

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060580.D
 Acq On : 18 Mar 2020 10:25
 Operator : JC/MD
 Sample : VN0318WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBL02

Quant Time: Mar 19 04:57:50 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

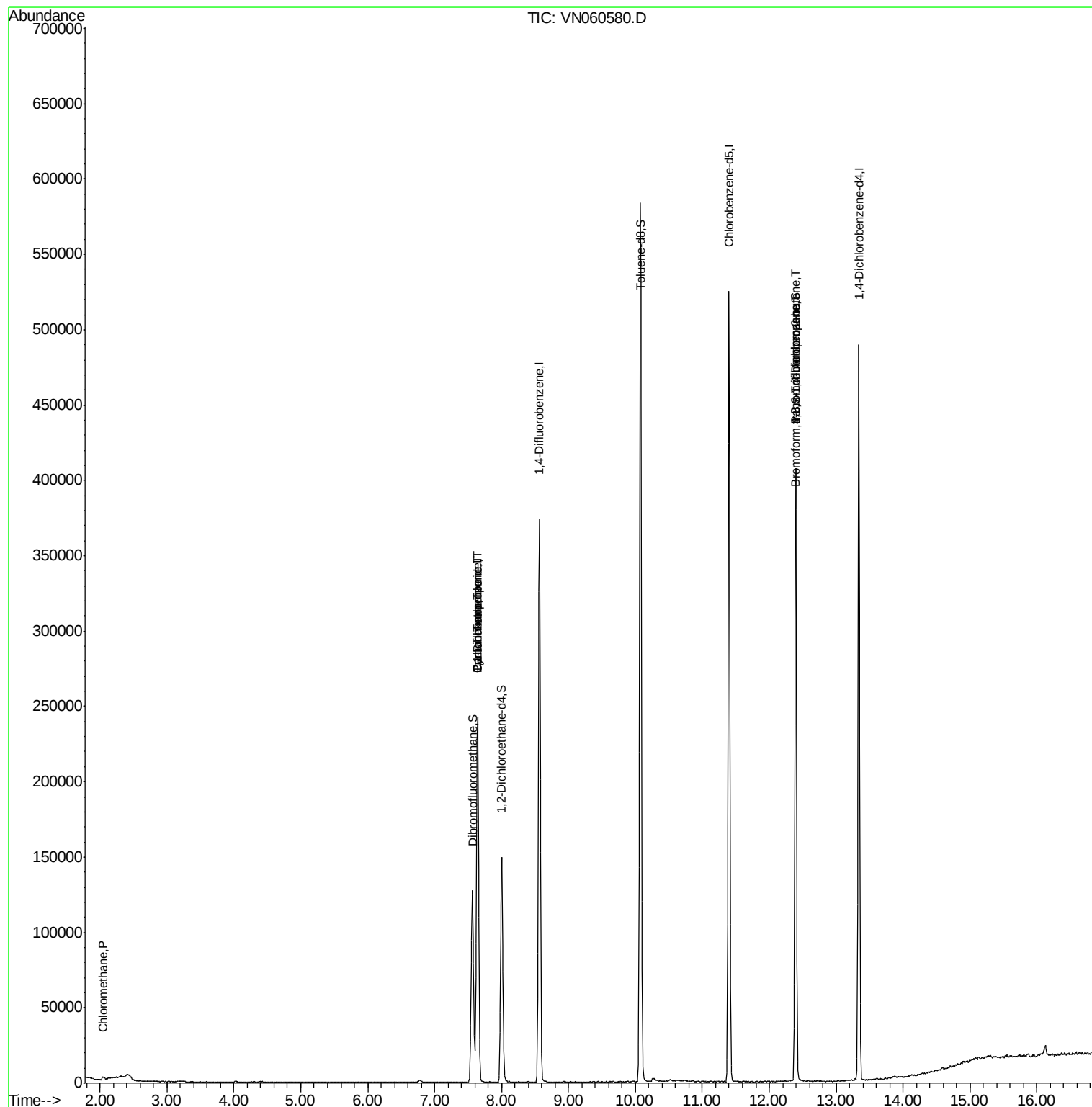
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	202125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	333837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	303665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	129061	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
35) Dibromofluoromethane	7.56	113	98329	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	10.08	98	406757	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.40	95	145954	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	970	0.266	ug/l	99
31) Cyclohexane	7.64	56	4143	0.927	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	15627	4.834	ug/l #	49
38) Carbon Tetrachloride	7.64	117	19769	6.823	ug/l #	16
71) Bromoform	12.38	173	75	1.720	ug/l #	29
76) 1,2,3-Trichloropropane	12.39	75	73190	26.317	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	73190	67.591	ug/l #	13

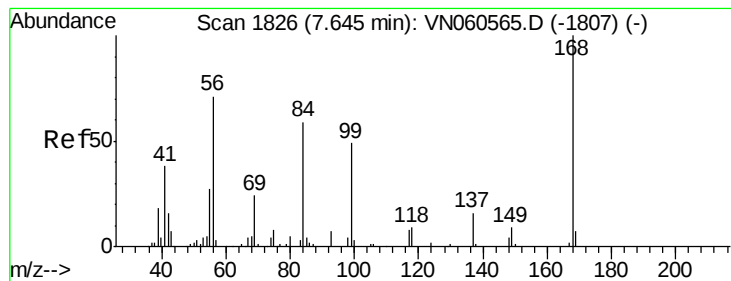
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031820\
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Acq On : 18 Mar 2020 10:25
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBL02

Quant Time: Mar 19 04:57:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
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: VN060580.D

