

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060994.D
 Acq On : 16 Apr 2020 3:58
 Operator : JC/MD
 Sample : L2249-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 06:45:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	144267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	245230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	229119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	101684	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	96577	48.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.54%	
35) Dibromofluoromethane	7.56	113	73474	49.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.10%	
50) Toluene-d8	10.08	98	304075	50.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.39	95	112784	50.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.62%	

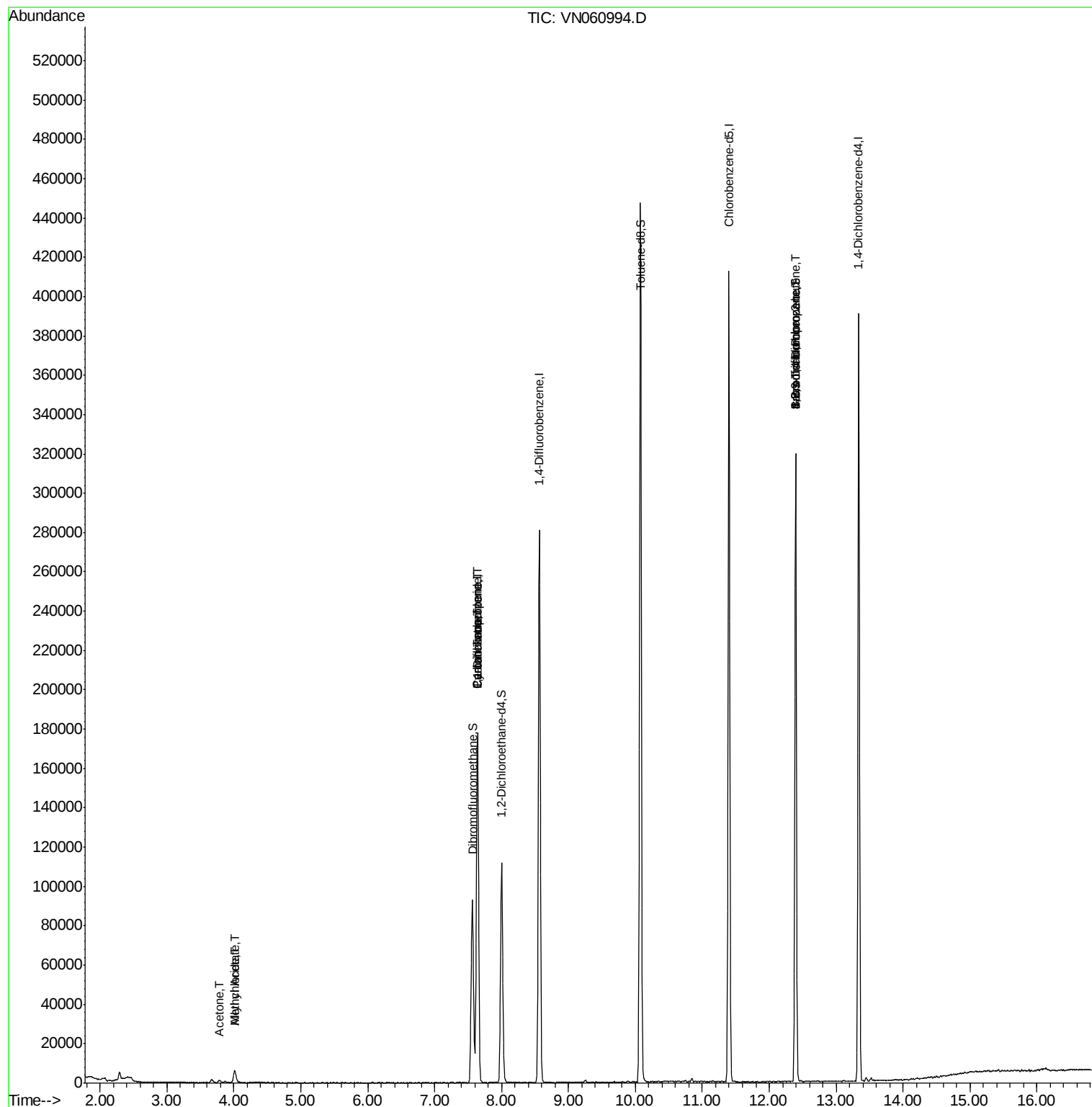
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.01	41	609	0.222	ug/l #	22
16) Acetone	3.78	43	2358	3.361	ug/l	94
18) Methyl Acetate	4.01	43	2165	1.096	ug/l #	54
31) Cyclohexane	7.64	56	3067	0.962	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11613	4.891	ug/l #	49
38) Carbon Tetrachloride	7.64	117	14366	6.750	ug/l #	16
71) Bromoform	12.38	173	138	1.778	ug/l #	29
76) 1,2,3-Trichloropropane	12.39	75	57244	26.090	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	57244	67.006	ug/l #	13

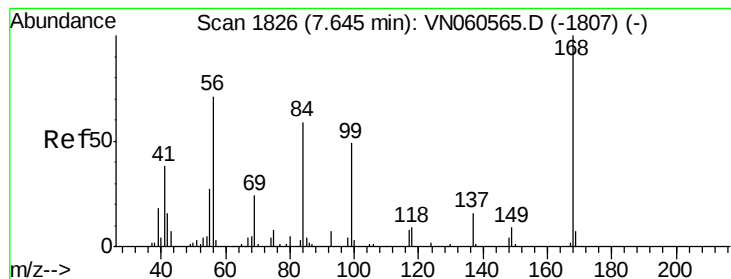
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060994.D

Acq: 16 Apr 2020 3:58

Instrument :

MSVOA_N

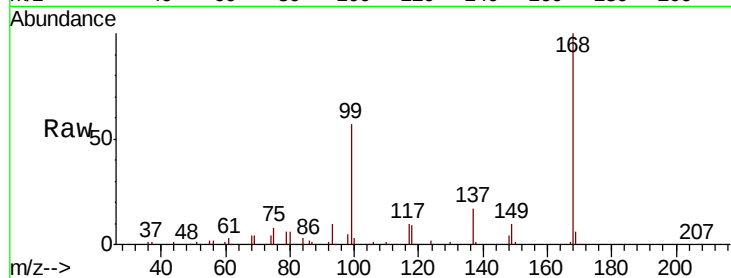
ClientSampleId :

