

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061275.D
 Acq On : 4 May 2020 14:07
 Operator : JC/MD
 Sample : L2457-03 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 05 03:43:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

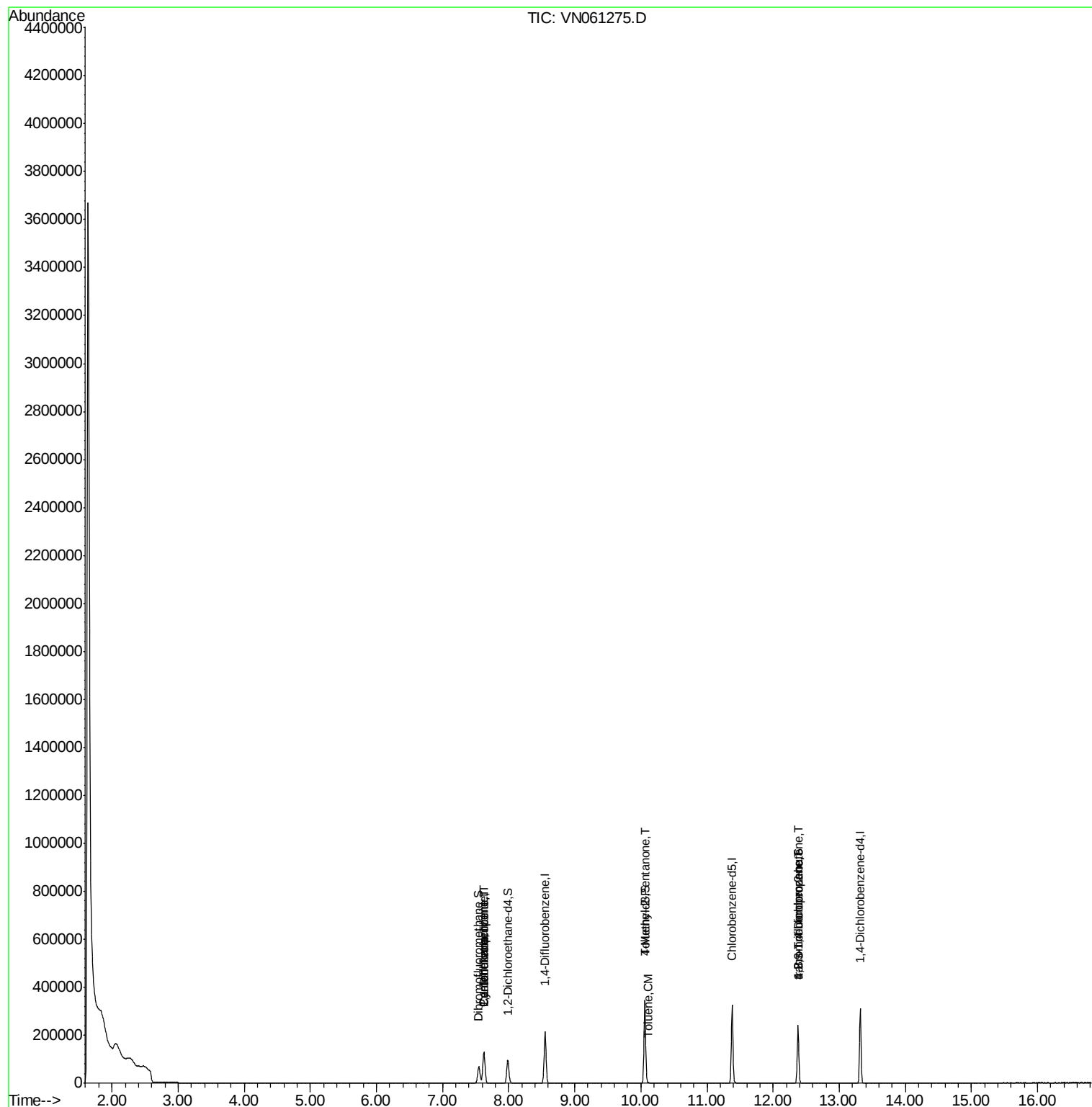
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	100978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	180559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	173595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	77086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	82599	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	7.55	113	53254	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	10.06	98	225075	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.38	95	84280	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
Target Compounds						
16) Acetone	3.77	43	1513	Below Cal	#	47
31) Cyclohexane	7.63	56	2651	1.141	ug/l #	2
36) 1,1-Dichloropropene	7.63	75	9201	5.091	ug/l #	51
38) Carbon Tetrachloride	7.63	117	10926	8.609	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	1248	0.603	ug/l #	1
52) Toluene	10.12	92	659	0.203	ug/l	97
76) 1,2,3-Trichloropropane	12.38	75	46019	28.316	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	46019	71.909	ug/l #	8

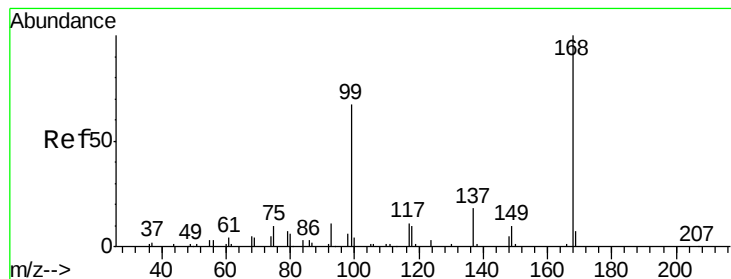
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061275.D

Acq: 4 May 2020 14:07

Instrument :

