

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061056.D
 Acq On : 17 Apr 2020 17:16
 Operator : JC/MD
 Sample : L2337-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 01:33:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

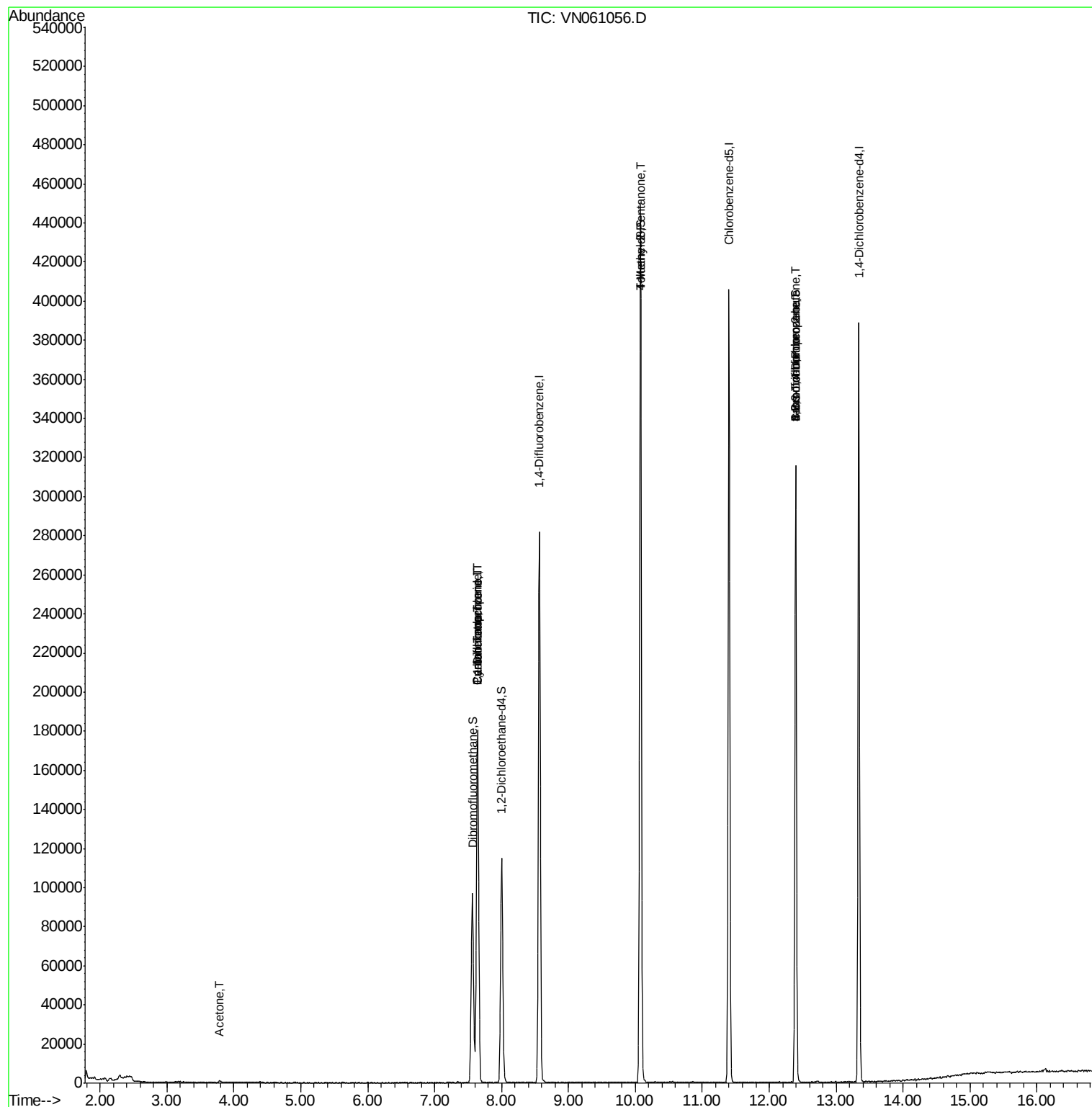
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	145311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	246891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	232347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	100828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	99532	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
35) Dibromofluoromethane	7.56	113	75114	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.08	98	306272	56.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.42%	
62) 4-Bromofluorobenzene	12.40	95	111192	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	1599	1.954	ug/l	97
31) Cyclohexane	7.64	56	2990	0.863	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11919	4.678	ug/l #	49
38) Carbon Tetrachloride	7.64	117	14253	6.721	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	1478	0.570	ug/l #	1
71) Bromoform	12.40	173	373	0.291	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	57565	25.956	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	57565	64.022	ug/l #	12

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

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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 20 01:33:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 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: VN061056.D

Acq: 17 Apr 2020 17:16

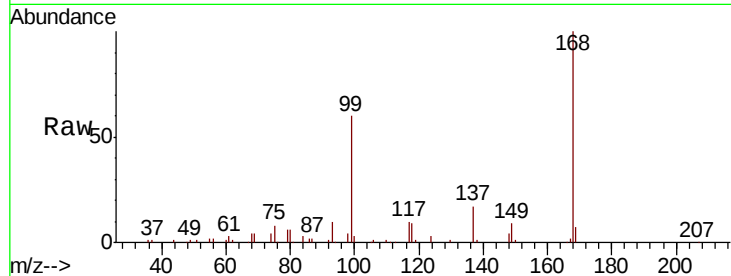
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 145311

