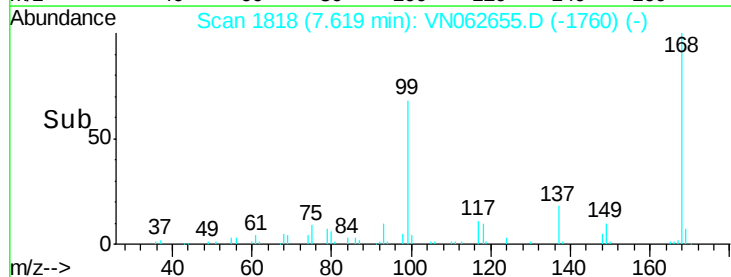
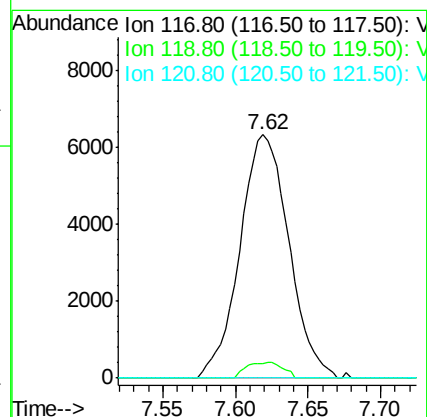
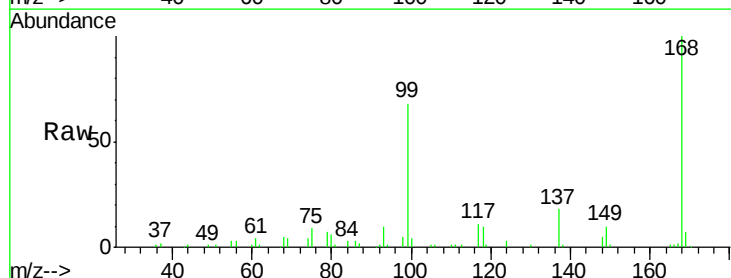
Tgt Ion: 117 Resp: 14889

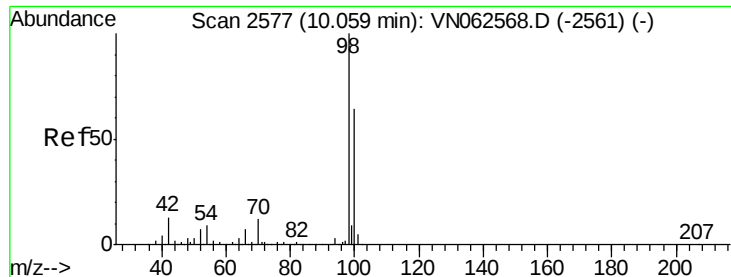
Ion Ratio Lower Upper

117 100

119 6.0 74.8 112.2#

121 0.0 23.0 34.6#





#50

Toluene-d8

Concen: 49.865 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VN062655.D

Acq: 29 Jul 2020 16:09

Instrument :

MSVOA_N

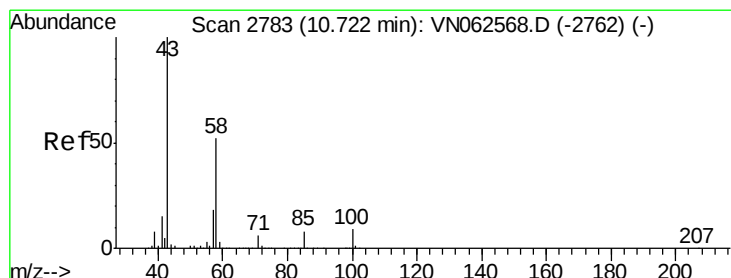
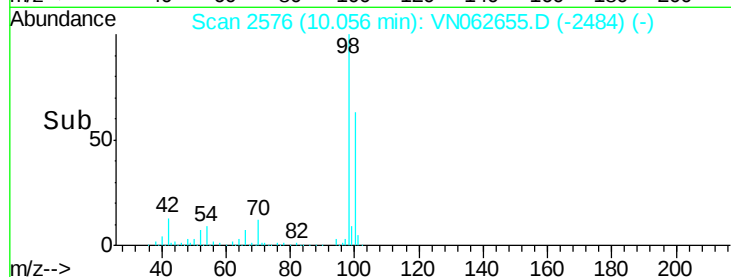
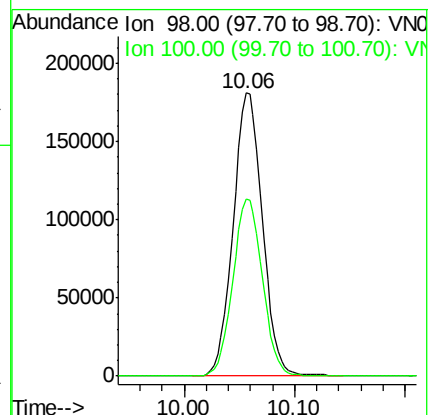
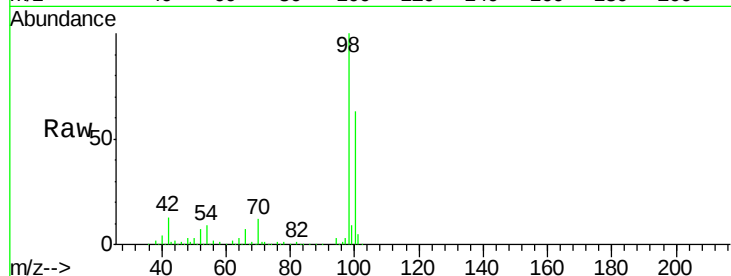
ClientSampled :