MSVOA_N

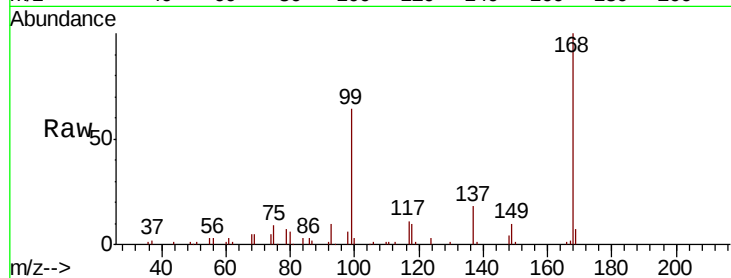
ClientSampled :

Tot Ion:168 Resp: 100978

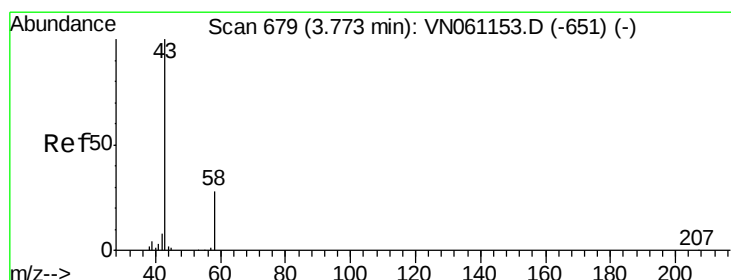
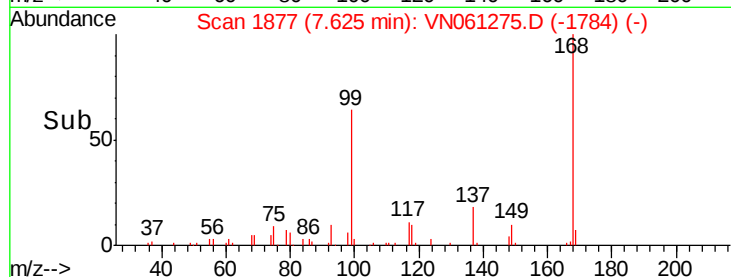
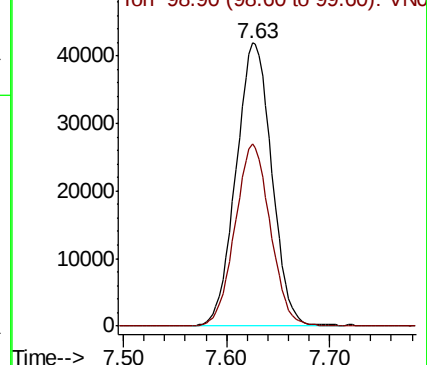
Ion Ratio Lower Upper

168 100

99 64.2 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): VN061275.D (-1784) (-)



#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061275.D

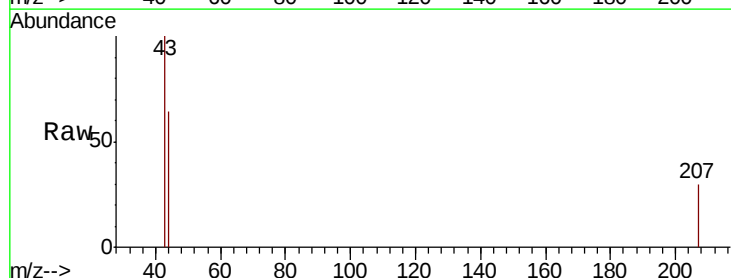
Acq: 4 May 2020 14:07

Tgt Ion: 43 Resp: 1513

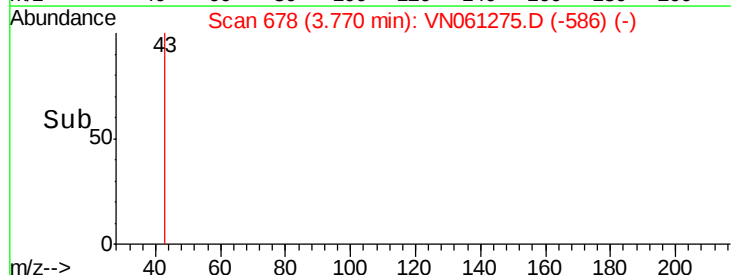
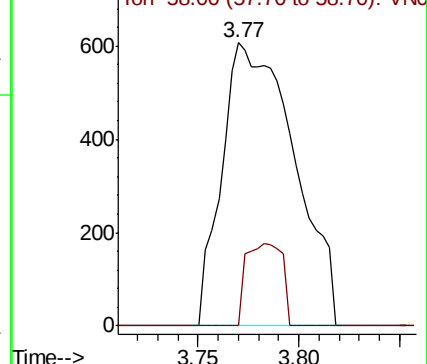
Ion Ratio Lower Upper

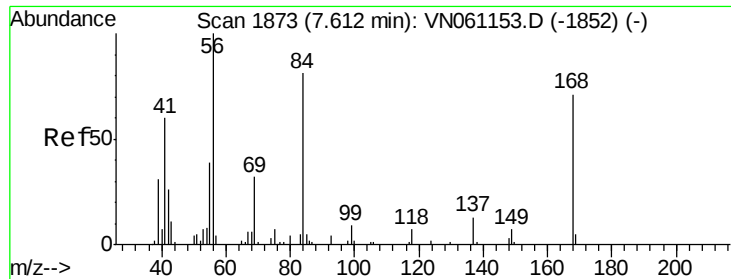
43 100

58 0.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN061275.D (-586) (-)