Ion Ratio Lower Upper

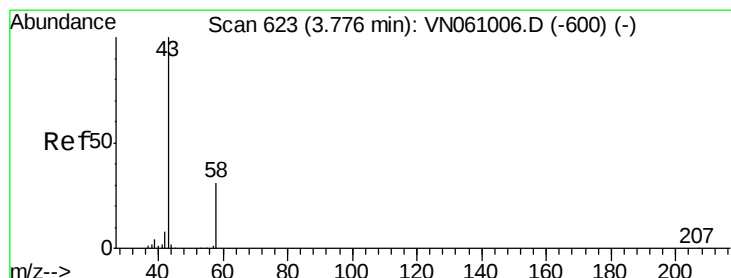
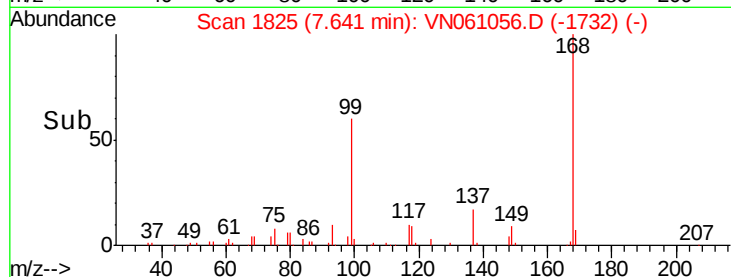
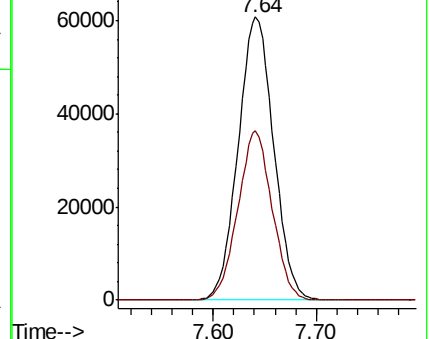
168 100

99 59.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 1.954 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061056.D

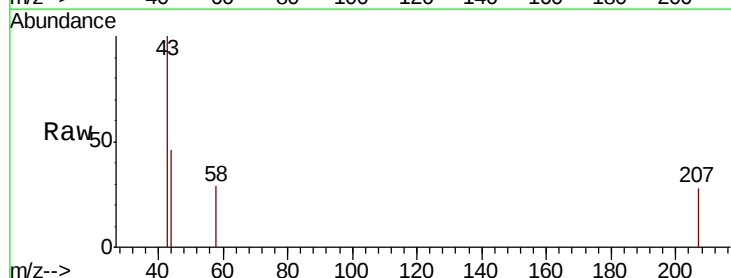
Acq: 17 Apr 2020 17:16

Tgt Ion: 43 Resp: 1599

Ion Ratio Lower Upper

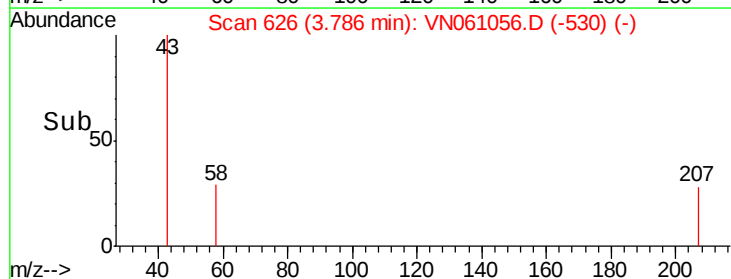
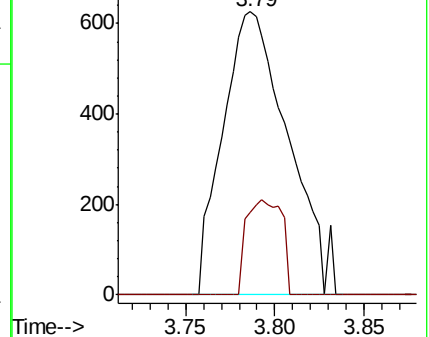
43 100

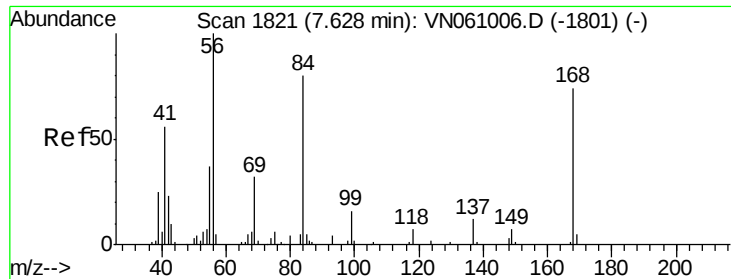
58 29.1 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

