

Data File : VN062002.D
Acq On : 22 Jun 2020 16:18
Operator : JC/MD
Sample : L3033-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS043MW010-200615

Quant Time: Jun 23 14:36:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	144410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	265761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	260365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99695	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	99242	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	7.55	113	85181	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.06	98	336153	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.38	95	111223	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds

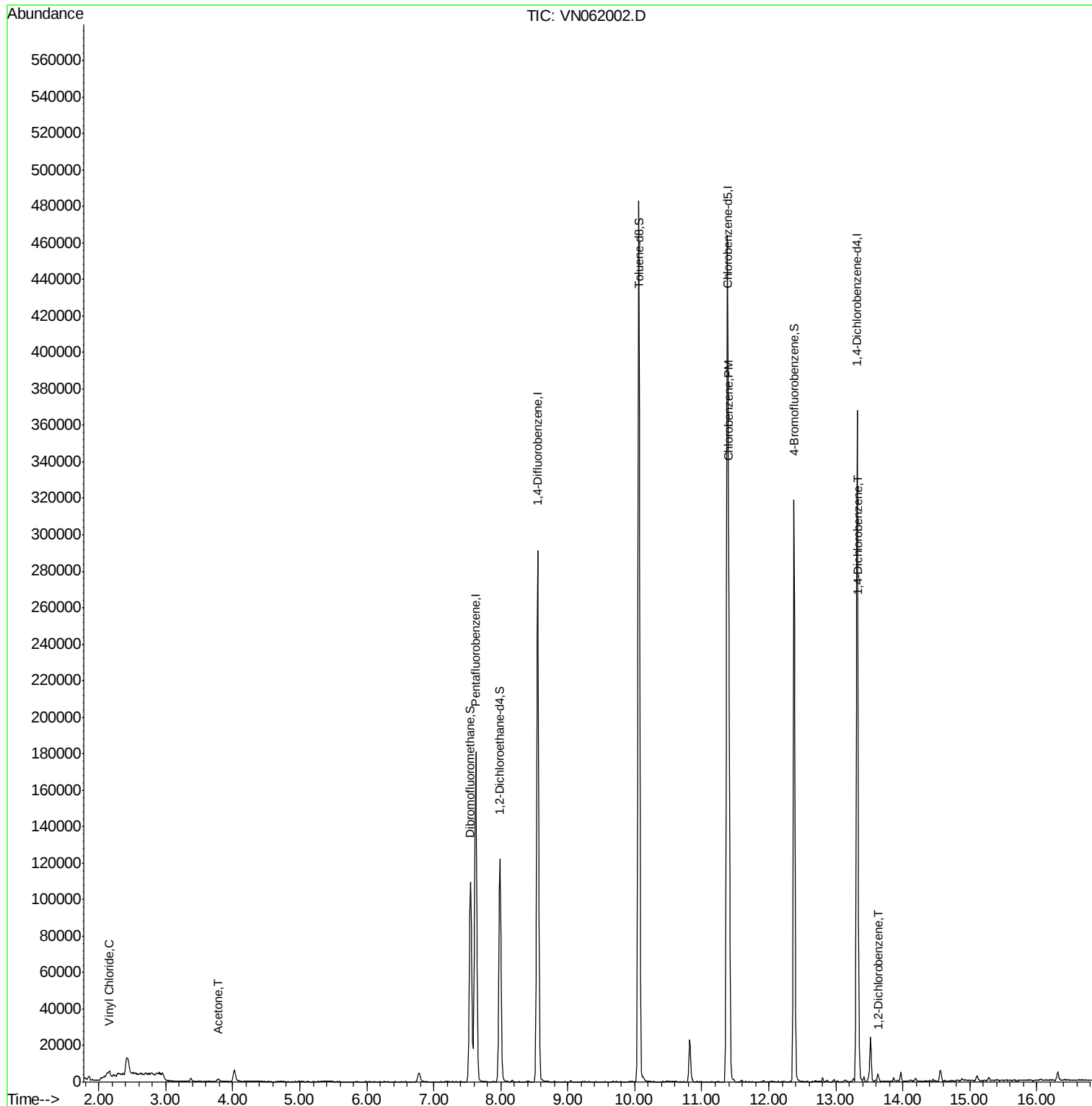
						Qvalue
4) Vinyl Chloride	2.16	62	2441	1.022	ug/l	93
16) Acetone	3.79	43	2548	4.454	ug/l	94
65) Chlorobenzene	11.41	112	121766	22.164	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	10602	3.177	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	2125	0.677	ug/l	99

