

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061960.D
 Acq On : 19 Jun 2020 18:23
 Operator : JC/MD
 Sample : L3033-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW010-200615

Quant Time: Jun 22 01:08:42 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

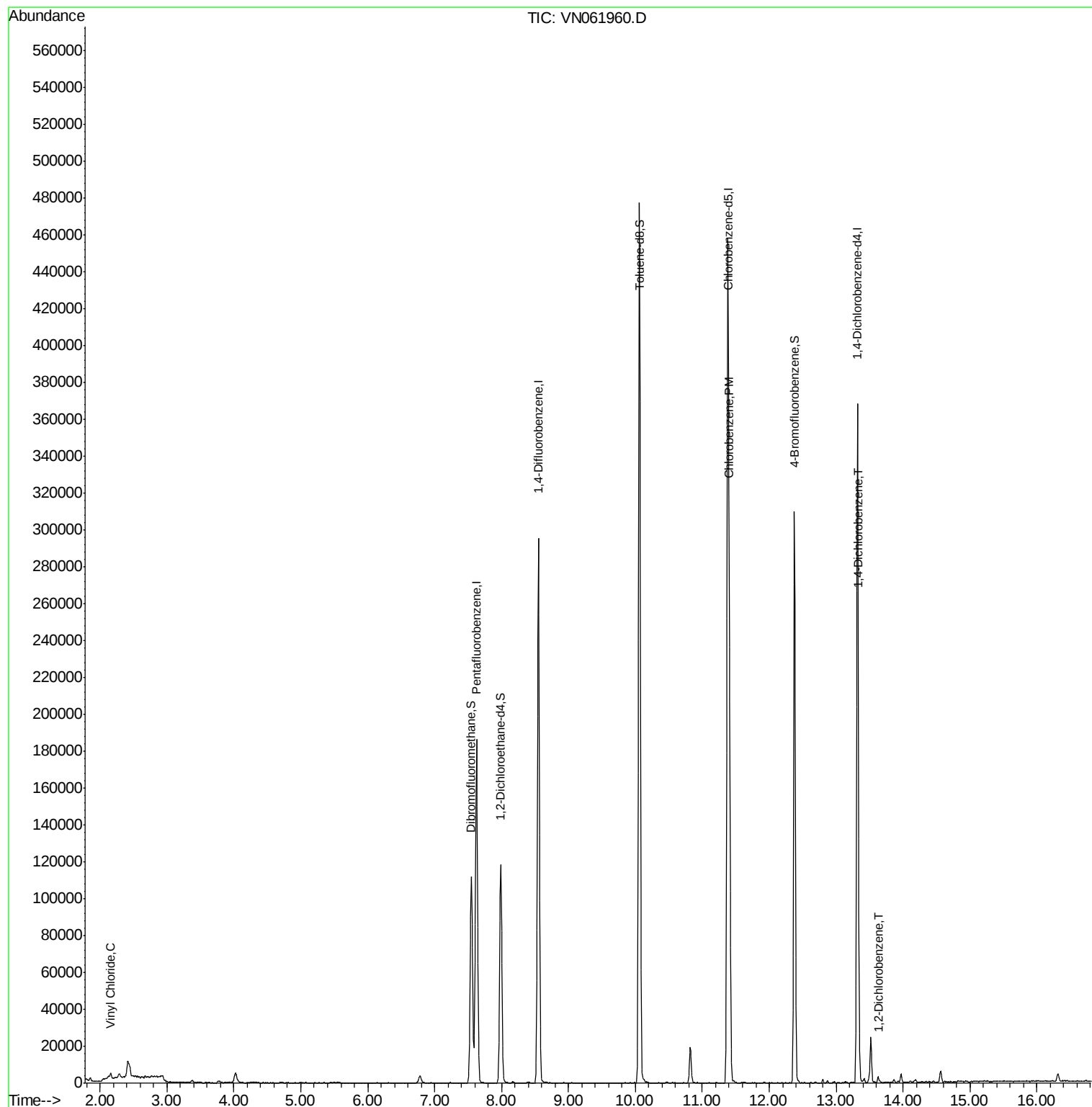
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	146166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	269504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	261257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	98974	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	99083	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
35) Dibromofluoromethane	7.55	113	87398	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.06	98	338478	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.38	95	109116	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
Target Compounds						
4) Vinyl Chloride	2.16	62	1906	0.788	ug/l #	88
65) Chlorobenzene	11.41	112	115590	20.968	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	9339	2.819	ug/l	86
91) 1,2-Dichlorobenzene	13.63	146	1561	0.501	ug/l	95

