

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061058.D
 Acq On : 17 Apr 2020 18:02
 Operator : JC/MD
 Sample : L2337-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 01:33:30 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

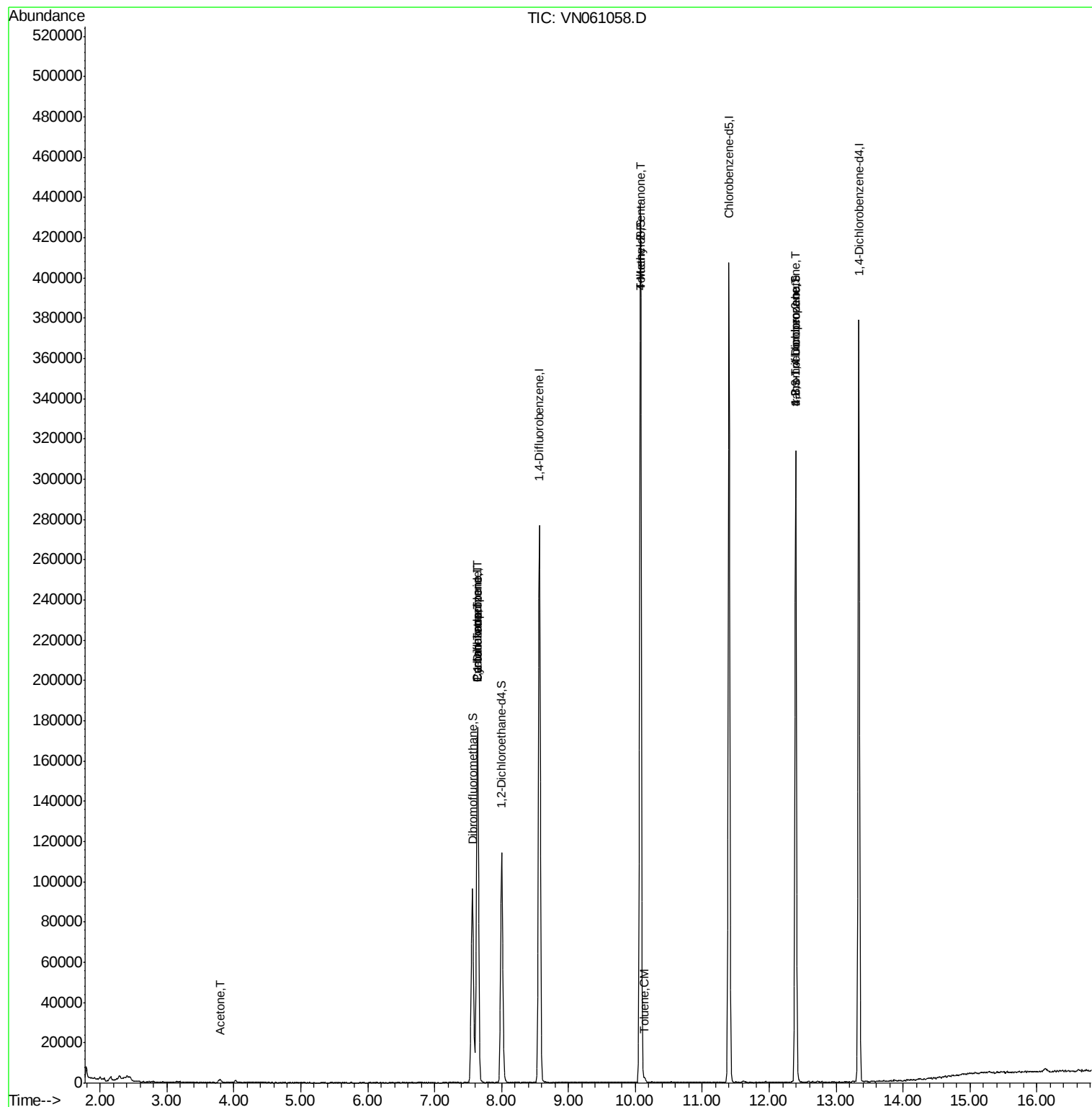
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	141427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	242942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	227273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	98265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97438	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
35) Dibromofluoromethane	7.56	113	73764	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
50) Toluene-d8	10.08	98	299640	55.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.78%	
62) 4-Bromofluorobenzene	12.40	95	111052	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	3022	3.794	ug/l	99
31) Cyclohexane	7.64	56	3010	0.893	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11300	4.507	ug/l #	50
38) Carbon Tetrachloride	7.64	117	13782	6.605	ug/l #	15
51) 4-Methyl-2-Pentanone	10.08	43	1400	0.549	ug/l #	1
52) Toluene	10.14	92	972	0.218	ug/l	95
76) 1,2,3-Trichloropropane	12.40	75	57066	26.402	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	57066	65.123	ug/l #	12

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

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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 20 01:33:30 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: VN061058.D

Acq: 17 Apr 2020 18:02

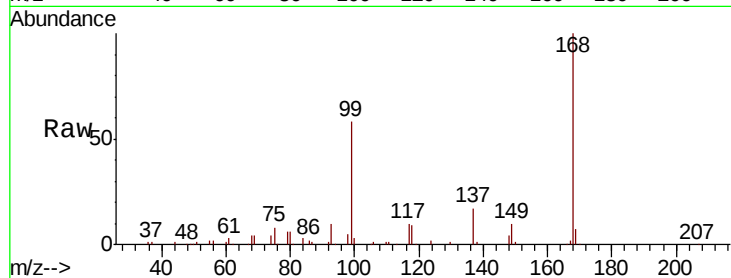
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 141427