Tot Ion: 98 Resp: 333062

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



#59

2-Hexanone

Concen: 2.982 ug/l

RT: 10.72 min Scan# 2781

Delta R.T. -0.01 min

Lab File: VN062655.D

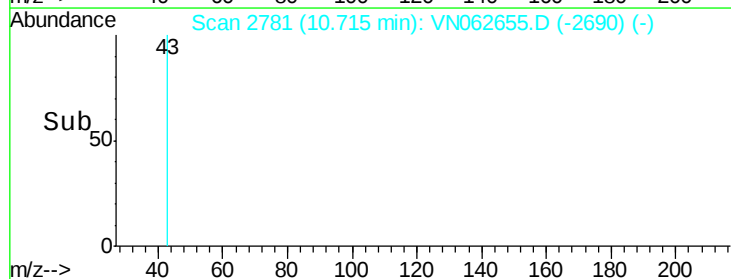
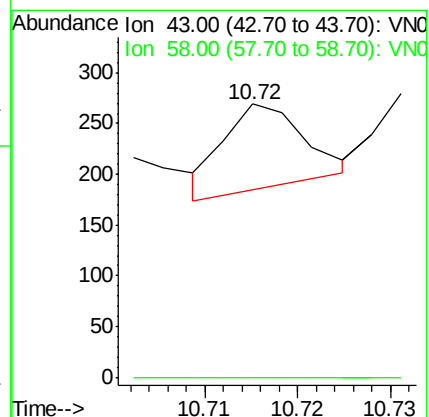
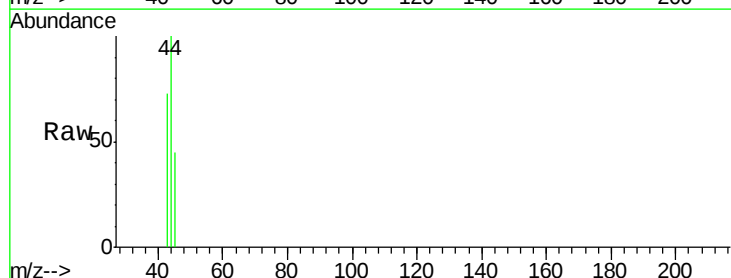
Acq: 29 Jul 2020 16:09