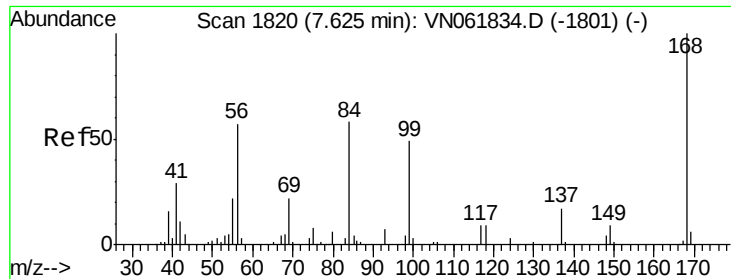
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061960.D

Acq: 19 Jun 2020 18:23

Instrument :

MSVOA_N

ClientSampleId :

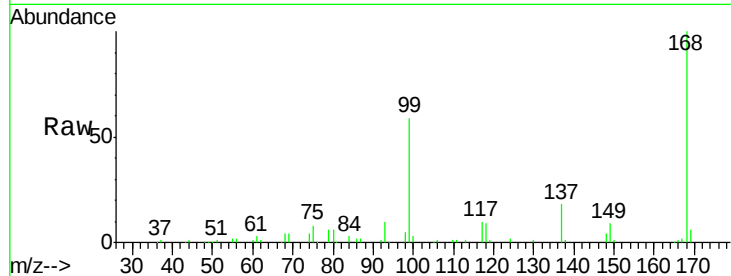
SS043MW010-200615

Tot Ion:168 Resp: 146166

Ion Ratio Lower Upper

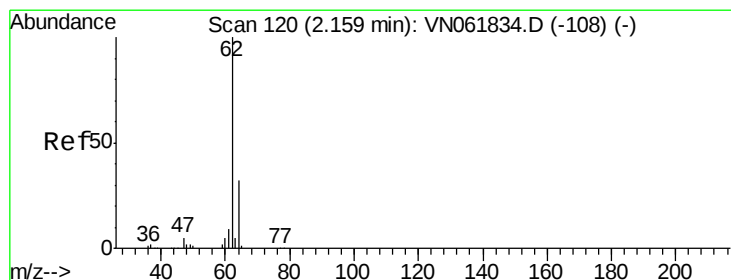
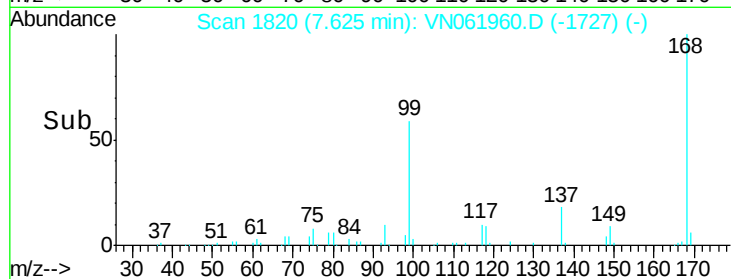
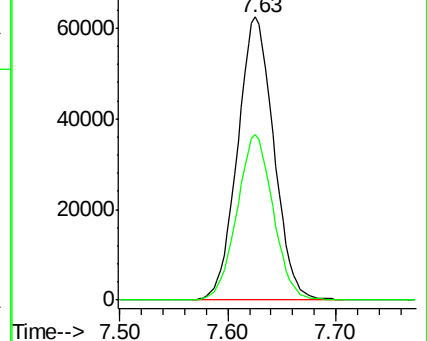
168 100

99 58.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 0.788 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061960.D