Tot Ion:168 Resp: 144267

Ion Ratio Lower Upper

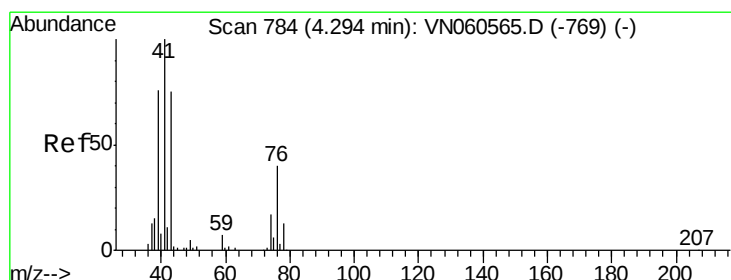
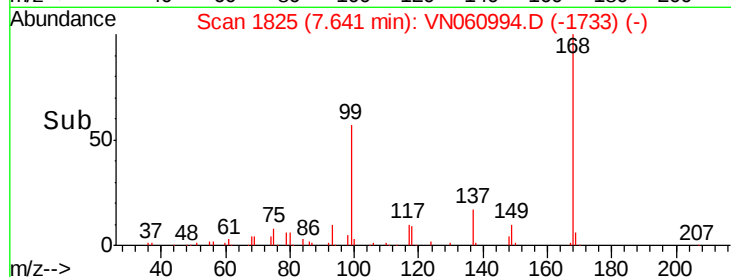
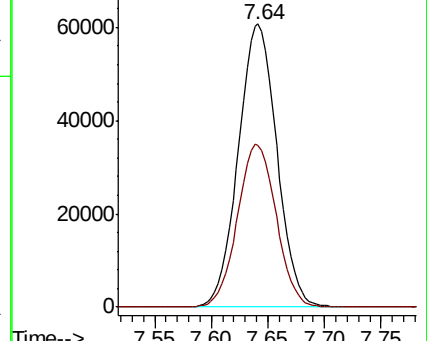
168 100

99 57.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#14

Allyl chloride

Concen: 0.222 ug/l

RT: 4.01 min Scan# 696

Delta R.T. -0.28 min

Lab File: VN060994.D

Acq: 16 Apr 2020 3:58

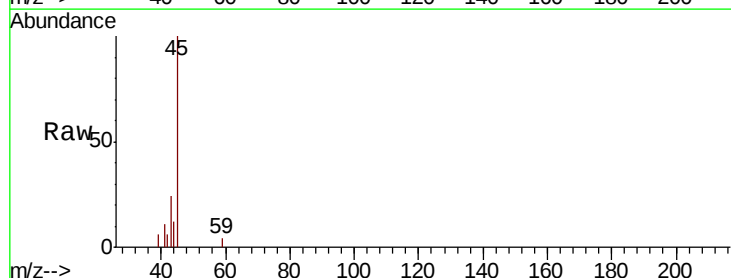
Tgt Ion: 41 Resp: 609

Ion Ratio Lower Upper

41 100

39 0.0 57.8 86.8#

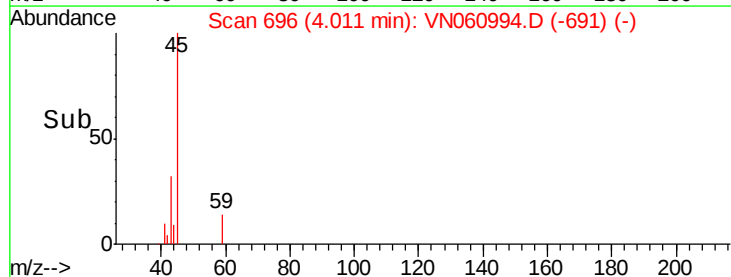
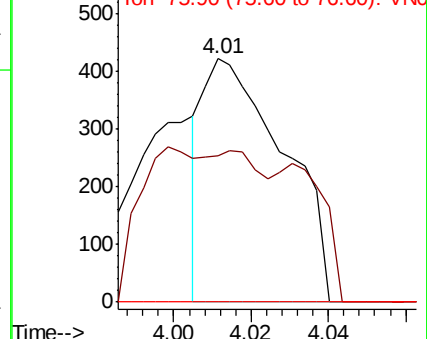
76 0.0 28.6 43.0#

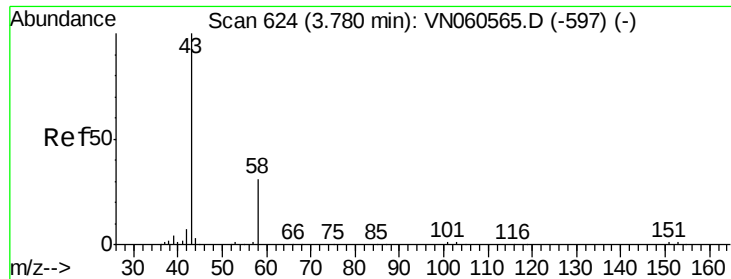


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#16

Acetone

Concen: 3.361 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060994.D

Acq: 16 Apr 2020 3:58

Instrument :

MSVOA_N

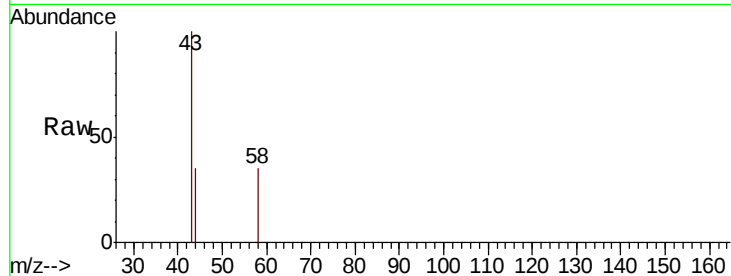
ClientSampled :

Tot Ion: 43 Resp: 2358

Ion Ratio Lower Upper

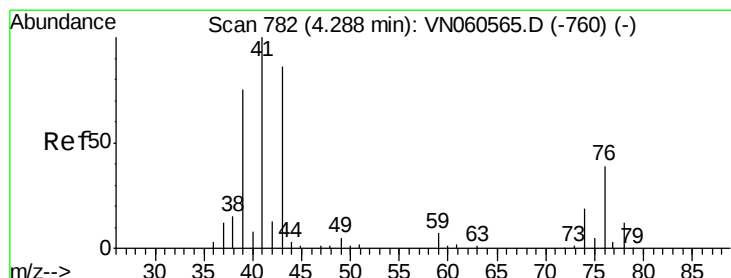
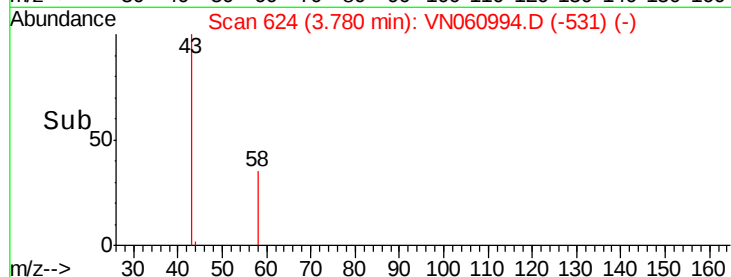
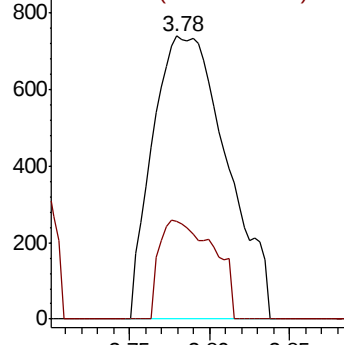
43 100