Acq: 18 Mar 2020 10:25

Instrument :

MSVOA_N

ClientSampleId :

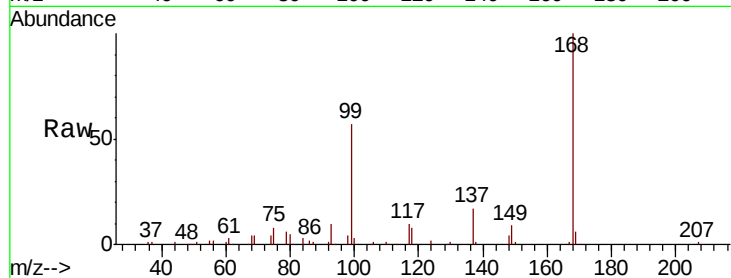
VN0318WBL02

Tot Ion:168 Resp: 202125

Ion Ratio Lower Upper

168 100

99 57.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060565.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN060565.D (-1807) (-)

7.64

80000

60000

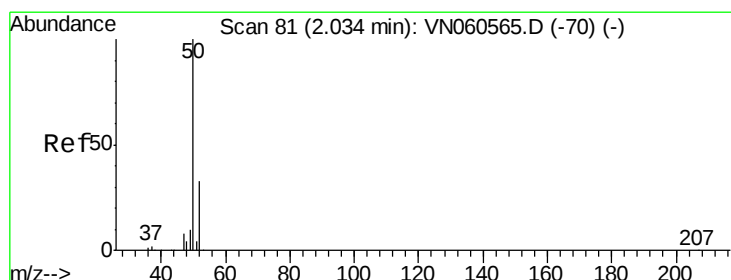
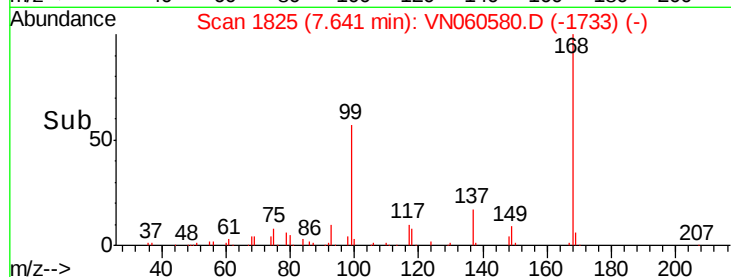
40000

20000

0

7.60 7.70

Time-->



#3

Chloromethane

Concen: 0.266 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060580.D

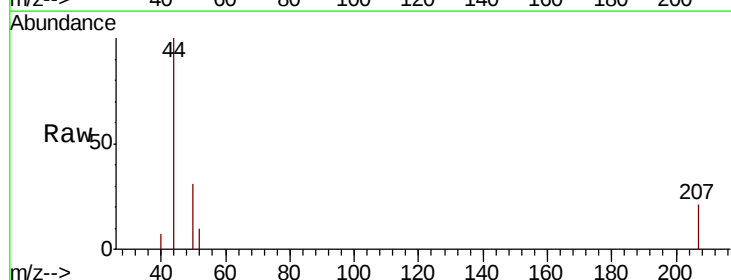
Acq: 18 Mar 2020 10:25

Tgt Ion: 50 Resp: 970

Ion Ratio Lower Upper

50 100

52 33.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN060565.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN060565.D (-70) (-)

