

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN061000.D
 Acq On : 16 Apr 2020 6:13
 Operator : JC/MD
 Sample : L2249-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 07:59:44 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

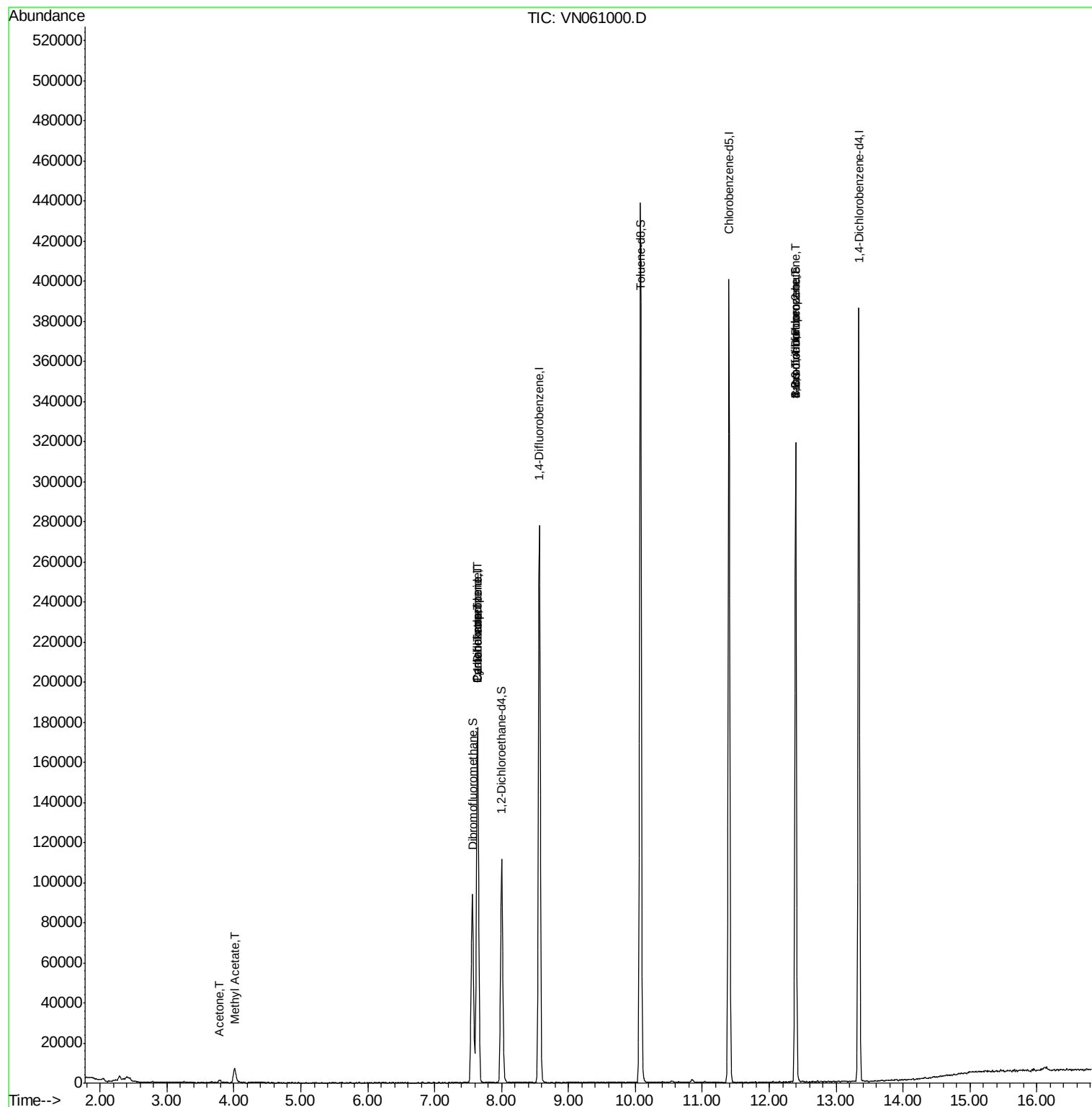
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	143076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	245197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	225731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	102084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	95574	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
35) Dibromofluoromethane	7.56	113	72722	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
50) Toluene-d8	10.08	98	301448	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.39	95	113075	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
Target Compounds						
					Qvalue	
16) Acetone	3.78	43	2594	3.728	ug/l	96
18) Methyl Acetate	4.01	43	2486	1.269	ug/l #	54
31) Cyclohexane	7.64	56	3181	1.006	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11443	4.820	ug/l #	50
38) Carbon Tetrachloride	7.64	117	13896	6.530	ug/l #	16
71) Bromoform	12.40	173	580	2.097	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	57419	26.067	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	57419	66.947	ug/l #	13

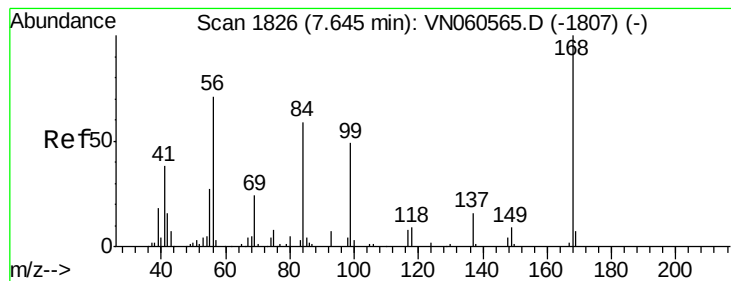
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061000.D

Acq: 16 Apr 2020 6:13

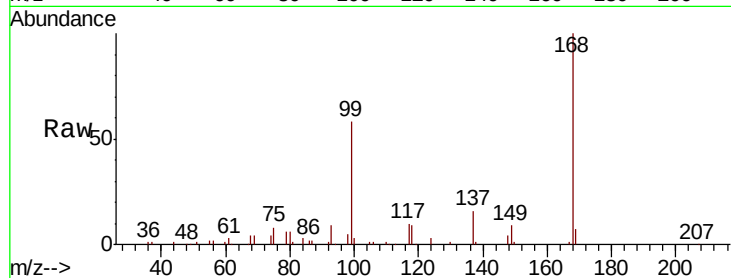
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 143076