58 34.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.096 ug/l

RT: 4.01 min Scan# 696

Delta R.T. -0.28 min

Lab File: VN060994.D

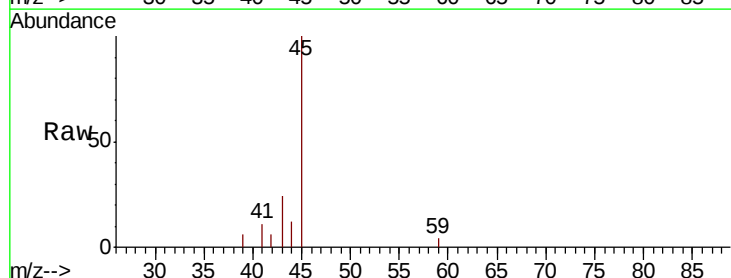
Acq: 16 Apr 2020 3:58

Tgt Ion: 43 Resp: 2165

Ion Ratio Lower Upper

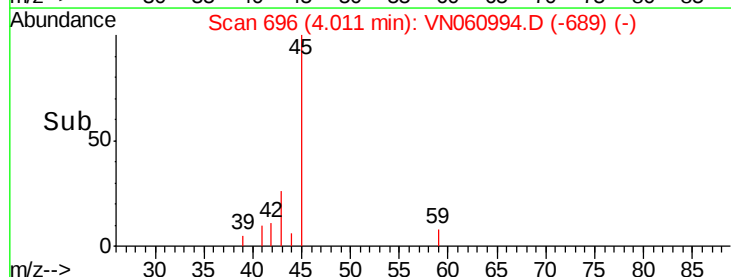
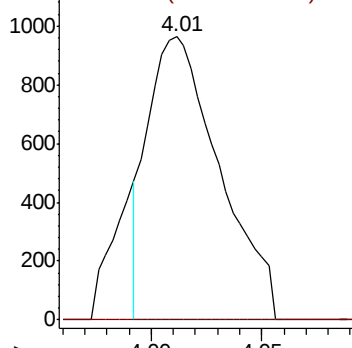
43 100

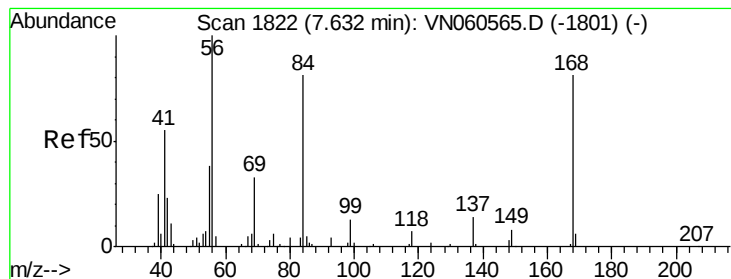
74 0.0 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#31

Cyclohexane

Concen: 0.962 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN060994.D

Acq: 16 Apr 2020 3:58

Instrument :

MSVOA_N

ClientSampled :

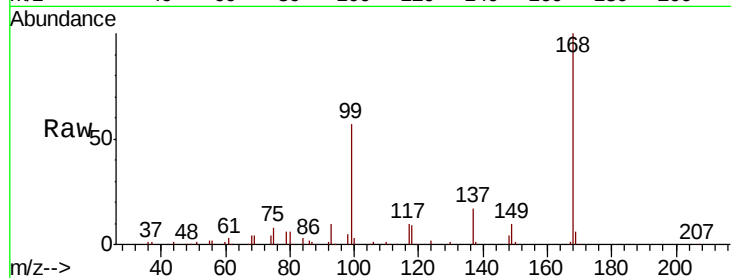
Tot Ion: 56 Resp: 3067

Ion Ratio Lower Upper

56 100

69 187.0 26.6 40.0#

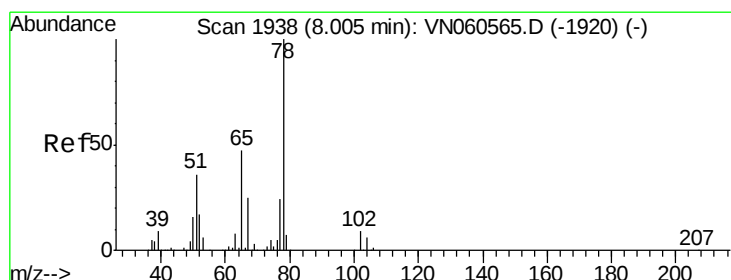
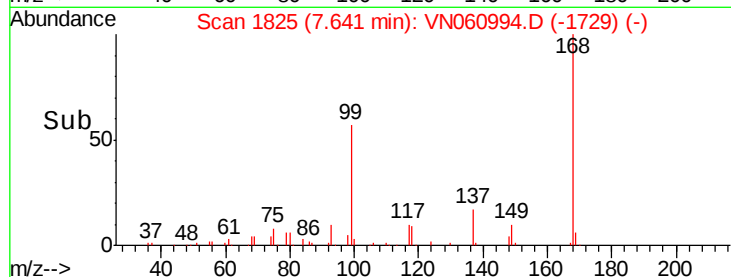
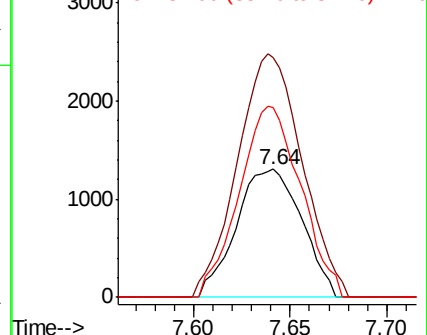
84 148.1 64.3 96.5#



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: 48.765 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060994.D