2.04

800

600

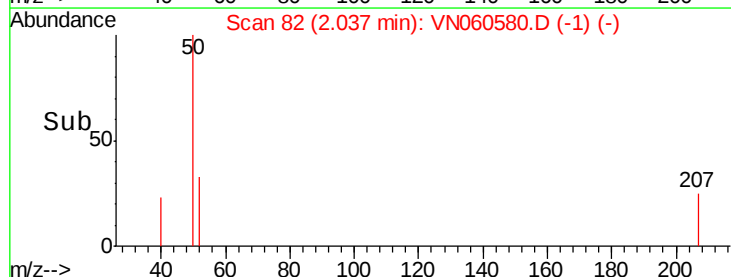
400

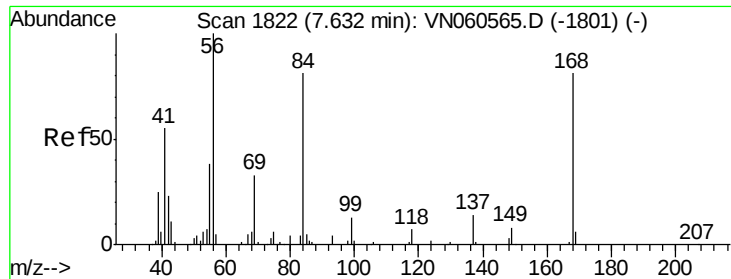
200

0

2.00 2.02 2.04 2.06

Time-->

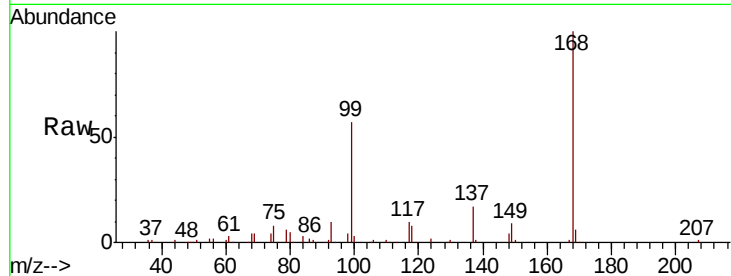




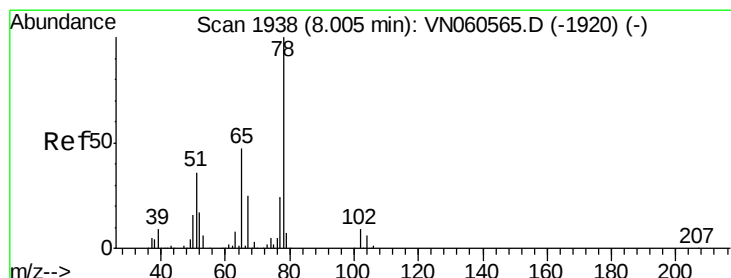
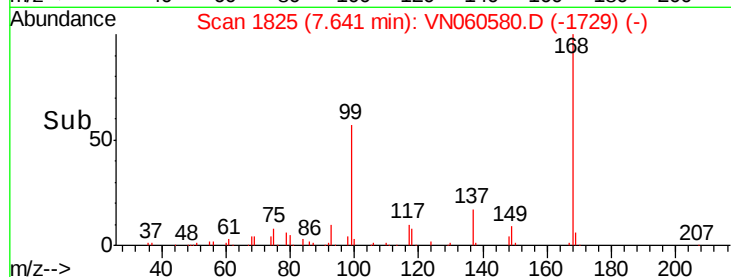
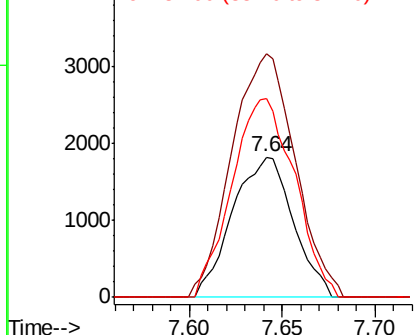
#31
Cyclohexane
Concen: 0.927 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN060580.D
Acq: 18 Mar 2020 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBL02

Tot Ion: 56 Resp: 4143
Ion Ratio Lower Upper
56 100
69 173.3 26.6 40.0#
84 141.9 64.3 96.5#

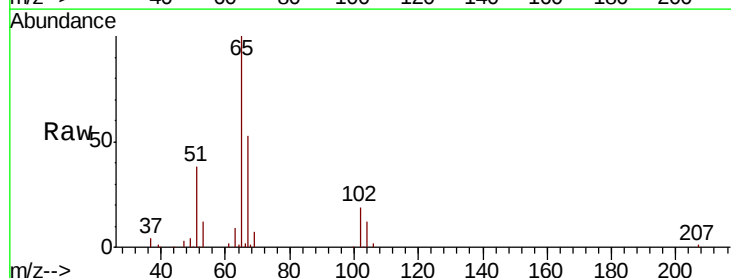


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

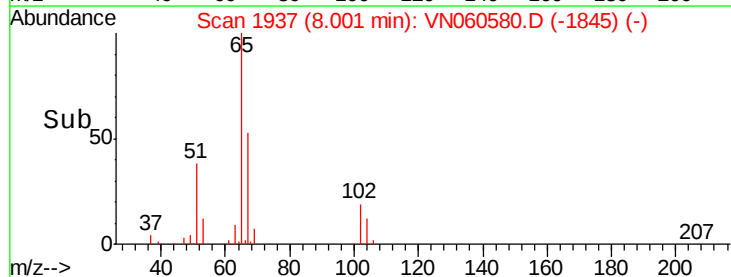
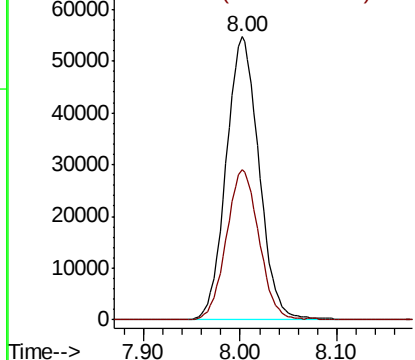


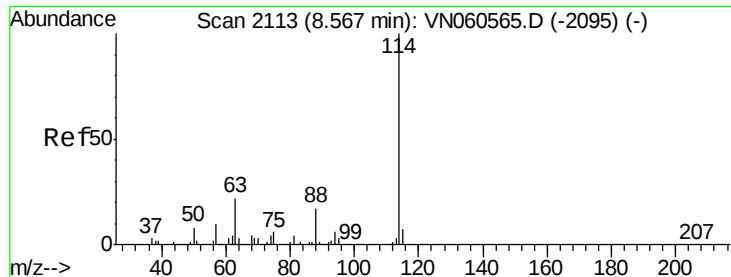
#33
1,2-Dichloroethane-d4
Concen: 46.513 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060580.D
Acq: 18 Mar 2020 10:25