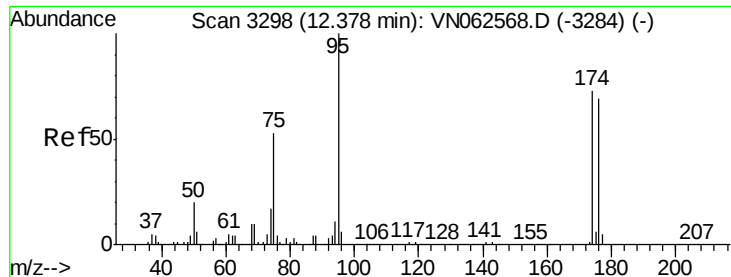
Tgt Ion: 43 Resp: 51

Ion Ratio Lower Upper

43 100

58 0.0 26.0 78.0#





#62

4-Bromofluorobenzene

Concen: 49.902 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062655.D

Acq: 29 Jul 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

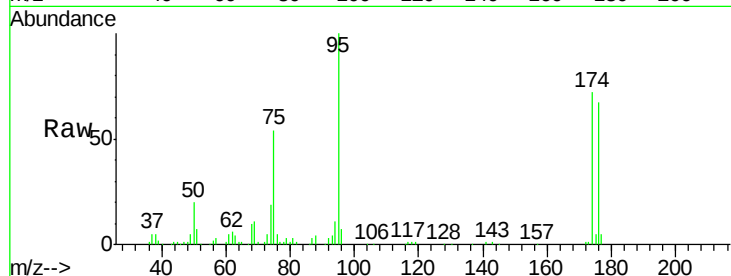
Tot Ion: 95 Resp: 121872

Ion Ratio Lower Upper

95 100

174 72.4 0.0 144.6

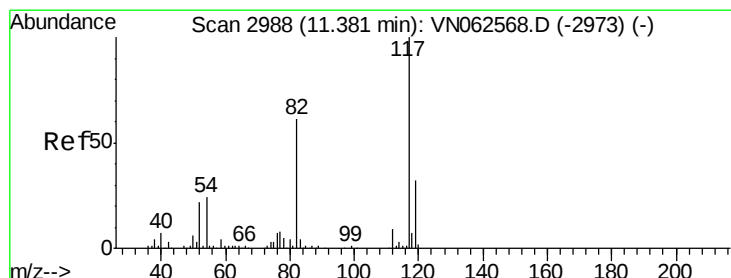
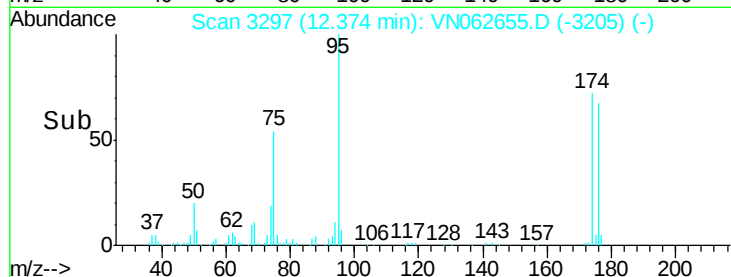
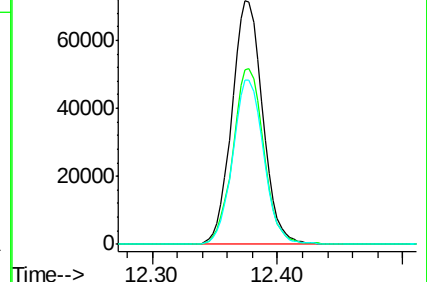
176 68.1 0.0 139.4



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

Ion 173.80 (173.50 to 174.50): VN062568.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062568.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2987

Delta R.T. -0.00 min

Lab File: VN062655.D

Acq: 29 Jul 2020 16:09

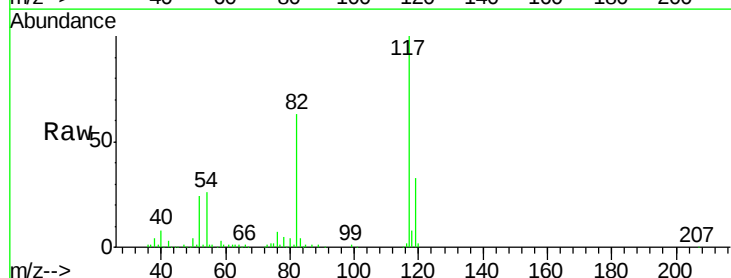
Tgt Ion: 117 Resp: 251682

Ion Ratio Lower Upper

117 100

82 62.9 49.0 73.6

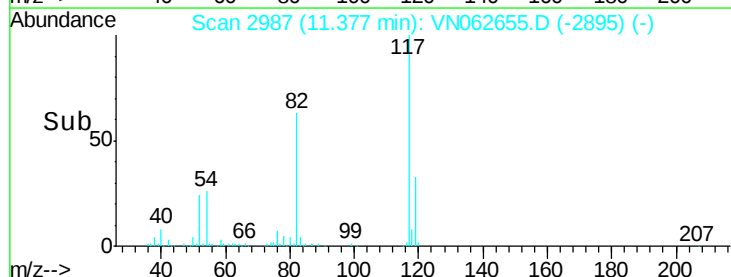
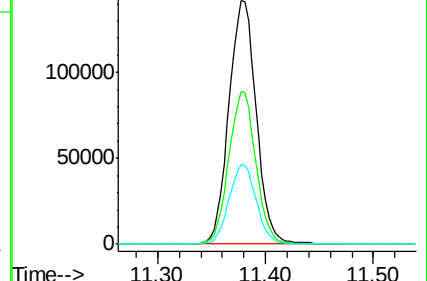
119 32.5 25.4 38.2