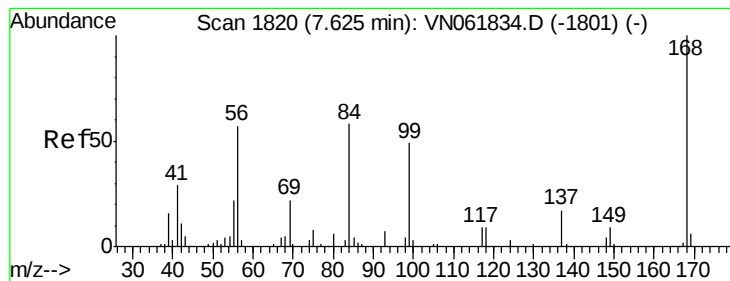
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062002.D

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Instrument :

MSVOA_N

ClientSampleId :

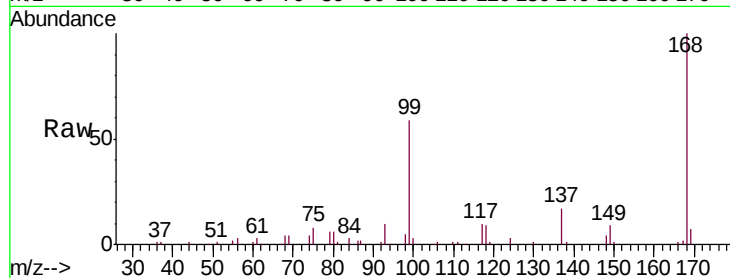
SS043MW010-200615

Tgt Ion:168 Resp: 144410

Ion Ratio Lower Upper

168 100

99 59.2 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

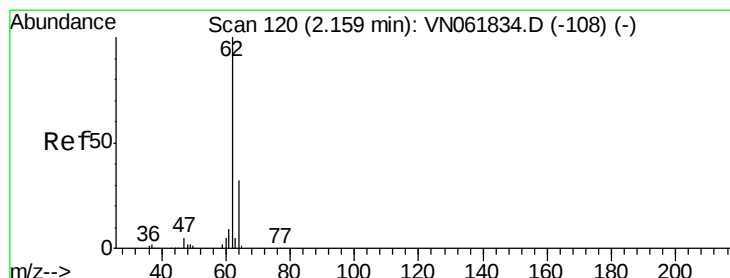
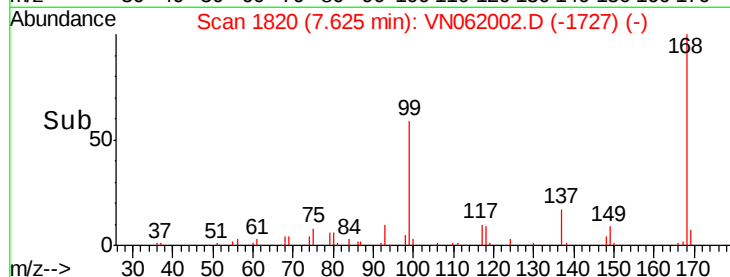
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 1.022 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062002.D