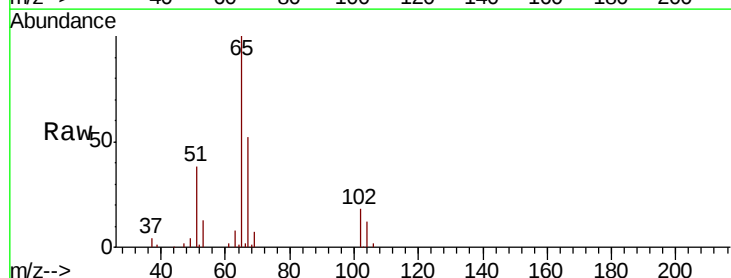
Acq: 16 Apr 2020 3:58

Tgt Ion: 65 Resp: 96577

Ion Ratio Lower Upper

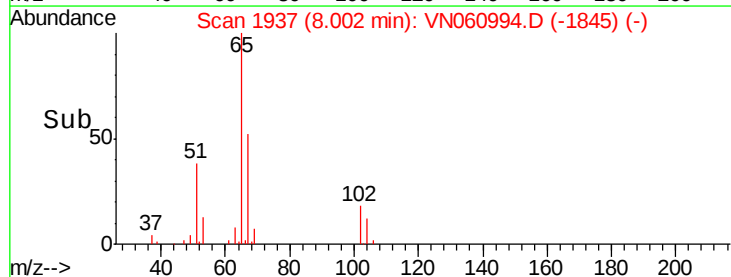
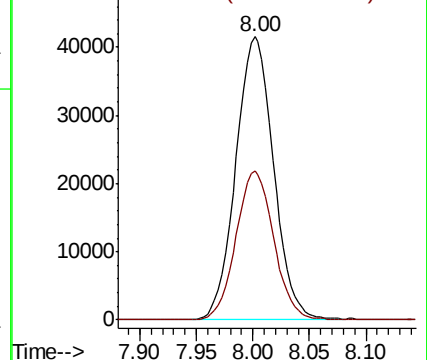
65 100

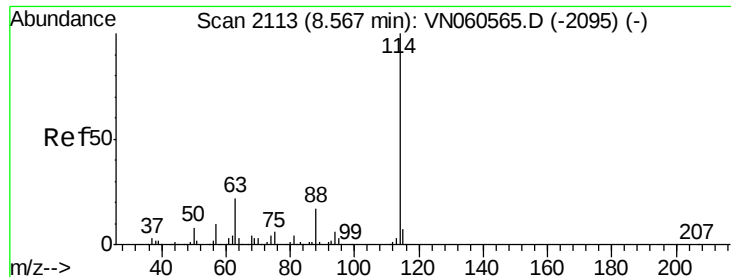
67 52.5 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

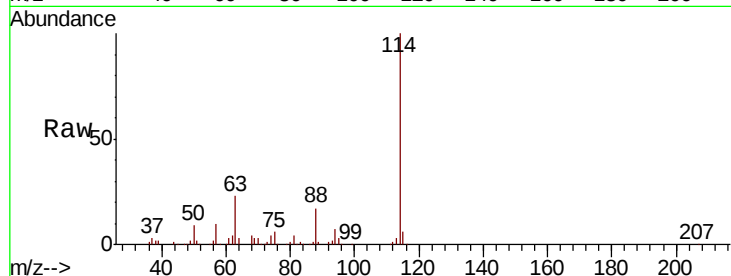




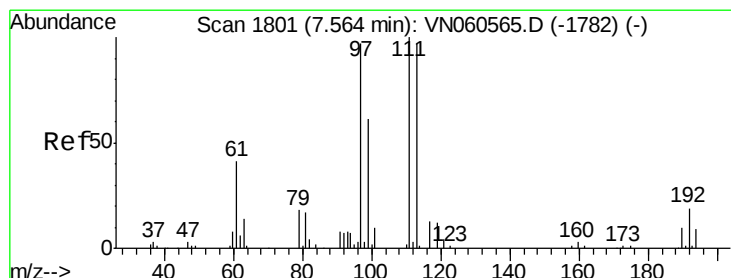
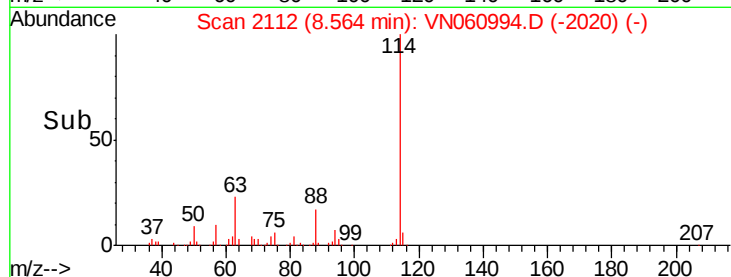
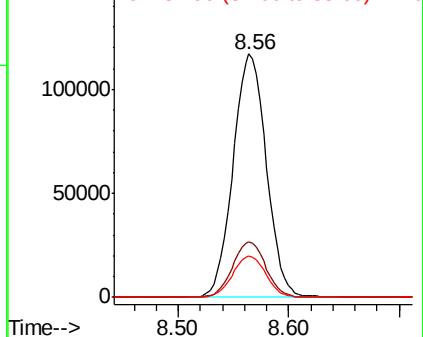
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060994.D
 Acq: 16 Apr 2020 3:58

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.8
88	16.9	0.0	33.0

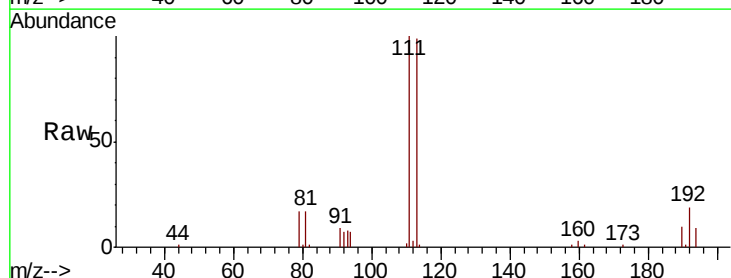


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

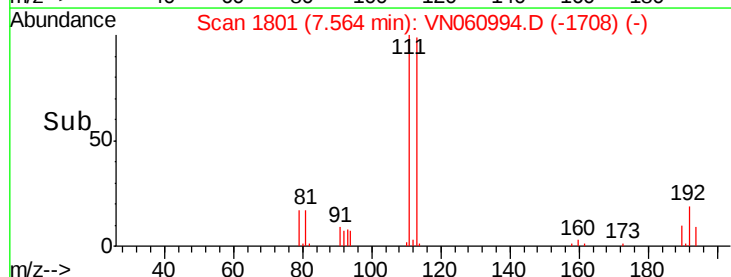
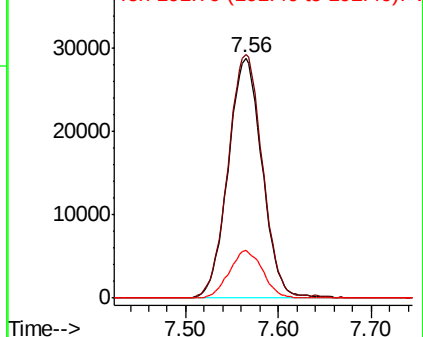


