

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
 Data File : VN061665.D
 Acq On : 5 Jun 2020 13:34
 Operator : JC/MD
 Sample : L2904-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-1-2

Quant Time: Jun 06 03:20:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	302916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	518005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	503694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	226868	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	171552	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
35) Dibromofluoromethane	7.55	113	149856	57.03	ug/l	0.00
Spiked Amount			Recovery	=	114.06%	
50) Toluene-d8	10.06	98	619449	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.38	95	224784	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	

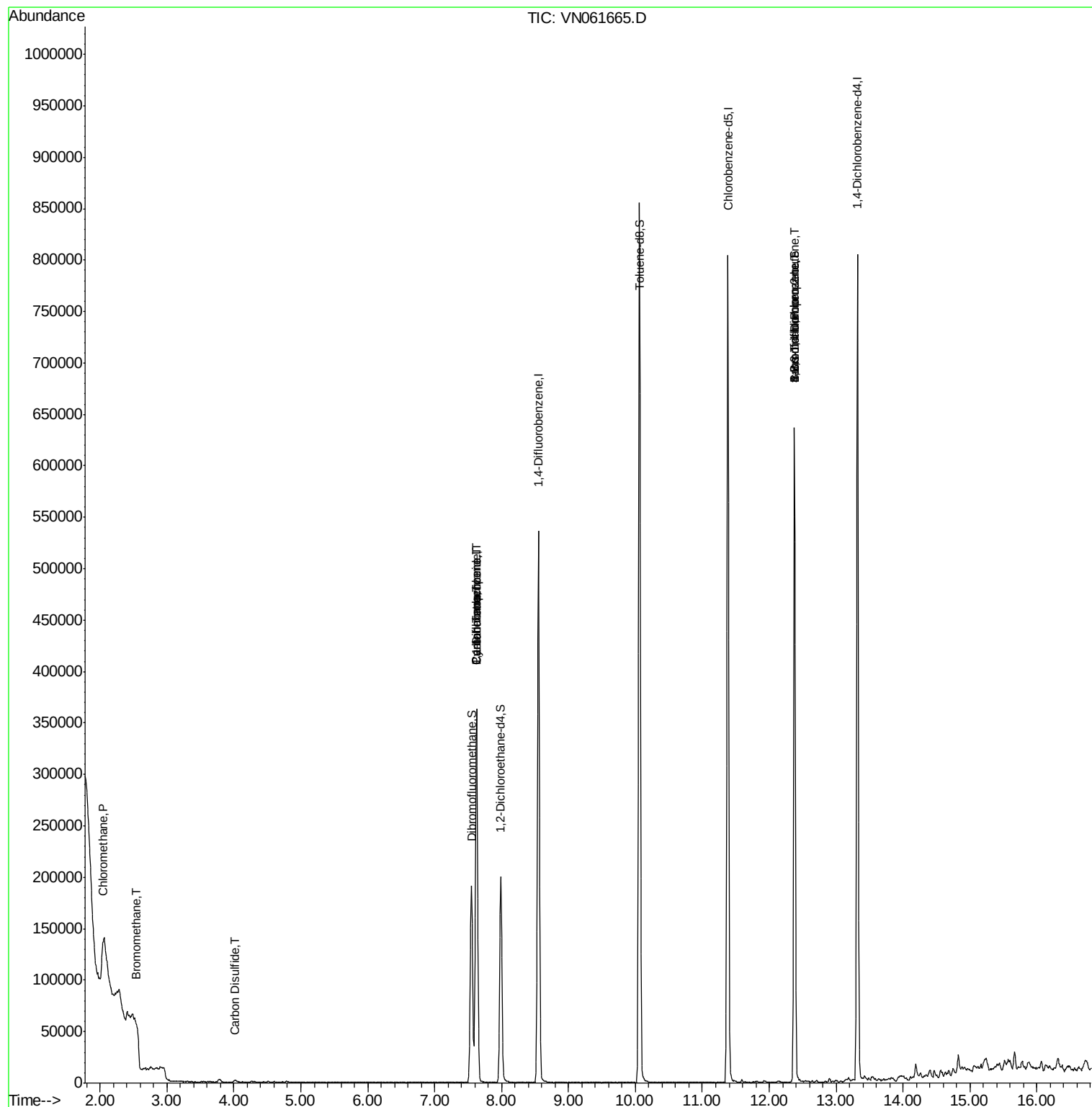
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1236	0.33	ug/l	97
5) Bromomethane	2.55	94	984	0.34	ug/l	# 58
16) Acetone	3.79	43	4862	Below	Cal	100
17) Carbon Disulfide	4.01	76	2775	0.41	ug/l	# 74
20) Methylene Chloride	4.51	84	182	Below	Cal	# 27
31) Cyclohexane	7.63	56	5508	1.08	ug/l	# 1
36) 1,1-Dichloropropene	7.63	75	21326	4.65	ug/l	# 48
38) Carbon Tetrachloride	7.63	117	29227	6.61	ug/l	# 15
71) Bromoform	12.38	173	1716	0.57	ug/l	# 1
76) 1,2,3-Trichloropropane	12.38	75	109670	26.58	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.38	75	109670	67.98	ug/l	# 15

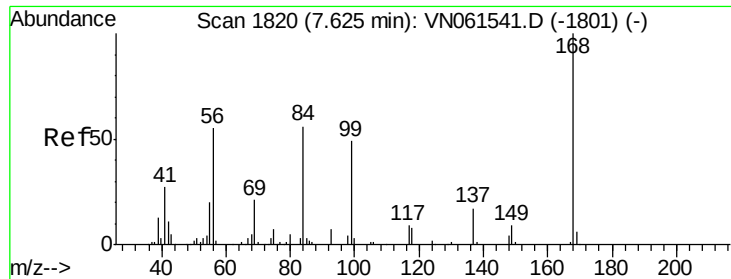
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061665.D