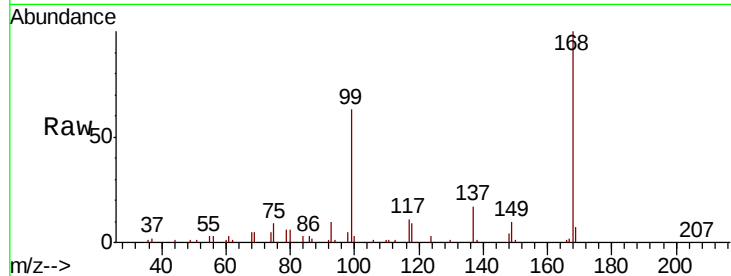




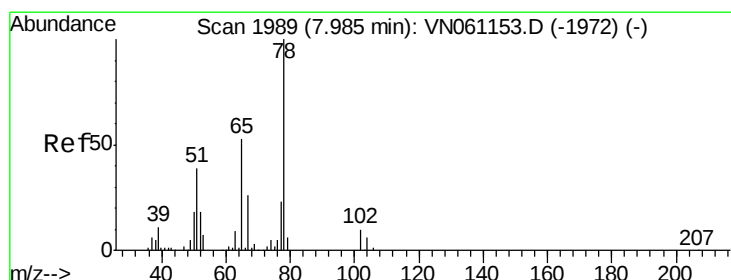
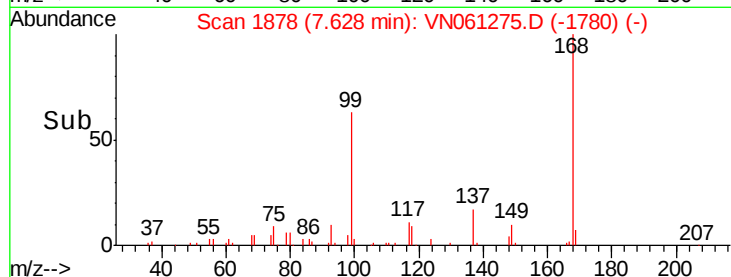
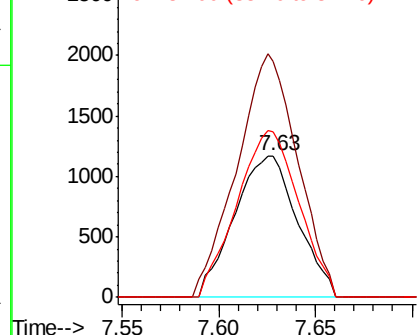
#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.63 min Scan# 1878
Delta R.T. 0.02 min
Lab File: VN061275.D
Acq: 4 May 2020 14:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 2651
Ion Ratio Lower Upper
56 100
69 167.1 25.7 38.5#
84 116.8 64.6 97.0#

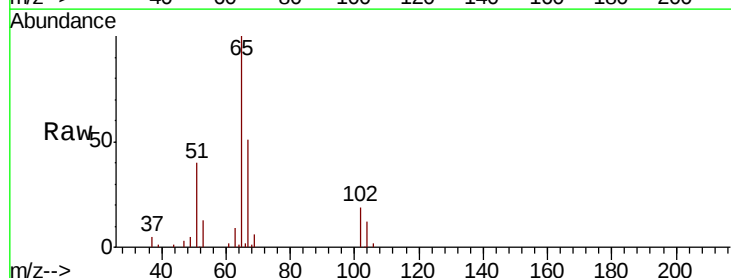


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

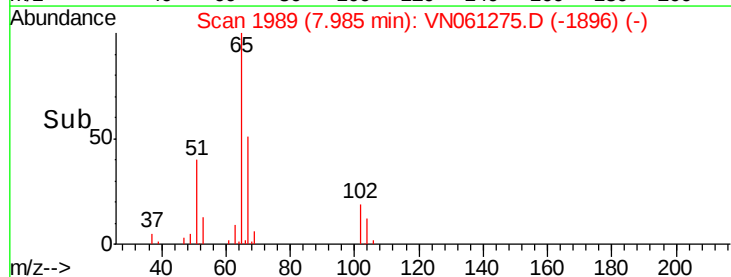
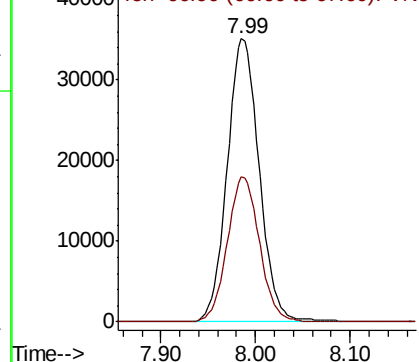


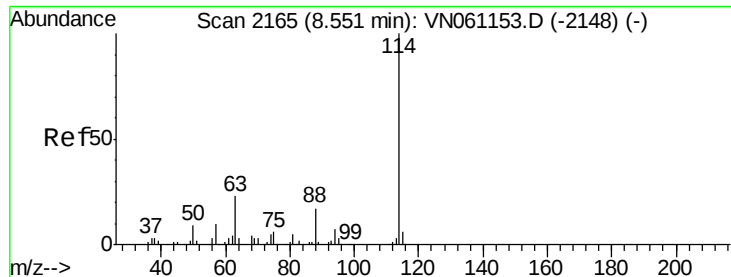
#33
1,2-Dichloroethane-d4
Concen: 51.696 ug/l
RT: 7.99 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN061275.D
Acq: 4 May 2020 14:07

