

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060998.D
 Acq On : 16 Apr 2020 5:28
 Operator : JC/MD
 Sample : L2249-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 06:46:09 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

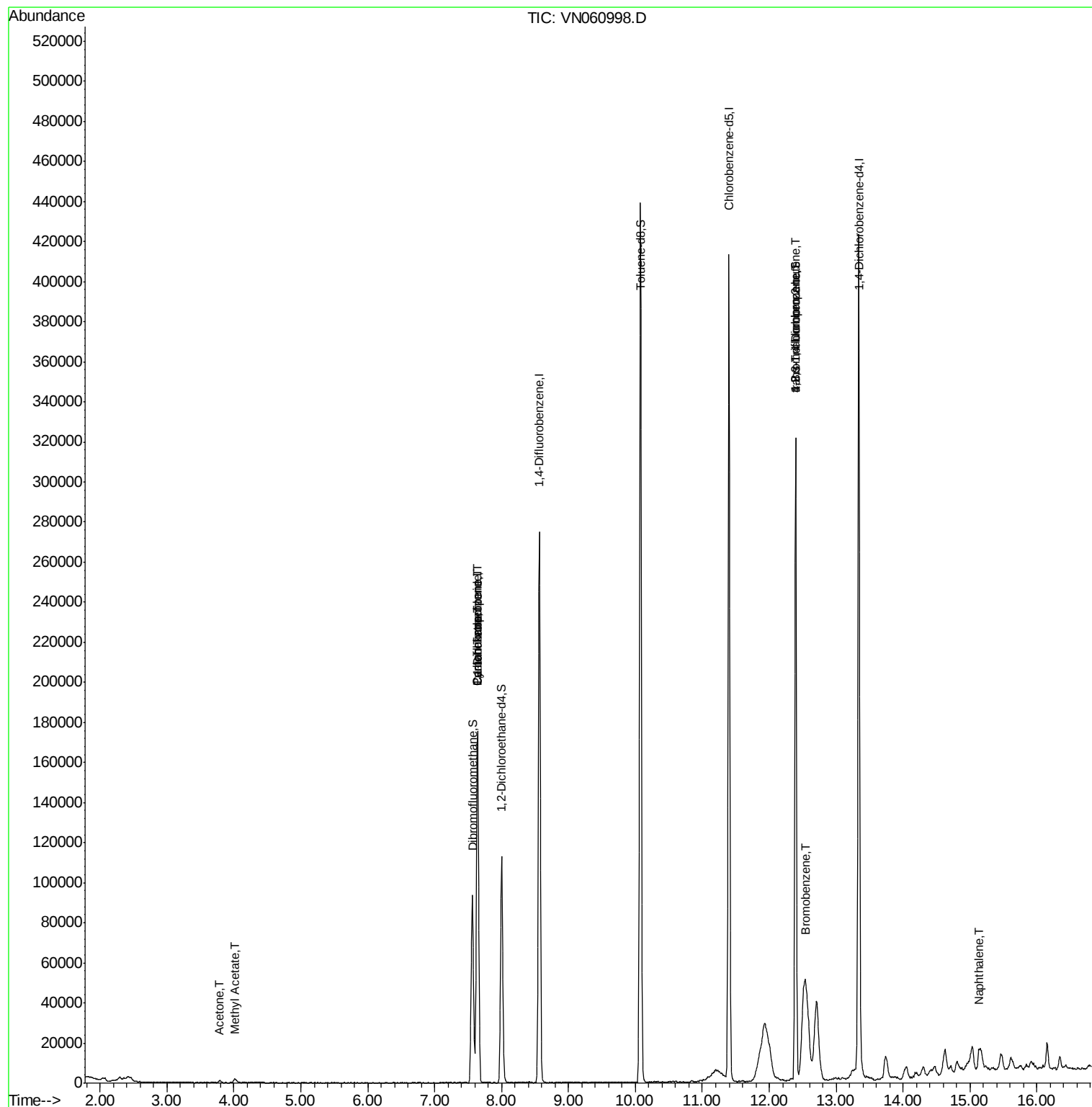
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	141761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	243017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	229099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	104405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	96318	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
35) Dibromofluoromethane	7.56	113	71940	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	10.08	98	301251	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.39	95	114719	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	2193	3.181	ug/l	92
18) Methyl Acetate	4.01	43	837	0.431	ug/l #	54
31) Cyclohexane	7.64	56	3124	0.997	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11423	4.854	ug/l #	49
38) Carbon Tetrachloride	7.64	117	14208	6.737	ug/l #	16
76) 1,2,3-Trichloropropane	12.39	75	57924	25.711	ug/l #	100
77) Bromobenzene	12.53	156	35535	18.821	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.39	75	57924	66.035	ug/l #	13
95) Naphthalene	15.13	128	4330	0.736	ug/l #	85