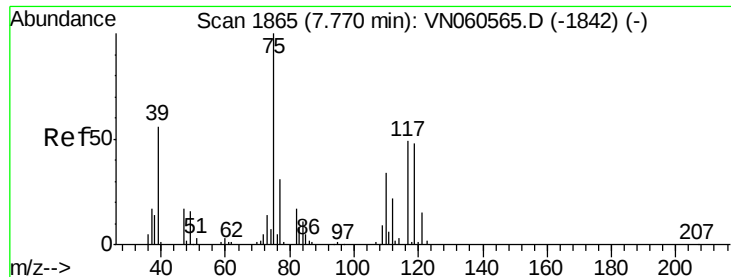
#35
 Dibromofluoromethane
 Concen: 49.550 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060994.D
 Acq: 16 Apr 2020 3:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	19.4	15.8	23.8



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

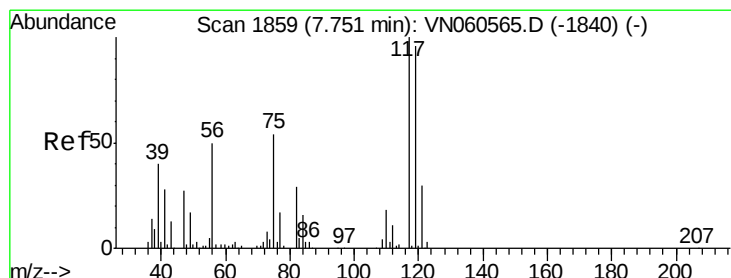
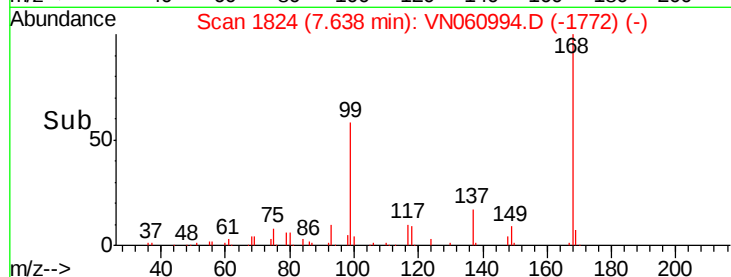
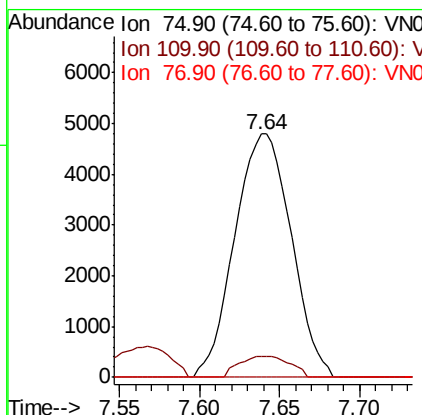
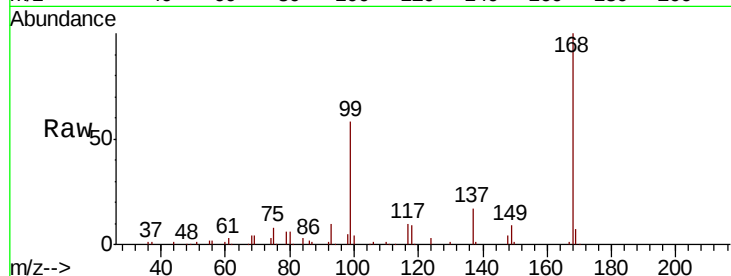




#36
 1,1-Dichloropropene
 Concen: 4.891 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN060994.D
 Acq: 16 Apr 2020 3:58

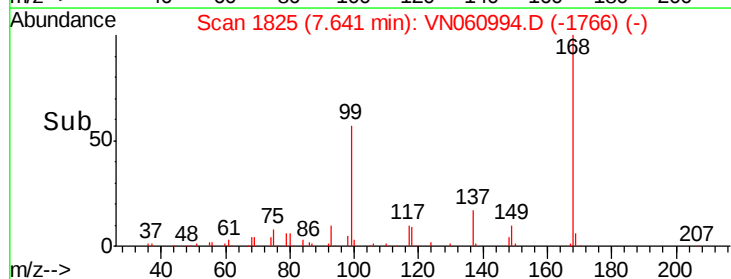
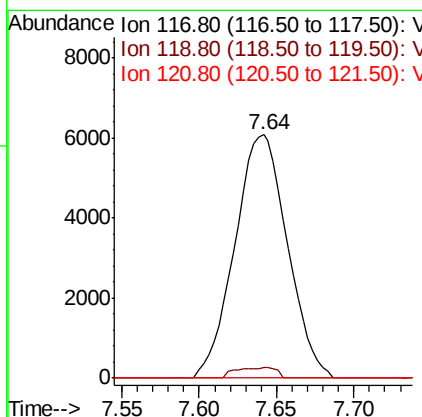
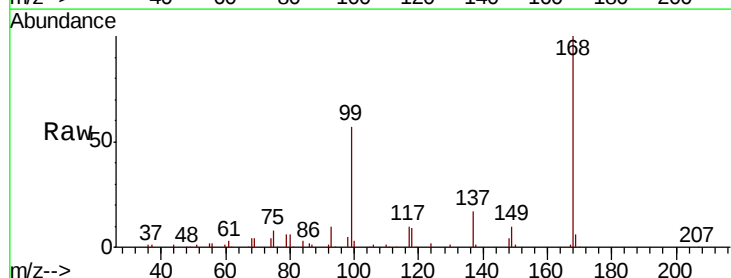
Instrument :
 MSVOA_N
 ClientSampled :