Ion Ratio Lower Upper

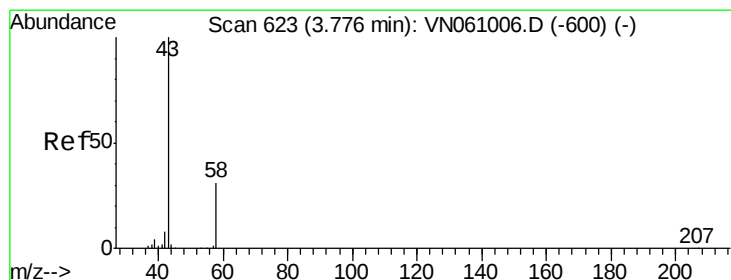
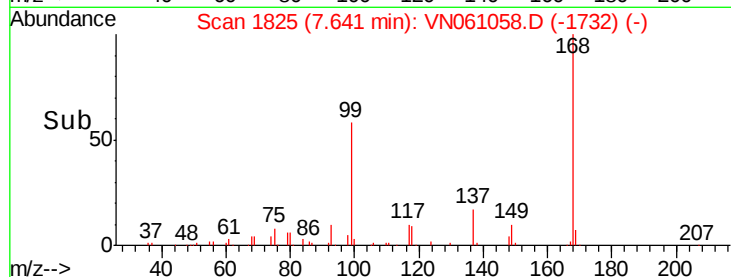
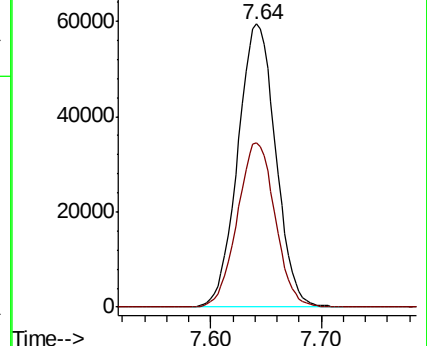
168 100

99 58.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 3.794 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.02 min

Lab File: VN061058.D

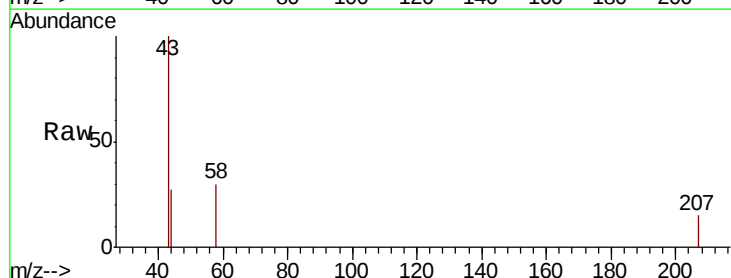
Acq: 17 Apr 2020 18:02

Tgt Ion: 43 Resp: 3022

Ion Ratio Lower Upper

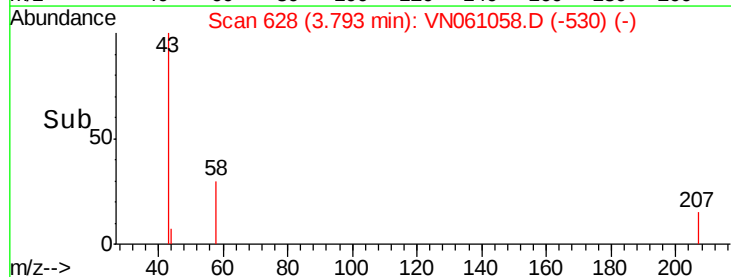
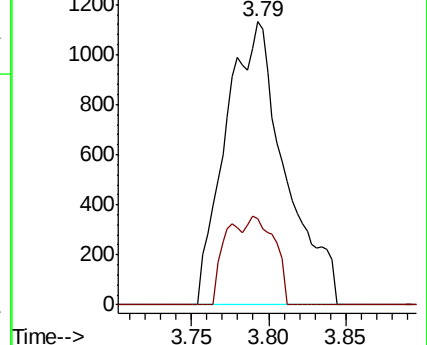
43 100

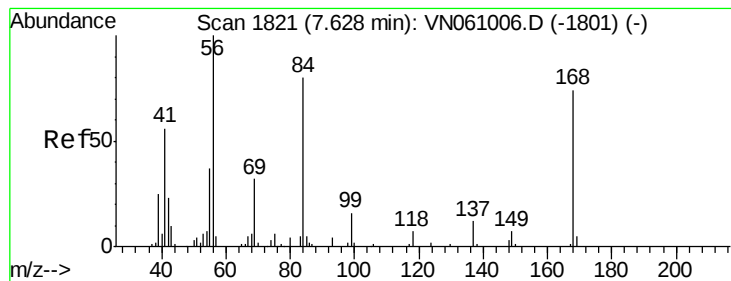
58 30.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#31

Cyclohexane

Concen: 0.893 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN061058.D

Acq: 17 Apr 2020 18:02

Instrument :

MSVOA_N

ClientSampled :