Acq: 5 Jun 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

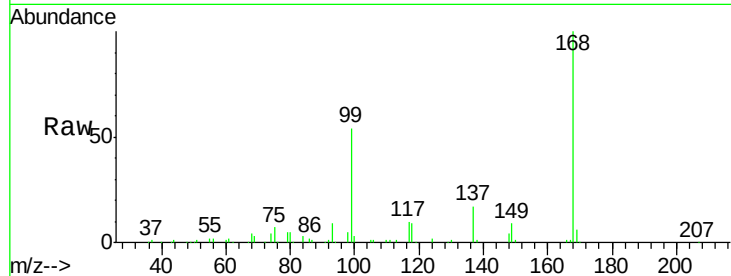
VE-1-2

Tgt Ion: 168 Resp: 302916

Ion Ratio Lower Upper

168 100

99 53.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

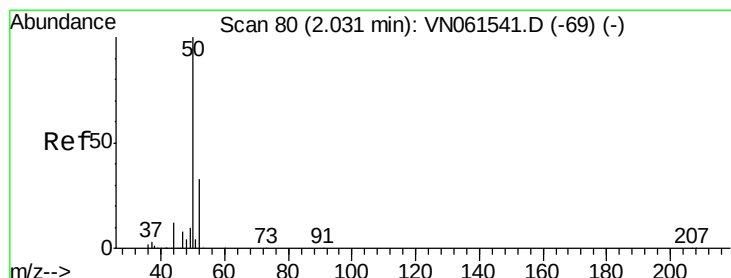
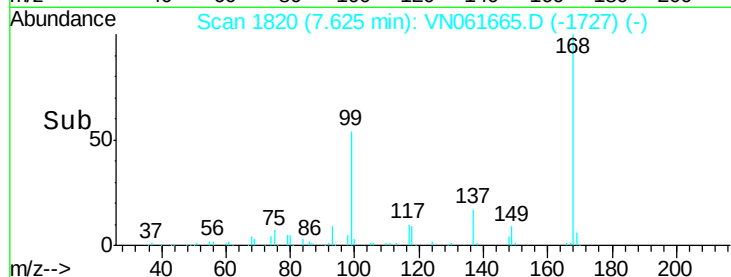
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.33 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: VN061665.D

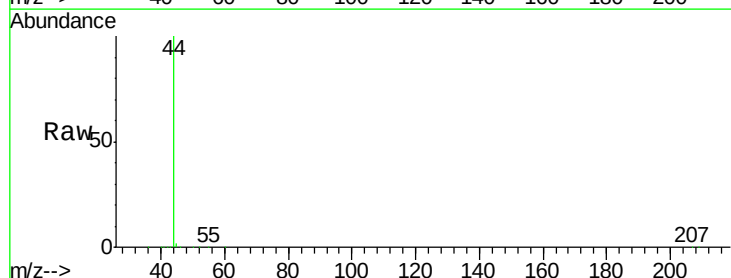
Acq: 5 Jun 2020 13:34

Tgt Ion: 50 Resp: 1236

Ion Ratio Lower Upper

50 100

52 35.0 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

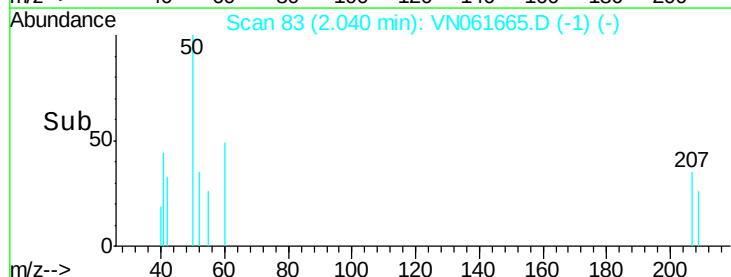
600

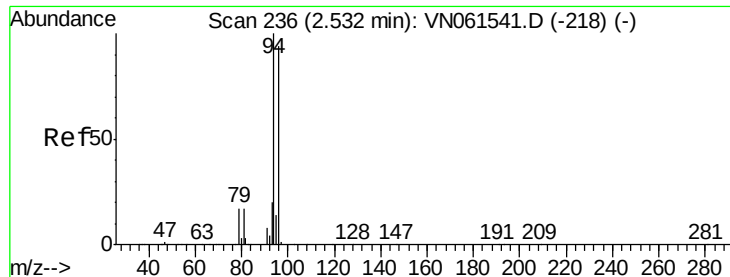
400

200

0

Time-->





#5

Bromomethane

Concen: 0.34 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.02 min

Lab File: VN061665.D

Acq: 5 Jun 2020 13:34

Instrument :

MSVOA_N

ClientSampled :

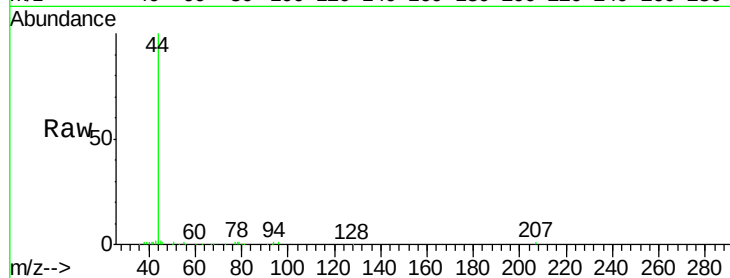
VE-1-2

Tgt Ion: 94 Resp: 984

Ion Ratio Lower Upper

94 100

96 53.1 74.8 112.2#

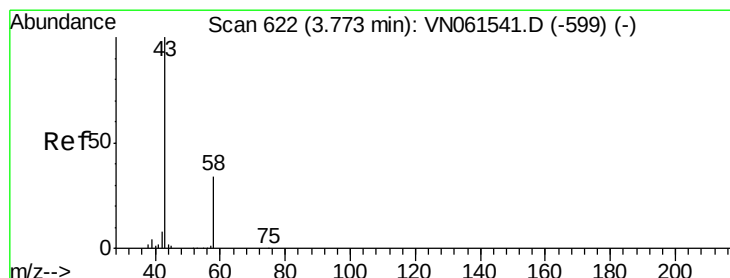
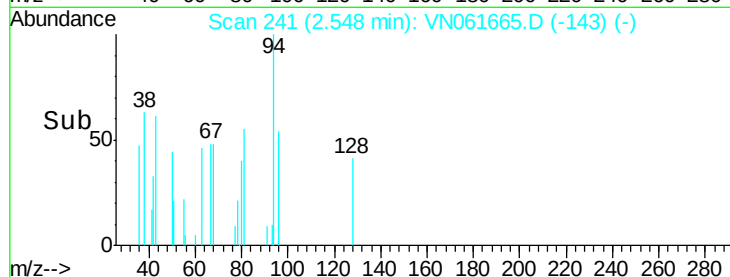


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061665.D

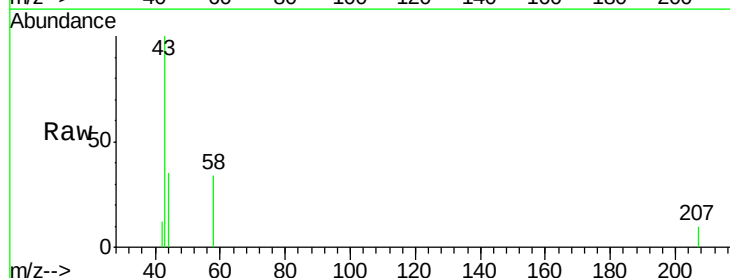
Acq: 5 Jun 2020 13:34

Tgt Ion: 43 Resp: 4862

Ion Ratio Lower Upper

43 100

58 34.1 27.2 40.8

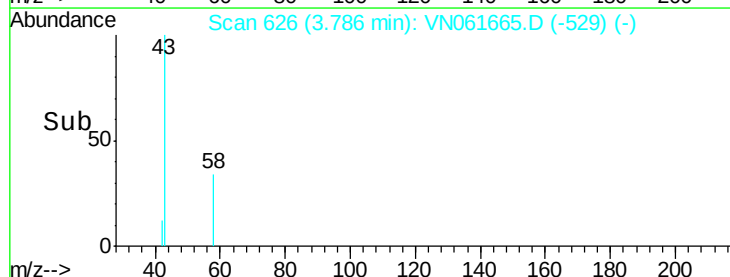


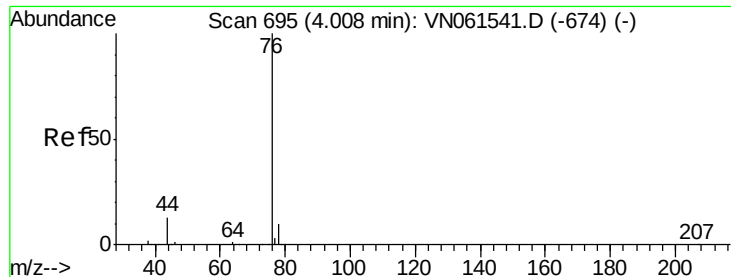
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