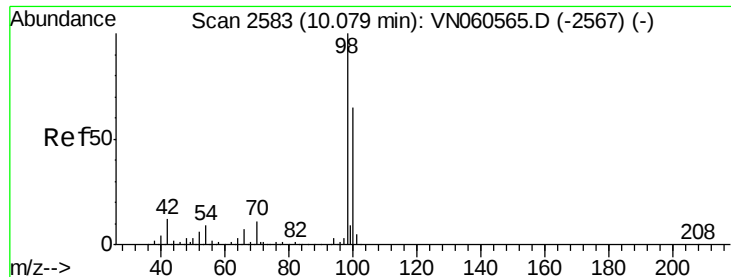
Tot Ion	75	Resp	11613
Ion Ratio	Lower	Upper	
75	100		
110	7.7	16.9	50.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.750 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN060994.D
 Acq: 16 Apr 2020 3:58

Tgt Ion	117	Resp	14366
Ion Ratio	Lower	Upper	
117	100		
119	4.3	76.2	114.2#
121	0.0	23.7	35.5#





#50

Toluene-d8

Concen: 50.204 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060994.D

Acq: 16 Apr 2020 3:58

Instrument :

MSVOA_N

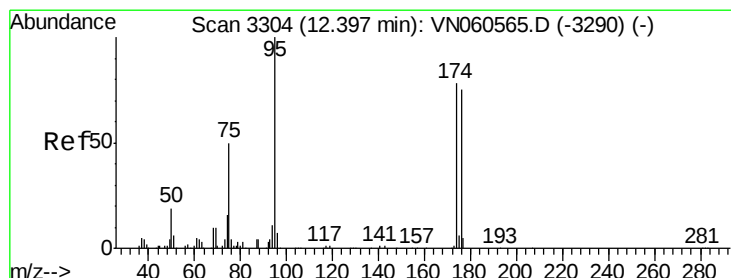
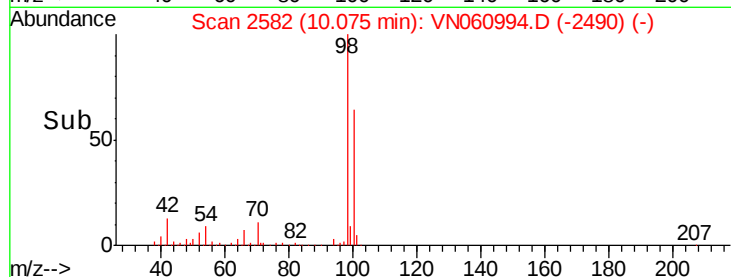
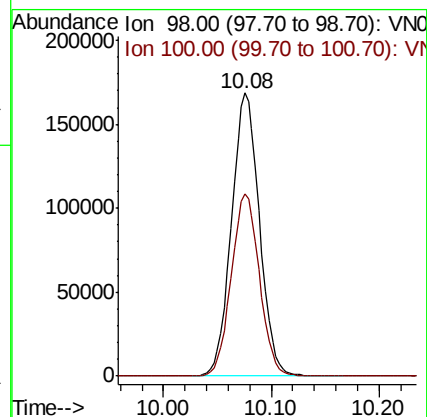
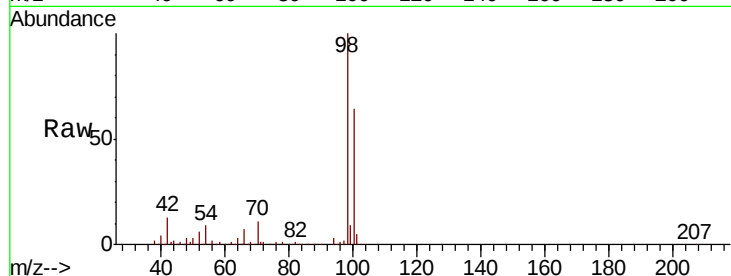
ClientSampled :

Tot Ion: 98 Resp: 304075

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 50.810 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060994.D

Acq: 16 Apr 2020 3:58

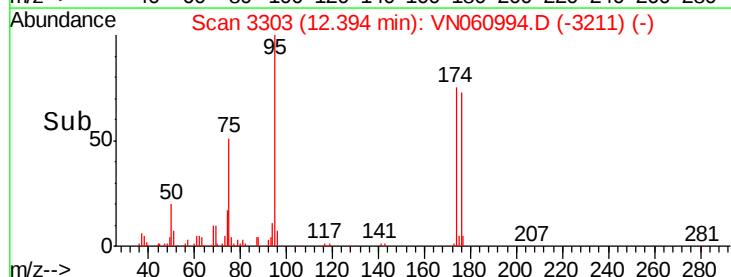
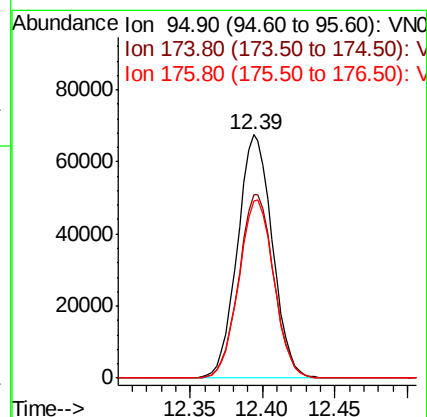
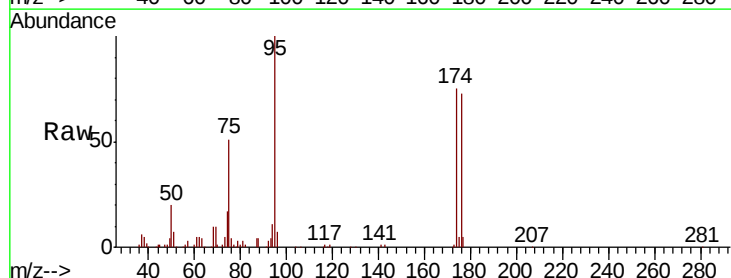
Tgt Ion: 95 Resp: 112784