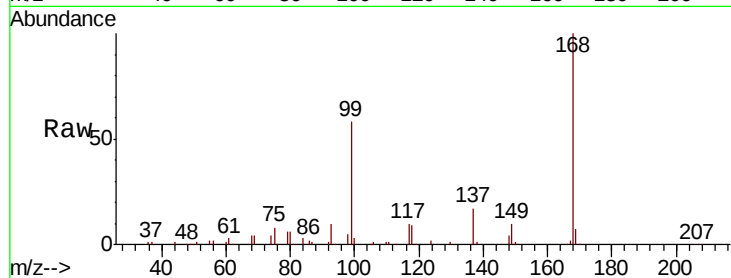
Tot Ion: 56 Resp: 3010

Ion Ratio Lower Upper

56 100

69 180.4 25.6 38.4#

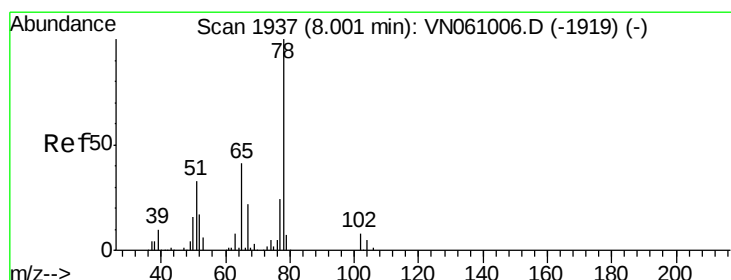
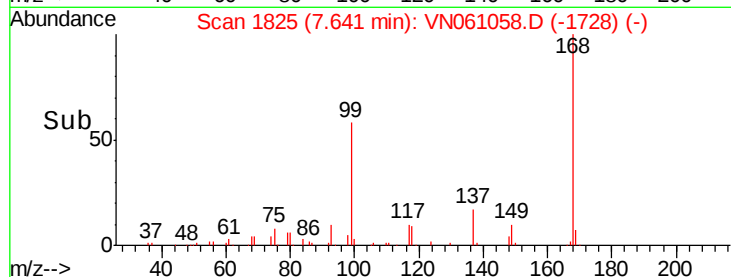
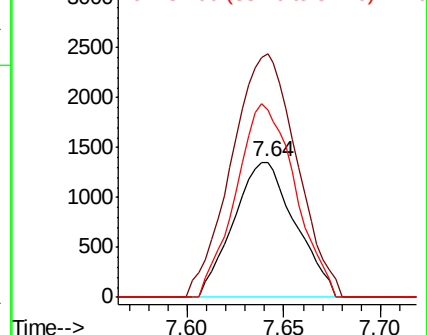
84 139.1 63.4 95.2#



Abundance Ion 56.00 (55.70 to 56.70): VN061006.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN061006.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN061006.D (-1801) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.849 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061058.D

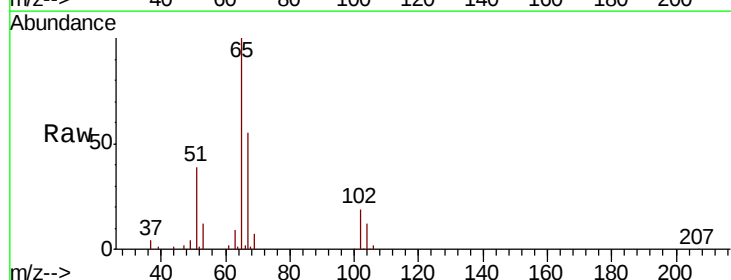
Acq: 17 Apr 2020 18:02

Tgt Ion: 65 Resp: 97438

Ion Ratio Lower Upper

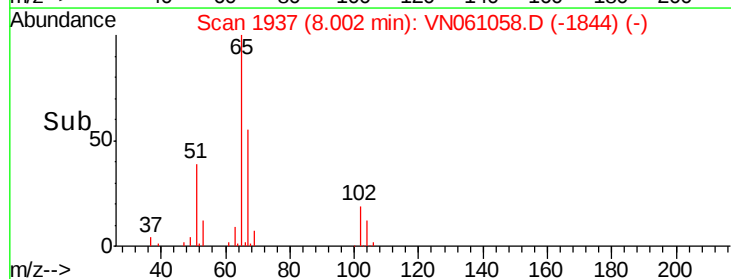
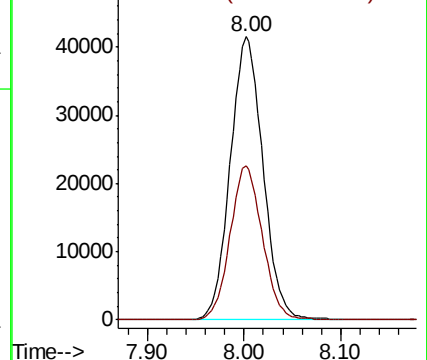
65 100

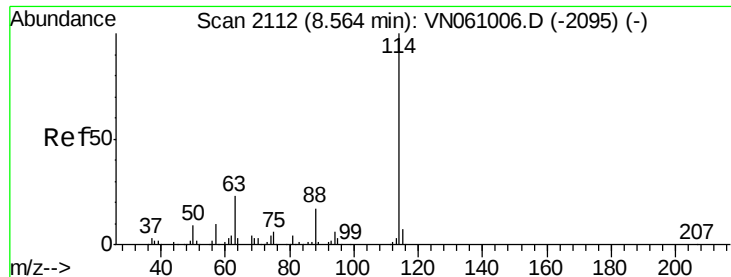
67 53.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN061006.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN061006.D (-1919) (-)