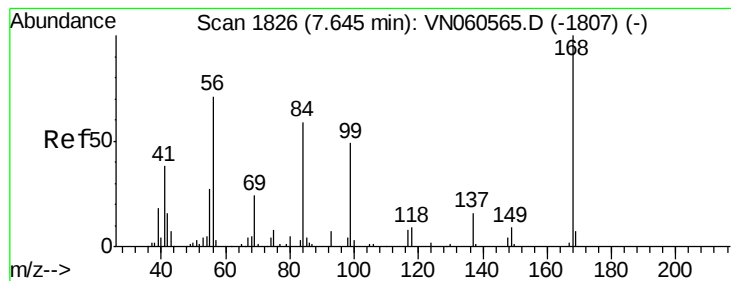
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060998.D

Acq: 16 Apr 2020 5:28

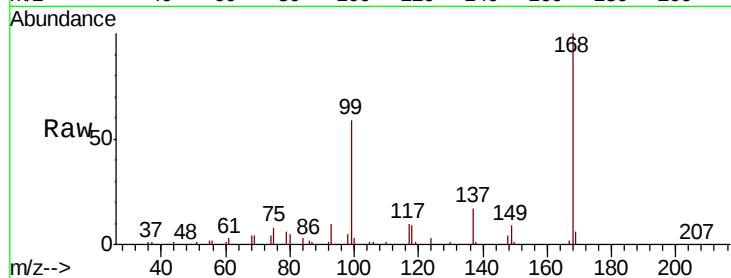
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 141761

Ion Ratio Lower Upper

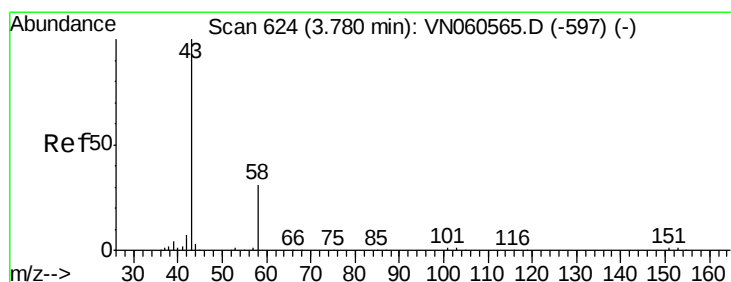
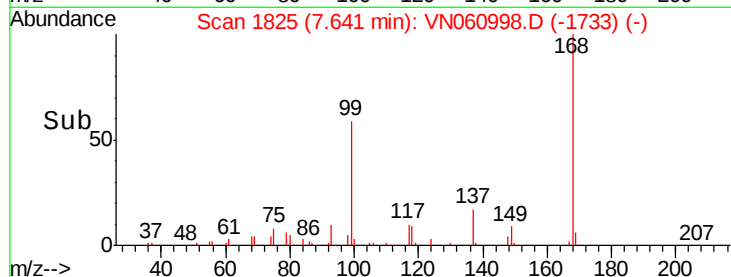
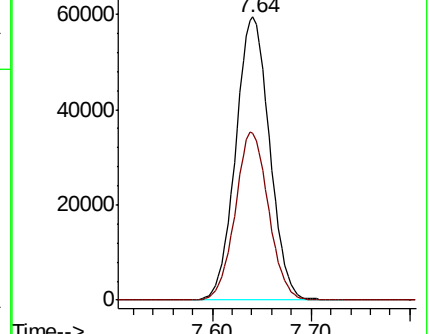
168 100