Ion Ratio Lower Upper

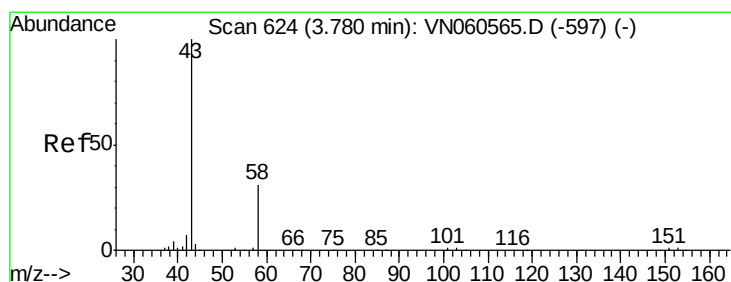
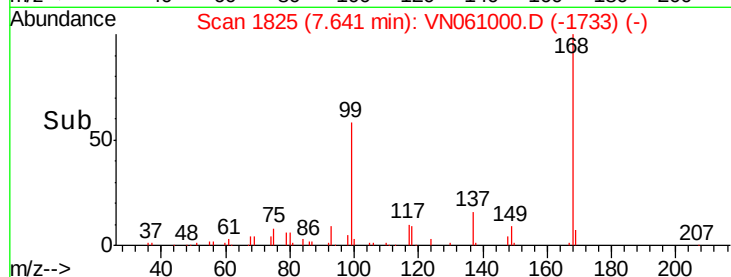
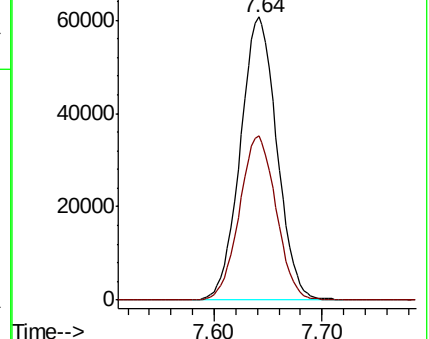
168 100

99 58.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 3.728 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN061000.D

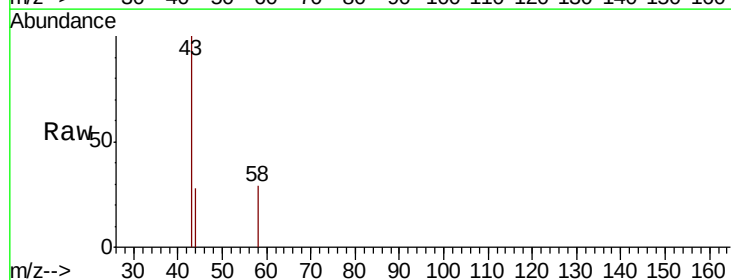
Acq: 16 Apr 2020 6:13

Tgt Ion: 43 Resp: 2594

Ion Ratio Lower Upper

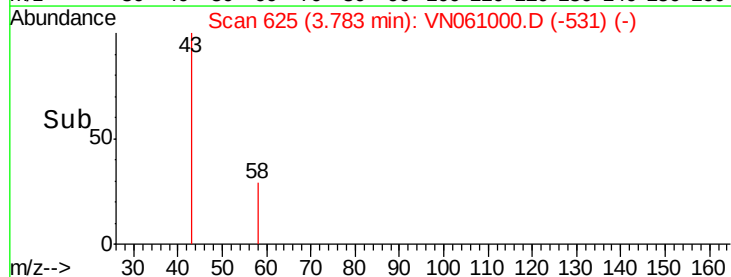
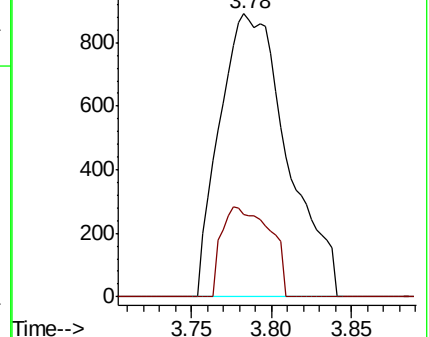
43 100

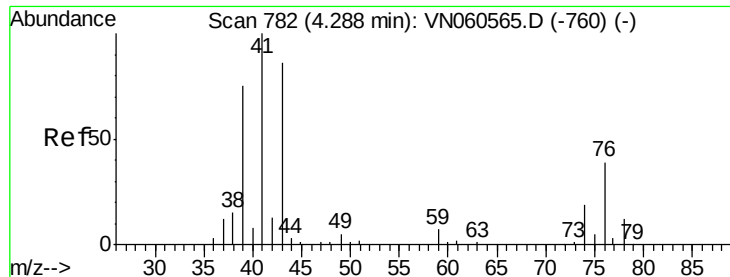
58 29.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