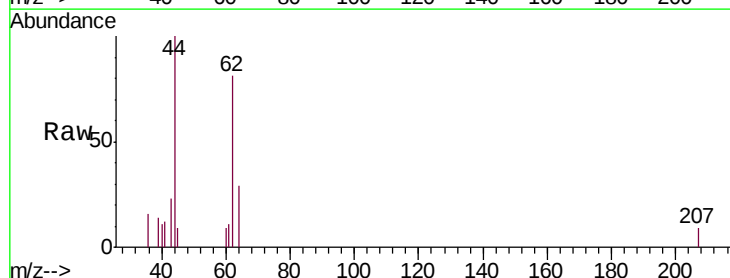
Acq: 22 Jun 2020 16:18

Tgt Ion: 62 Resp: 2441

Ion Ratio Lower Upper

62 100

64 36.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

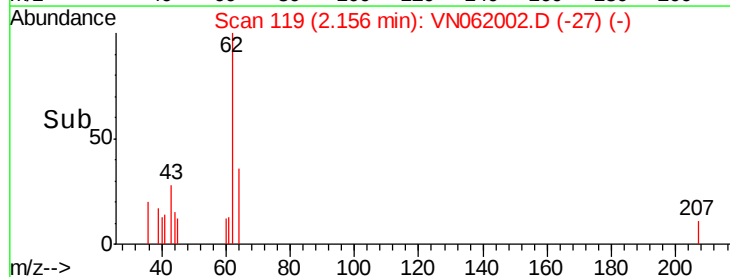
1500

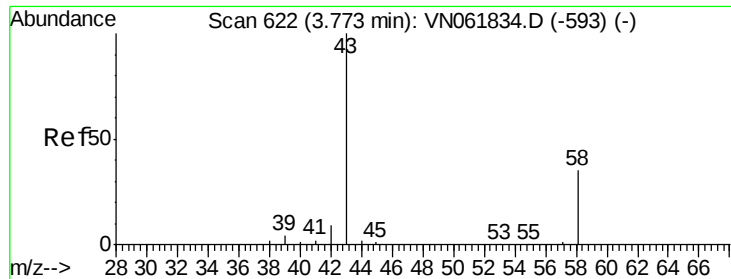
1000

500

0

Time--> 2.10 2.15 2.20





#16

Acetone

Concen: 4.454 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062002.D

Acq: 22 Jun 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

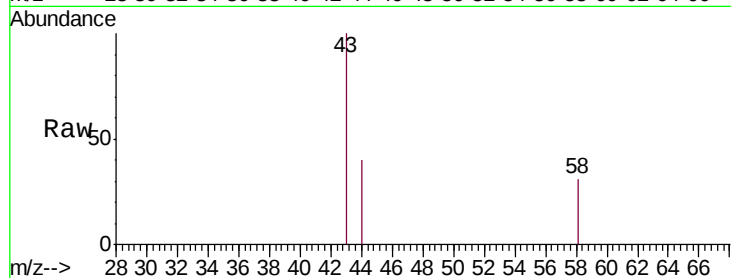
SS043MW010-200615

Tgt Ion: 43 Resp: 2548

Ion Ratio Lower Upper

43 100

58 31.2 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)

3.79

1000

800

600

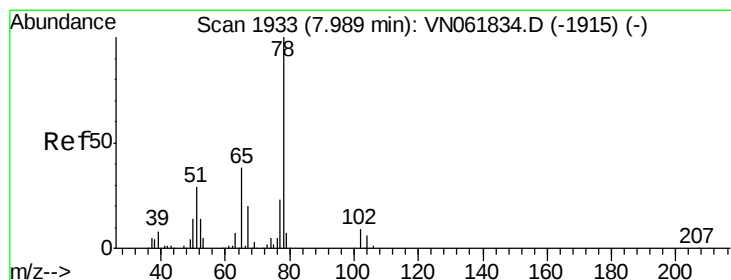
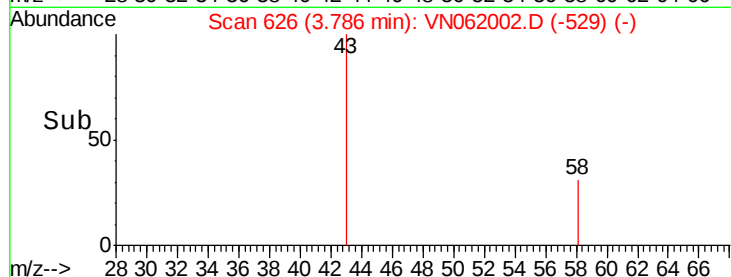
400

200

0

3.75 3.80 3.85

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.241 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062002.D

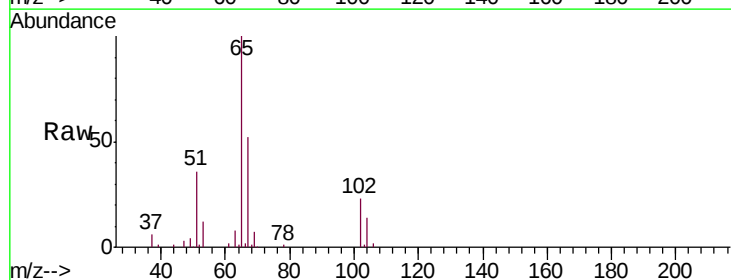
Acq: 22 Jun 2020 16:18

Tgt Ion: 65 Resp: 99242

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN061834.D (-1915) (-)