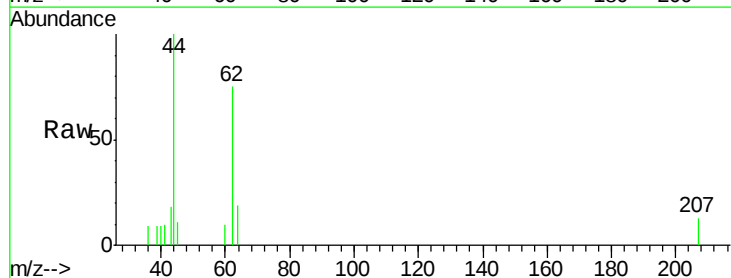
Acq: 19 Jun 2020 18:23

Tgt Ion: 62 Resp: 1906

Ion Ratio Lower Upper

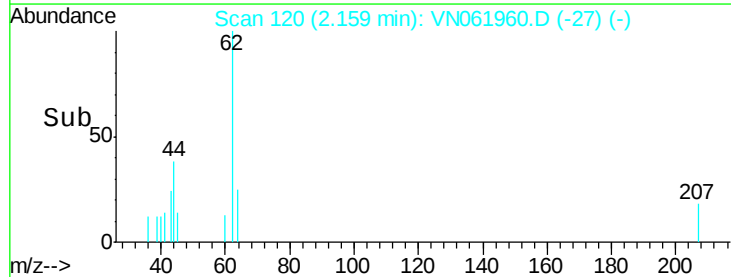
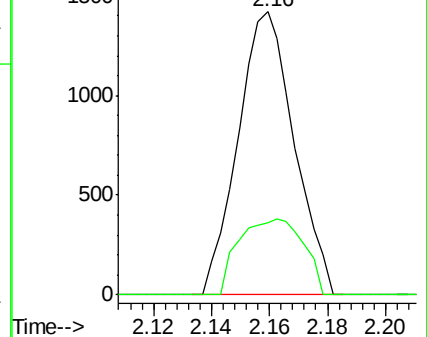
62 100

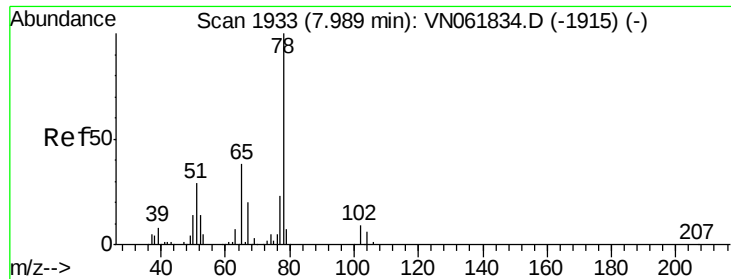
64 25.3 25.5 38.3#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 50.545 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061960.D

Acq: 19 Jun 2020 18:23

Instrument :

MSVOA_N

ClientSampleId :

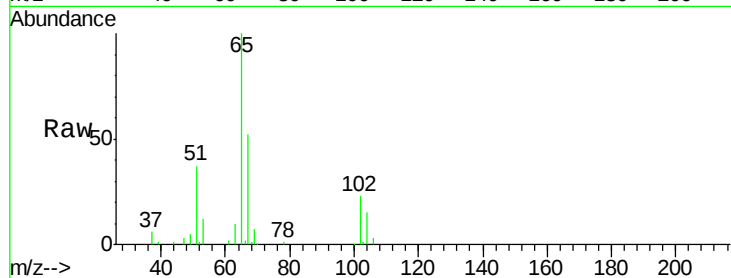
SS043MW010-200615

Tot Ion: 65 Resp: 99083

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.2

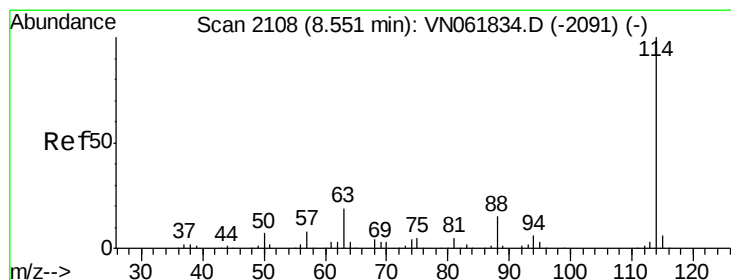
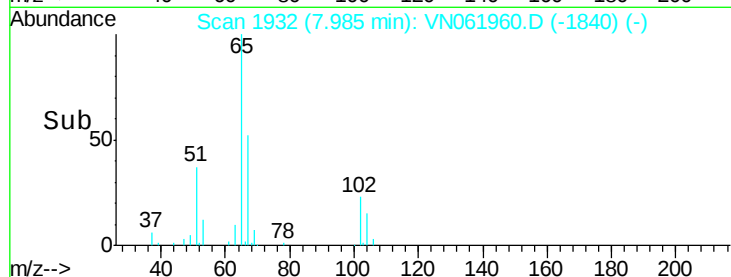


Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

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

7.99

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061960.D

Acq: 19 Jun 2020 18:23

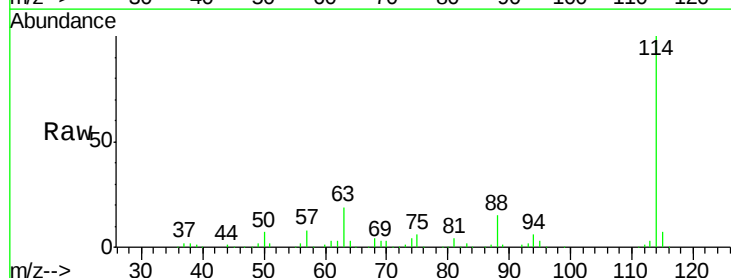
Tgt Ion: 114 Resp: 269504

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.6

88 15.1 0.0 31.0



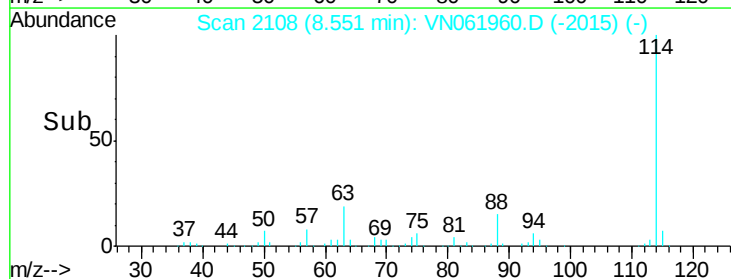
Abundance Ion 113.90 (113.60 to 114.60): VN061834.D (-2091) (-)

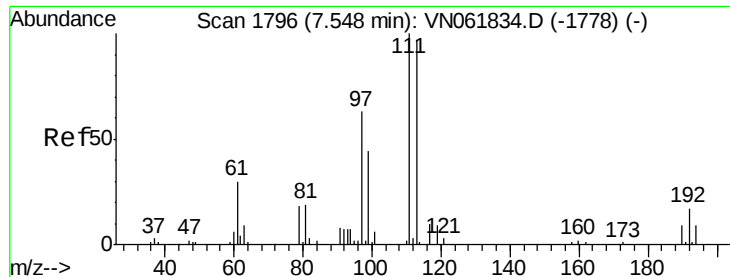
Ion 63.00 (62.70 to 63.70): VN061834.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN061834.D (-2091) (-)

8.55

Time-->

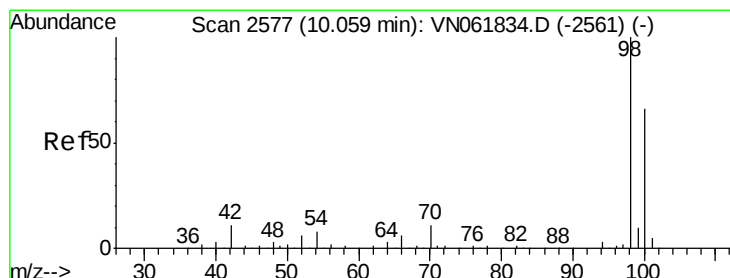
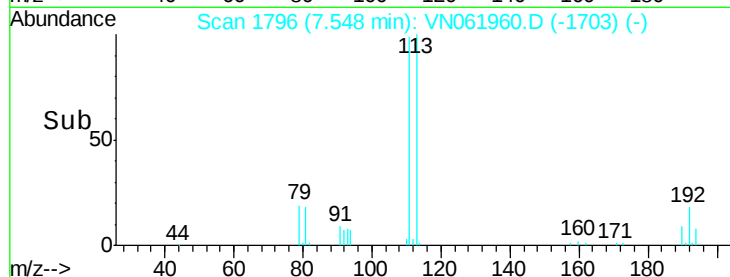
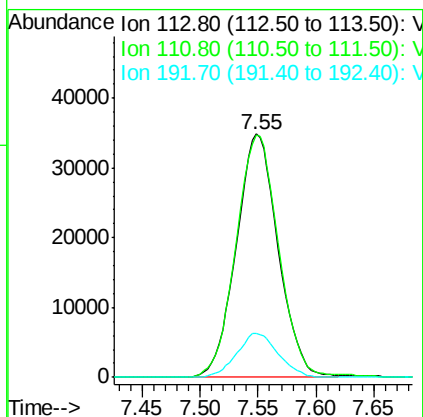
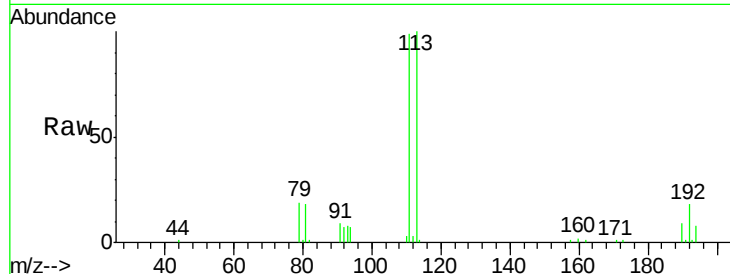