Tgt Ion: 65 Resp: 82599
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.6



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

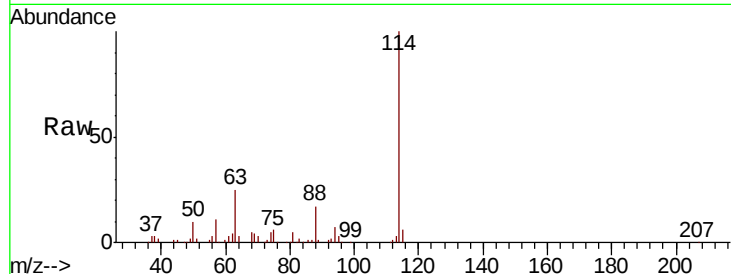




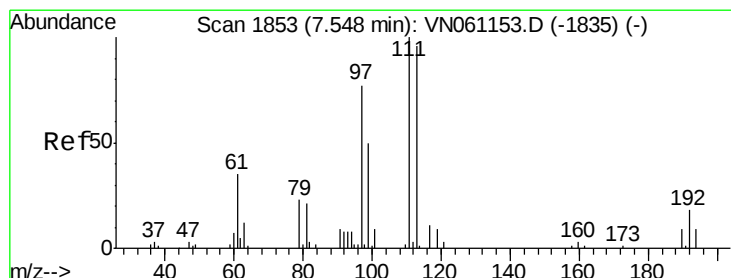
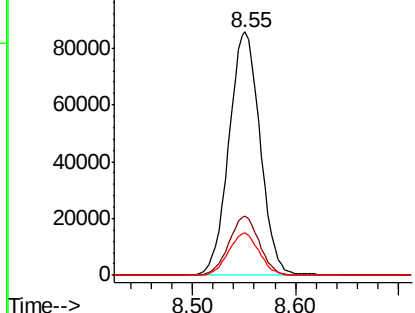
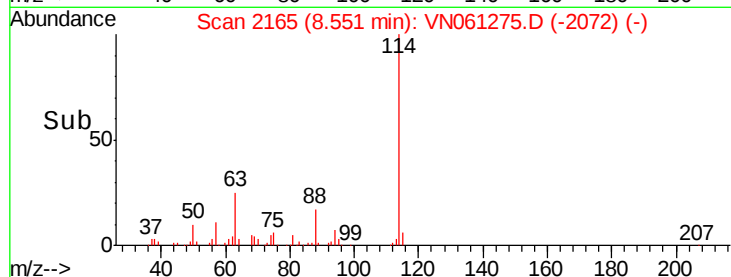
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061275.D
 Acq: 4 May 2020 14:07

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	114	Resp	180559
Ion Ratio	Lower	Upper	
114	100		
63	24.5	0.0	46.6
88	17.4	0.0	33.4

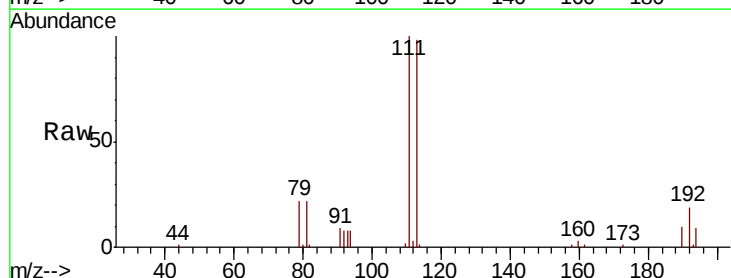


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

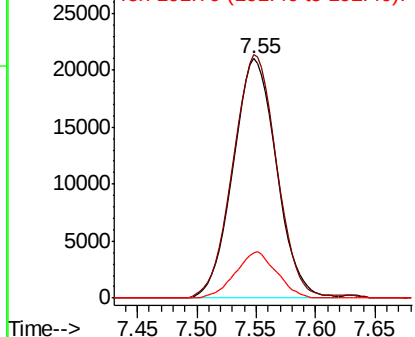
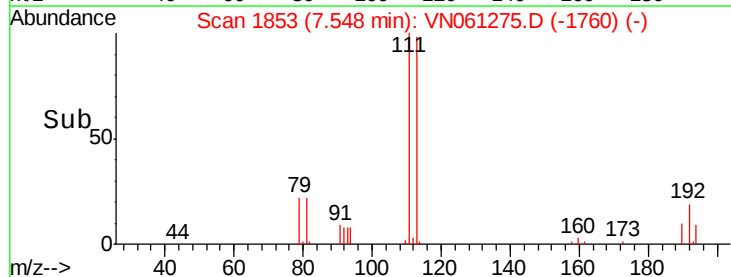


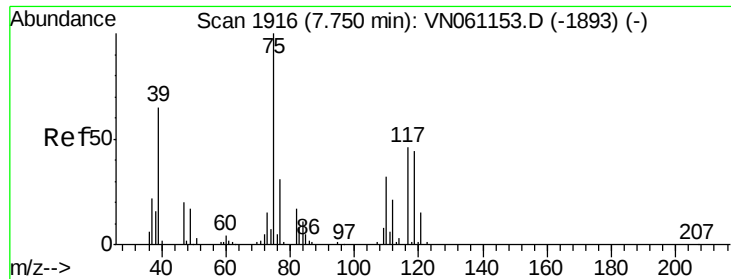
#35
 Dibromofluoromethane
 Concen: 49.878 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061275.D
 Acq: 4 May 2020 14:07

Tgt Ion	113	Resp	53254
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.9	124.3
192	18.3	14.7	22.1