7.99

50000

40000

30000

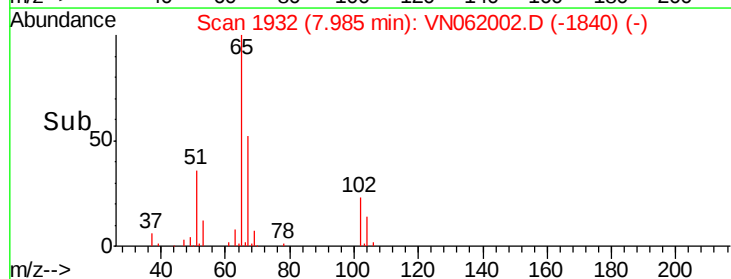
20000

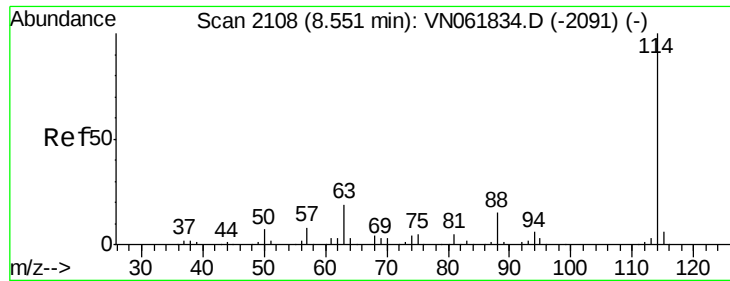
10000

0

7.90 7.95 8.00 8.05

Time-->

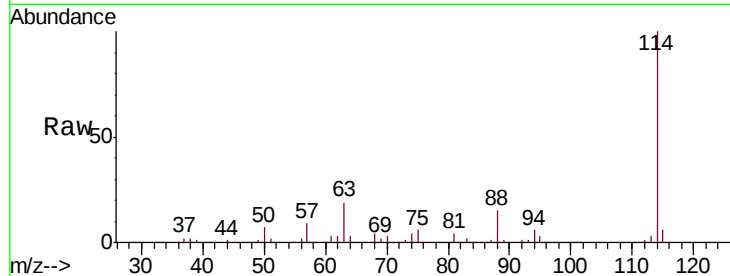




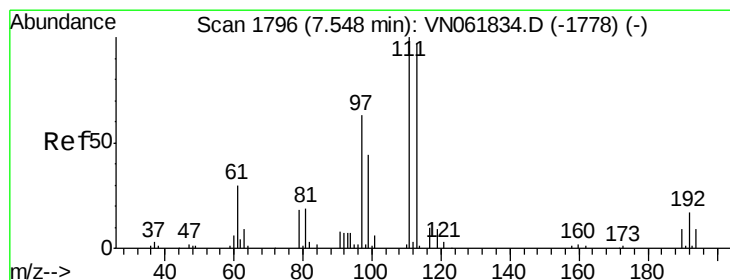
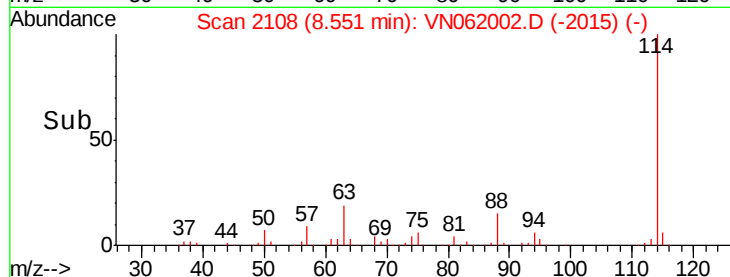
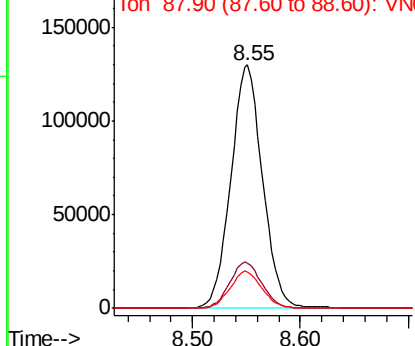
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062002.D
Acq: 22 Jun 2020 16:18

Instrument :
MSVOA_N
ClientSampleId :
SS043MW010-200615

Tgt Ion:114 Resp: 265761
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.6
88 14.9 0.0 31.0

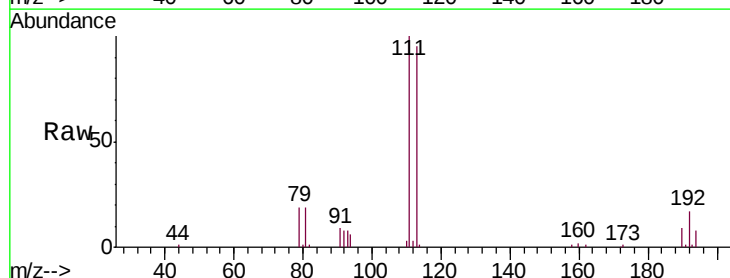


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

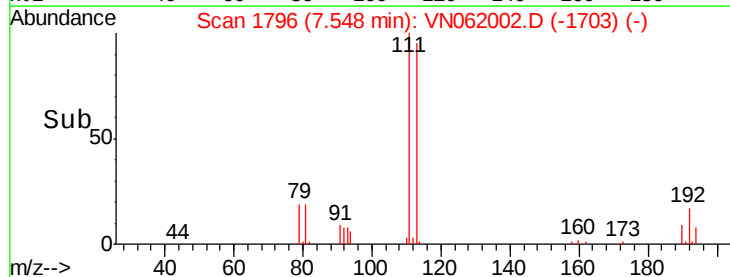
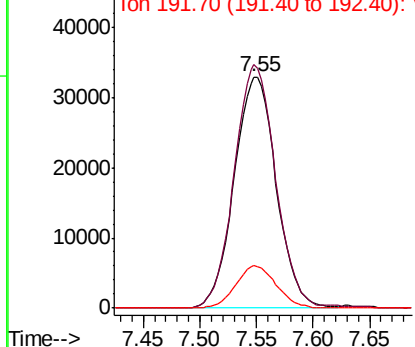