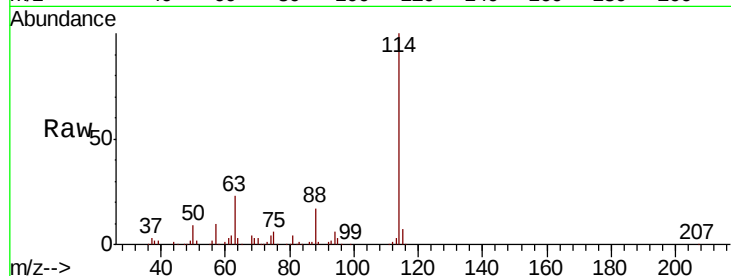




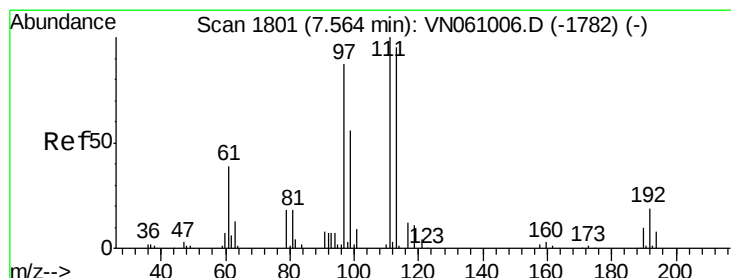
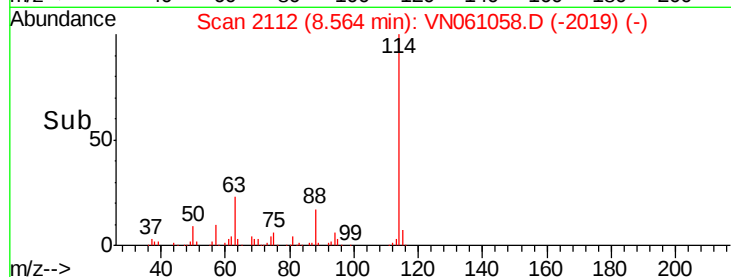
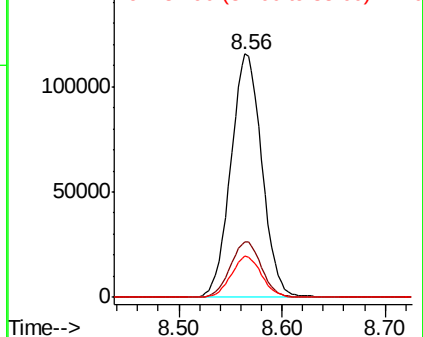
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061058.D
 Acq: 17 Apr 2020 18:02

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	46.2
88	16.8	0.0	33.4

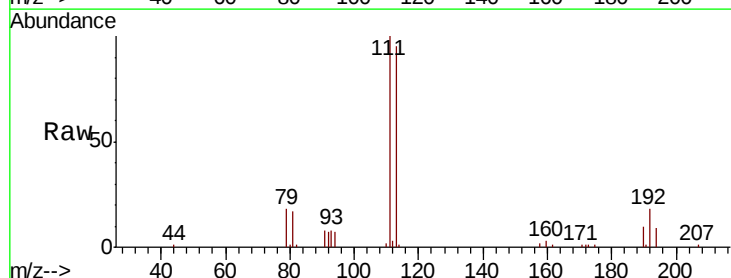


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

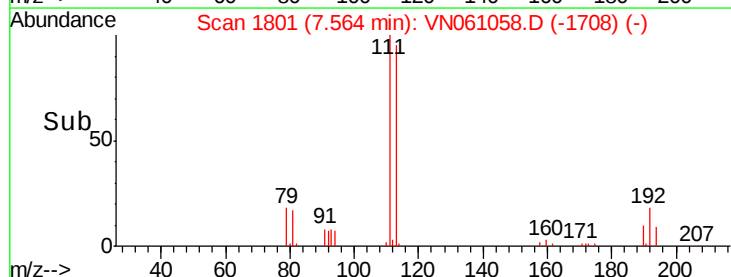
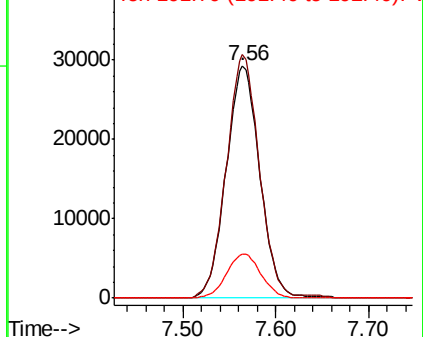


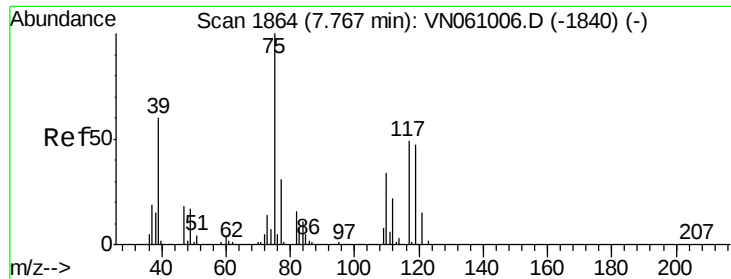
#35
 Dibromofluoromethane
 Concen: 51.992 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061058.D
 Acq: 17 Apr 2020 18:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.4	125.2
192	19.3	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

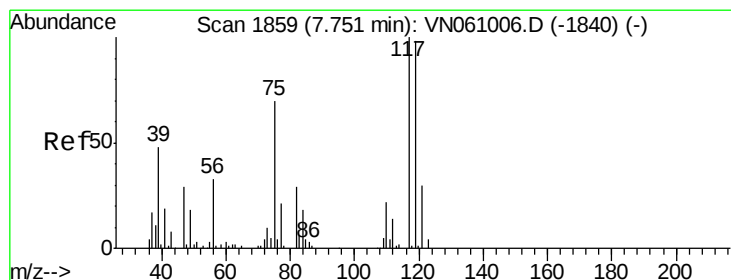
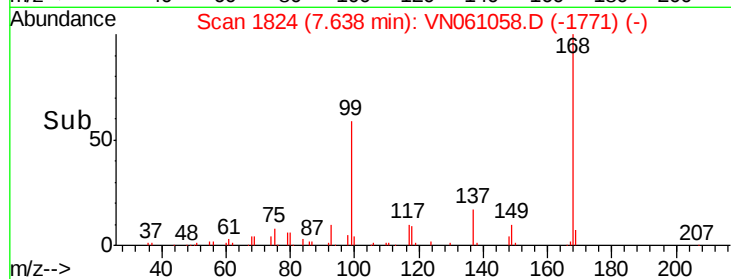
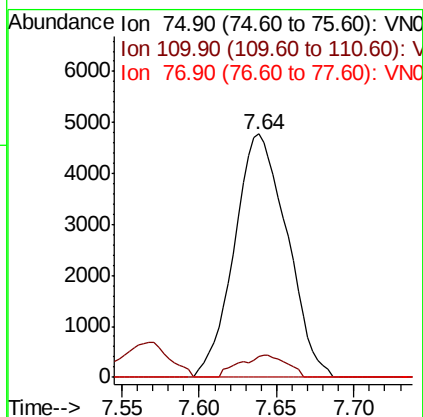
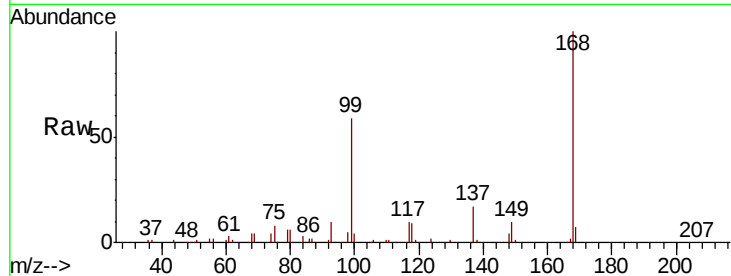