Time-->





#17

Carbon Disulfide

Concen: 0.41 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN061665.D

Acq: 5 Jun 2020 13:34

Instrument :

MSVOA_N

ClientSampled :

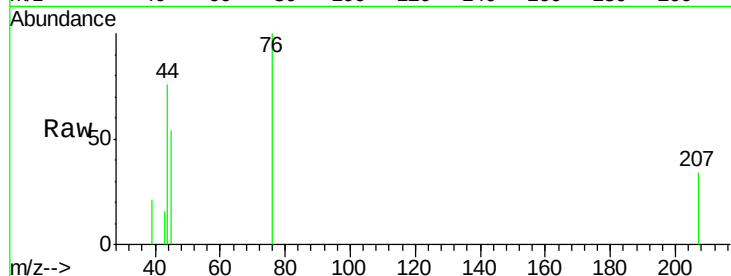
VE-1-2

Tgt Ion: 76 Resp: 2775

Ion Ratio Lower Upper

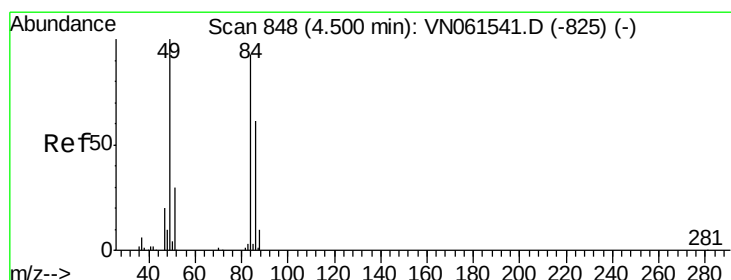
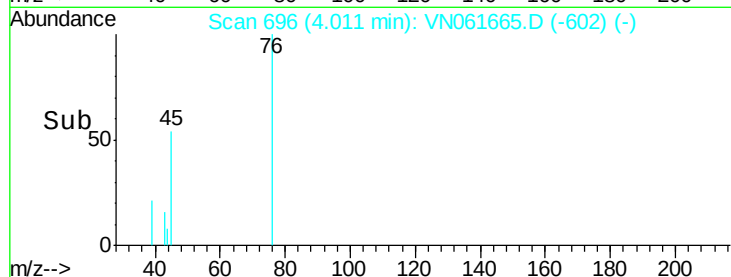
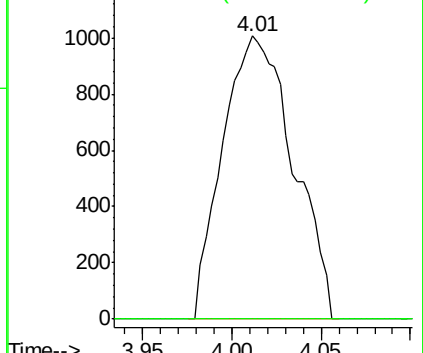
76 100

78 0.0 7.8 11.6#



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.51 min Scan# 850

Delta R.T. 0.01 min

Lab File: VN061665.D

Acq: 5 Jun 2020 13:34

Tgt Ion: 84 Resp: 182

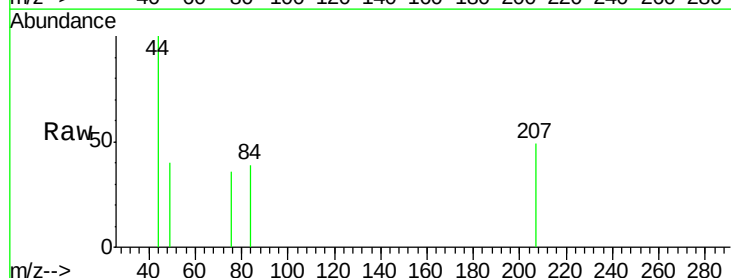
Ion Ratio Lower Upper

84 100

49 32.1 85.8 128.8#

51 0.0 26.2 39.2#

86 0.0 52.6 78.8#

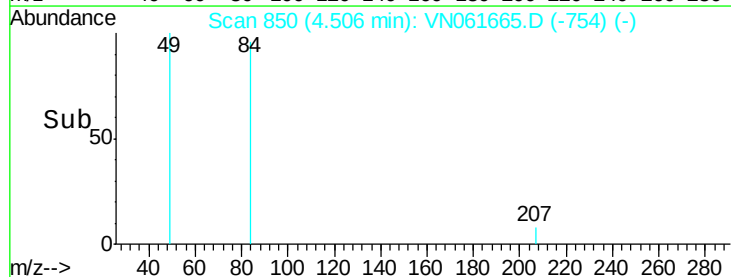
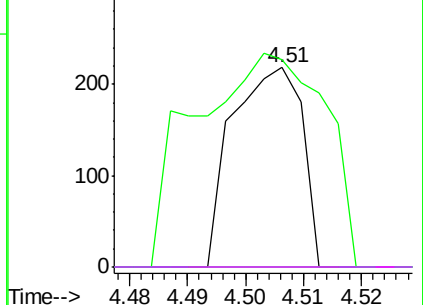


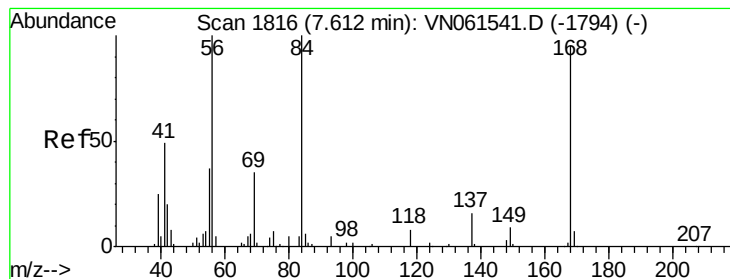
Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC





#31

Cyclohexane

Concen: 1.08 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN061665.D

Acq: 5 Jun 2020 13:34

Instrument :

MSVOA_N

ClientSampled :