99 58.9 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: 3.181 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060998.D

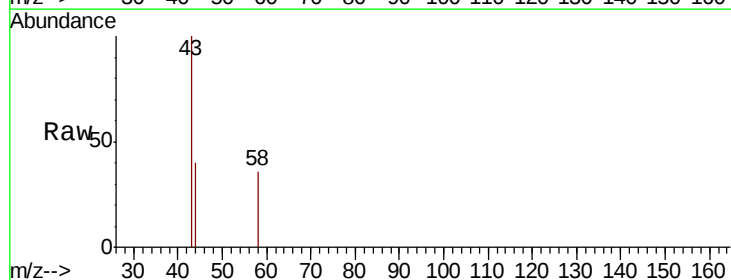
Acq: 16 Apr 2020 5:28

Tgt Ion: 43 Resp: 2193

Ion Ratio Lower Upper

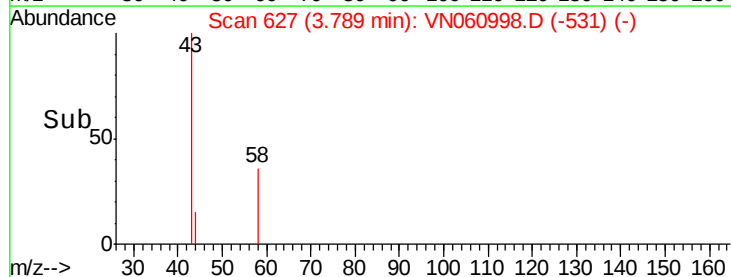
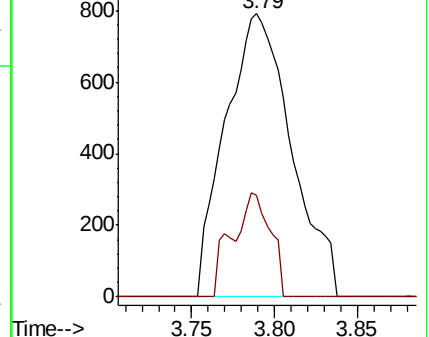
43 100

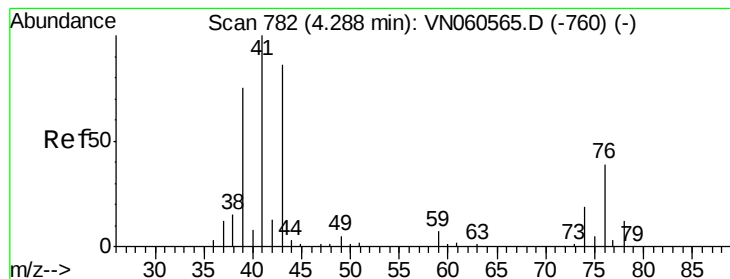
58 35.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#18

Methvl Acetate

Concen: 0.431 ug/l

RT: 4.01 min Scan# 697

Delta R.T. -0.27 min

Lab File: VN060998.D

Acq: 16 Apr 2020 5:28

Instrument :