#35
 Dibromofluoromethane
 Concen: 50.691 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061960.D
 Acq: 19 Jun 2020 18:23

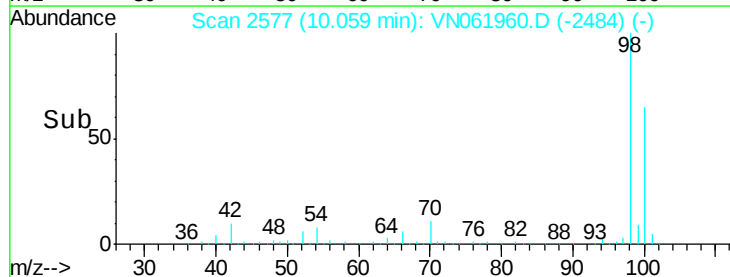
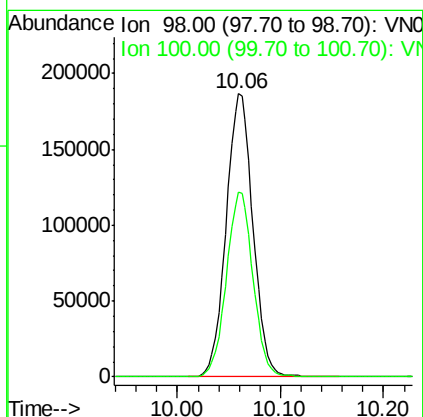
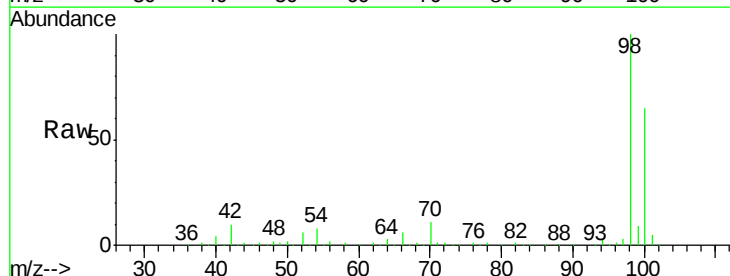
Instrument :
 MSVOA_N
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 SS043MW010-200615

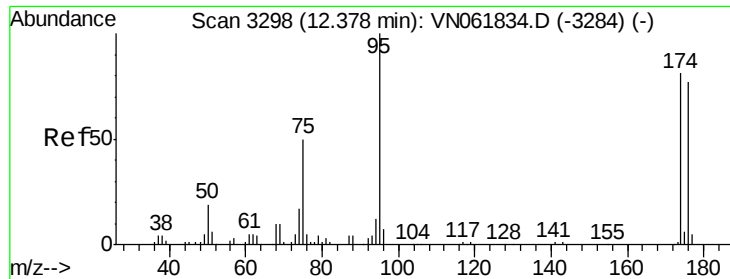
Tot Ion:113 Resp: 87398
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.7 125.5
 192 18.0 13.9 20.9



#50
 Toluene-d8
 Concen: 49.935 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN061960.D
 Acq: 19 Jun 2020 18:23

Tgt Ion: 98 Resp: 338478
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.7 79.1