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

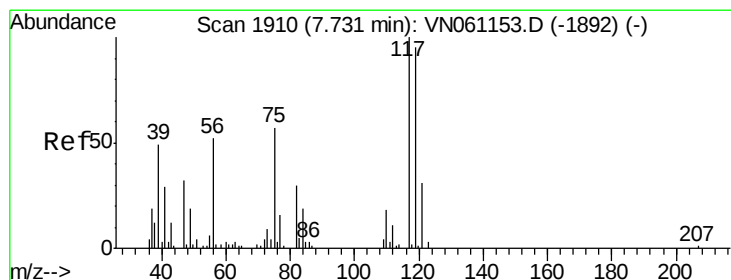
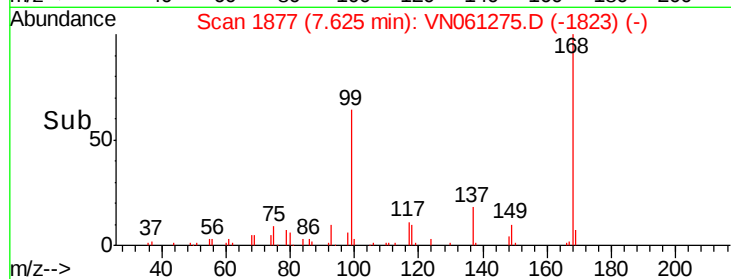
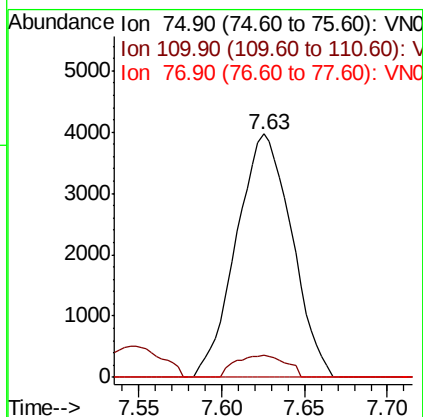
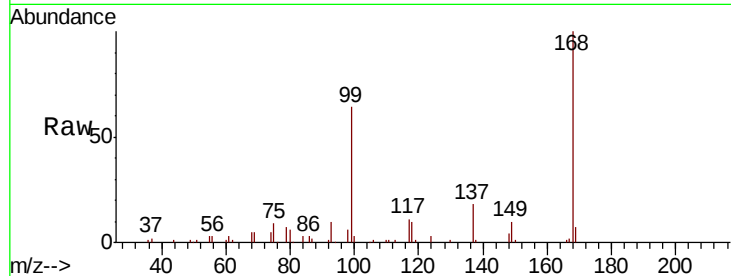




#36
 1,1-Dichloropropene
 Concen: 5.091 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061275.D
 Acq: 4 May 2020 14:07

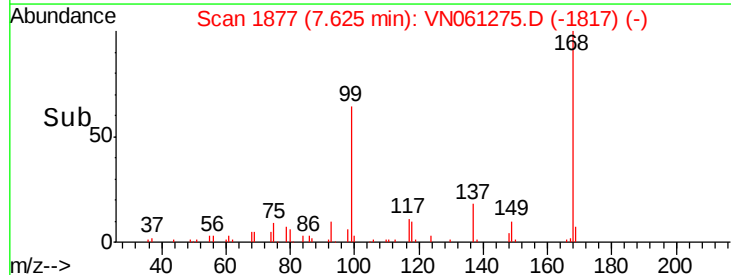
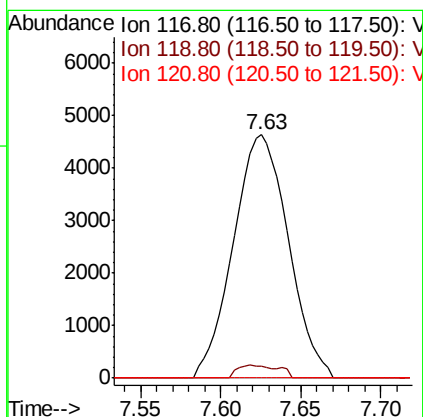
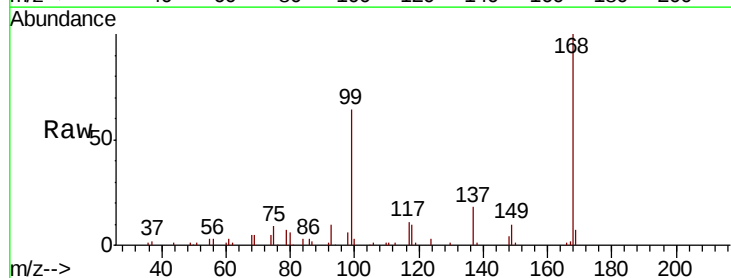
Instrument :
 MSVOA_N
 ClientSampled :

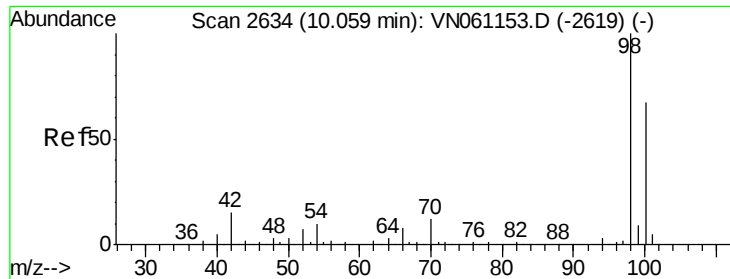
Tot Ion	75	Resp	9201
Ion Ratio	Lower	Upper	
75	100		
110	8.1	16.0	48.0#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 8.609 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.11 min
 Lab File: VN061275.D
 Acq: 4 May 2020 14:07

Tgt Ion	117	Resp	10926
Ion Ratio	Lower	Upper	
117	100		
119	4.7	75.8	113.6#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 51.712 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061275.D

Acq: 4 May 2020 14:07

Instrument :

MSVOA_N

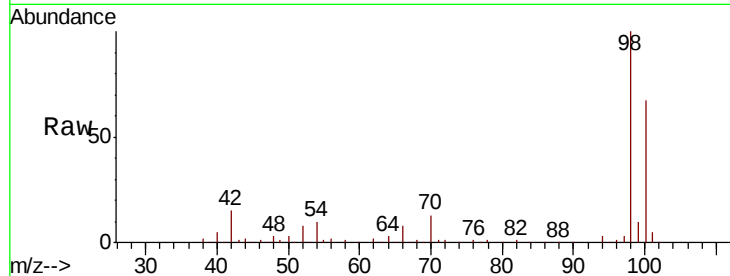
ClientSampled :