VE-1-2

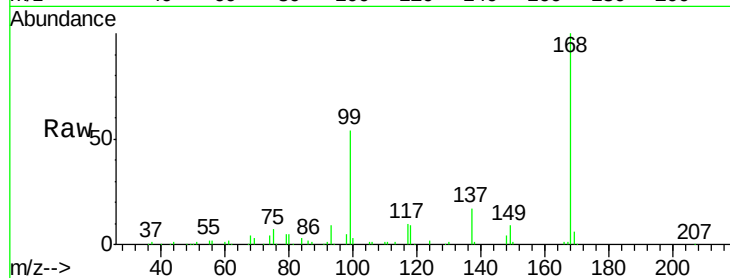
Tgt Ion: 56 Resp: 5508

Ion Ratio Lower Upper

56 100

69 173.6 27.8 41.8#

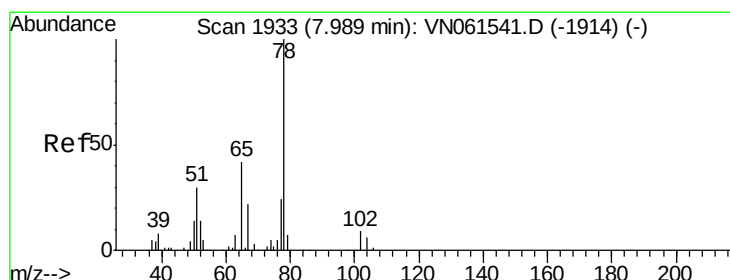
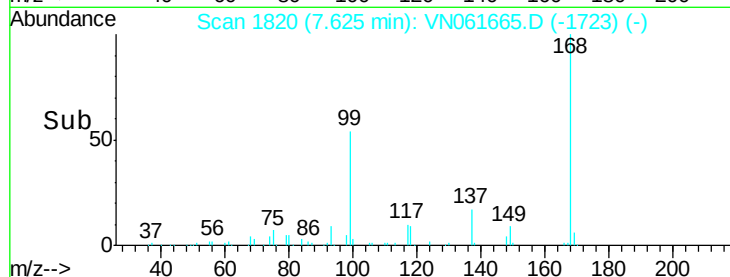
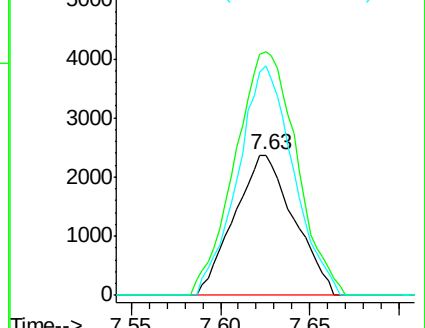
84 163.7 79.9 119.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.53 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061665.D

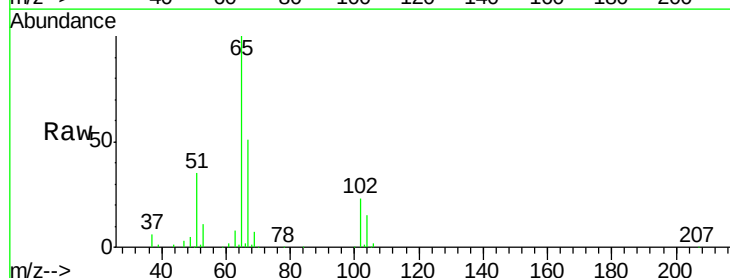
Acq: 5 Jun 2020 13:34

Tgt Ion: 65 Resp: 171552

Ion Ratio Lower Upper

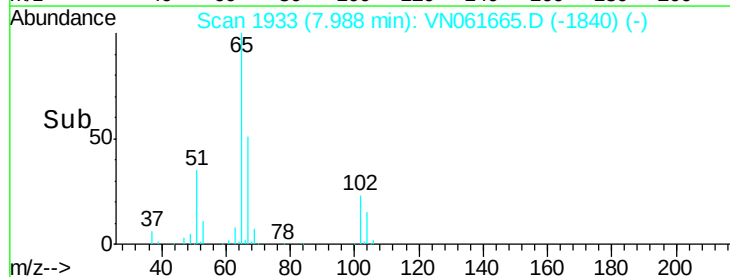
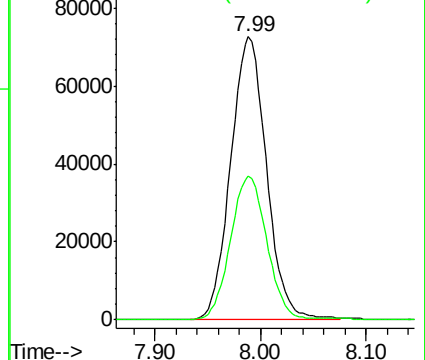
65 100

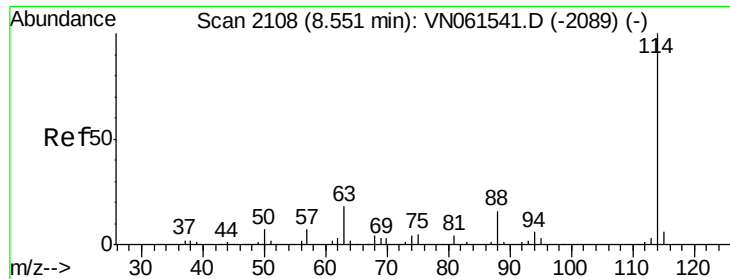
67 52.1 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

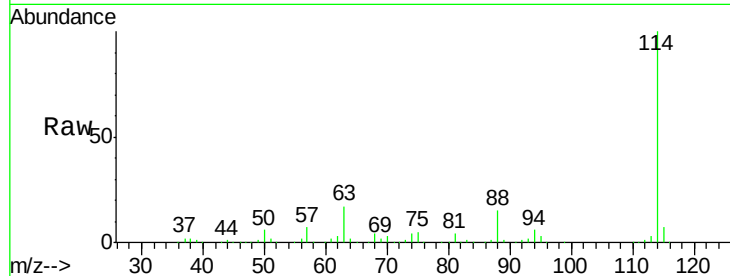




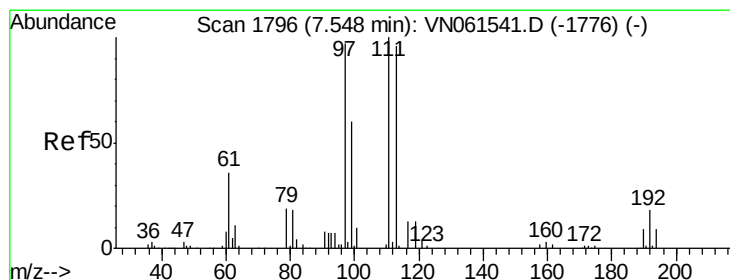
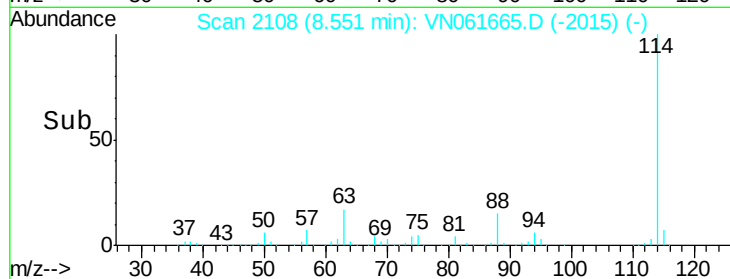
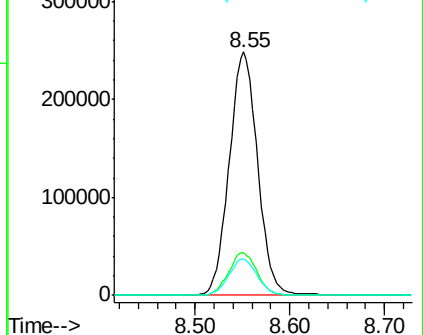
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061665.D
 Acq: 5 Jun 2020 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-1-2