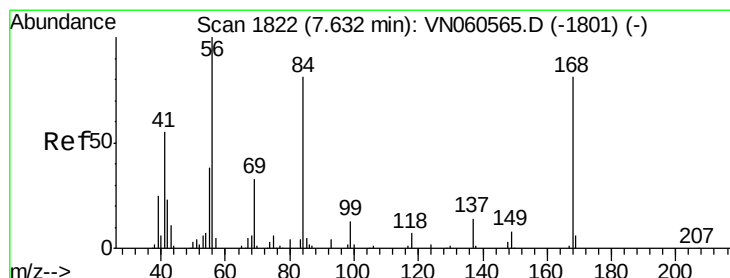
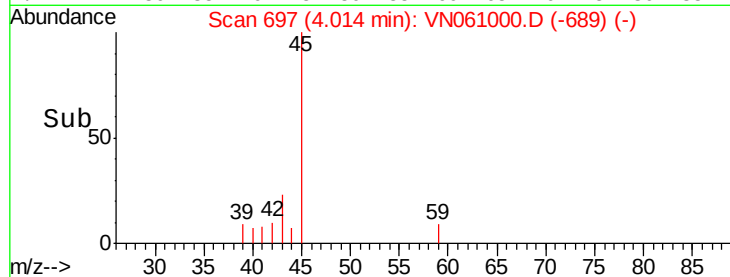
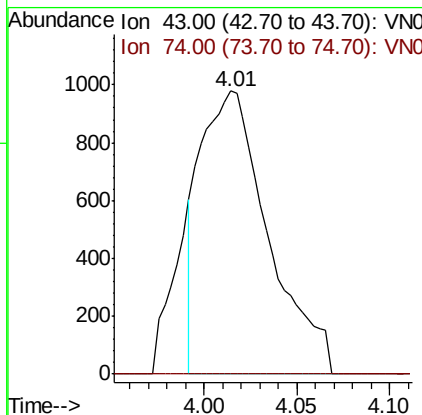
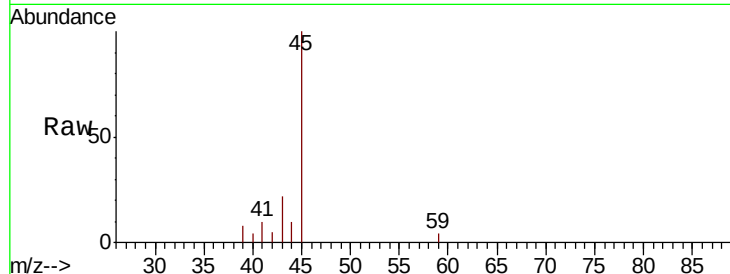




#18
Methvl Acetate
Concen: 1.269 ug/l
RT: 4.01 min Scan# 697
Delta R.T. -0.27 min
Lab File: VN061000.D
Acq: 16 Apr 2020 6:13

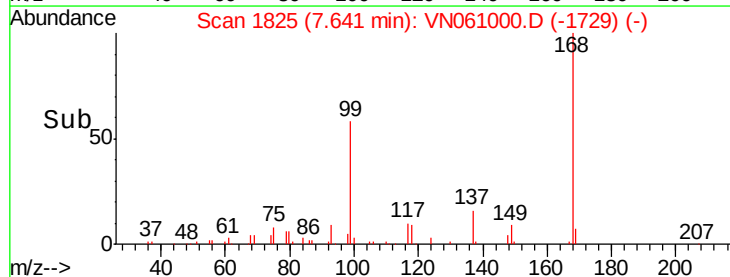
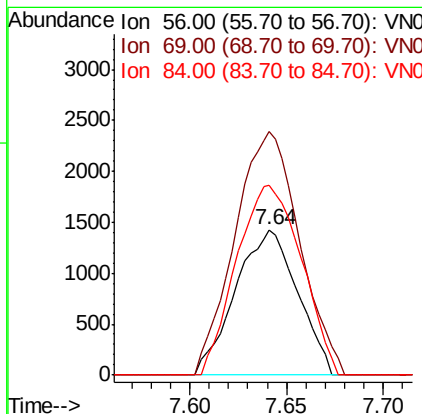
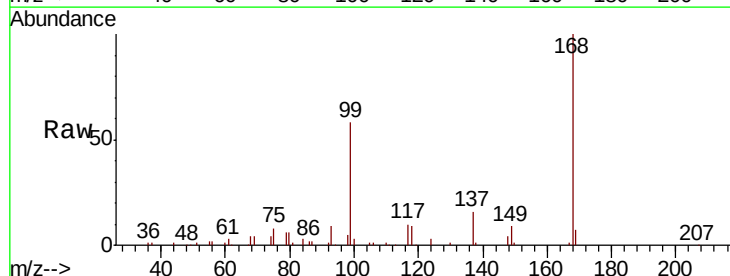
Instrument :
MSVOA_N
ClientSampled :

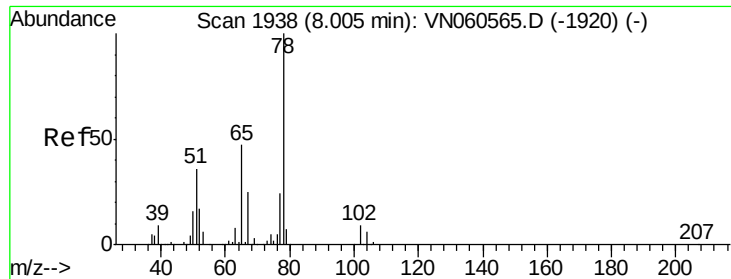
Tot Ion: 43 Resp: 2486
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#31
Cyclohexane
Concen: 1.006 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN061000.D
Acq: 16 Apr 2020 6:13

Tgt Ion: 56 Resp: 3181
Ion Ratio Lower Upper
56 100
69 167.6 26.6 40.0#
84 130.5 64.3 96.5#