Tgt Ion: 65 Resp: 129061
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

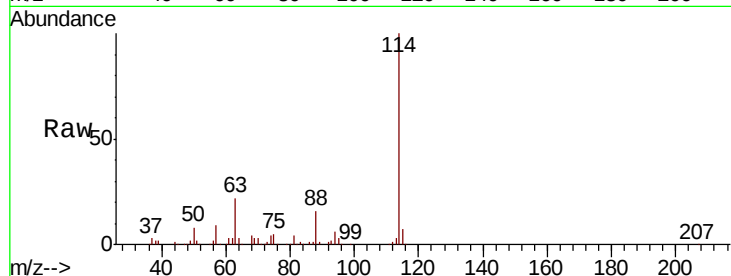




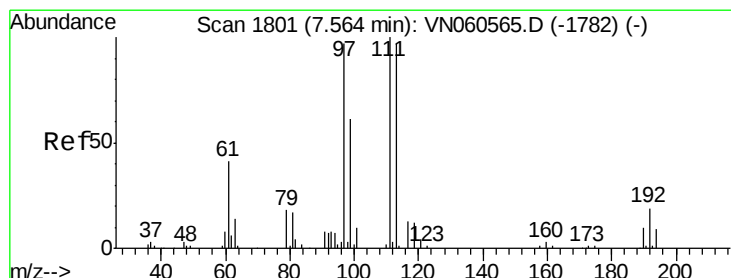
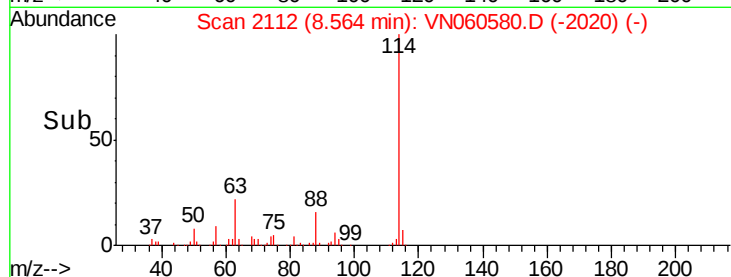
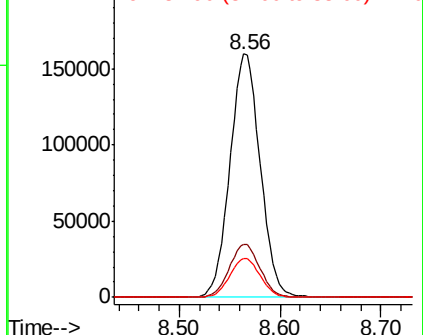
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060580.D
 Acq: 18 Mar 2020 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBL02

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.8
88	15.9	0.0	33.0

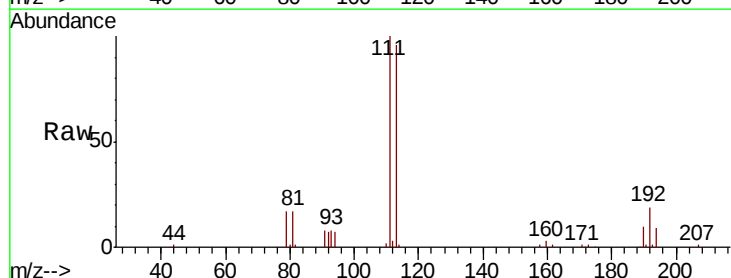


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

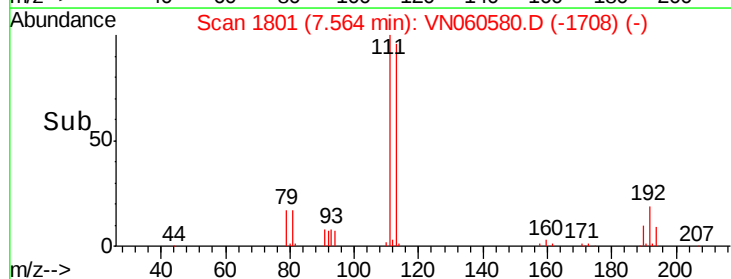
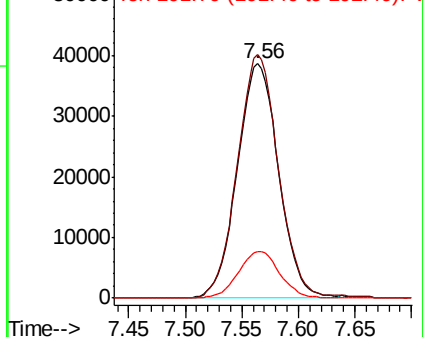


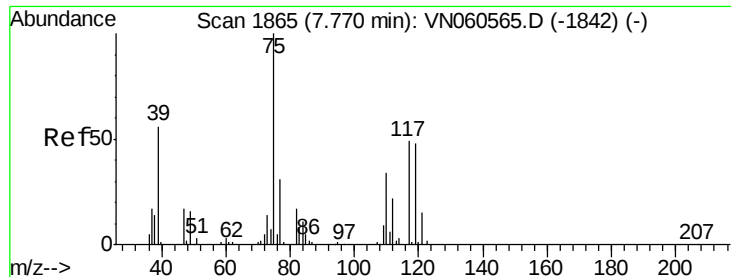
#35
 Dibromofluoromethane
 Concen: 48.711 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060580.D
 Acq: 18 Mar 2020 10:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	19.8	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