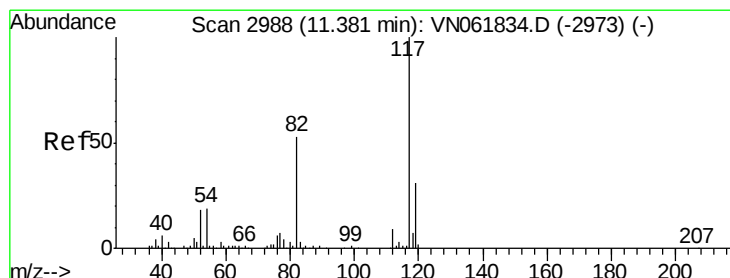
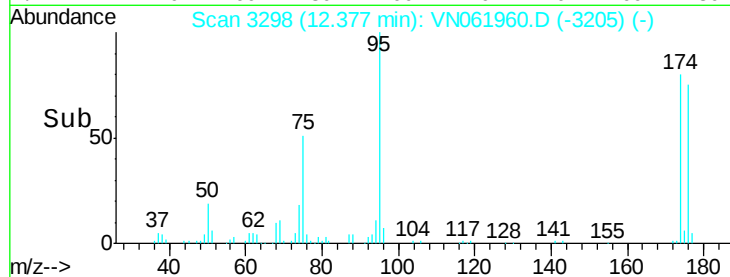
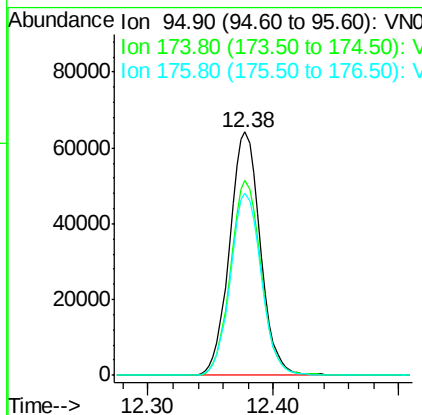
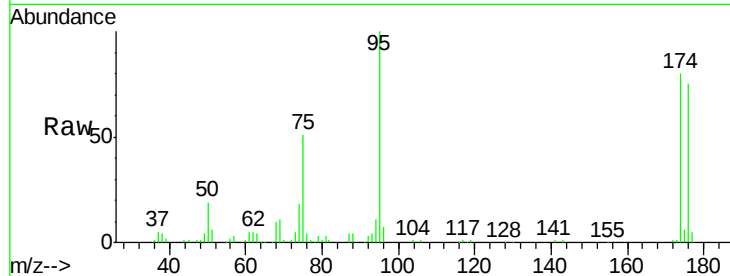




#62
 4-Bromofluorobenzene
 Concen: 46.930 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061960.D
 Acq: 19 Jun 2020 18:23

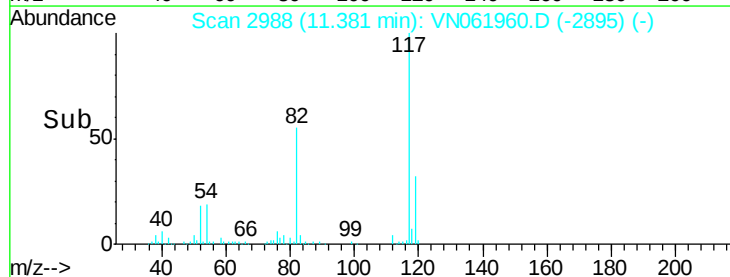
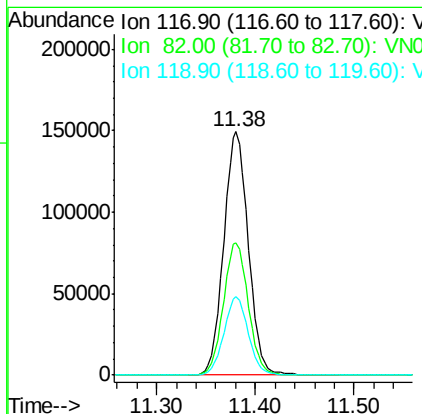
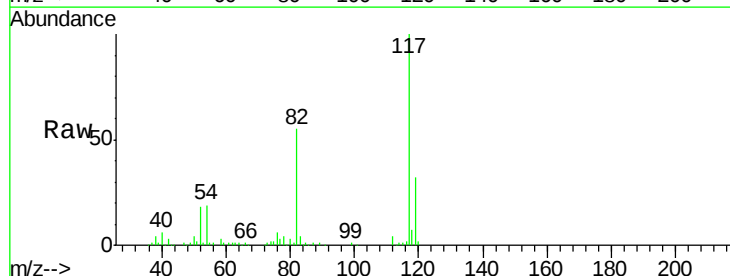
Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW010-200615

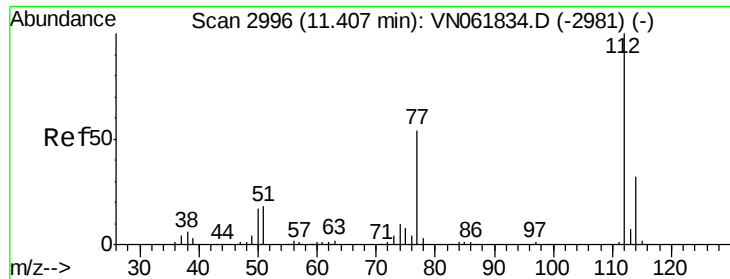
Tot Ion: 95 Resp: 109116
 Ion Ratio Lower Upper
 95 100
 174 79.6 0.0 158.6
 176 75.5 0.0 152.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN061960.D
 Acq: 19 Jun 2020 18:23

Tgt Ion: 117 Resp: 261257
 Ion Ratio Lower Upper
 117 100
 82 54.6 42.6 64.0
 119 32.2 24.7 37.1