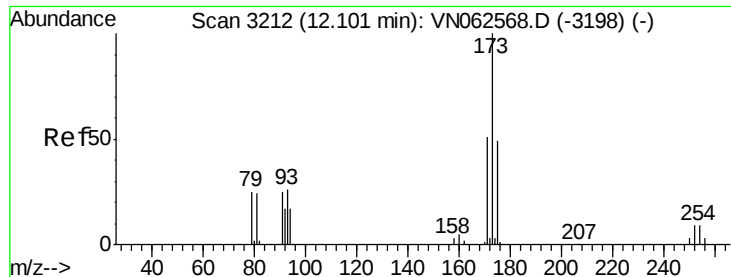


Abundance Ion 116.90 (116.60 to 117.60): VN062568.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN062568.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN062568.D (-2973) (-)





#71

Bromoform

Concen: 0.423 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN062655.D

Acq: 29 Jul 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

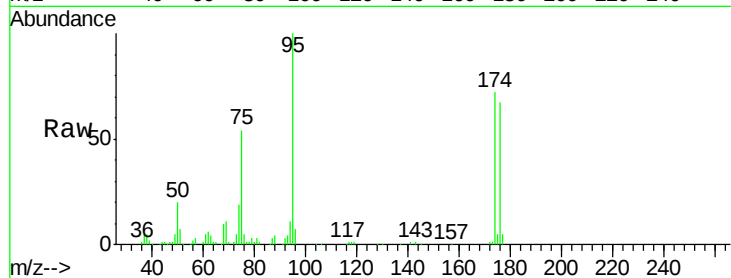
Tot Ion:173 Resp: 630

Ion Ratio Lower Upper

173 100

175 876.0 24.1 72.2#

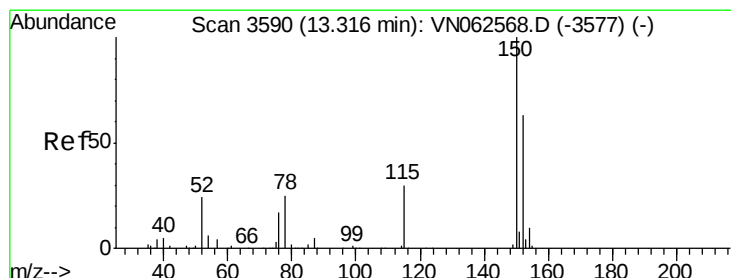
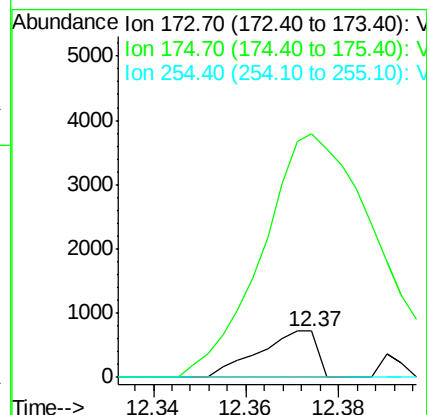
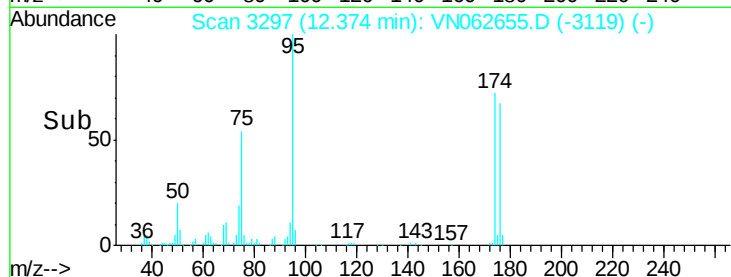
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062655.D