#36
 1,1-Dichloropropene
 Concen: 4.507 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN061058.D
 Acq: 17 Apr 2020 18:02

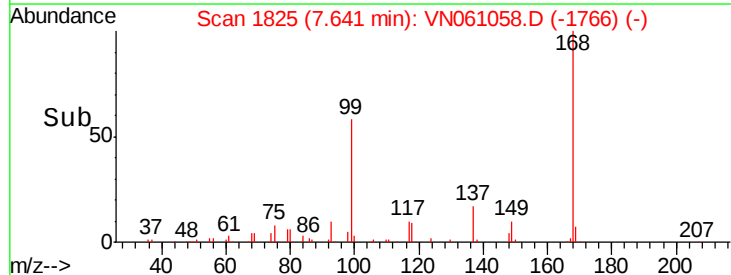
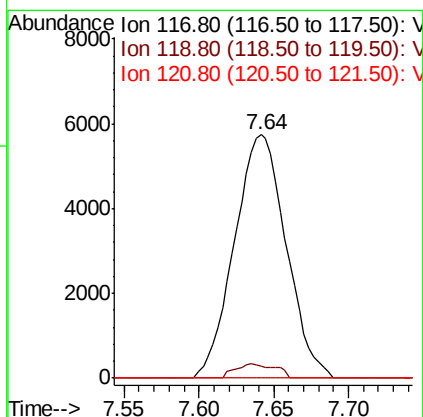
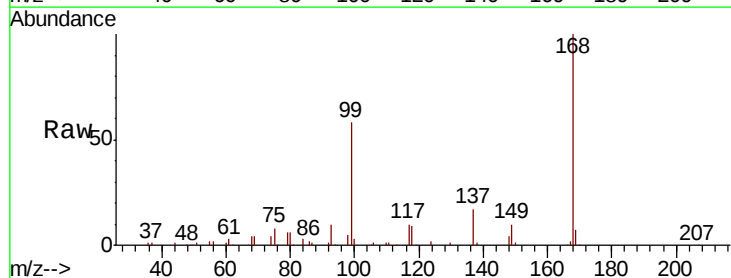
Instrument :
 MSVOA_N
 ClientSampled :

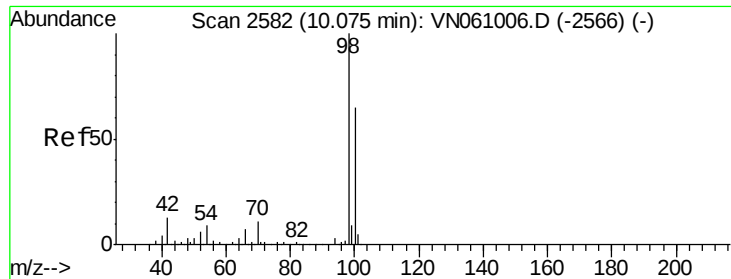
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.605 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN061058.D
 Acq: 17 Apr 2020 18:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.1	117.1#
121	0.0	24.0	36.0#

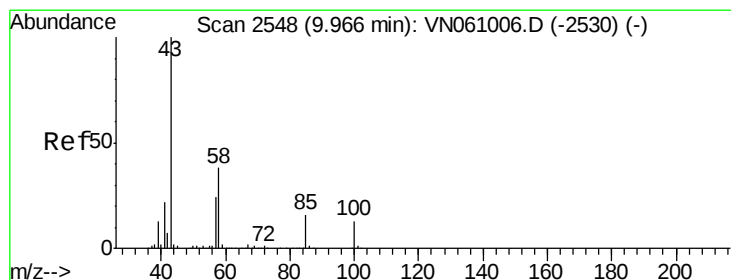
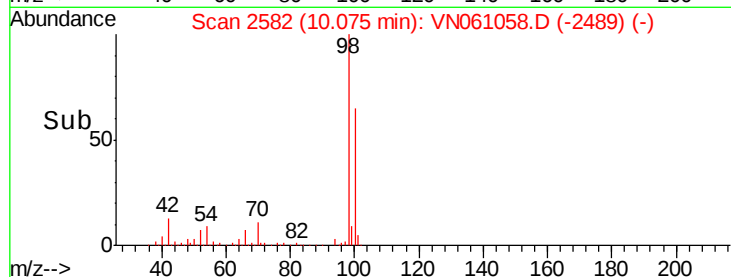
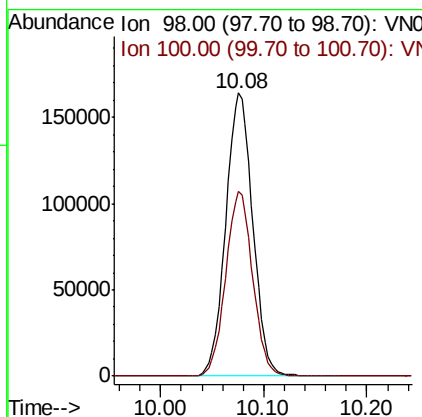
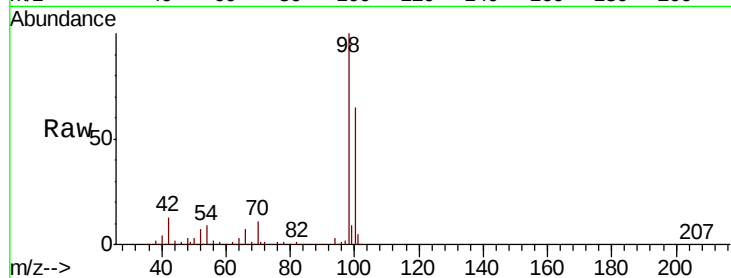