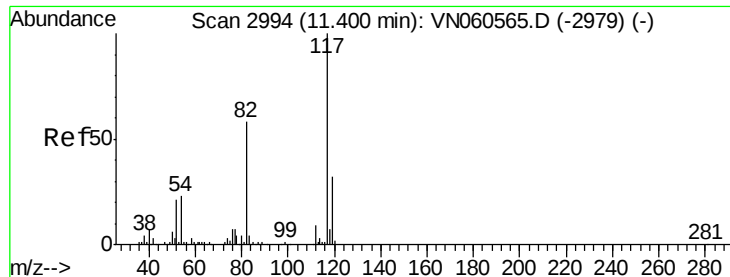
Ion Ratio Lower Upper

95 100

174 75.6 0.0 157.6

176 73.6 0.0 150.6

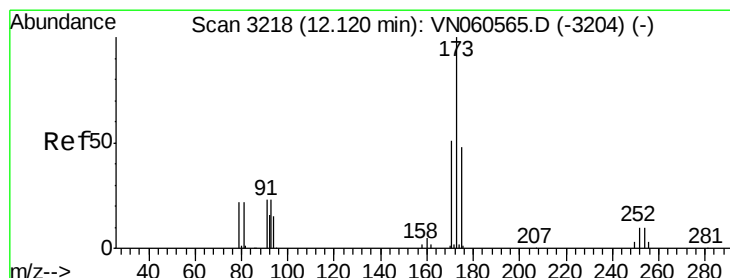
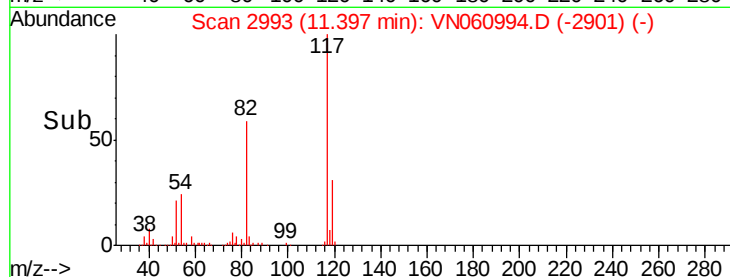
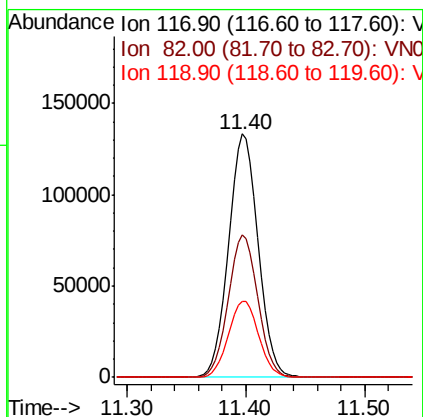
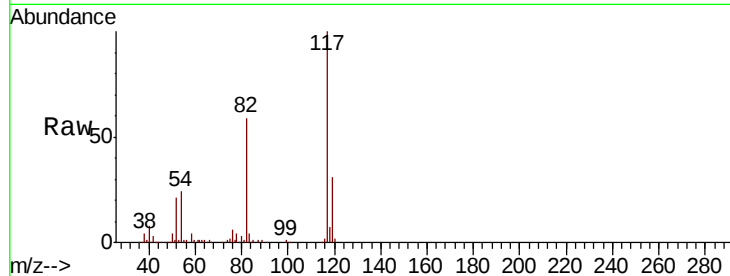




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060994.D
Acq: 16 Apr 2020 3:58

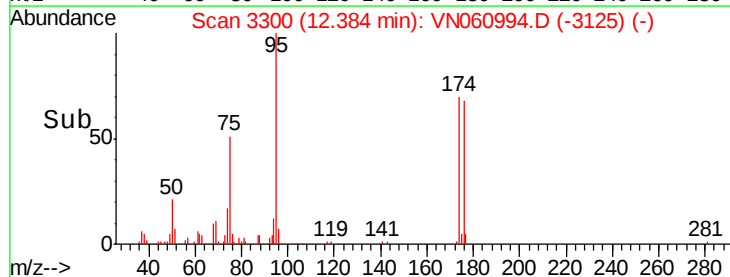
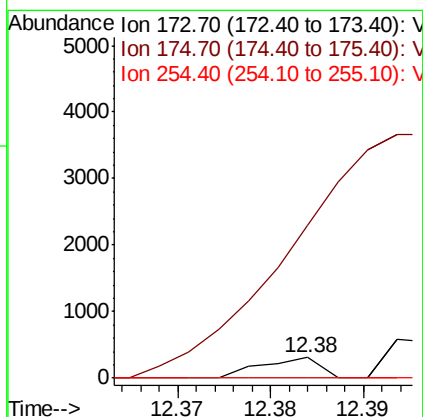
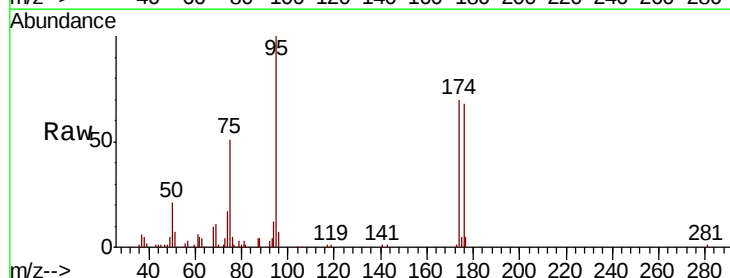
Instrument :
MSVOA_N
ClientSampleId :

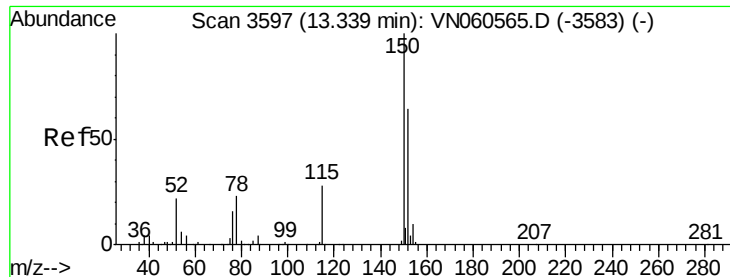
Tot Ion:117 Resp: 229119
Ion Ratio Lower Upper
117 100
82 58.6 46.7 70.1
119 31.2 25.5 38.3



#71
Bromoform
Concen: 1.778 ug/l
RT: 12.38 min Scan# 3300
Delta R.T. 0.26 min
Lab File: VN060994.D
Acq: 16 Apr 2020 3:58

Tgt Ion:173 Resp: 138
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN060994.D

Acq: 16 Apr 2020 3:58

Instrument :

MSVOA_N

ClientSampleId :