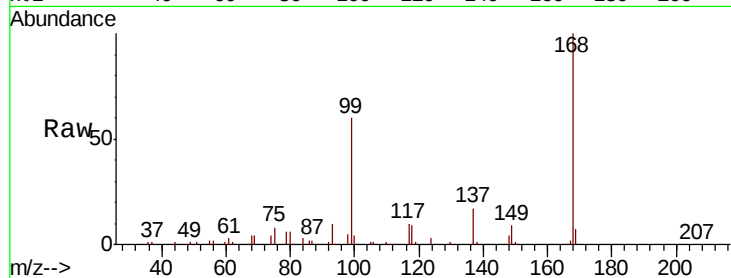




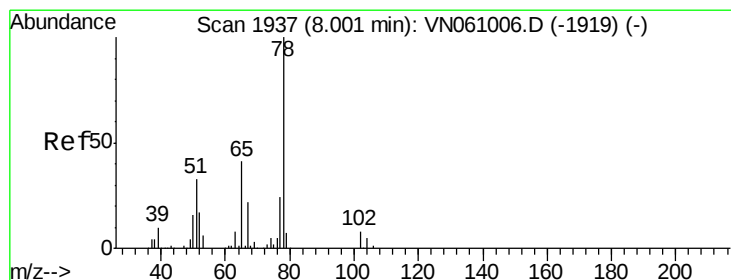
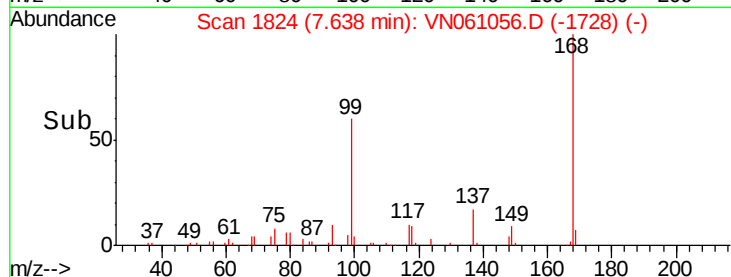
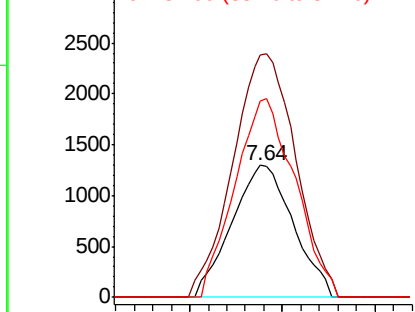
#31
Cyclohexane
Concen: 0.863 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN061056.D
Acq: 17 Apr 2020 17:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 2990
Ion Ratio Lower Upper
56 100
69 184.0 25.6 38.4#
84 149.1 63.4 95.2#

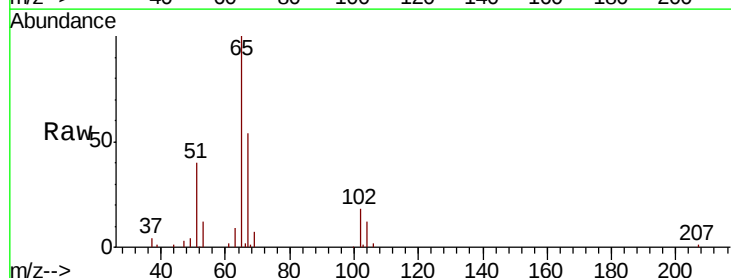


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

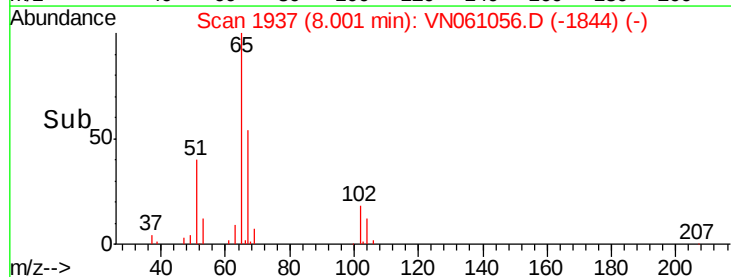
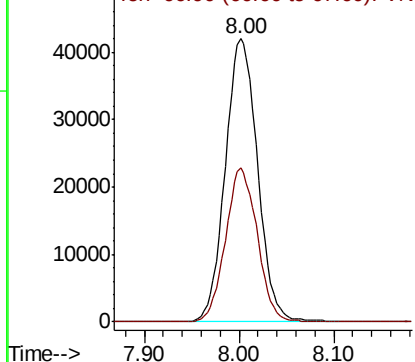


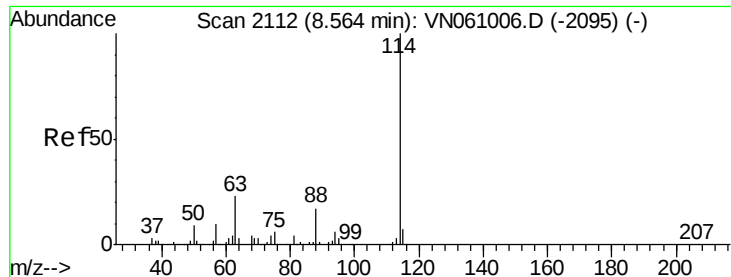
#33
1,2-Dichloroethane-d4
Concen: 53.536 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061056.D
Acq: 17 Apr 2020 17:16