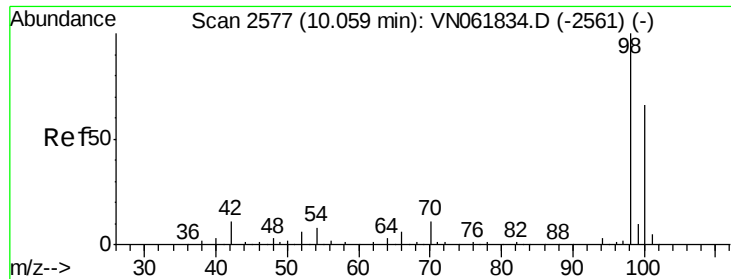
#35
Dibromofluoromethane
Concen: 50.101 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062002.D
Acq: 22 Jun 2020 16:18

Tgt Ion:113 Resp: 85181
Ion Ratio Lower Upper
113 100
111 104.2 83.7 125.5
192 17.6 13.9 20.9



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





#50

Toluene-d8

Concen: 50.291 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062002.D

Acq: 22 Jun 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

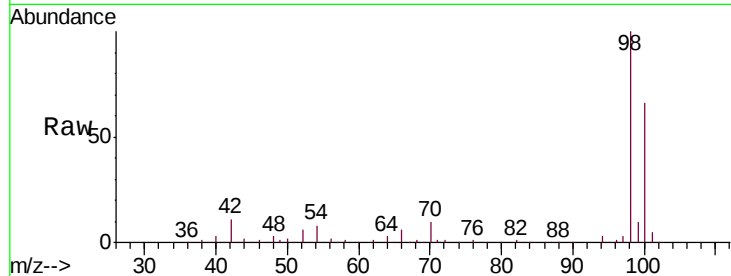
SS043MW010-200615

Tgt Ion: 98 Resp: 336153

Ion Ratio Lower Upper

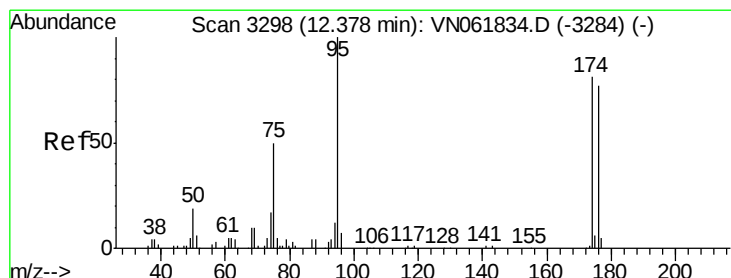
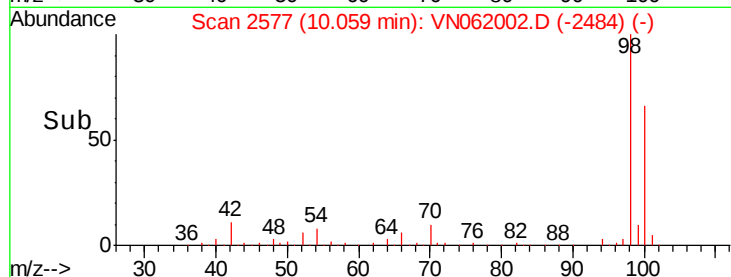
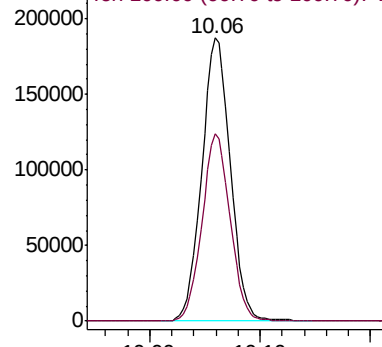
98 100

100 65.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 48.510 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062002.D