Tot Ion: 98 Resp: 225075

Ion Ratio Lower Upper

98 100

100 65.5 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

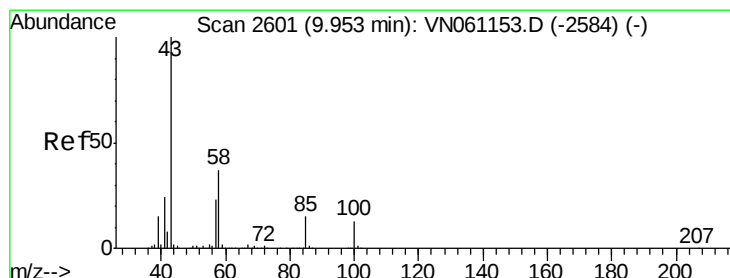
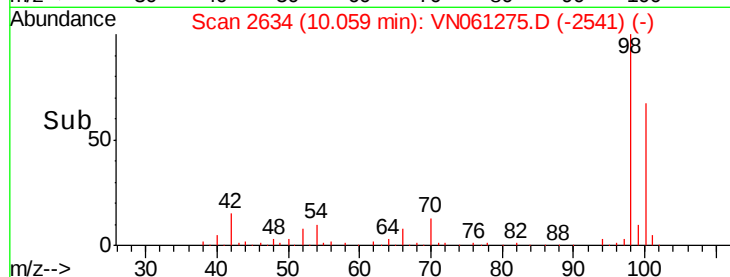
10.06

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.603 ug/l

RT: 10.06 min Scan# 2633

Delta R.T. 0.10 min

Lab File: VN061275.D

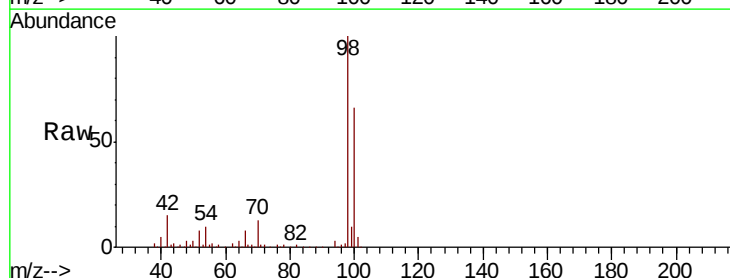
Acq: 4 May 2020 14:07

Tgt Ion: 43 Resp: 1248

Ion Ratio Lower Upper

43 100

58 166.3 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

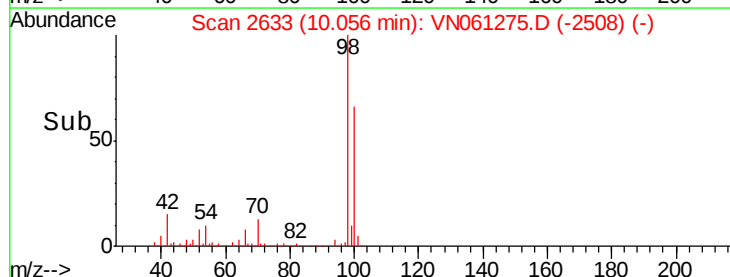
10.06

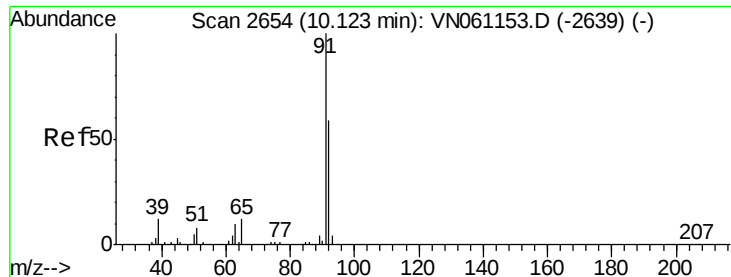
1000

500

0

Time-->





#52

Toluene

Concen: 0.203 ug/l

RT: 10.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VN061275.D

Acq: 4 May 2020 14:07

Instrument :

MSVOA_N

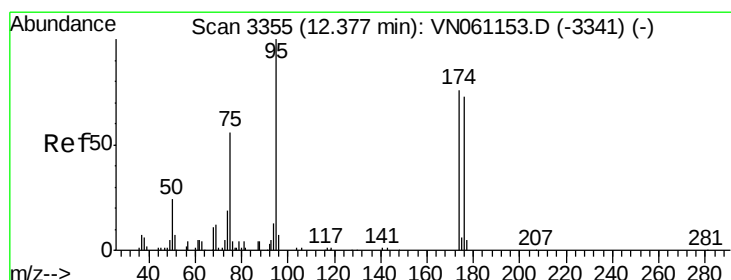
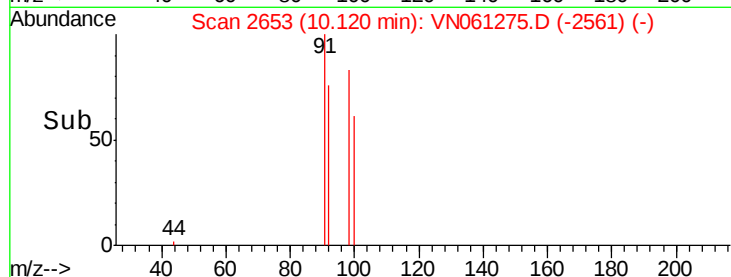
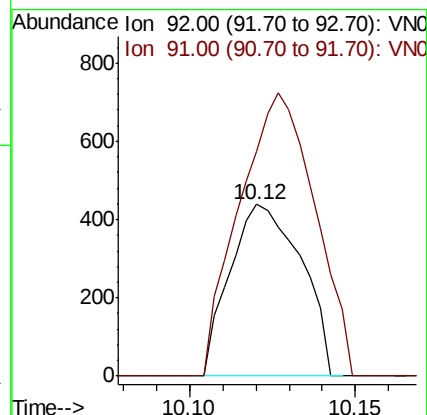
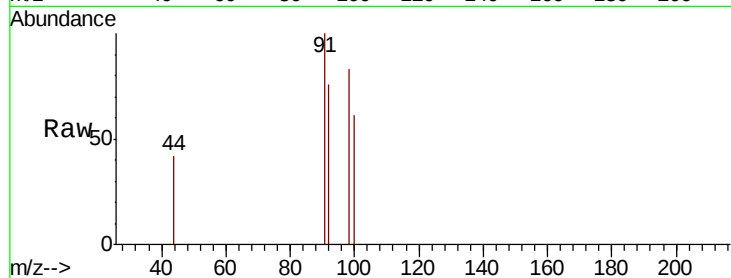
ClientSampleId :