#65

Chlorobenzene

Concen: 20.968 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN061960.D

Acq: 19 Jun 2020 18:23

Instrument :

MSVOA_N

ClientSampleId :

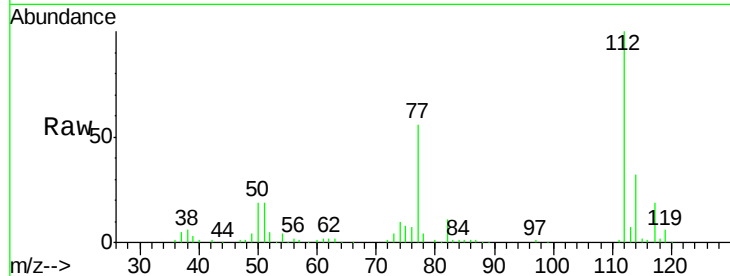
SS043MW010-200615

Tot Ion:112 Resp: 115590

Ion Ratio Lower Upper

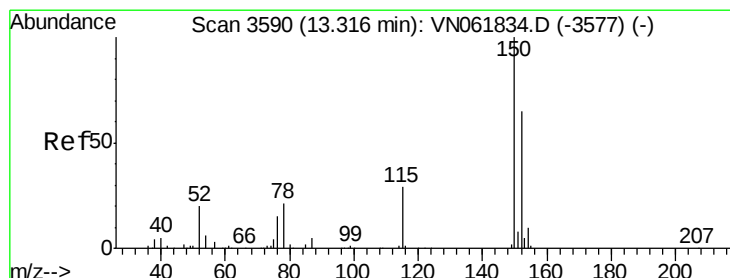
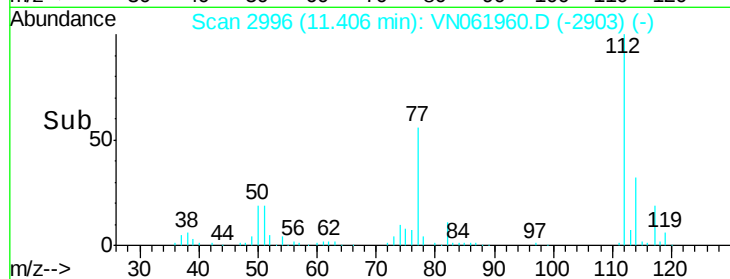
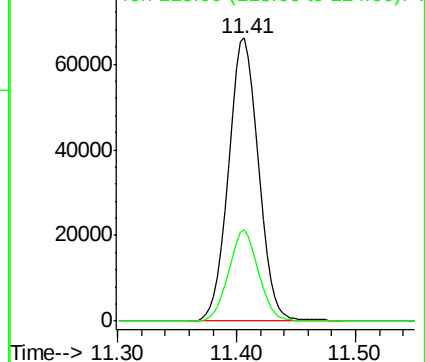
112 100

114 32.2 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

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: VN061960.D

Acq: 19 Jun 2020 18:23

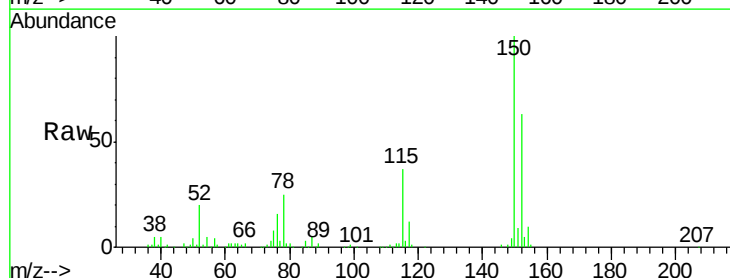
Tgt Ion:152 Resp: 98974

Ion Ratio Lower Upper

152 100

115 59.0 29.1 87.3

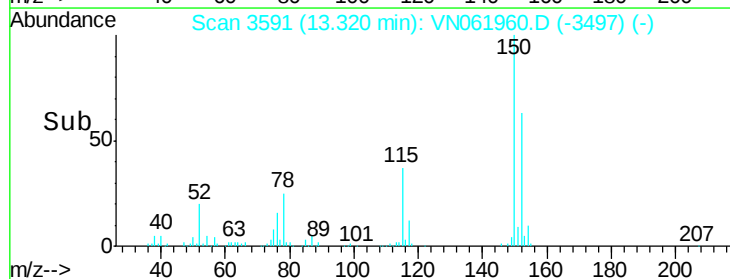
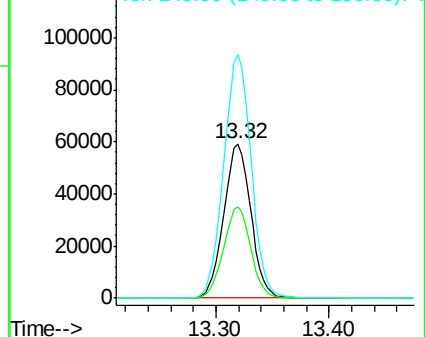
150 159.5 0.0 347.6