Acq: 22 Jun 2020 16:18

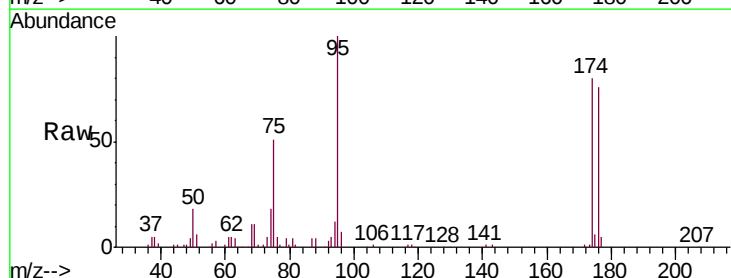
Tgt Ion: 95 Resp: 111223

Ion Ratio Lower Upper

95 100

174 79.0 0.0 158.6

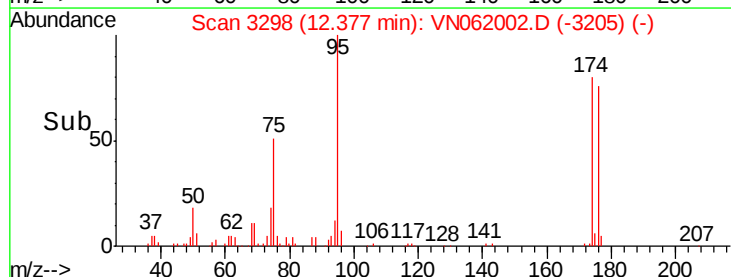
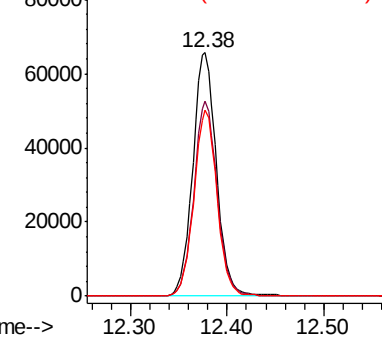
176 74.6 0.0 152.0

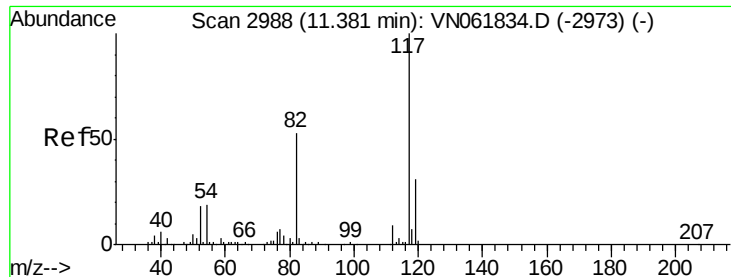


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

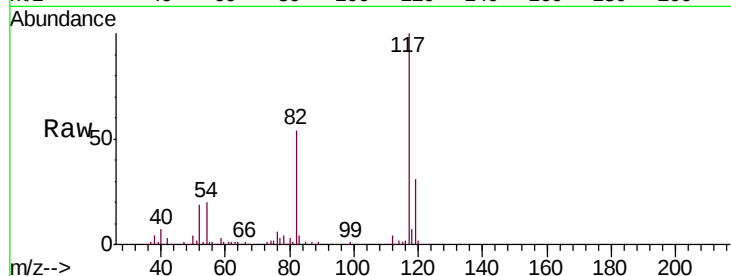




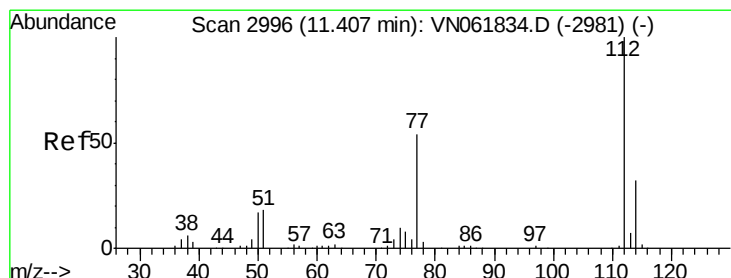
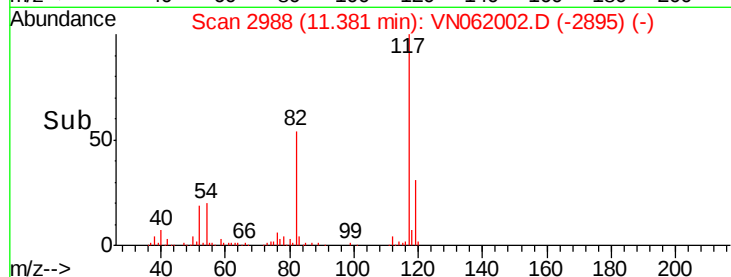
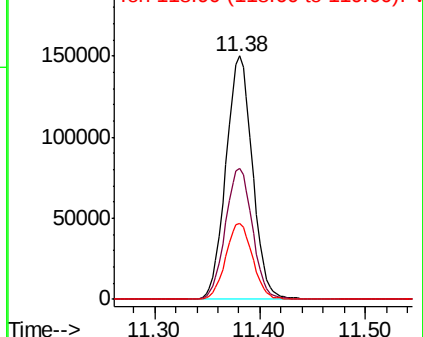
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062002.D
Acq: 22 Jun 2020 16:18

Instrument :
MSVOA_N
ClientSampleId :
SS043MW010-200615

Tgt Ion:117 Resp: 260365
Ion Ratio Lower Upper
117 100
82 54.0 42.6 64.0
119 31.3 24.7 37.1