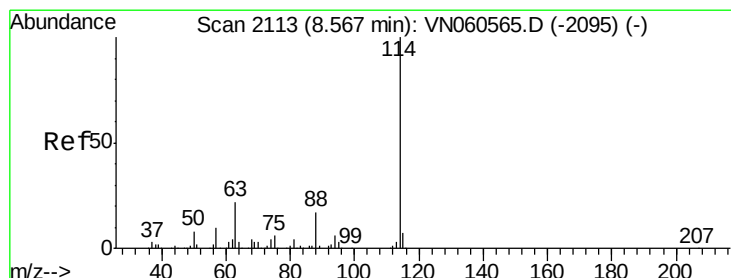
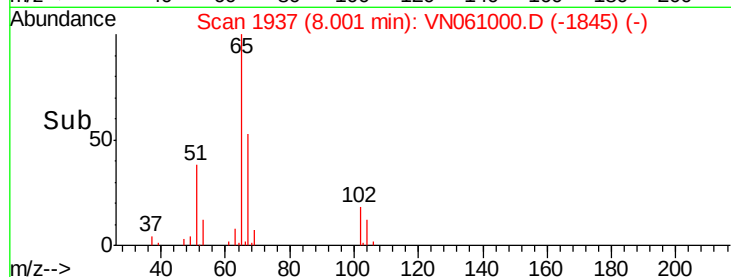
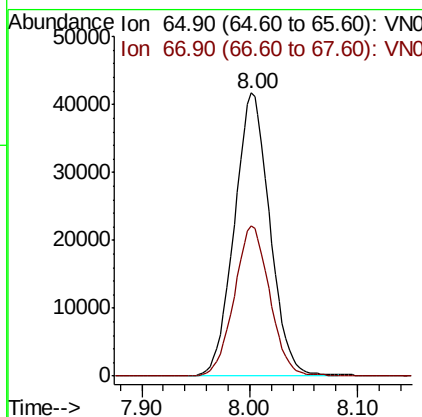
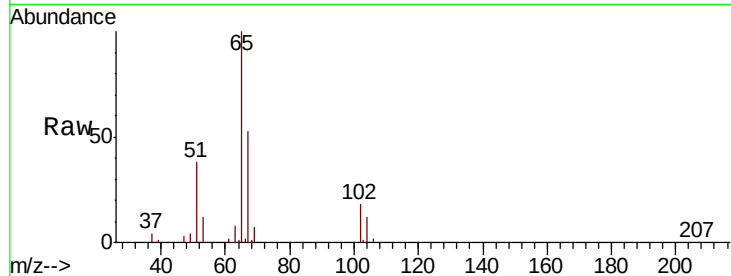




#33
 1,2-Dichloroethane-d4
 Concen: 48.660 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN061000.D
 Acq: 16 Apr 2020 6:13

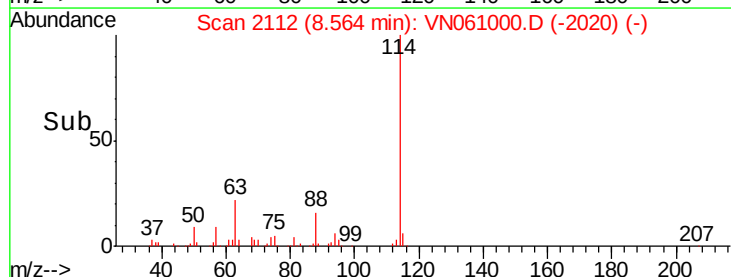
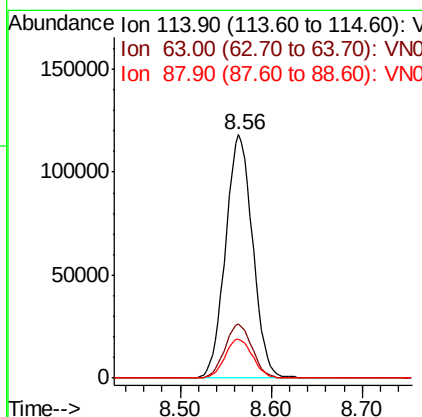
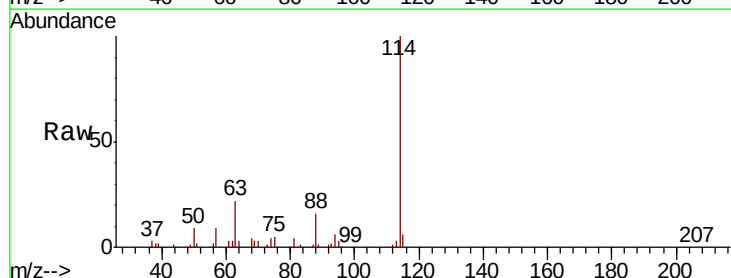
Instrument :
 MSVOA_N
 ClientSampleId :

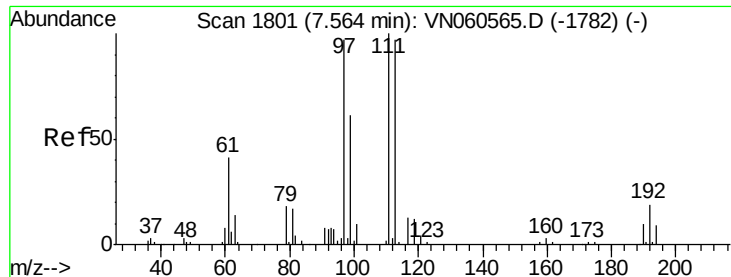
Tot Ion: 65 Resp: 95574
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN061000.D
 Acq: 16 Apr 2020 6:13

Tgt Ion: 114 Resp: 245197
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.049 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

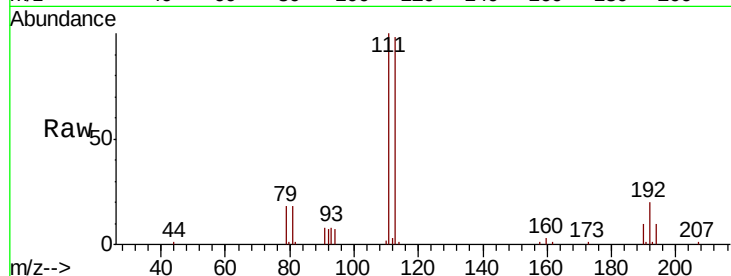
Lab File: VN061000.D

Acq: 16 Apr 2020 6:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:113 Resp: 72722