Tgt Ion: 65 Resp: 99532
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.0



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

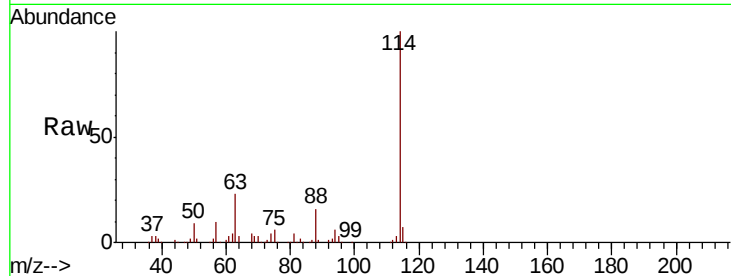




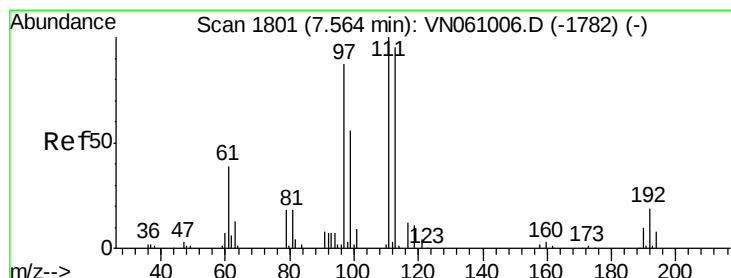
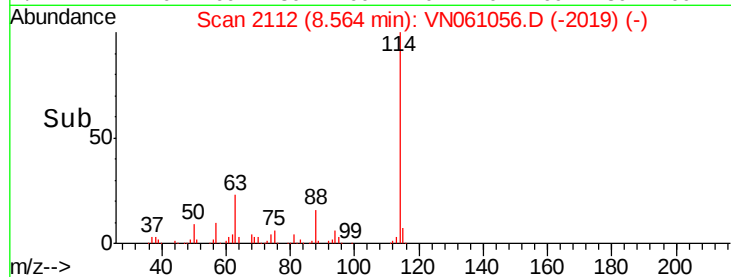
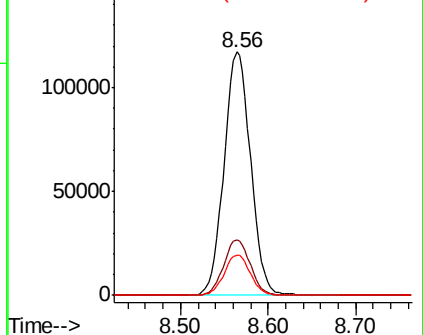
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061056.D
 Acq: 17 Apr 2020 17:16

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	46.2
88	16.5	0.0	33.4

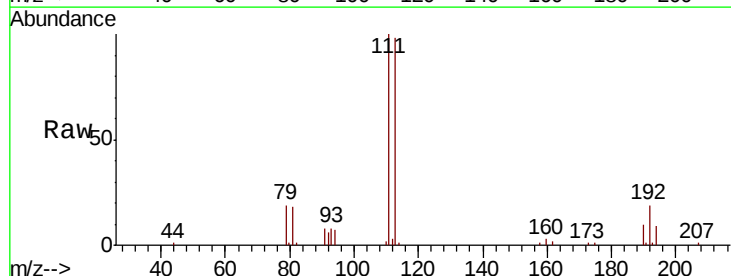


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

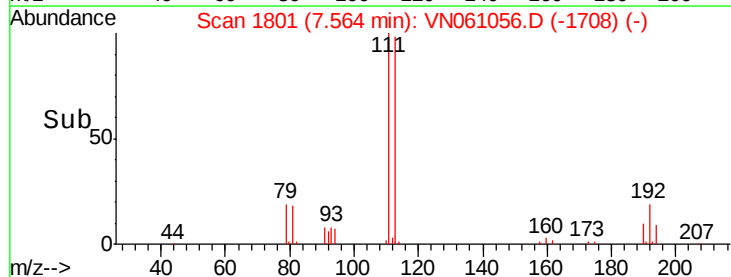
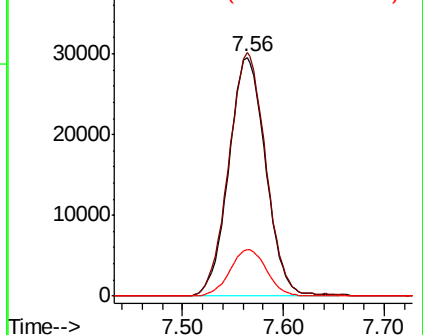


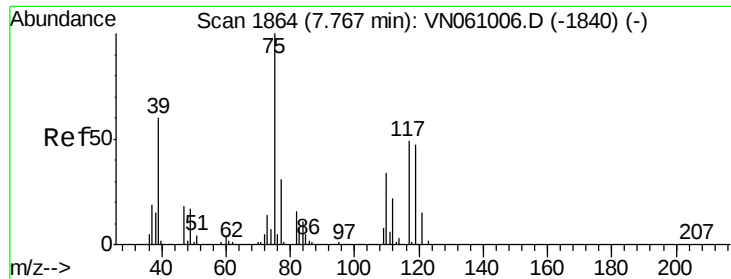
#35
 Dibromofluoromethane
 Concen: 52.097 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061056.D
 Acq: 17 Apr 2020 17:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.2
192	19.2	15.5	23.3



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: 4.678 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN061056.D

Acq: 17 Apr 2020 17:16

Instrument :
MSVOA_N
ClientSampled :

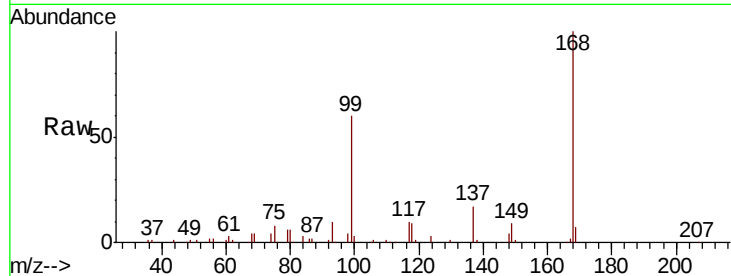
Tot Ion: 75 Resp: 11919

Ion Ratio Lower Upper

75 100

110 7.3 16.8 50.3#

77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VN061006.D (-1840) (-)

Ion 109.90 (109.60 to 110.60): VN061006.D (-1840) (-)

Ion 76.90 (76.60 to 77.60): VN061006.D (-1840) (-)