Tgt Ion:114 Resp: 518005
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.8
 88 14.8 0.0 31.0

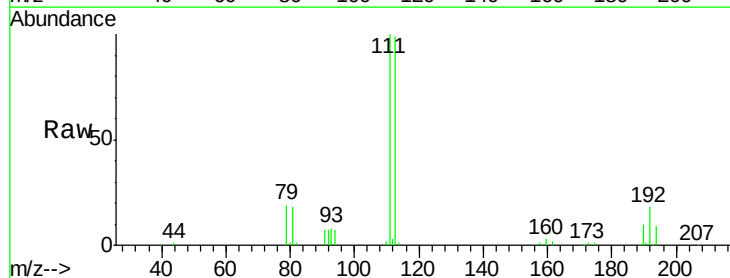


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

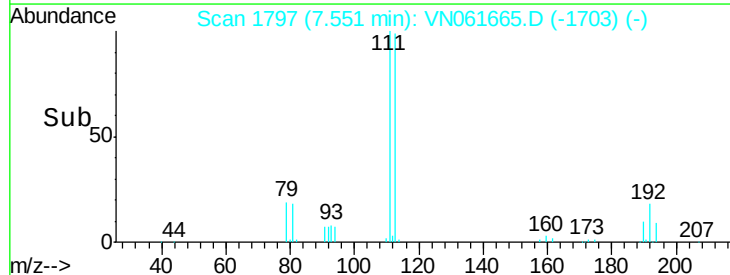
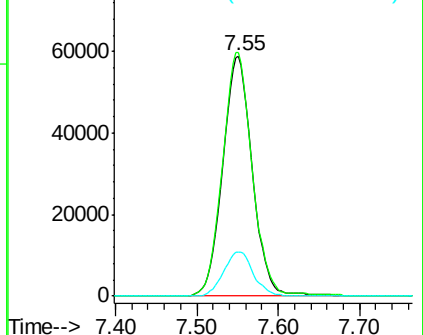


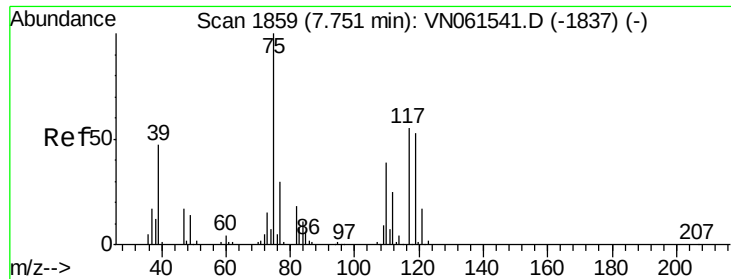
#35
 Dibromofluoromethane
 Concen: 57.03 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061665.D
 Acq: 5 Jun 2020 13:34

Tgt Ion:113 Resp: 149856
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.4 125.0
 192 18.6 15.4 23.2



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: 4.65 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN061665.D

Acq: 5 Jun 2020 13:34

Instrument :

MSVOA_N

ClientSampled :

VE-1-2

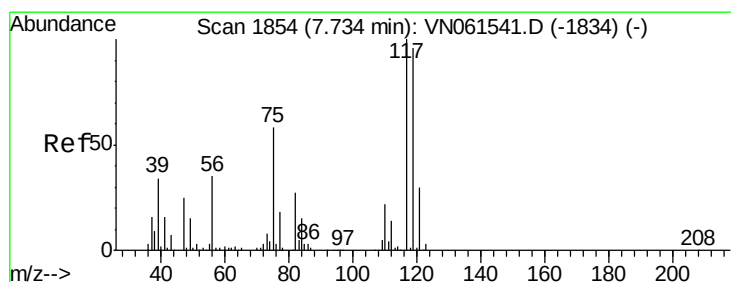
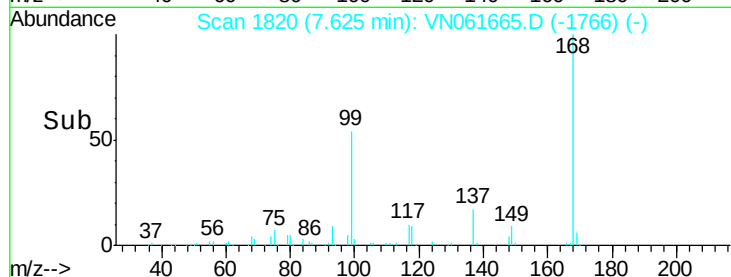
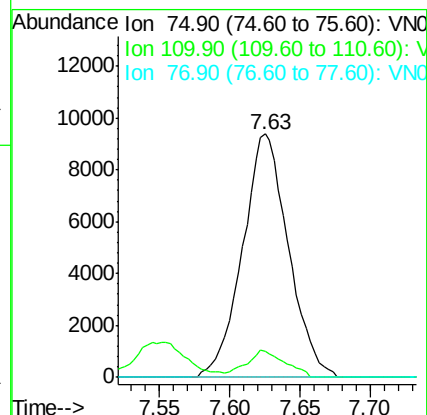
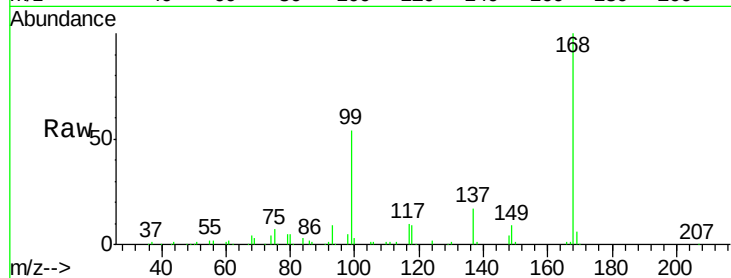
Tgt Ion: 75 Resp: 21326

Ion Ratio Lower Upper

75 100

110 9.3 19.5 58.5#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.61 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061665.D