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	19.5	15.8	23.8

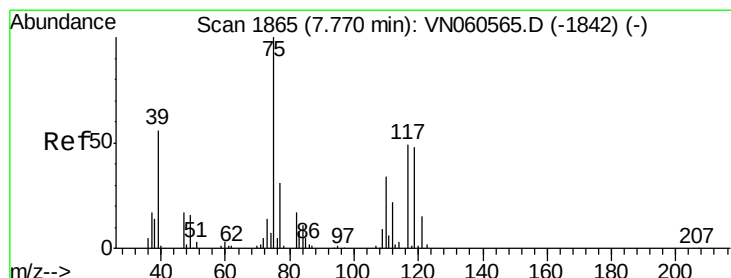
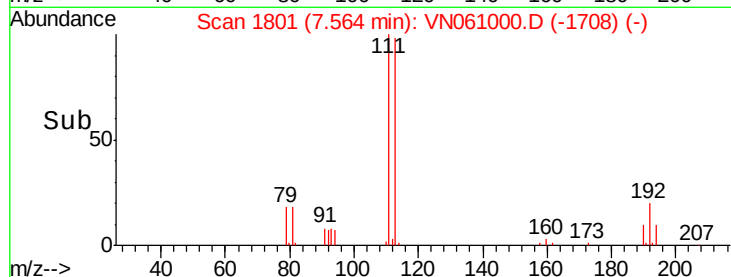
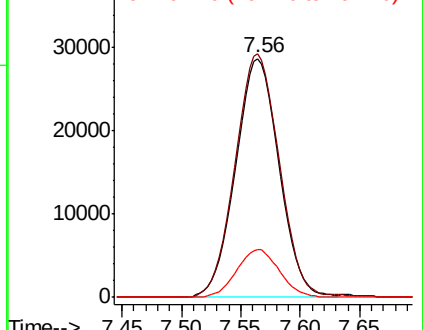


Abundance

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: 4.820 ug/l

RT: 7.64 min Scan# 1825

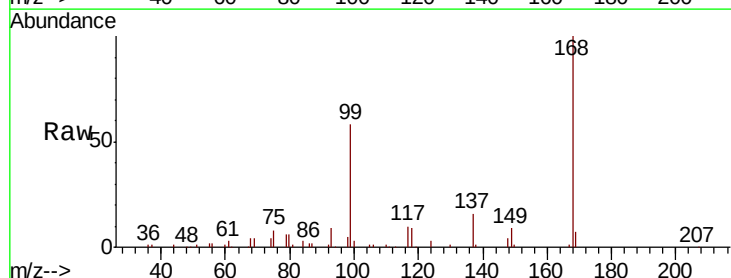
Delta R.T. -0.13 min

Lab File: VN061000.D

Acq: 16 Apr 2020 6:13

Tgt Ion: 75 Resp: 11443

Ion	Ratio	Lower	Upper
75	100		
110	7.9	16.9	50.6#
77	0.0	24.6	36.8#

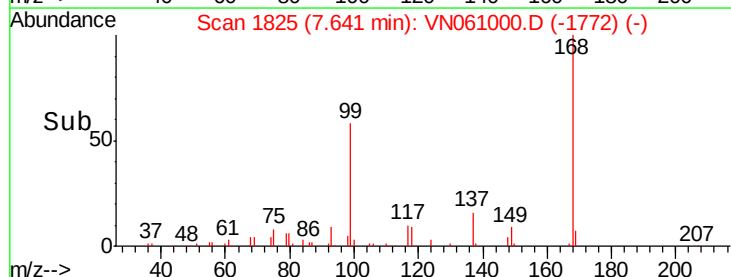
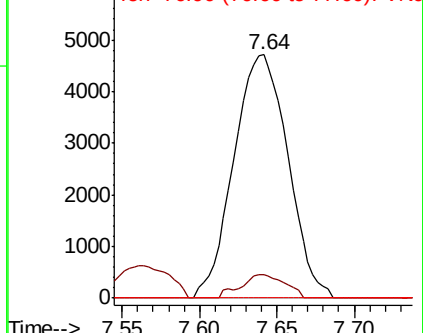


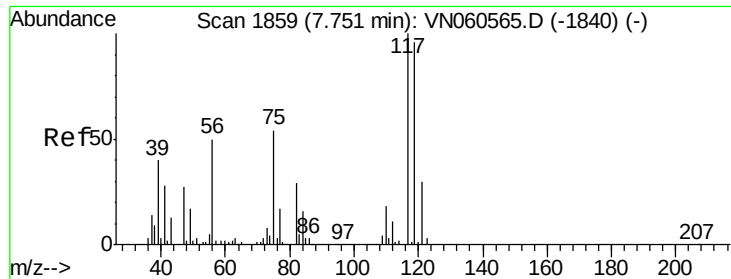
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

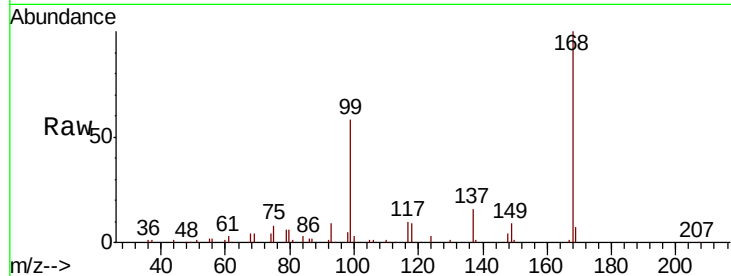




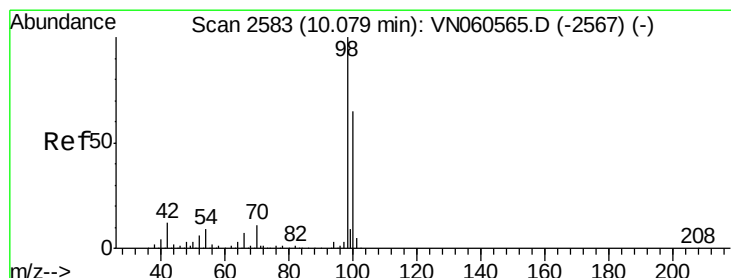
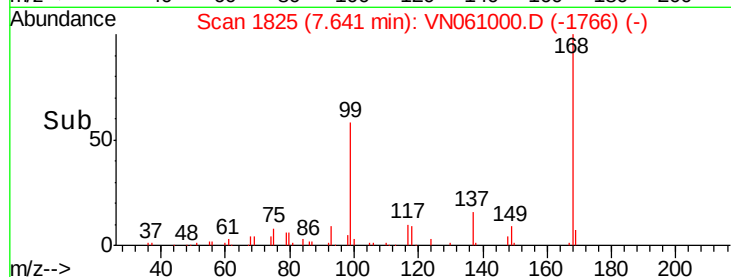
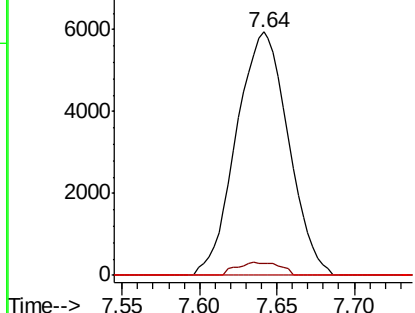
#38
Carbon Tetrachloride
Concen: 6.530 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN061000.D
Acq: 16 Apr 2020 6:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 13896
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 23.7 35.5#