Acq: 29 Jul 2020 16:09

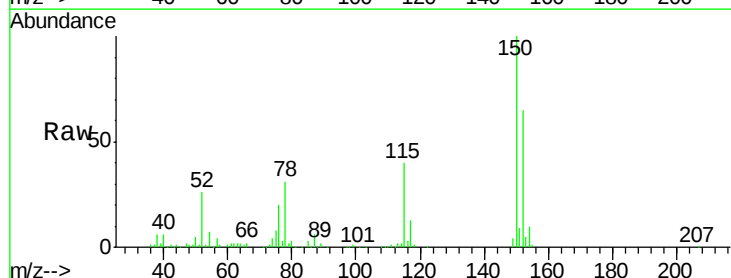
Tgt Ion:152 Resp: 94030

Ion Ratio Lower Upper

152 100

115 62.9 31.8 95.4

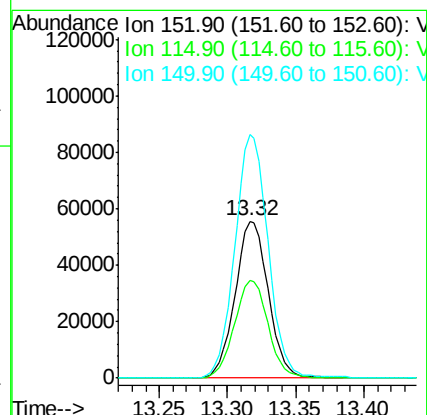
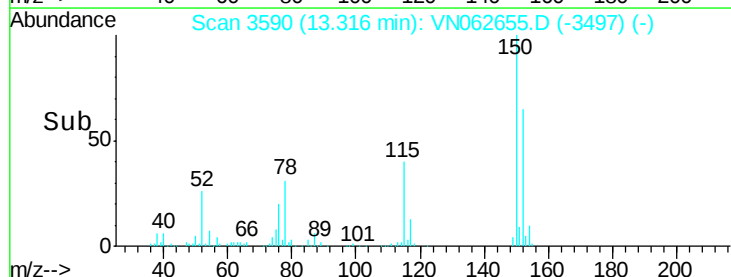
150 154.7 0.0 351.4

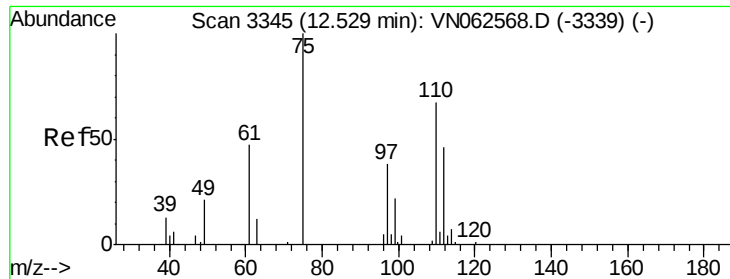


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

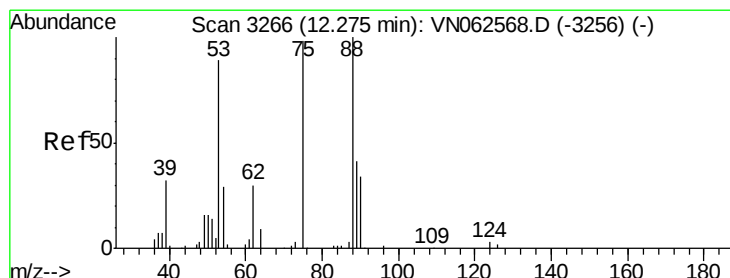
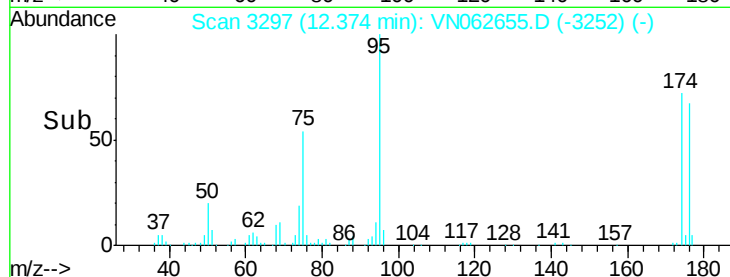
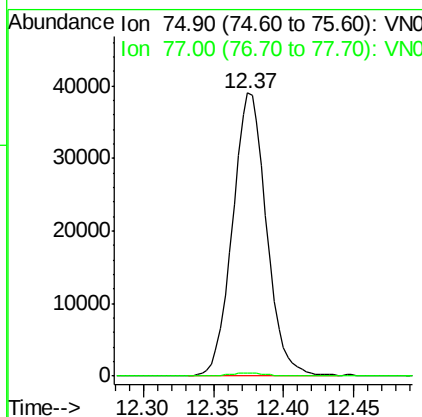
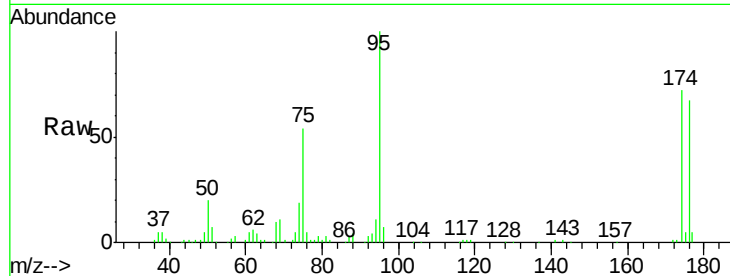