#50
Toluene-d8
Concen: 55.891 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061058.D
Acq: 17 Apr 2020 18:02

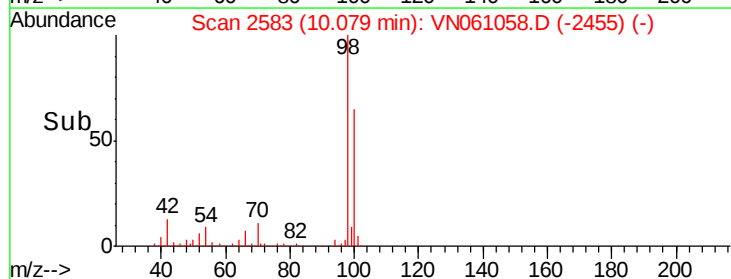
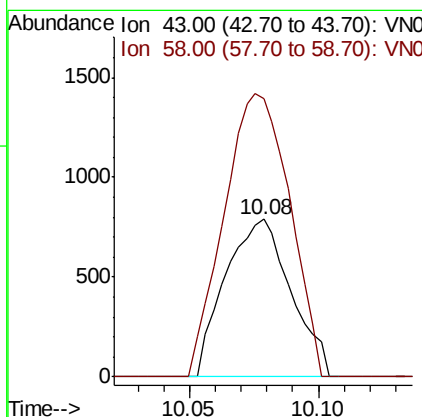
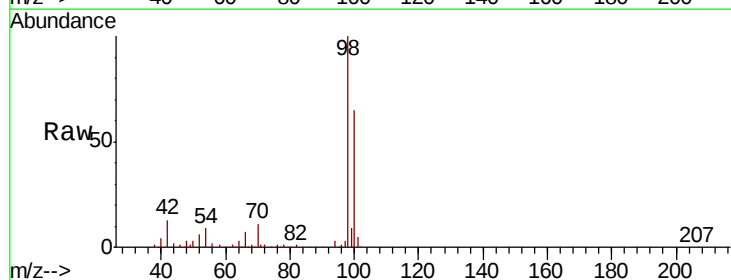
Instrument :
MSVOA_N
ClientSampleId :

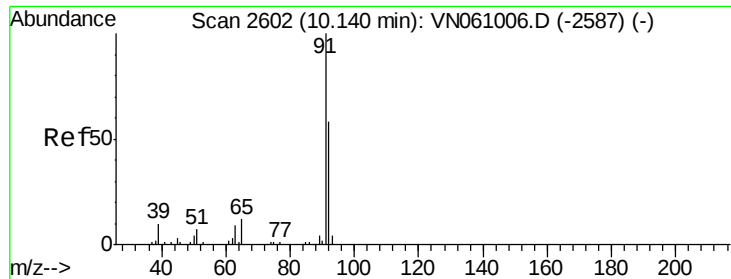
Tot Ion: 98 Resp: 299640
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.11 min
Lab File: VN061058.D
Acq: 17 Apr 2020 18:02

Tgt Ion: 43 Resp: 1400
Ion Ratio Lower Upper
43 100
58 179.9 30.3 45.5#





#52

Toluene

Concen: 0.218 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN061058.D

Acq: 17 Apr 2020 18:02

Instrument :

MSVOA_N

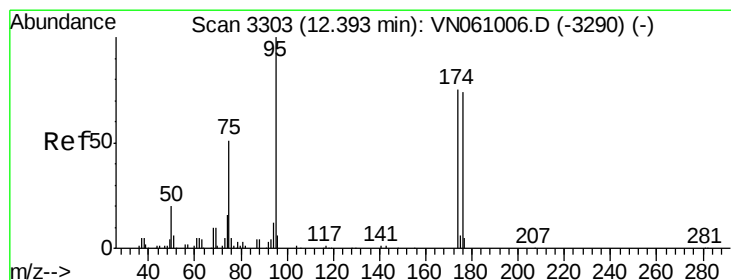
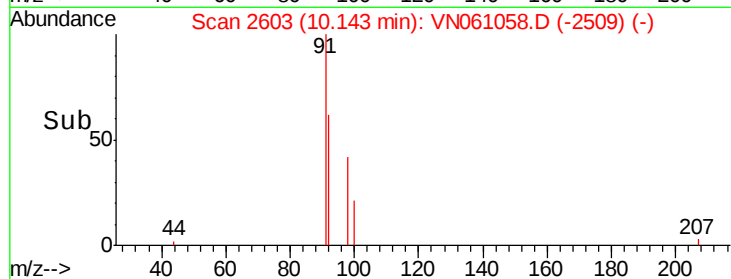
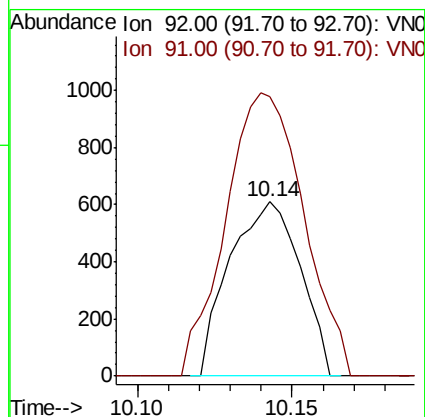
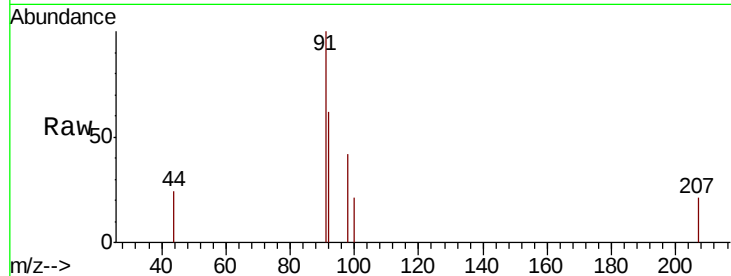
ClientSampled :