MSVOA_N

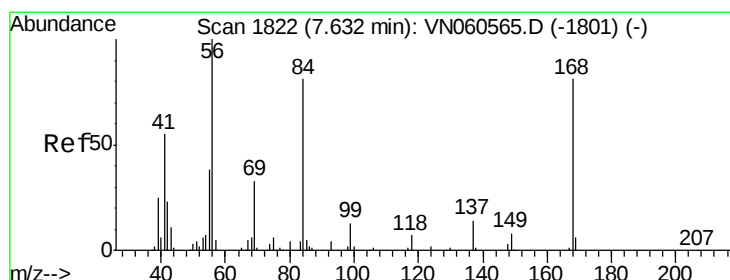
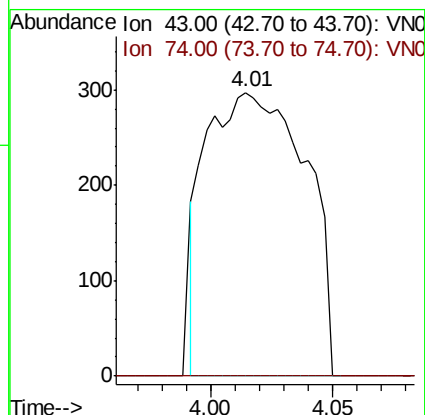
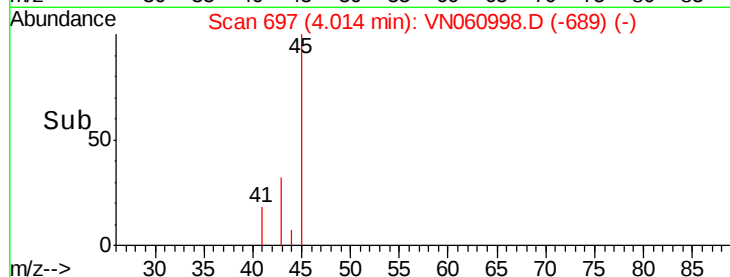
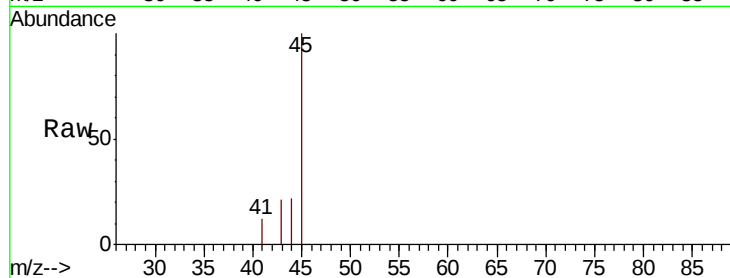
ClientSampleId :

Tot Ion: 43 Resp: 837

Ion Ratio Lower Upper

43 100

74 0.0 17.5 26.3#



#31

Cyclohexane

Concen: 0.997 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN060998.D

Acq: 16 Apr 2020 5:28

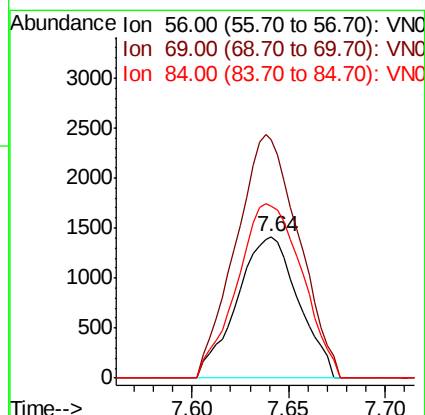
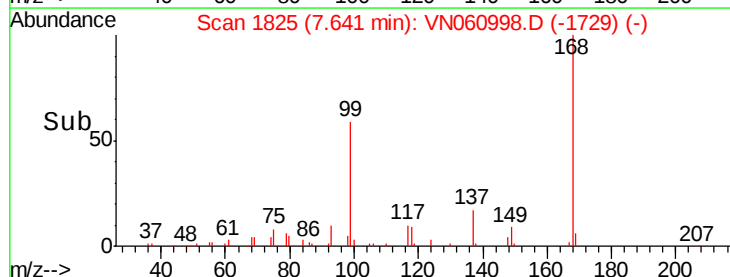
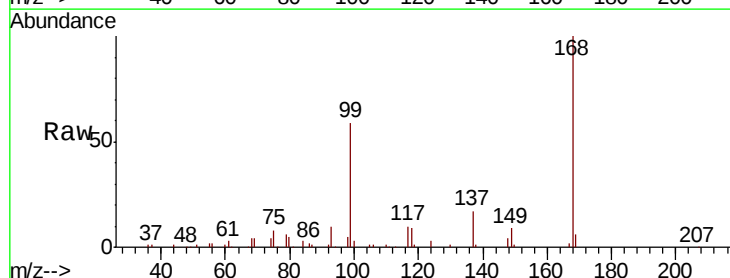
Tgt Ion: 56 Resp: 3124