Acq: 5 Jun 2020 13:34

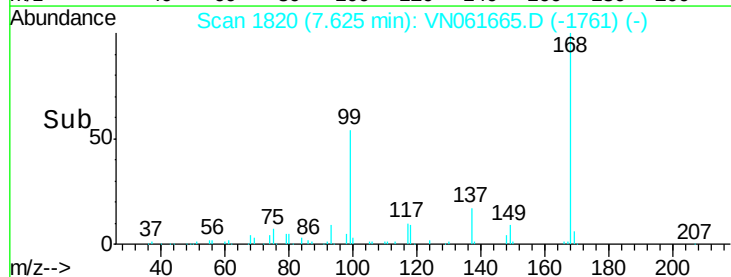
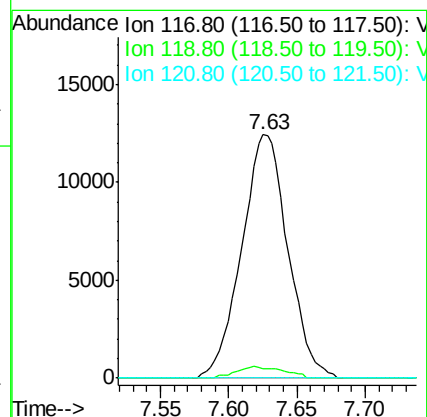
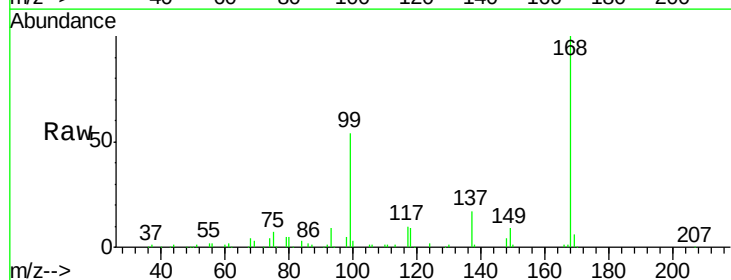
Tgt Ion: 117 Resp: 29227

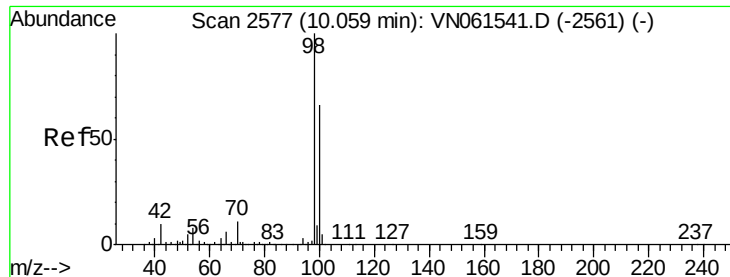
Ion Ratio Lower Upper

117 100

119 3.6 76.5 114.7#

121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 50.87 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061665.D

Acq: 5 Jun 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

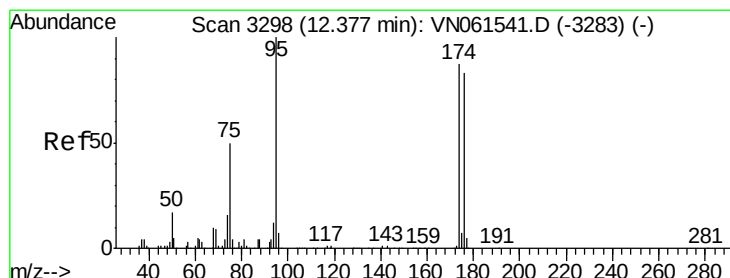
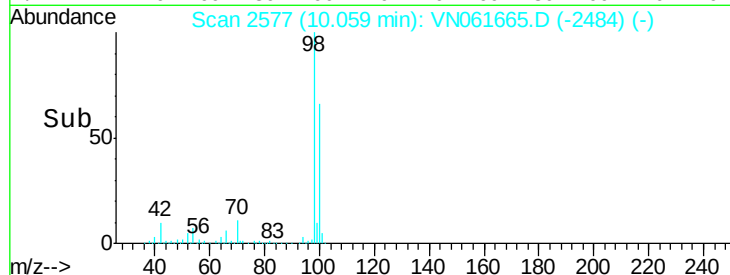
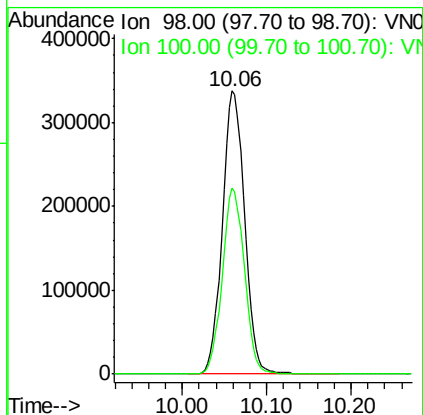
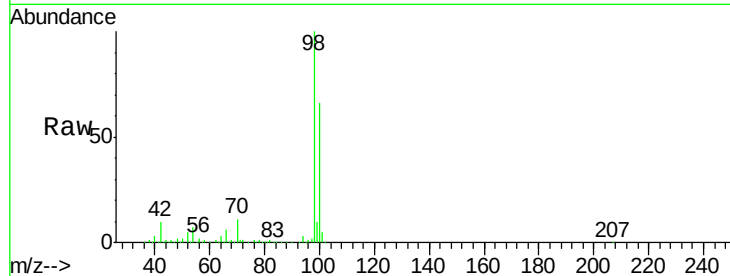
VE-1-2

Tgt Ion: 98 Resp: 619449

Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 50.60 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061665.D

Acq: 5 Jun 2020 13:34

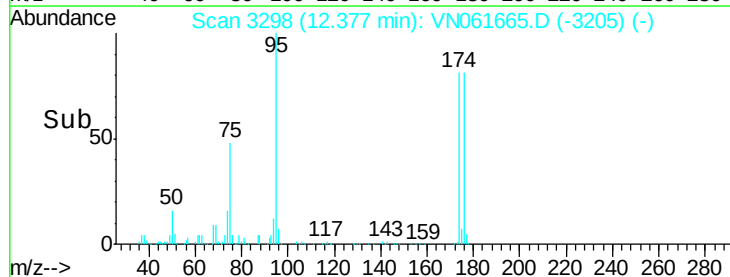
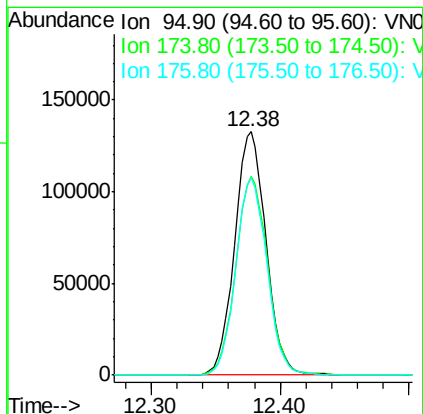
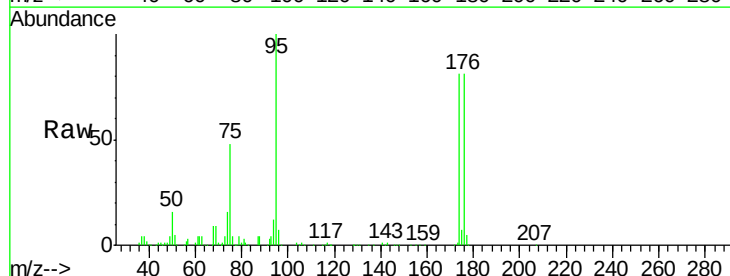
Tgt Ion: 95 Resp: 224784