7.64

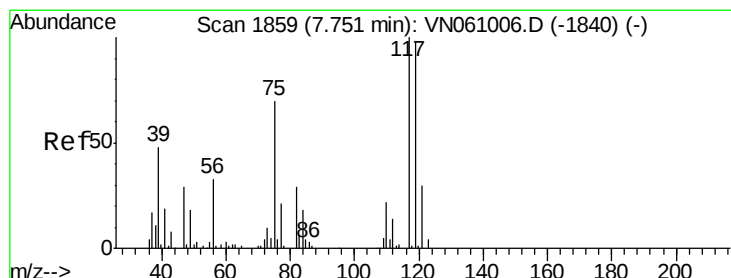
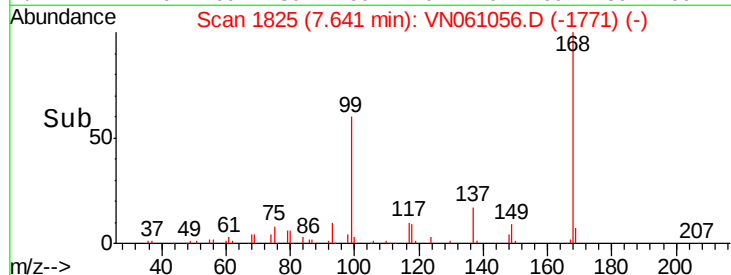
4000

2000

0

7.55 7.60 7.65 7.70

Time-->



#38

Carbon Tetrachloride

Concen: 6.721 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN061056.D

Acq: 17 Apr 2020 17:16

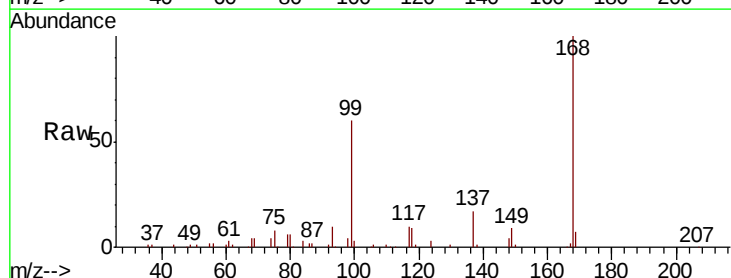
Tgt Ion: 117 Resp: 14253

Ion Ratio Lower Upper

117 100

119 5.6 78.1 117.1#

121 0.0 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): VN061006.D (-1840) (-)

Ion 118.80 (118.50 to 119.50): VN061006.D (-1840) (-)

Ion 120.80 (120.50 to 121.50): VN061006.D (-1840) (-)

7.64

8000

6000

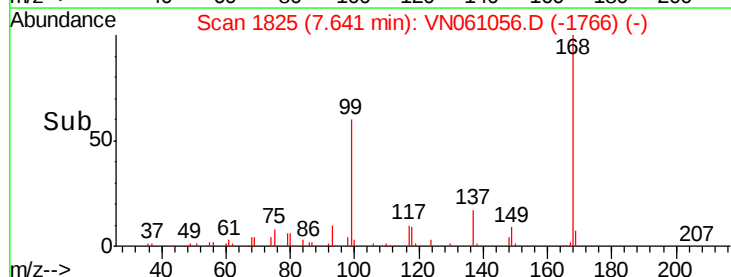
4000

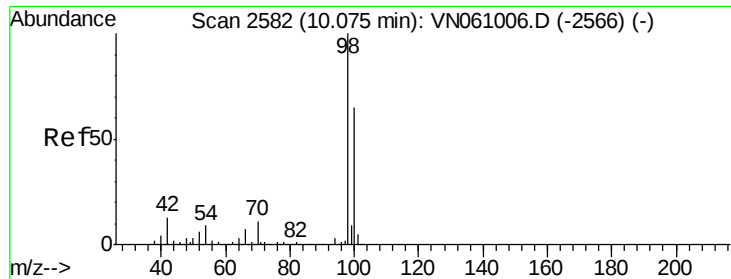
2000

0

7.55 7.60 7.65 7.70

Time-->





#50

Toluene-d8

Concen: 56.214 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061056.D

Acq: 17 Apr 2020 17:16

Instrument :

MSVOA_N

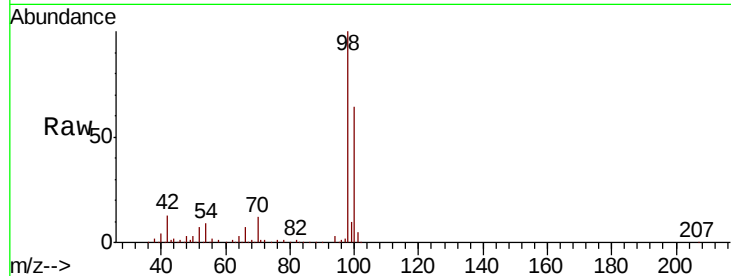
ClientSampleId :

Tot Ion: 98 Resp: 306272

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN061006.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN061006.D (-2566) (-)

10.08

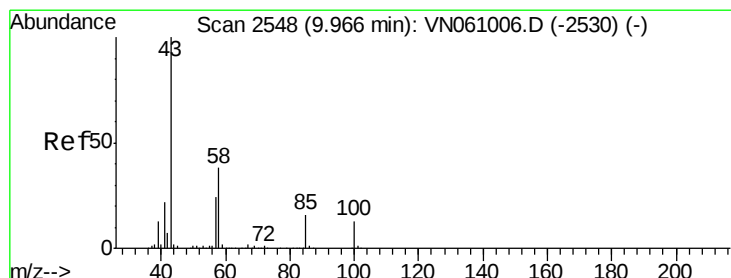
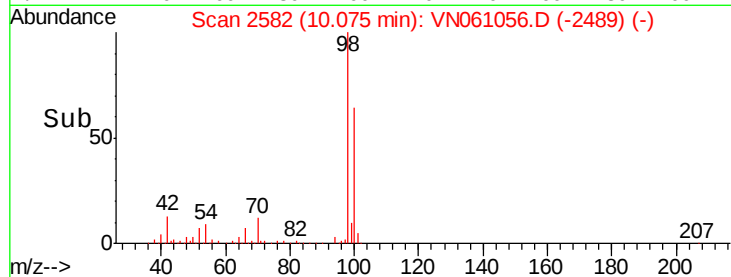
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.570 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.11 min