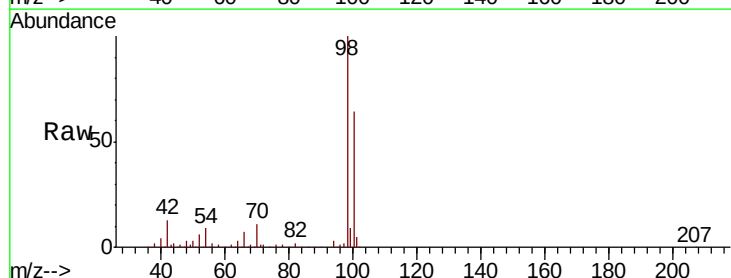


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

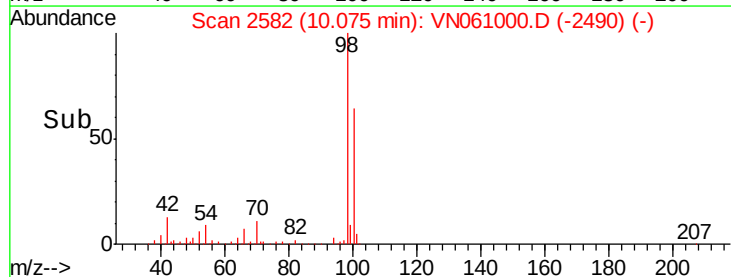
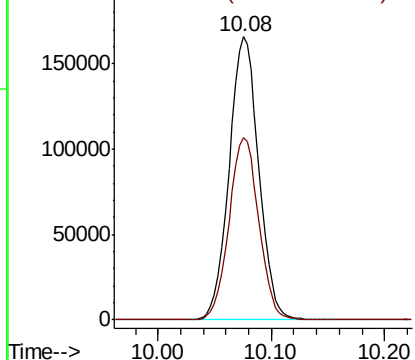


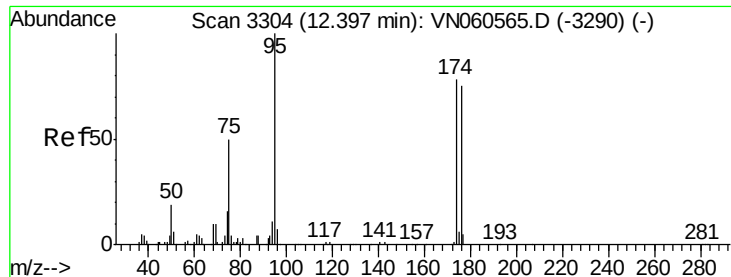
#50
Toluene-d8
Concen: 49.777 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN061000.D
Acq: 16 Apr 2020 6:13

Tgt Ion: 98 Resp: 301448
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN

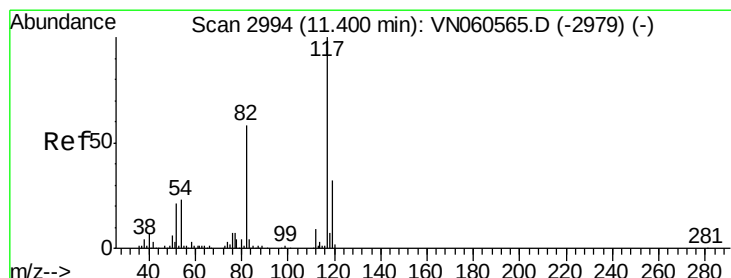
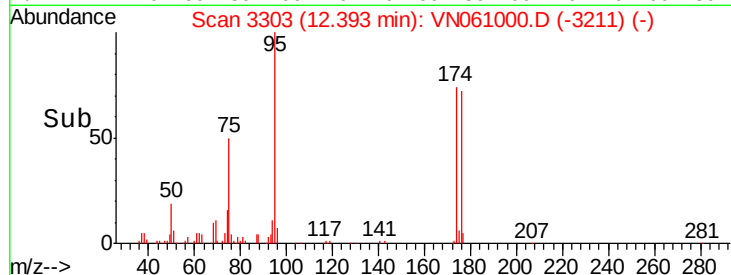
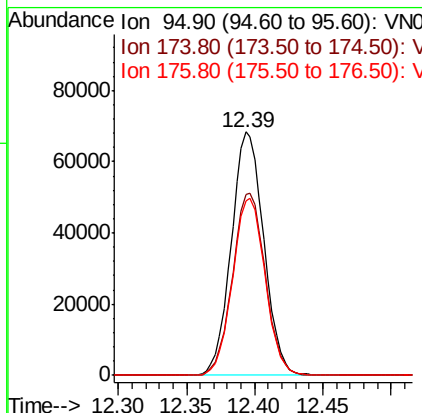
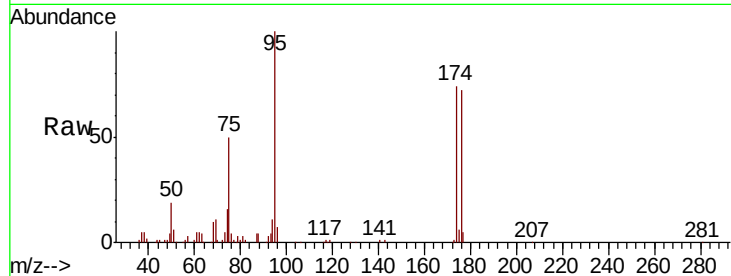