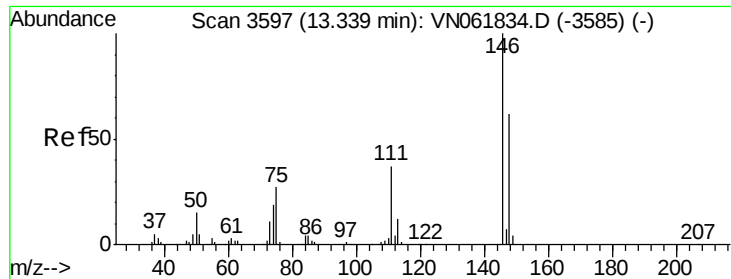


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

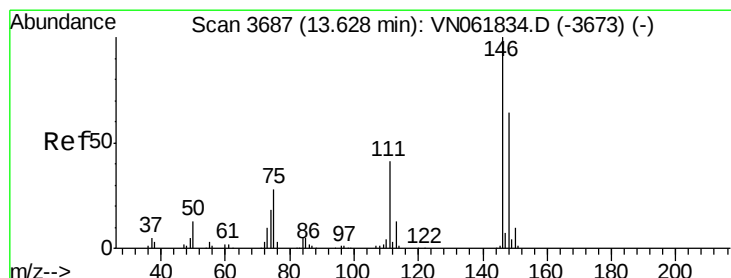
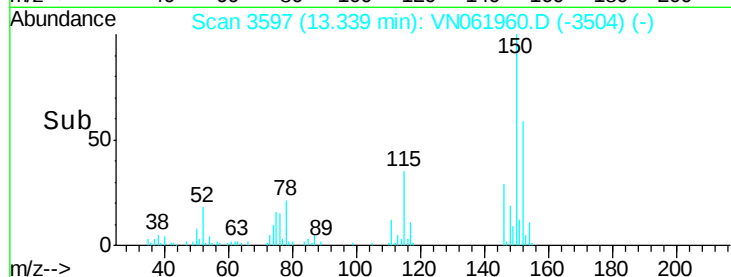
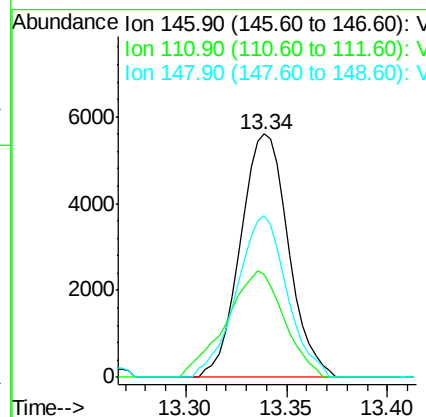
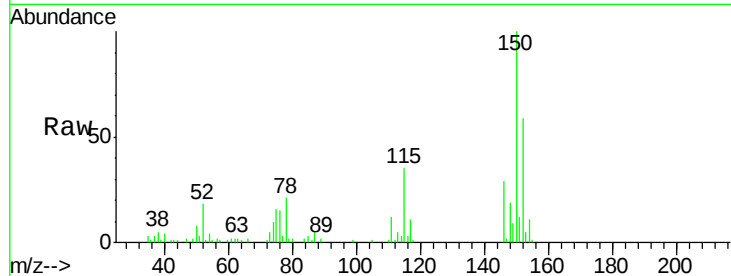




#88
 1,4-Dichlorobenzene
 Concen: 2.819 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061960.D
 Acq: 19 Jun 2020 18:23

Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW010-200615

Tot Ion:146 Resp: 9339
 Ion Ratio Lower Upper
 146 100
 111 52.3 19.3 57.8
 148 69.6 31.6 94.7



#91
 1,2-Dichlorobenzene
 Concen: 0.501 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061960.D
 Acq: 19 Jun 2020 18:23

Tgt Ion:146 Resp: 1561
 Ion Ratio Lower Upper
 146 100
 111 48.0 20.4 61.2
 148 62.4 31.8 95.4