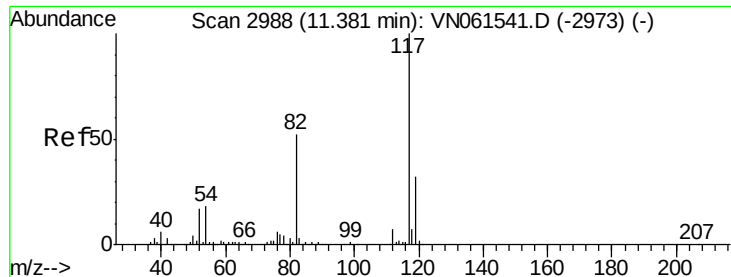
Ion Ratio Lower Upper

95 100

174 82.6 0.0 172.8

176 80.5 0.0 164.8

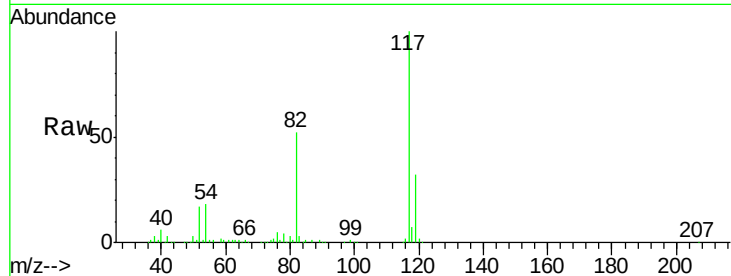




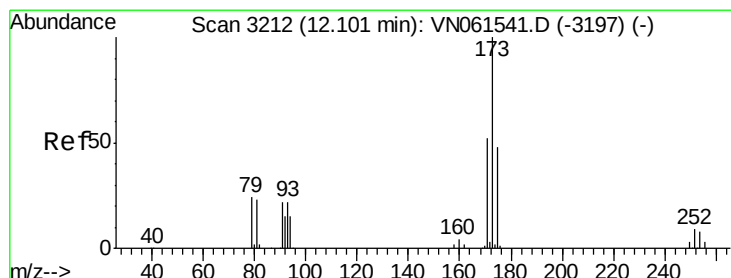
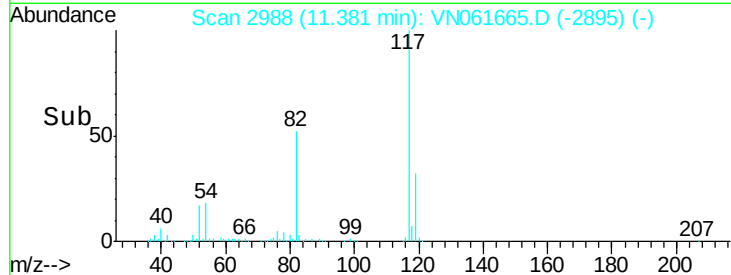
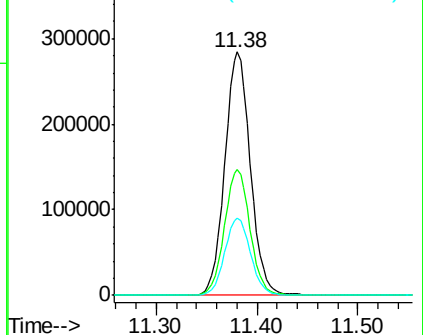
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061665.D
Acq: 5 Jun 2020 13:34

Instrument :
MSVOA_N
ClientSampleId :
VE-1-2

Tgt Ion:117 Resp: 503694
Ion Ratio Lower Upper
117 100
82 51.8 41.5 62.3
119 31.9 25.6 38.4

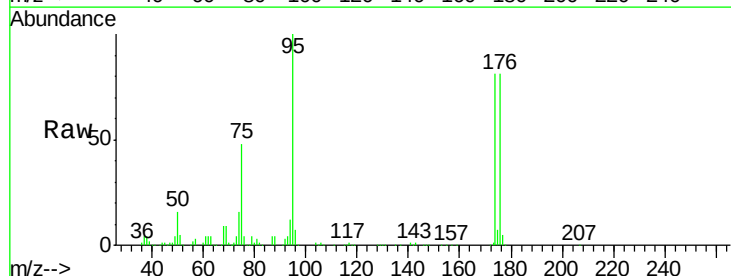


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

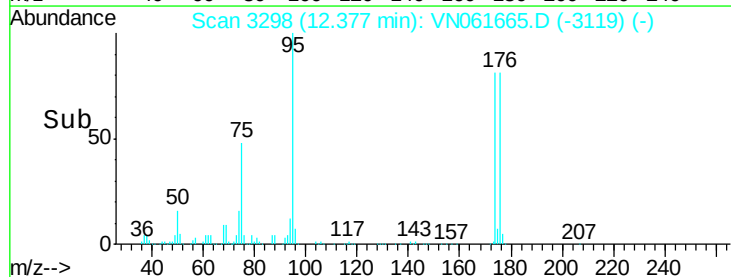
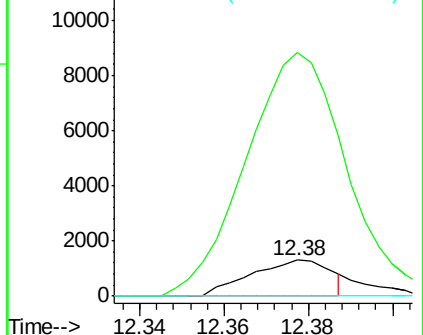


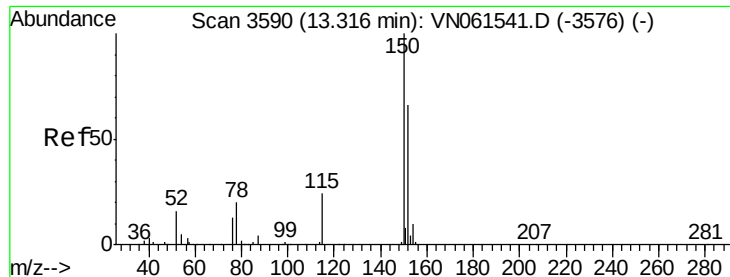
#71
Bromoform
Concen: 0.57 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061665.D
Acq: 5 Jun 2020 13:34

Tgt Ion:173 Resp: 1716
Ion Ratio Lower Upper
173 100
175 724.2 24.4 73.2#
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