Lab File: VN061056.D

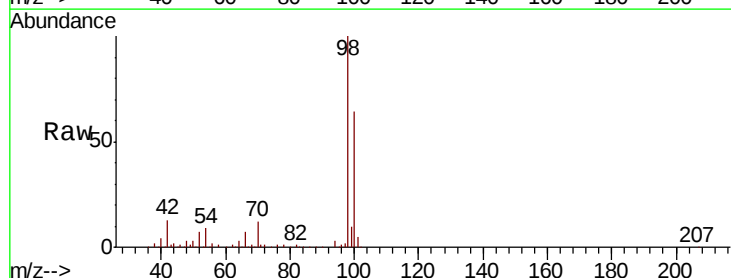
Acq: 17 Apr 2020 17:16

Tgt Ion: 43 Resp: 1478

Ion Ratio Lower Upper

43 100

58 181.7 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2530) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-2530) (-)

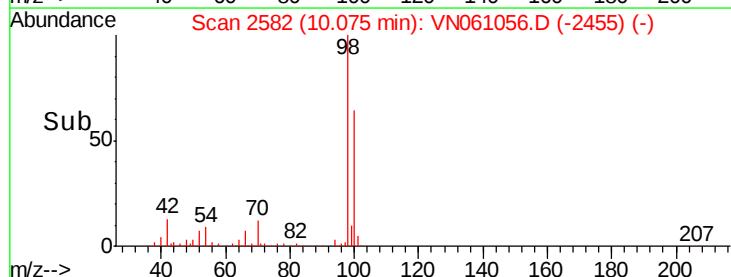
1500

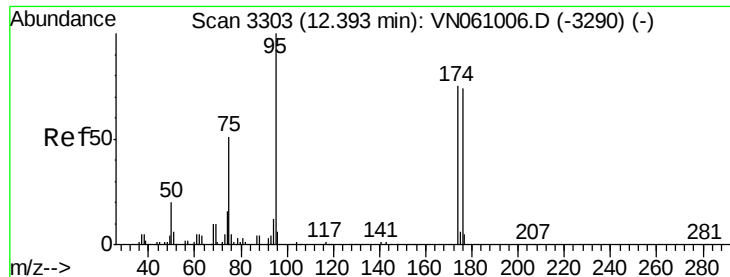
1000

500

0

Time-->

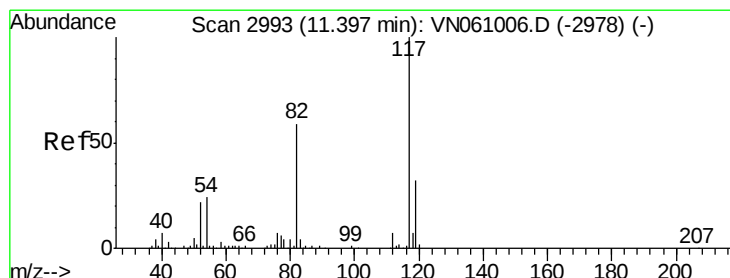
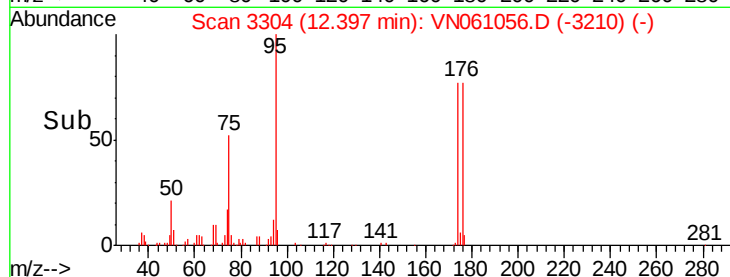
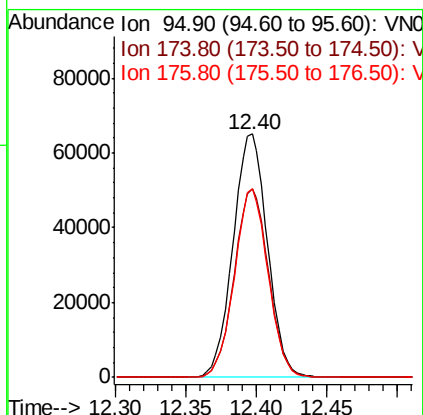
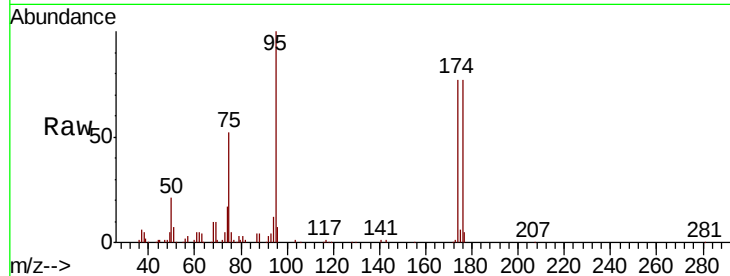




#62
4-Bromofluorobenzene
Concen: 52.072 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN061056.D
Acq: 17 Apr 2020 17:16