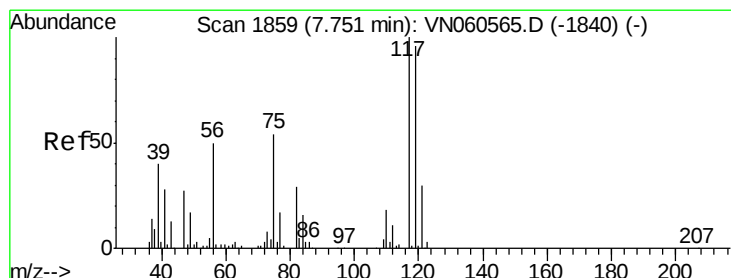
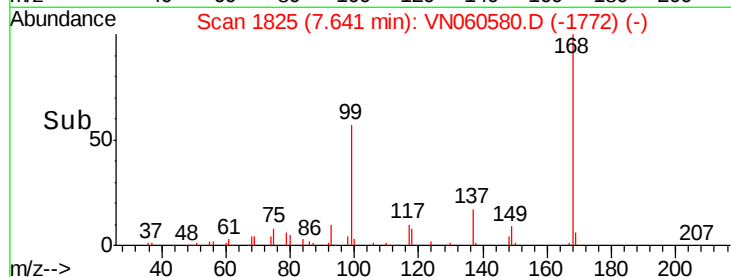
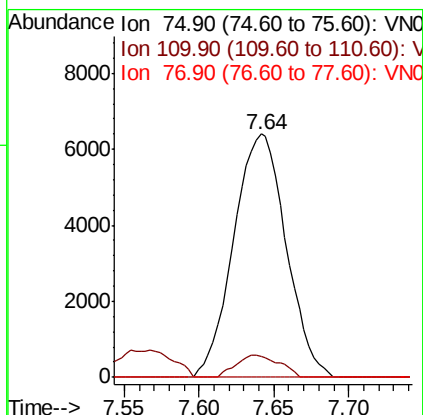
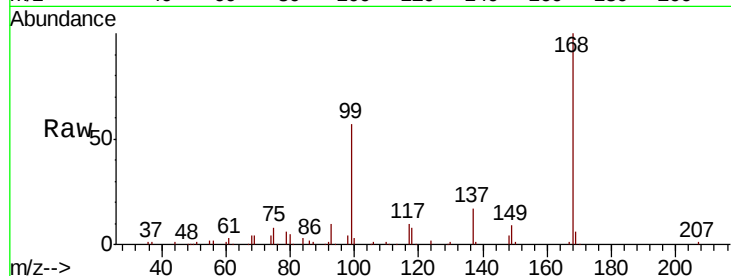




#36
 1,1-Dichloropropene
 Concen: 4.834 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060580.D
 Acq: 18 Mar 2020 10:25

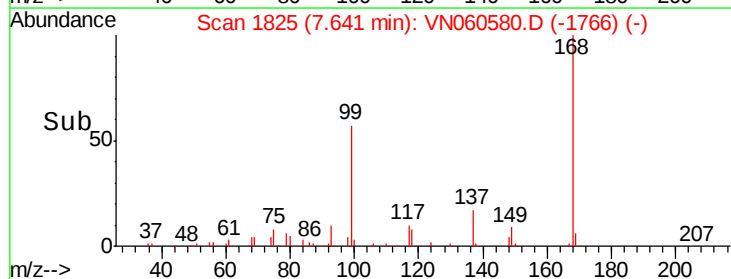
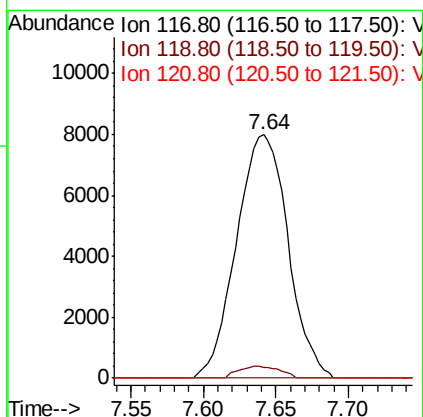
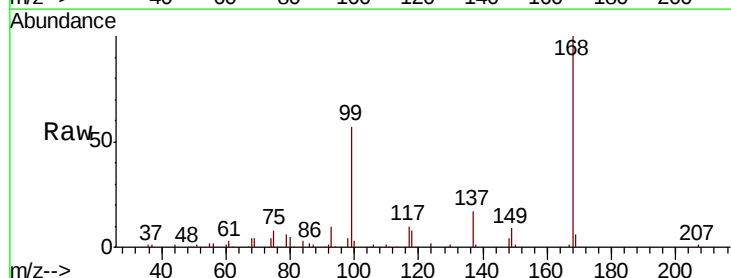
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBL02

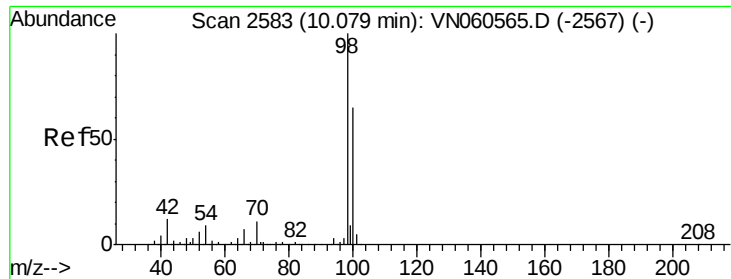
Tot Ion	75	Resp	15627
Ion Ratio	Lower	Upper	
75	100		
110	7.6	16.9	50.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.823 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN060580.D
 Acq: 18 Mar 2020 10:25

Tgt Ion	117	Resp	19769
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	4.5	76.2	114.2#
121	0.0	23.7	35.5#





#50

Toluene-d8

Concen: 49.332 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060580.D

Acq: 18 Mar 2020 10:25

Instrument :

MSVOA_N

ClientSampleId :