#62
4-Bromofluorobenzene
Concen: 50.948 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.00 min
Lab File: VN061000.D
Acq: 16 Apr 2020 6:13

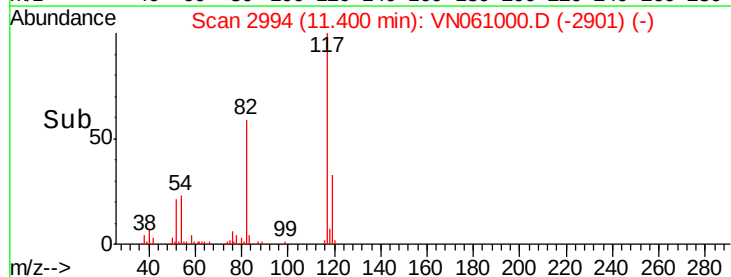
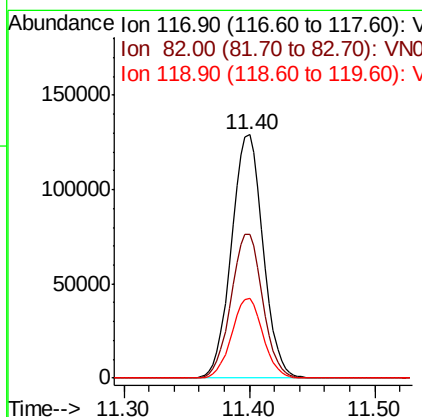
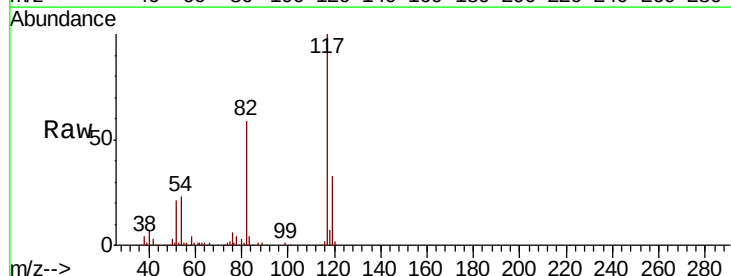
Instrument :
MSVOA_N
ClientSampled :

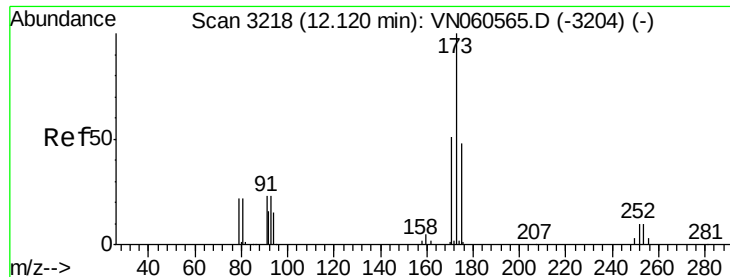
Tot Ion: 95 Resp: 113075
Ion Ratio Lower Upper
95 100
174 75.3 0.0 157.6
176 72.8 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN061000.D
Acq: 16 Apr 2020 6:13

Tgt Ion: 117 Resp: 225731
Ion Ratio Lower Upper
117 100
82 59.0 46.7 70.1
119 32.6 25.5 38.3

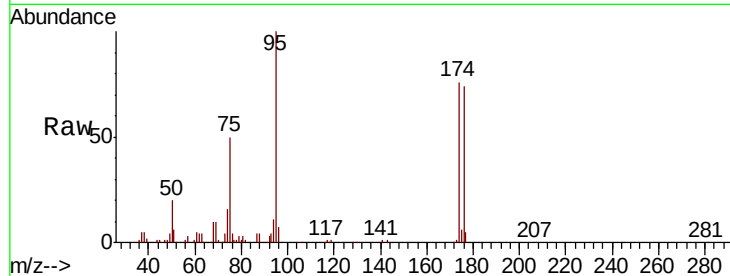




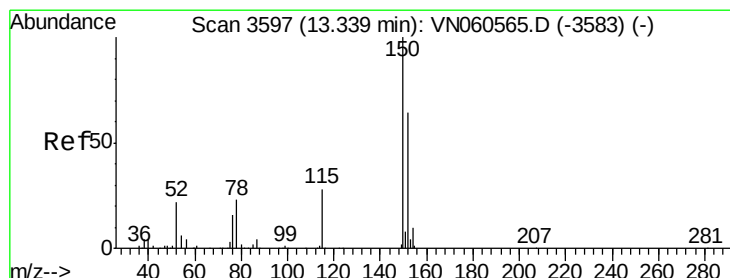
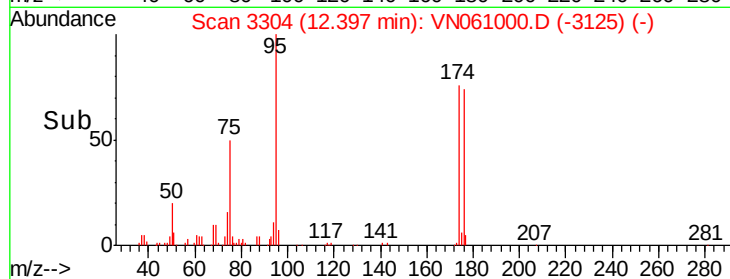
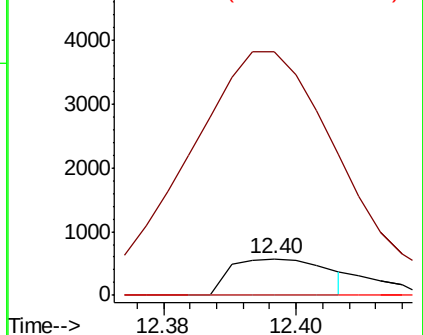
#71
Bromoform
Concen: 2.097 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.28 min
Lab File: VN061000.D
Acq: 16 Apr 2020 6:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 580
Ion Ratio Lower Upper
173 100
175 942.1 24.1 72.4#
254 0.0 0.0 0.0