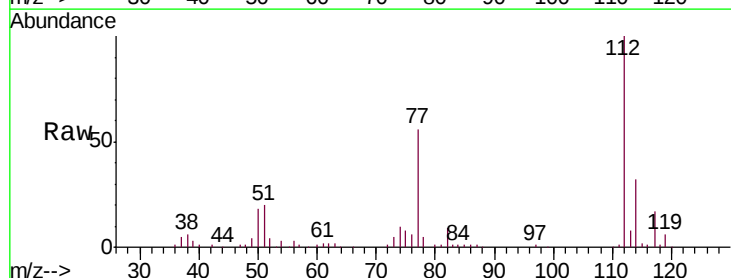


Abundance Ion 116.90 (116.60 to 117.60): V
200000 Ion 82.00 (81.70 to 82.70): VN
150000 Ion 118.90 (118.60 to 119.60): V

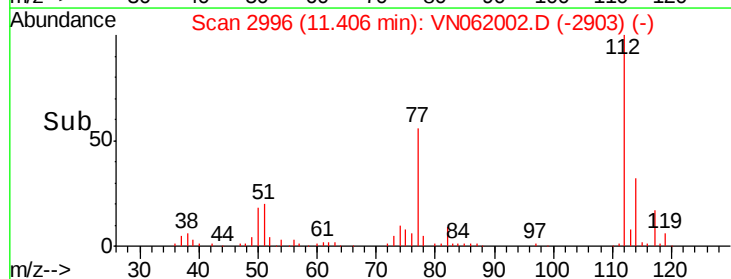
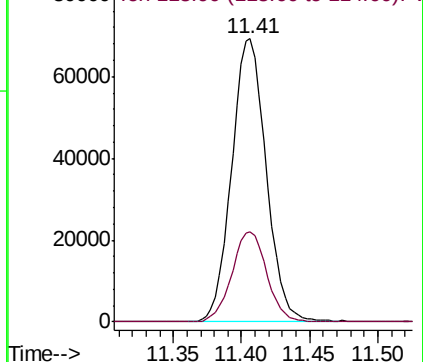


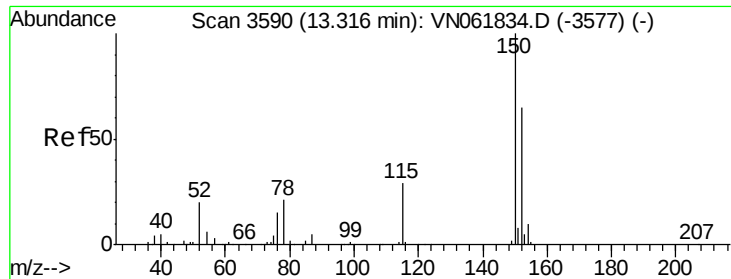
#65
Chlorobenzene
Concen: 22.164 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062002.D
Acq: 22 Jun 2020 16:18

Tgt Ion:112 Resp: 121766
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V
80000 Ion 113.90 (113.60 to 114.60): 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: VN062002.D

Acq: 22 Jun 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

SS043MW010-200615

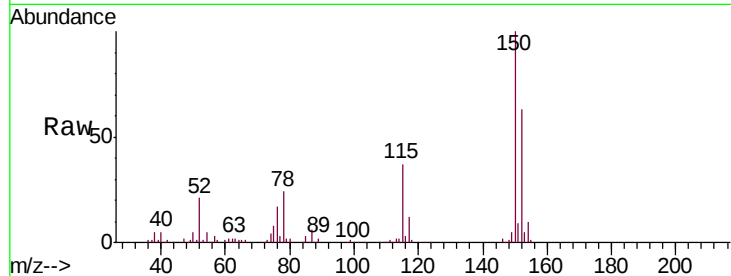
Tgt Ion:152 Resp: 99695

Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.3

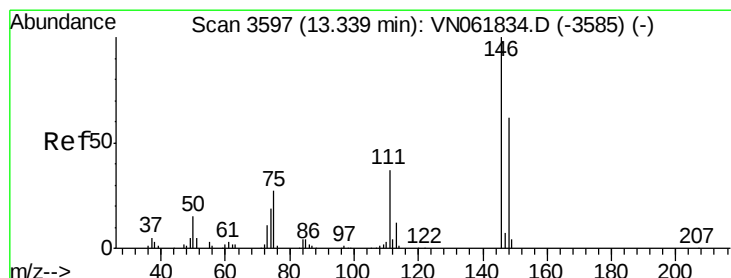
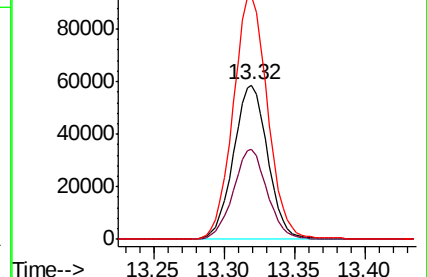
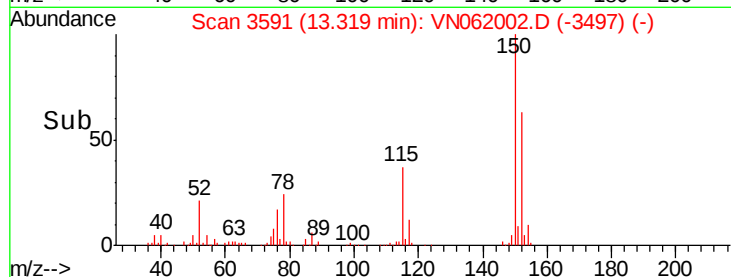
150 159.4 0.0 347.6