Tot Ion: 92 Resp: 659

Ion Ratio Lower Upper

92 100

91 173.9 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 51.456 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061275.D

Acq: 4 May 2020 14:07

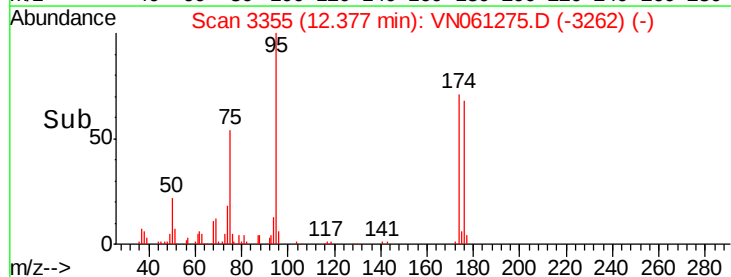
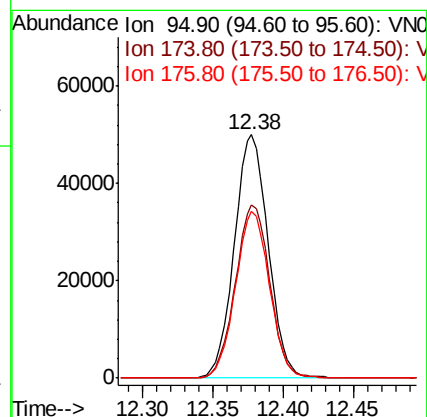
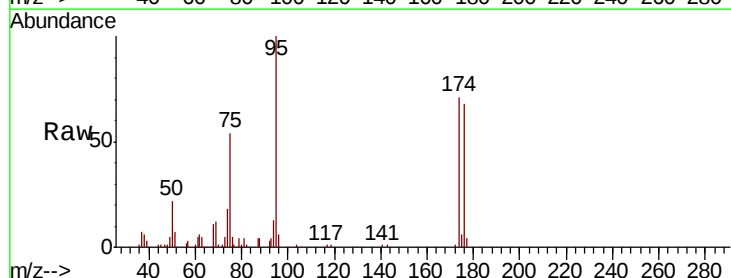
Tgt Ion: 95 Resp: 84280

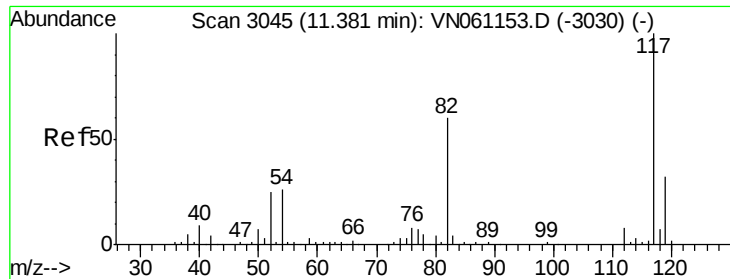
Ion Ratio Lower Upper

95 100

174 72.4 0.0 149.4

176 68.9 0.0 144.8

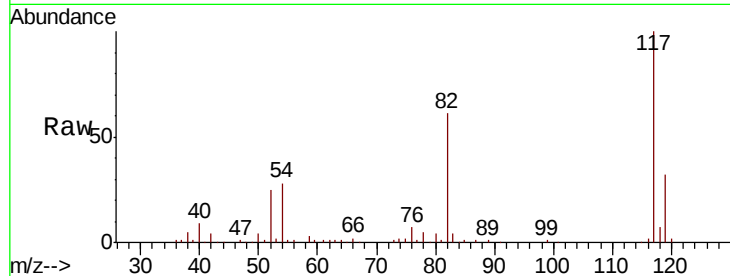




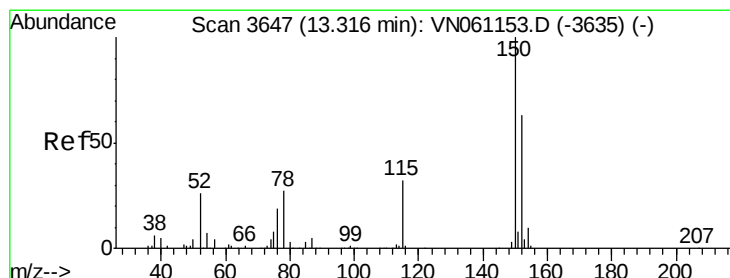
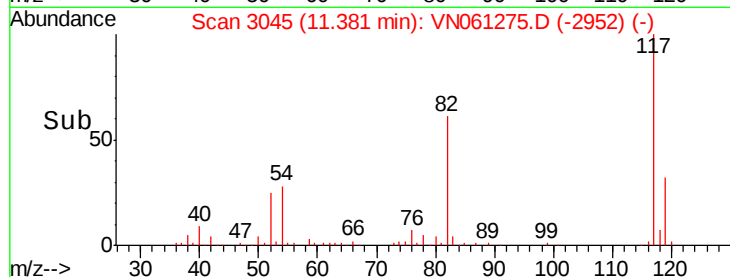
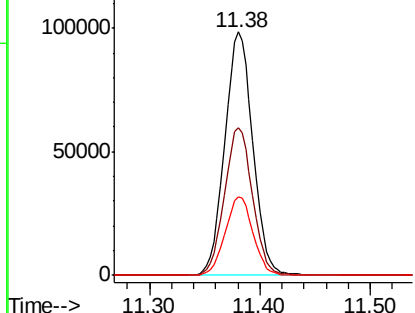
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061275.D
Acq: 4 May 2020 14:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 173595
Ion Ratio Lower Upper
117 100
82 60.9 47.8 71.8
119 32.3 25.8 38.6