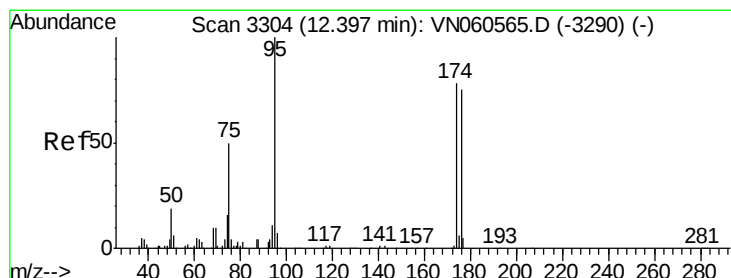
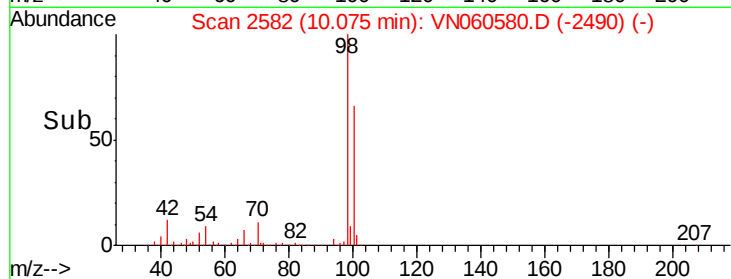
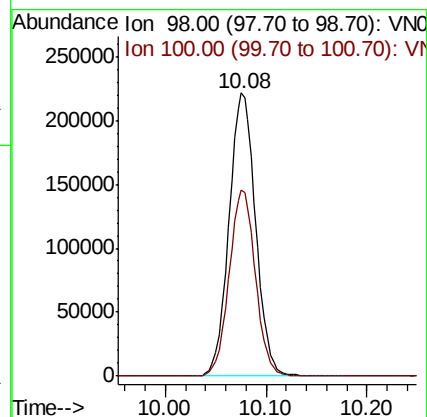
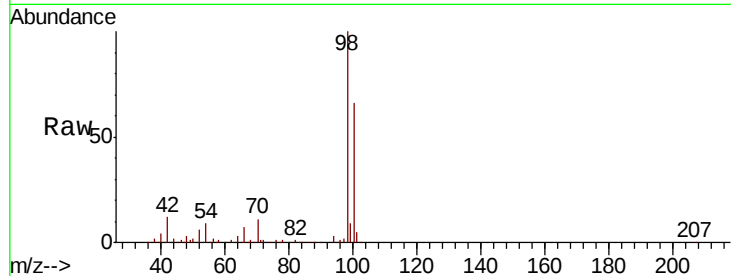
VN0318WBL02

Tot Ion: 98 Resp: 406757

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 48.301 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060580.D

Acq: 18 Mar 2020 10:25

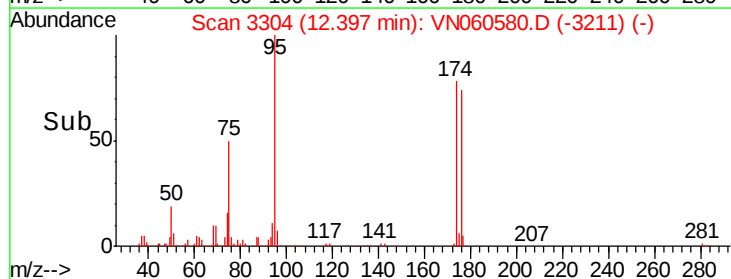
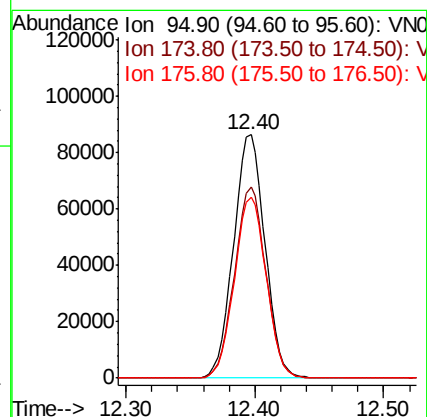
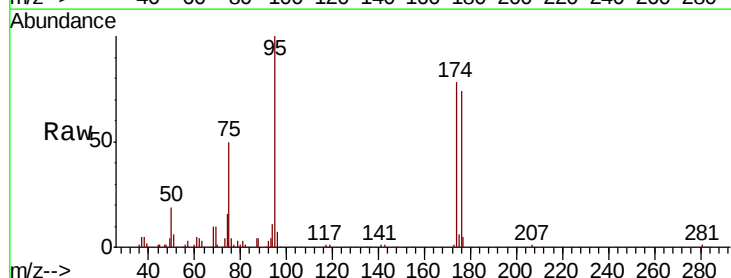
Tgt Ion: 95 Resp: 145954