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



#88

1,4-Dichlorobenzene

Concen: 3.177 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062002.D

Acq: 22 Jun 2020 16:18

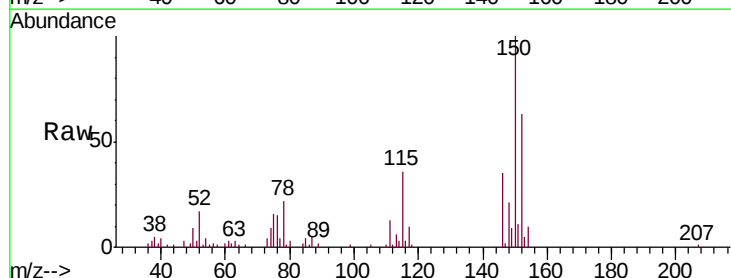
Tgt Ion:146 Resp: 10602

Ion Ratio Lower Upper

146 100

111 46.2 19.3 57.8

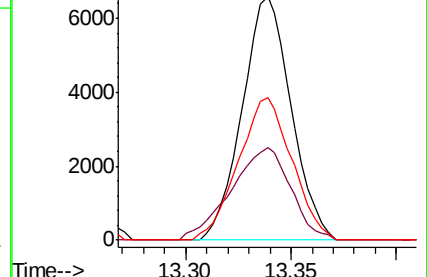
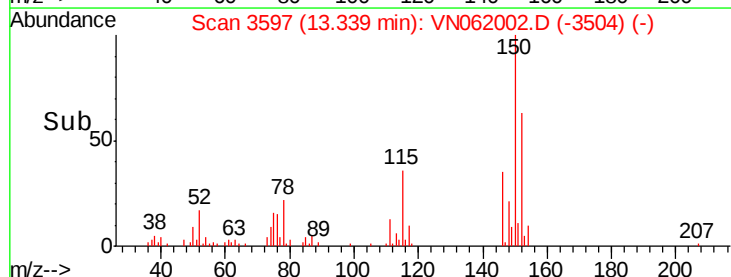
148 64.1 31.6 94.7

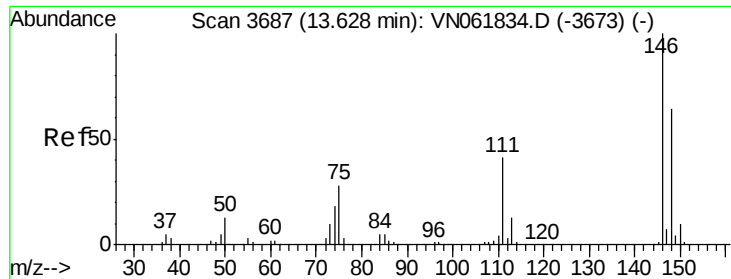


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 0.677 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062002.D

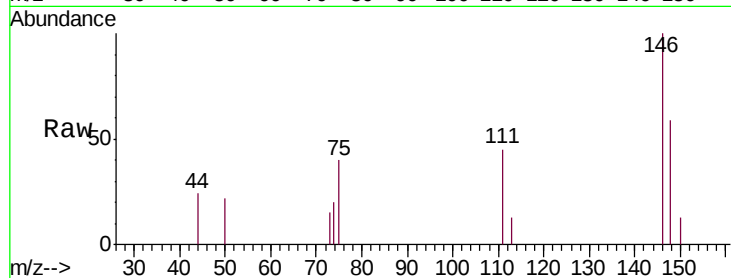
Acq: 22 Jun 2020 16:18

Instrument :

MSVOA_N

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SS043MW010-200615



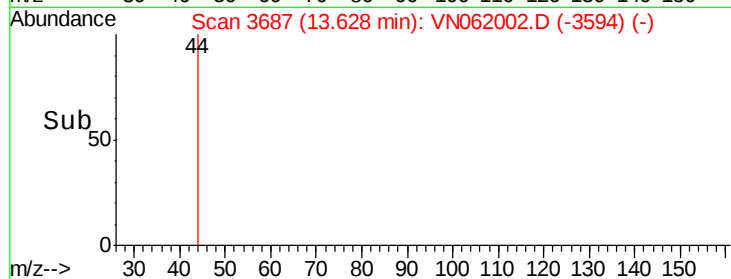
Tgt Ion:146 Resp: 2125

Ion Ratio Lower Upper

146 100

111 41.3 20.4 61.2

148 62.5 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