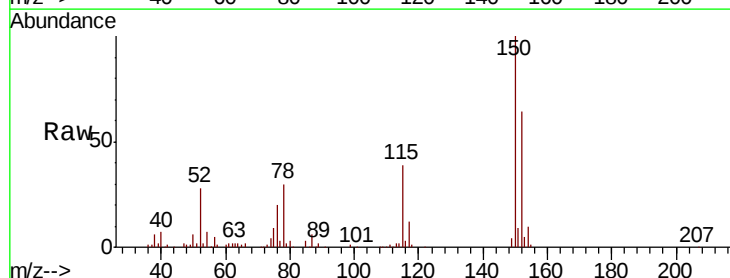


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

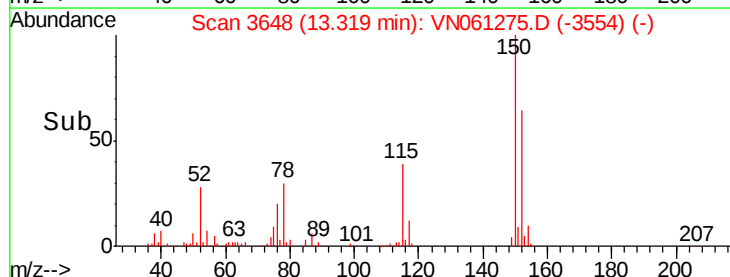
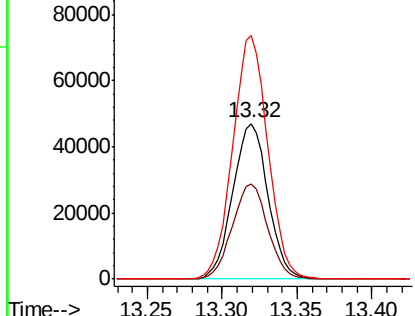


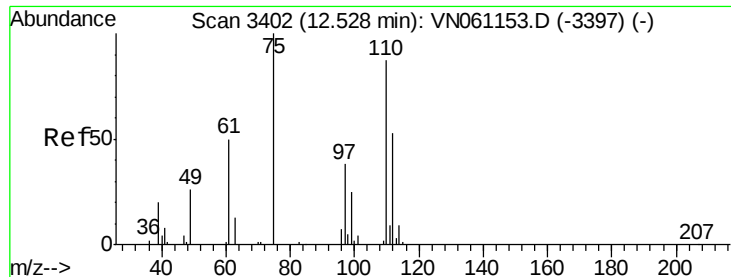
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061275.D
Acq: 4 May 2020 14:07

Tgt Ion:152 Resp: 77086
Ion Ratio Lower Upper
152 100
115 61.7 31.0 93.0
150 156.1 0.0 351.8



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

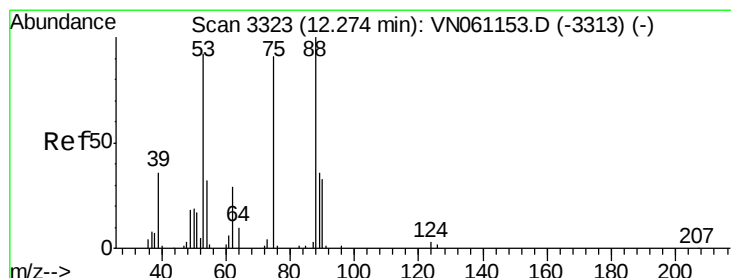
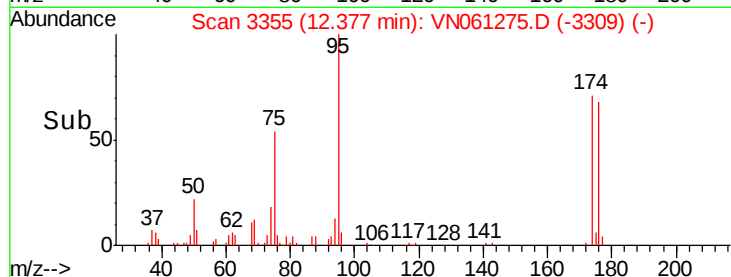
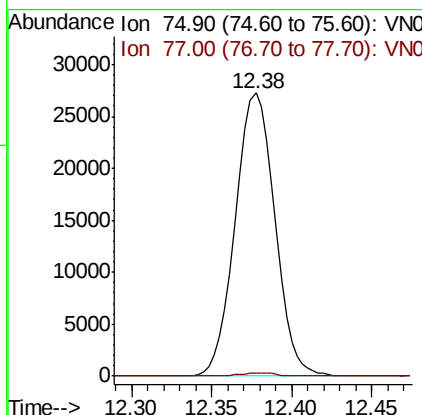
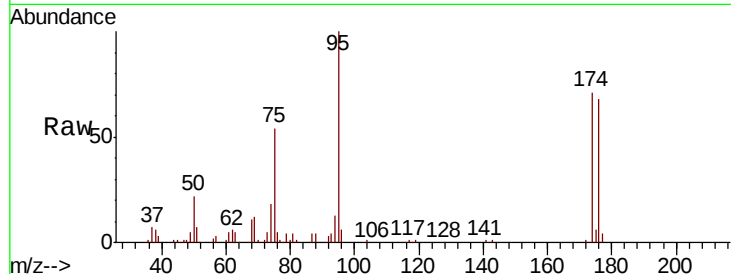




#76
 1,2,3-Trichloropropane
 Concen: 28.316 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. -0.15 min
 Lab File: VN061275.D
 Acq: 4 May 2020 14:07

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 46019
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.909 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061275.D
 Acq: 4 May 2020 14:07

Tgt Ion: 75 Resp: 46019
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#