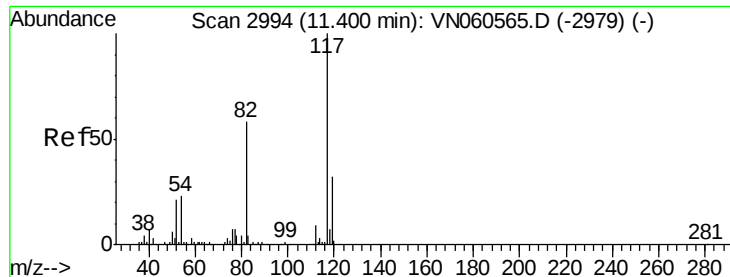
Ion Ratio Lower Upper

95 100

174 78.4 0.0 157.6

176 75.3 0.0 150.6

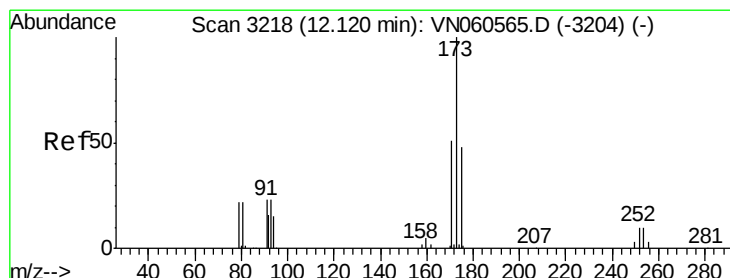
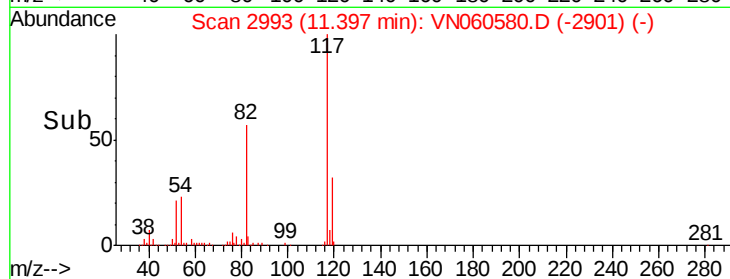
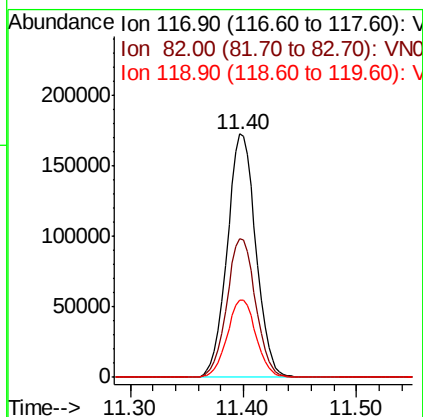
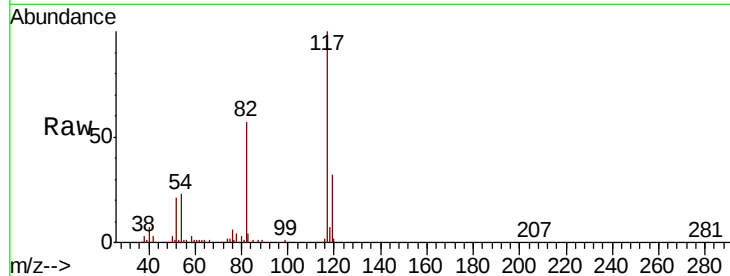




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060580.D
Acq: 18 Mar 2020 10:25

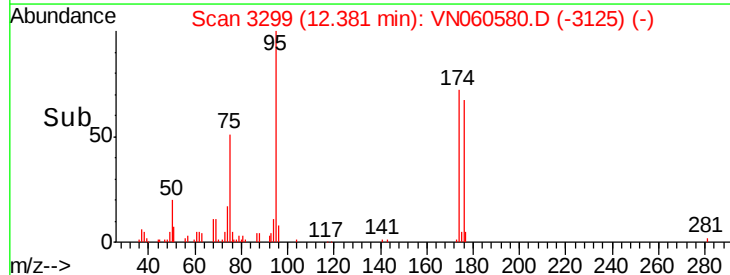
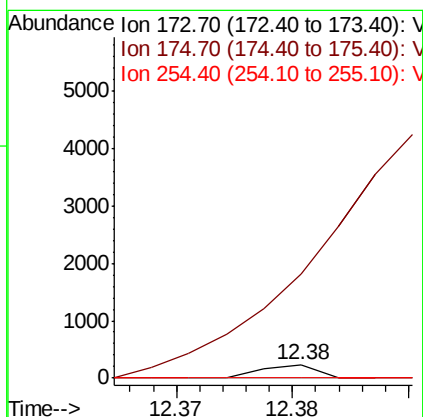
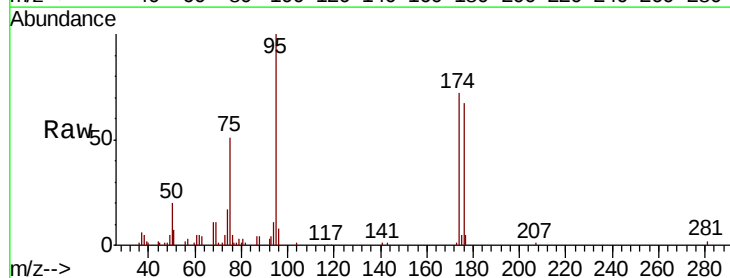
Instrument :
MSVOA_N
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VN0318WBL02

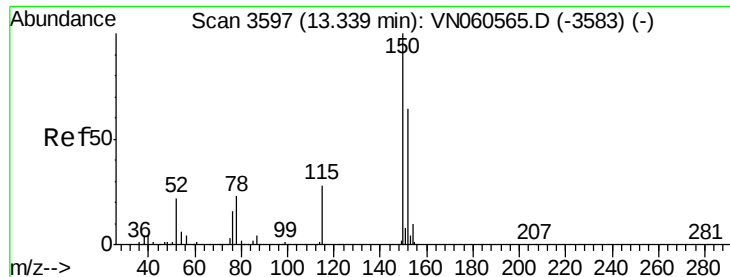
Tot Ion:117 Resp: 303665
Ion Ratio Lower Upper
117 100
82 57.1 46.7 70.1
119 31.9 25.5 38.3



#71
Bromoform
Concen: 1.720 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.26 min
Lab File: VN060580.D
Acq: 18 Mar 2020 10:25