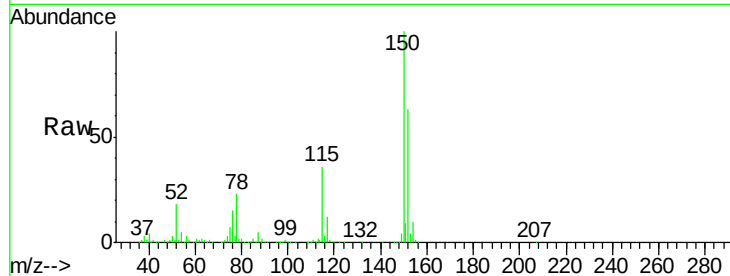




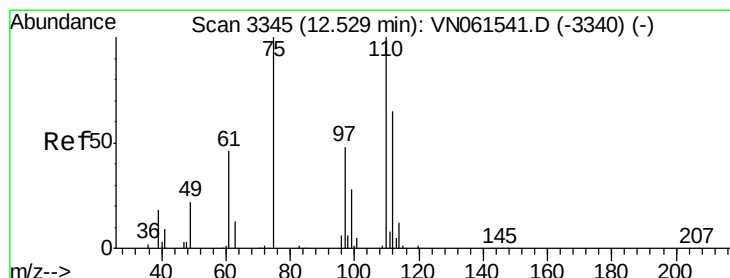
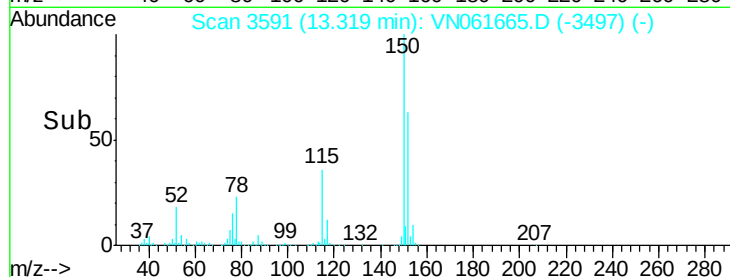
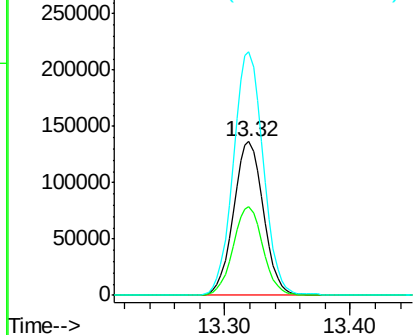
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.32 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VN061665.D
 Acq: 5 Jun 2020 13:34

Instrument :
 MSVOA_N
 ClientSampled :
 VE-1-2

Tgt Ion:152 Resp: 226868
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.0 84.0
 150 158.7 0.0 344.0

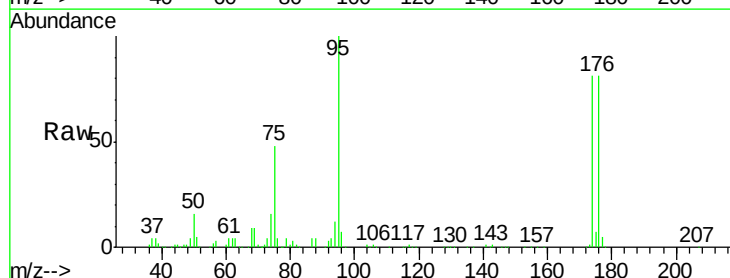


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

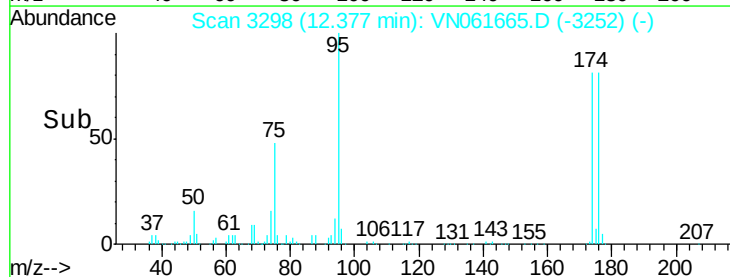
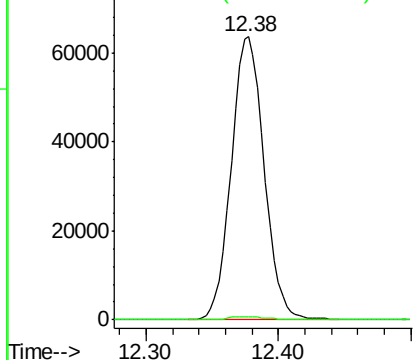


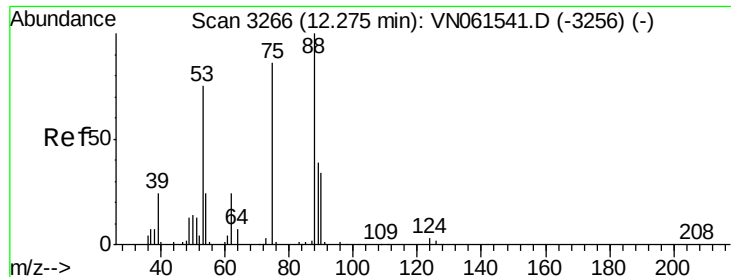
#76
 1,2,3-Trichloropropane
 Concen: 26.58 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN061665.D
 Acq: 5 Jun 2020 13:34

Tgt Ion: 75 Resp: 109670
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 67.98 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061665.D

Acq: 5 Jun 2020 13:34

Instrument :

MSVOA_N

ClientSampleId :

VE-1-2

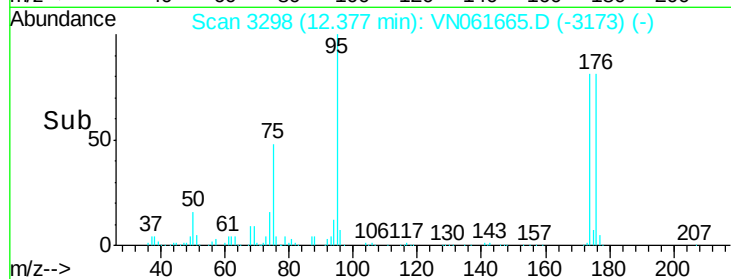
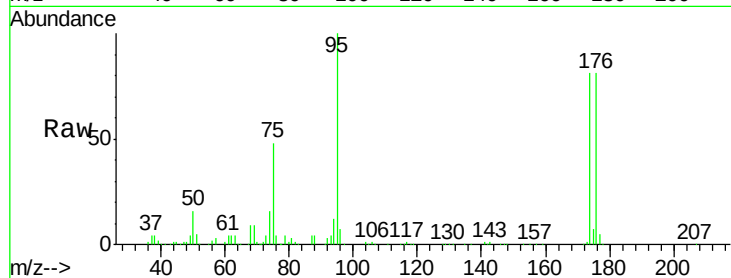
Tgt Ion: 75 Resp: 109670

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