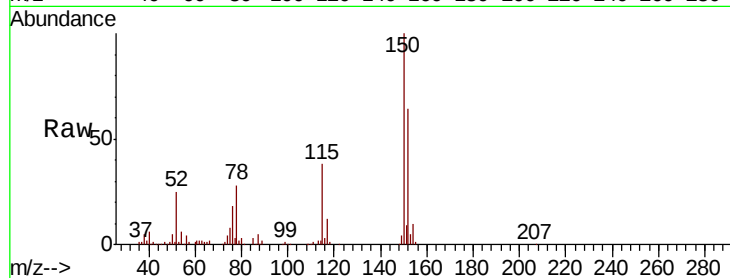
Tot Ion:152 Resp: 101684

Ion Ratio Lower Upper

152 100

115 60.6 30.2 90.6

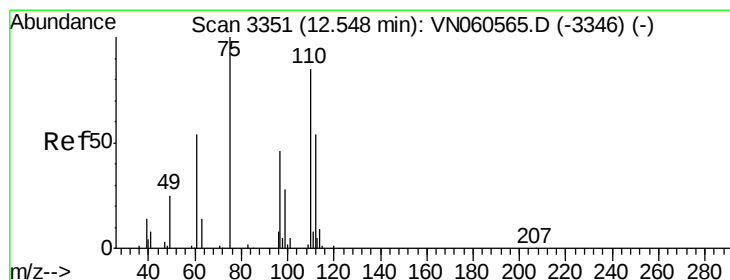
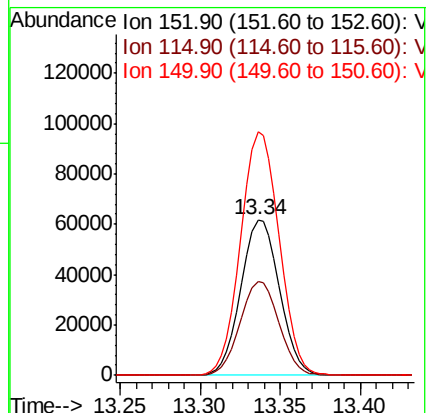
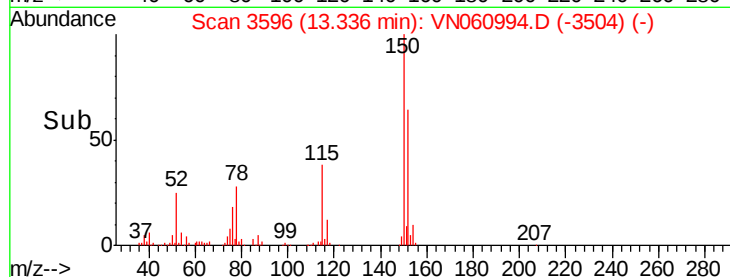
150 156.4 0.0 350.2



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: 26.090 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN060994.D

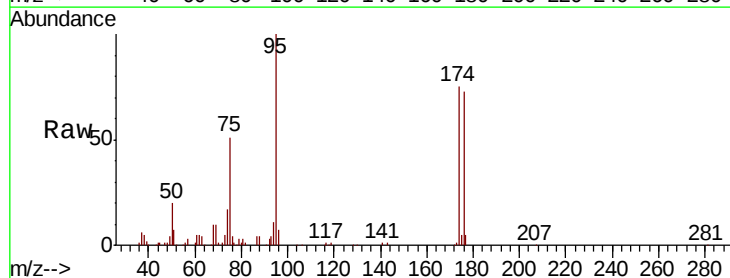
Acq: 16 Apr 2020 3:58

Tgt Ion: 75 Resp: 57244

Ion Ratio Lower Upper

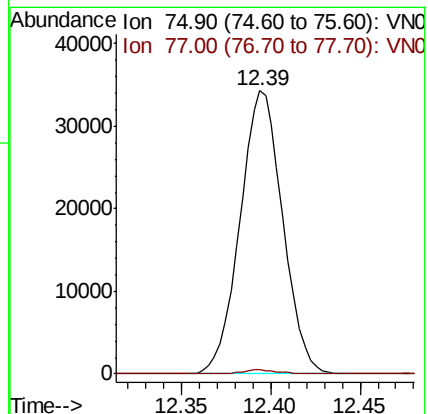
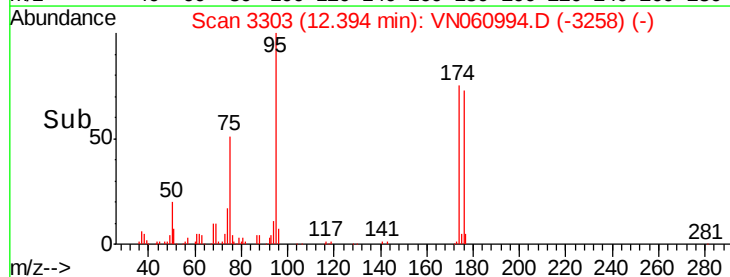
75 100

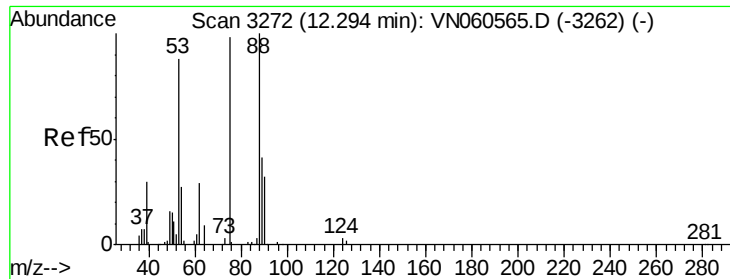
77 1.0 0.0 0.0#



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: 67.006 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN060994.D

Acq: 16 Apr 2020 3:58

Instrument :

MSVOA_N

ClientSampleId :

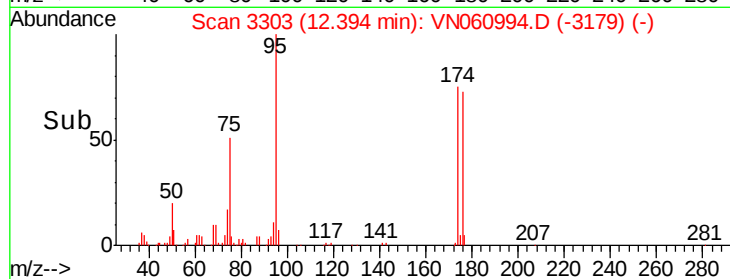
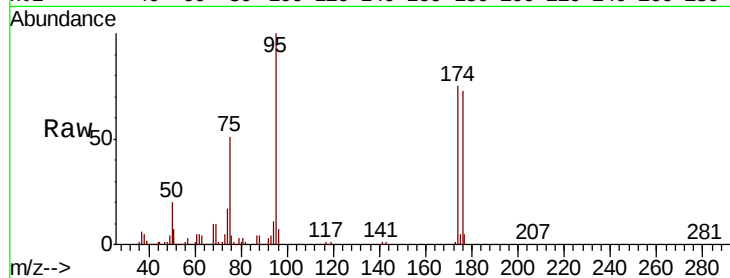
Tot Ion: 75 Resp: 57244

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