Tot Ion: 92 Resp: 972

Ion Ratio Lower Upper

92 100

91 179.0 137.7 206.5



#62

4-Bromofluorobenzene

Concen: 52.852 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061058.D

Acq: 17 Apr 2020 18:02

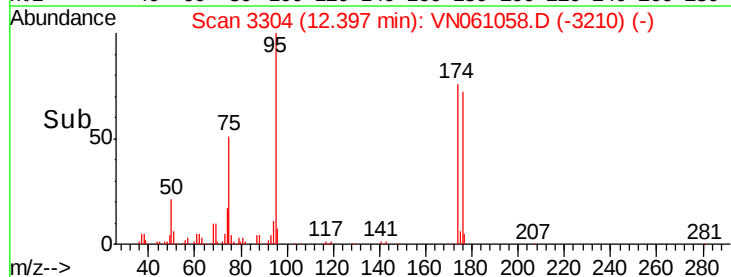
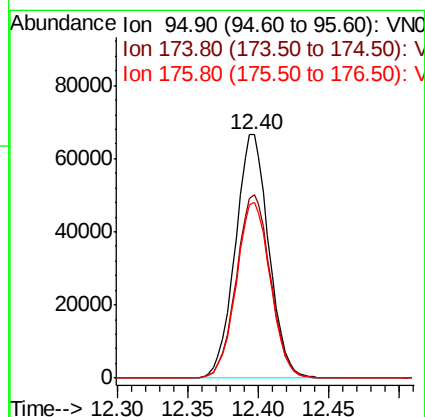
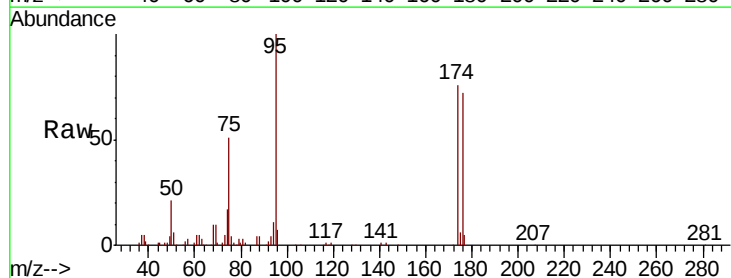
Tgt Ion: 95 Resp: 111052

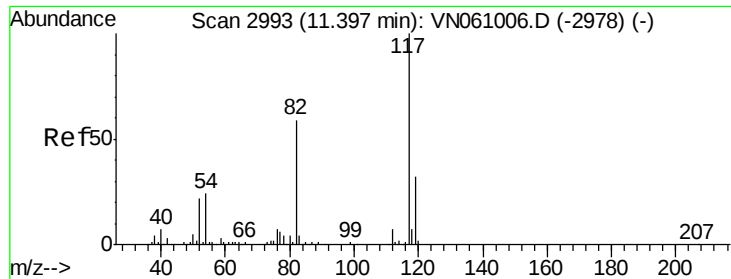
Ion Ratio Lower Upper

95 100

174 76.5 0.0 151.2

176 73.3 0.0 148.2

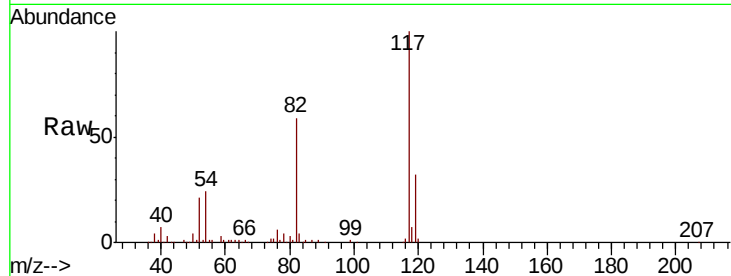




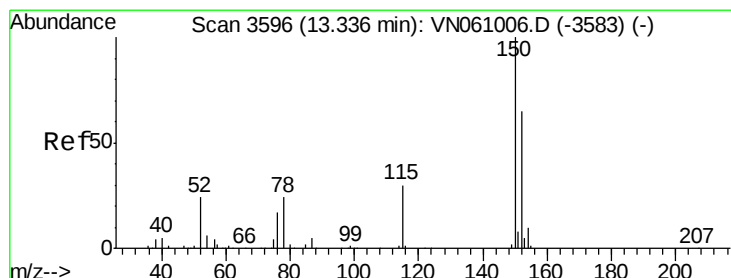
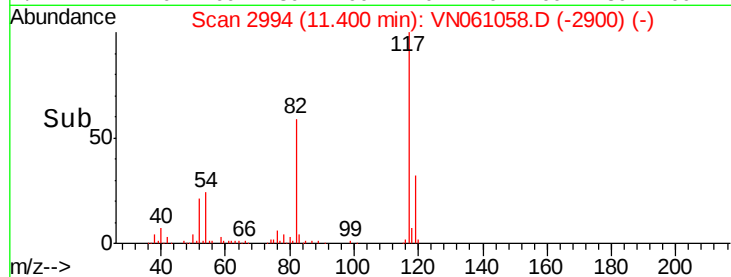
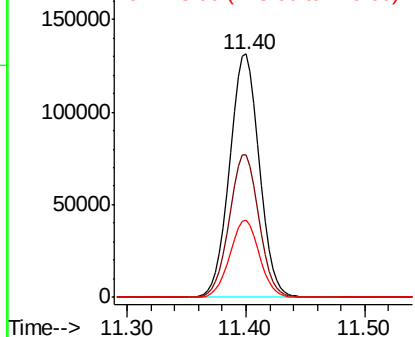
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN061058.D
Acq: 17 Apr 2020 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 227273
Ion Ratio Lower Upper
117 100
82 58.5 47.1 70.7
119 31.9 25.7 38.5