Tgt Ion:173 Resp: 75
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# 3597

Delta R.T. -0.00 min

Lab File: VN060580.D

Acq: 18 Mar 2020 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBL02

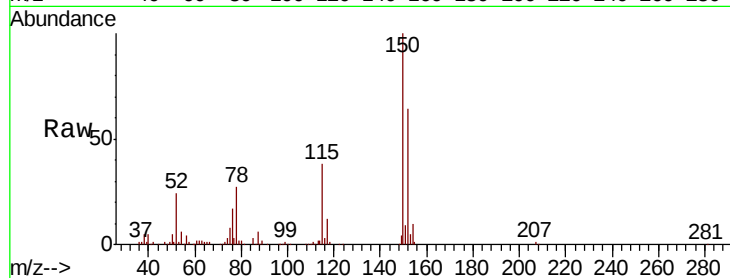
Tot Ion:152 Resp: 128884

Ion Ratio Lower Upper

152 100

115 59.9 30.2 90.6

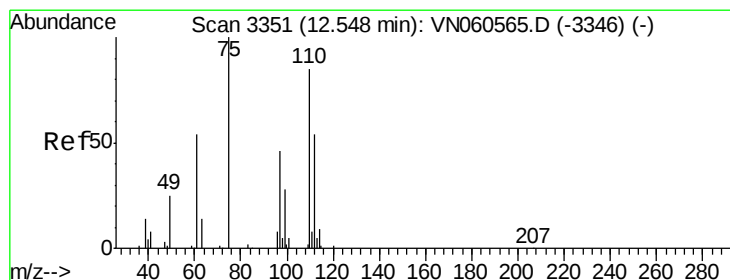
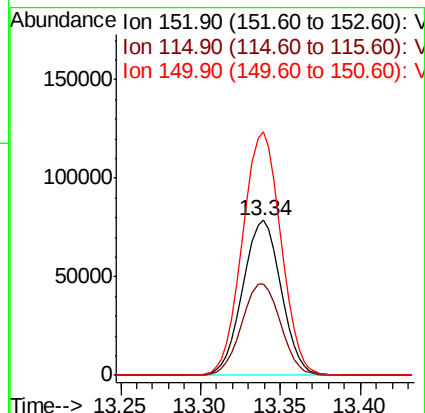
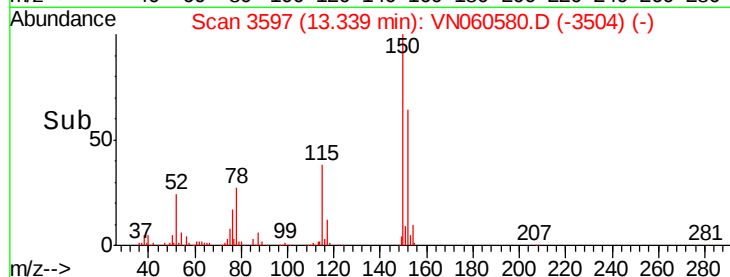
150 157.8 0.0 350.2



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: 26.317 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN060580.D

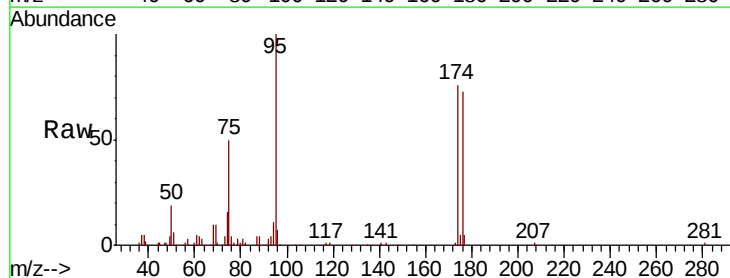
Acq: 18 Mar 2020 10:25

Tgt Ion: 75 Resp: 73190

Ion Ratio Lower Upper

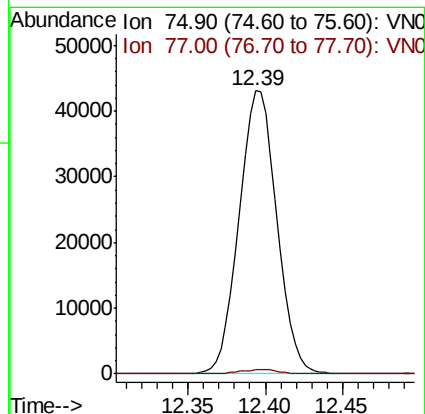
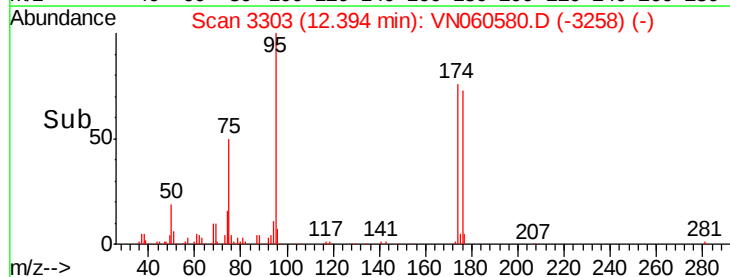
75 100

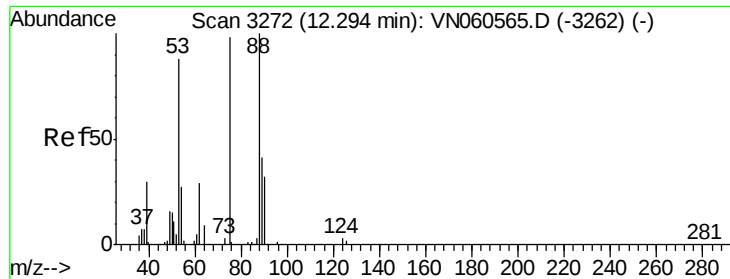
77 1.3 0.0 0.0#



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: 67.591 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN060580.D

Acq: 18 Mar 2020 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBL02

Tot Ion: 75 Resp: 73190

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#