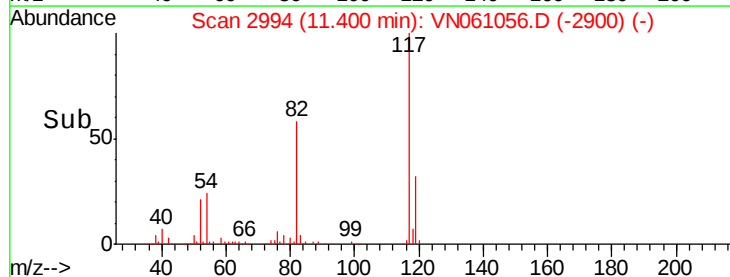
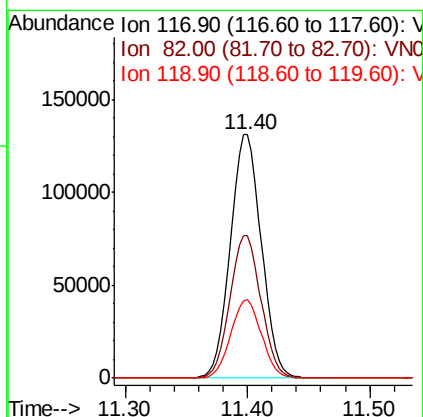
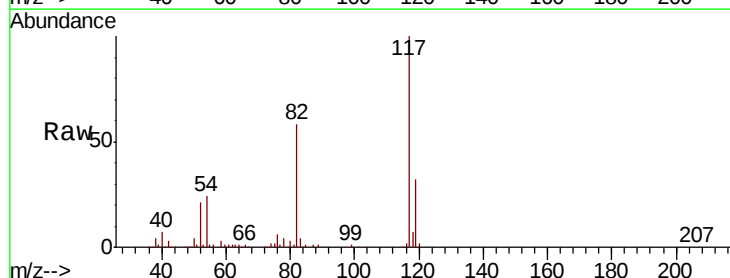
Instrument :
MSVOA_N
ClientSampleId :

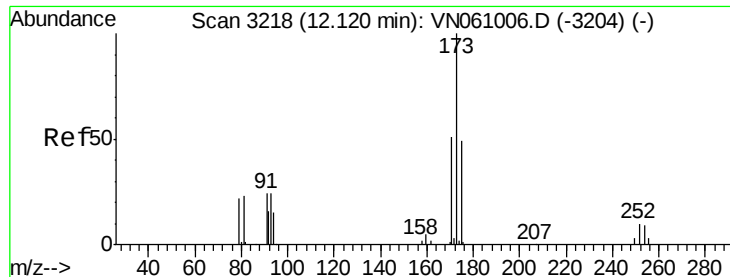
Tot Ion: 95 Resp: 111192
Ion Ratio Lower Upper
95 100
174 77.2 0.0 151.2
176 75.4 0.0 148.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN061056.D
Acq: 17 Apr 2020 17:16

Tgt Ion: 117 Resp: 232347
Ion Ratio Lower Upper
117 100
82 58.4 47.1 70.7
119 32.1 25.7 38.5





#71

Bromoform

Concen: 0.291 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.28 min

Lab File: VN061056.D

Acq: 17 Apr 2020 17:16

Instrument :

MSVOA_N

ClientSampled :

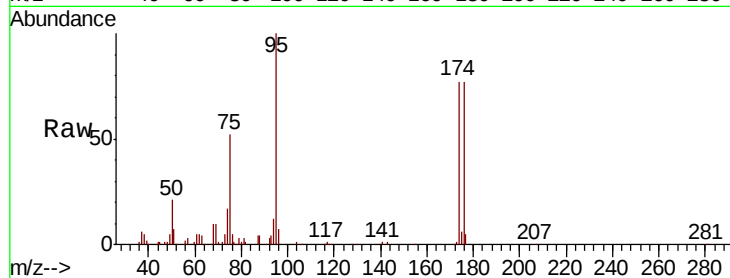
Tot Ion:173 Resp: 373

Ion Ratio Lower Upper

173 100

175 1418.0 24.5 73.5#

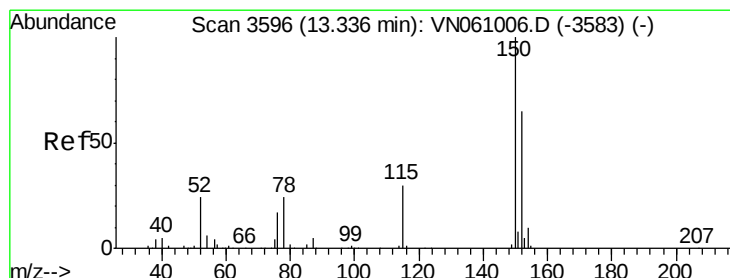
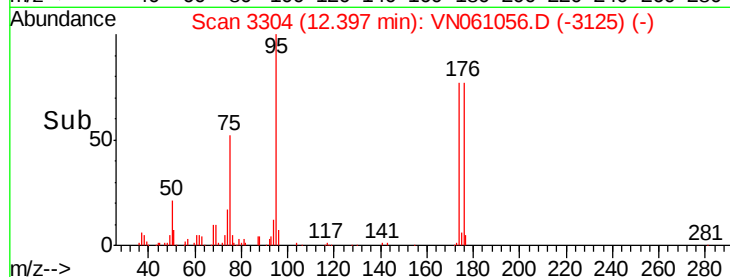
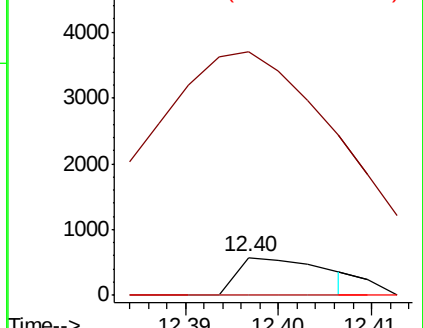
254 0.0 0.0 0.0



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: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061056.D