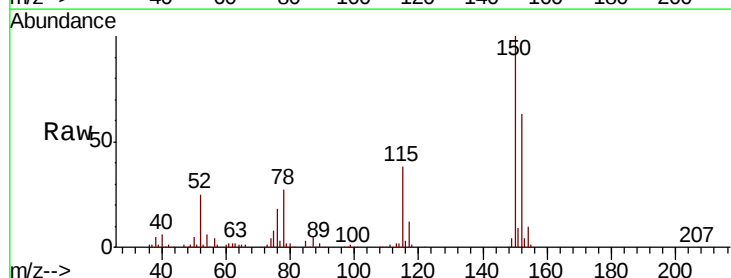


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

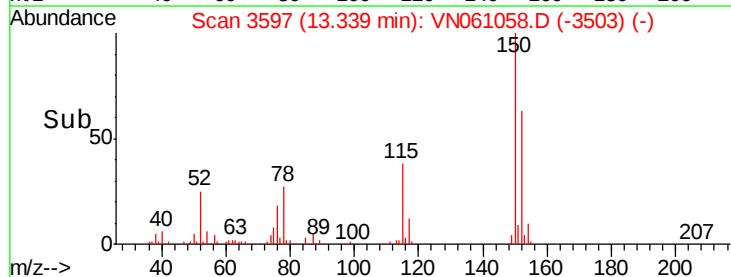
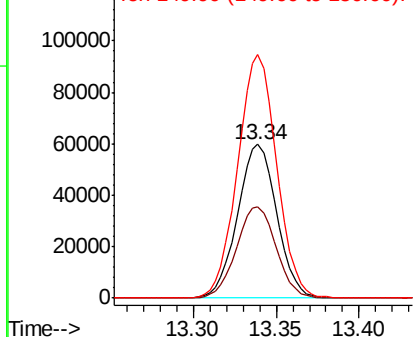


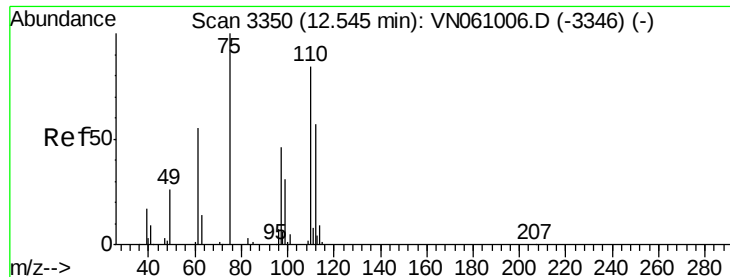
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061058.D
Acq: 17 Apr 2020 18:02

Tgt Ion:152 Resp: 98265
Ion Ratio Lower Upper
152 100
115 60.2 30.8 92.4
150 157.7 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: 26.402 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN061058.D

Acq: 17 Apr 2020 18:02

Instrument :

MSVOA_N

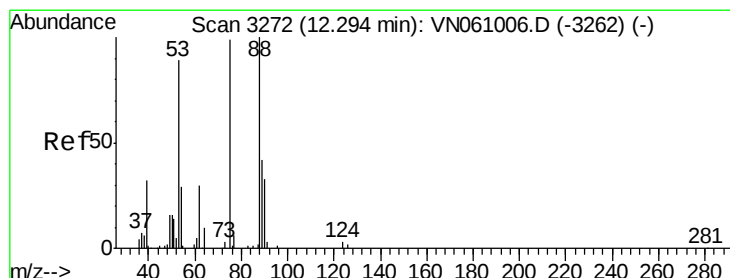
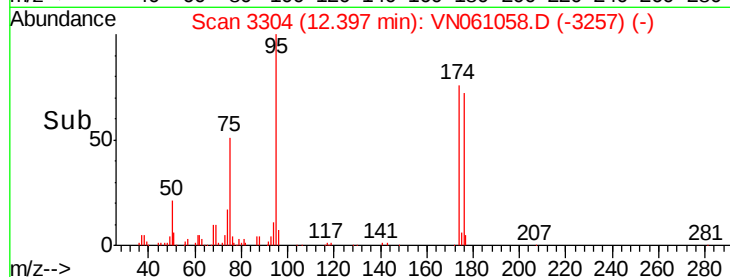
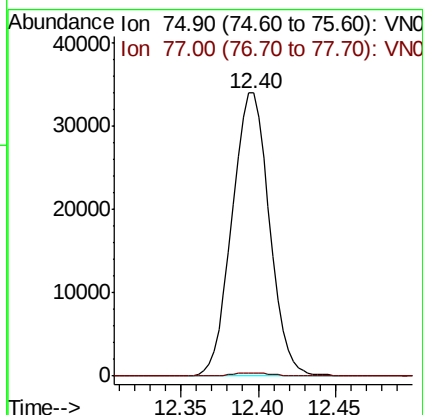
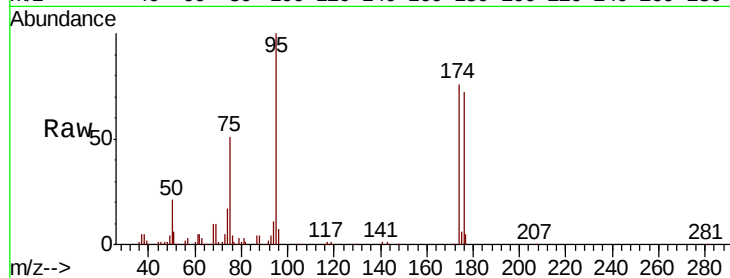
ClientSampleId :

Tot Ion: 75 Resp: 57066

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.123 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN061058.D

Acq: 17 Apr 2020 18:02

Tgt Ion: 75 Resp: 57066

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