#76
 1,2,3-Trichloropropane
 Concen: 27.458 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.15 min
 Lab File: VN062655.D
 Acq: 29 Jul 2020 16:09

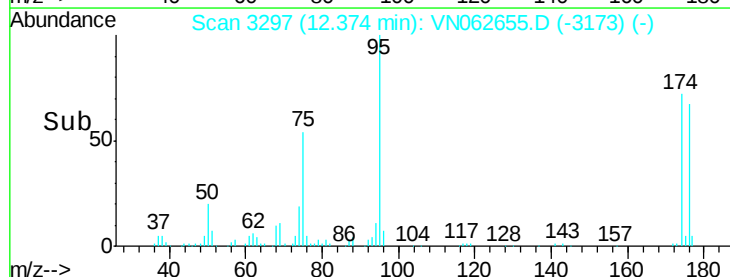
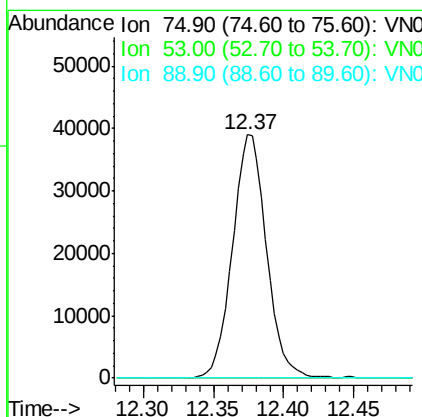
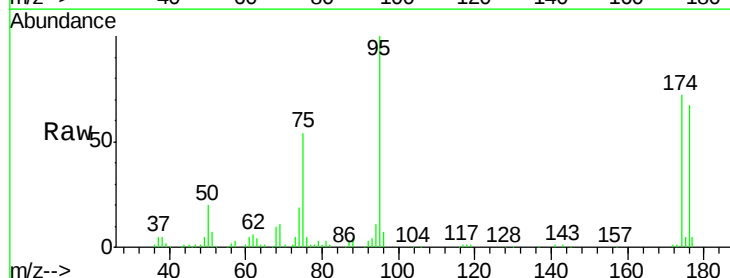
Instrument :
 MSVOA_N
 ClientSampleId :

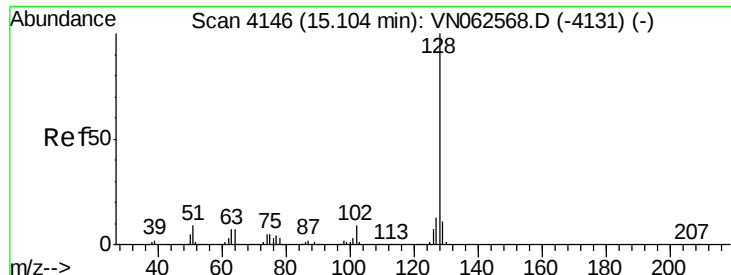
Tot Ion: 75 Resp: 65717
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.436 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.10 min
 Lab File: VN062655.D
 Acq: 29 Jul 2020 16:09

Tgt Ion: 75 Resp: 65717
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.0#
 89 0.0 34.5 51.7#

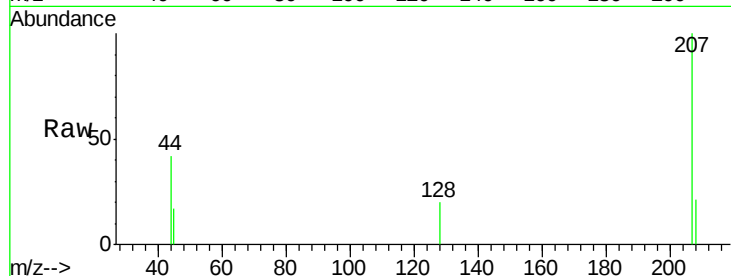




#95
Naphthalene
Concen: 3.769 ug/l
RT: 15.12 min Scan# 4150
Delta R.T. 0.01 min
Lab File: VN062655.D
Acq: 29 Jul 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#



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