Acq: 17 Apr 2020 17:16

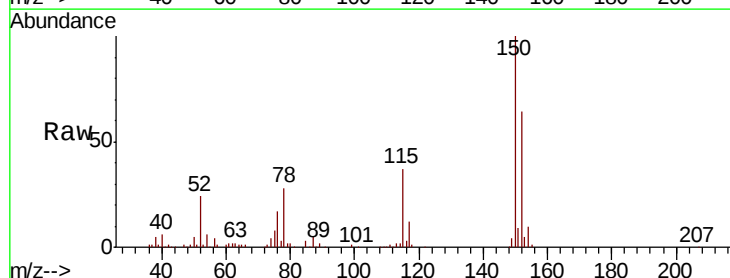
Tgt Ion:152 Resp: 100828

Ion Ratio Lower Upper

152 100

115 60.2 30.8 92.4

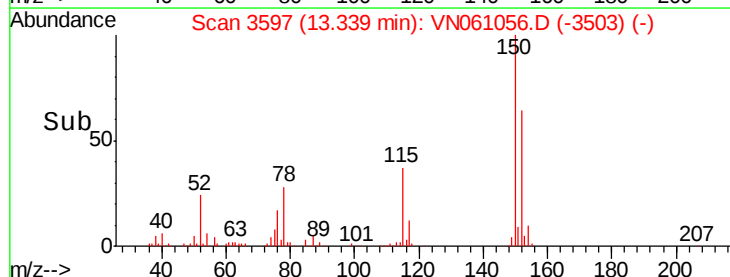
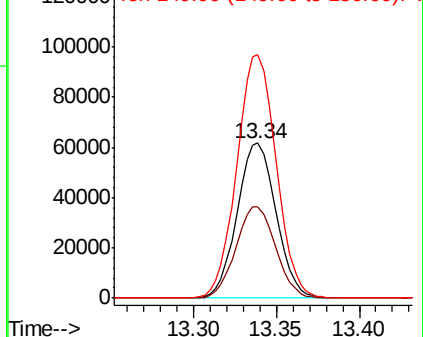
150 158.8 0.0 349.0

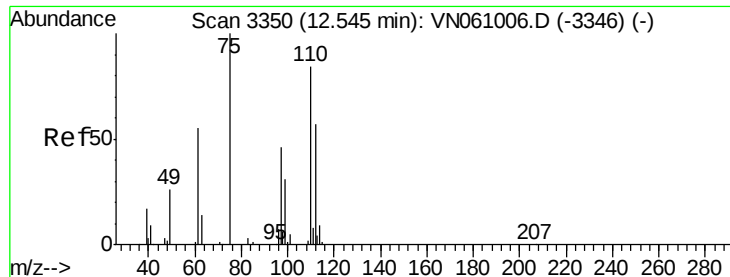


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.956 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061056.D

Acq: 17 Apr 2020 17:16

Instrument :

MSVOA_N

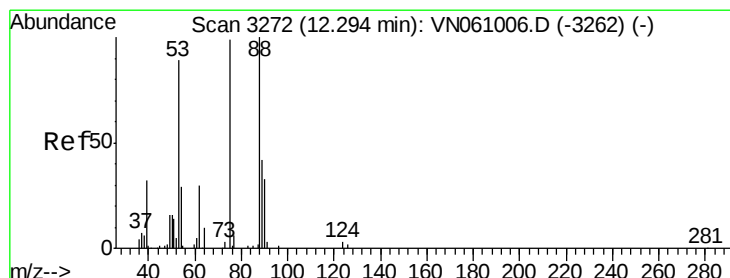
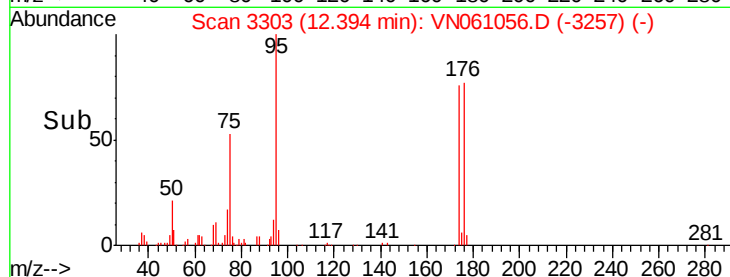
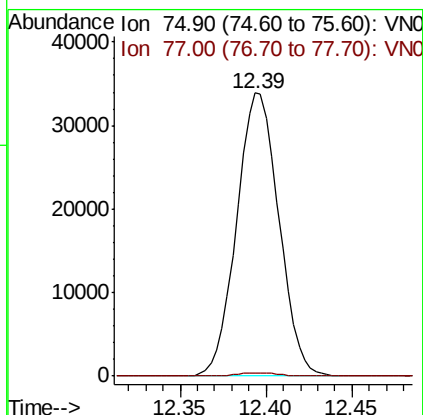
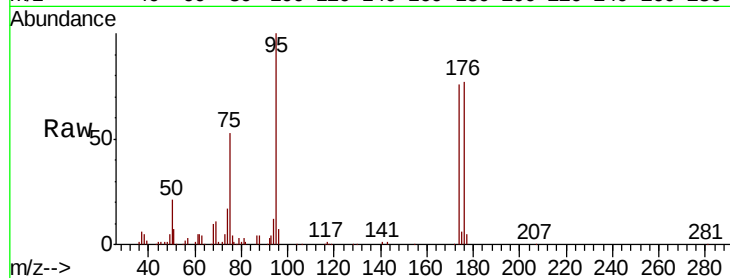
ClientSampleId :

Tot Ion: 75 Resp: 57565

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.022 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061056.D

Acq: 17 Apr 2020 17:16

Tgt Ion: 75 Resp: 57565

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