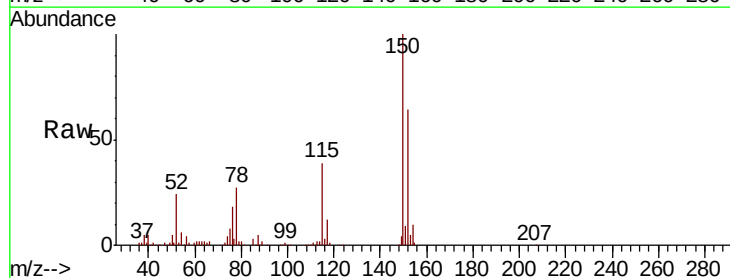


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

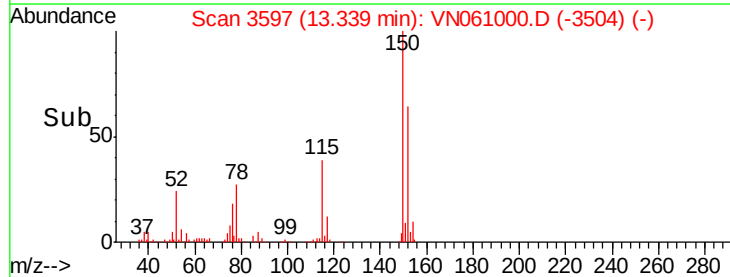
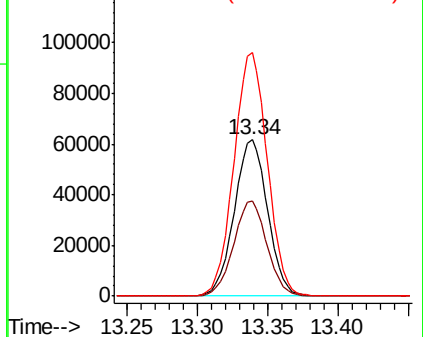


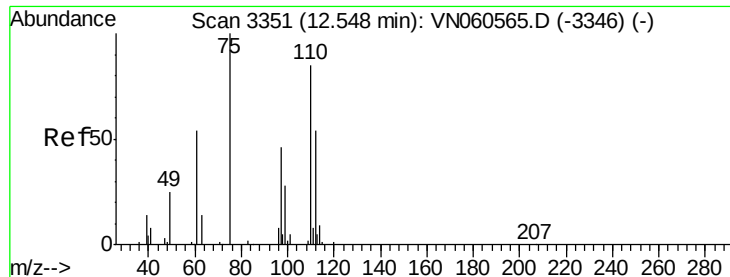
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN061000.D
Acq: 16 Apr 2020 6:13

Tgt Ion:152 Resp: 102084
Ion Ratio Lower Upper
152 100
115 60.3 30.2 90.6
150 156.5 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: 26.067 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061000.D

Acq: 16 Apr 2020 6:13

Instrument :

MSVOA_N

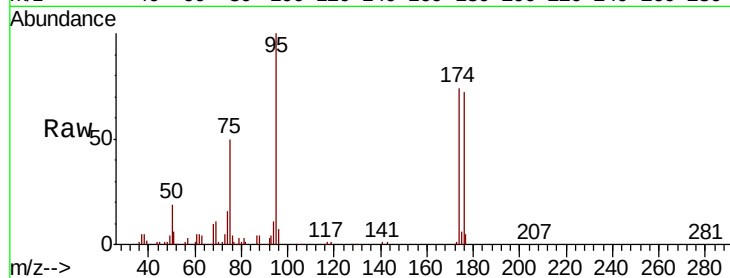
ClientSampleId :

Tot Ion: 75 Resp: 57419

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.39

40000

30000

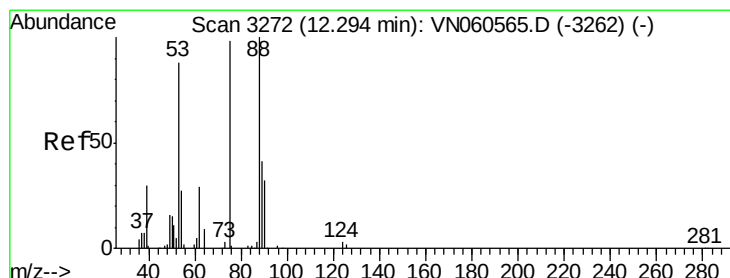
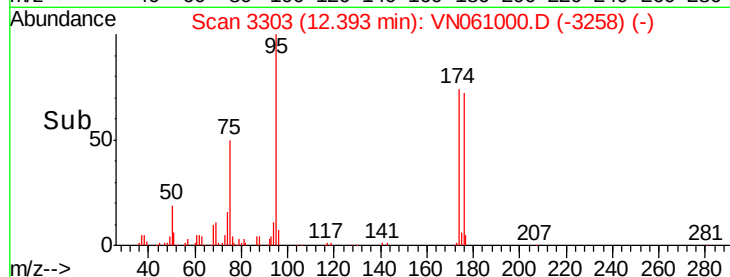
20000

10000

0

Time-->

12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 66.947 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061000.D

Acq: 16 Apr 2020 6:13

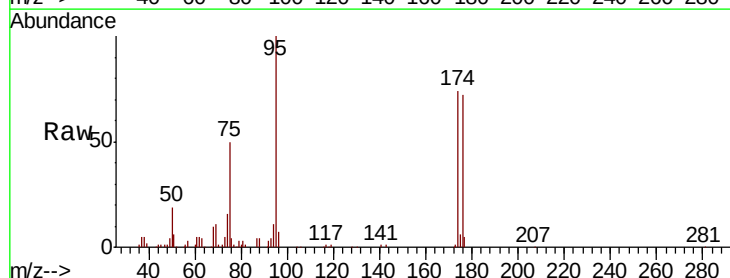
Tgt Ion: 75 Resp: 57419

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): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

12.39

40000

30000

20000

10000

0

Time-->

12.35 12.40 12.45