Ion Ratio Lower Upper

56 100

69 168.3 26.6 40.0#

84 121.3 64.3 96.5#

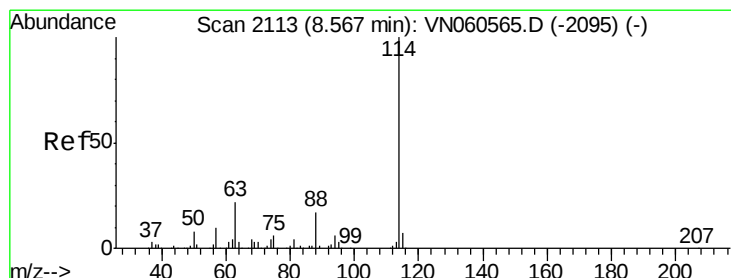
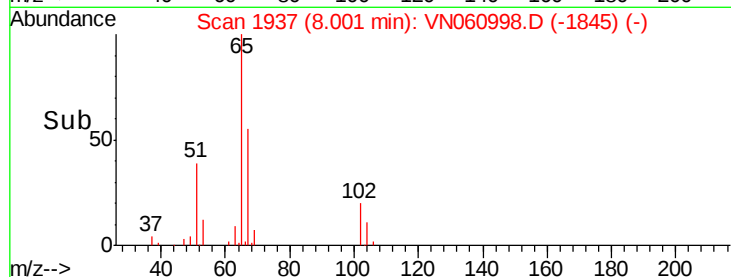
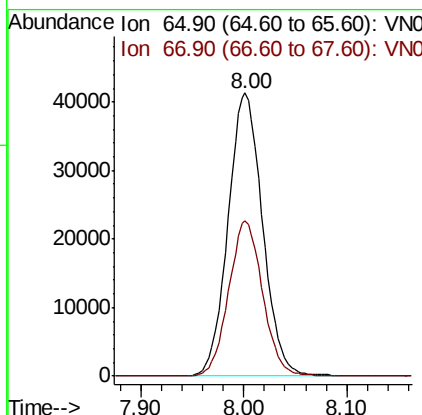
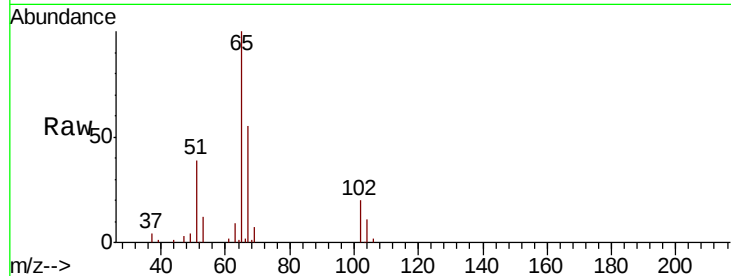




#33
 1,2-Dichloroethane-d4
 Concen: 49.494 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060998.D
 Acq: 16 Apr 2020 5:28

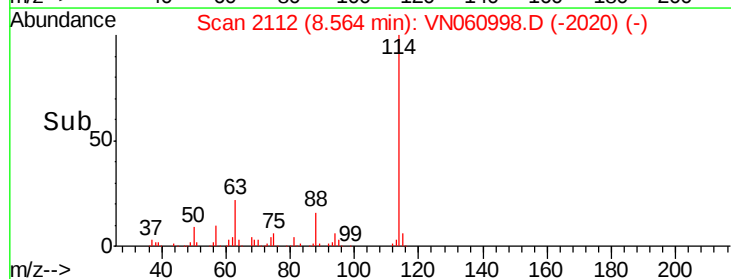
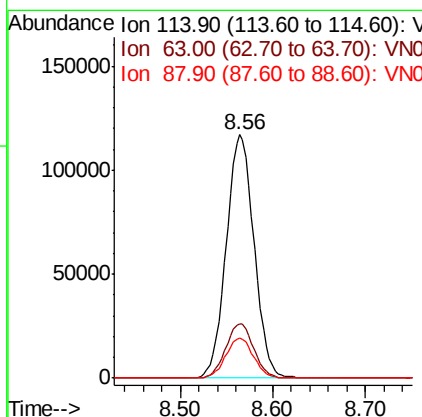
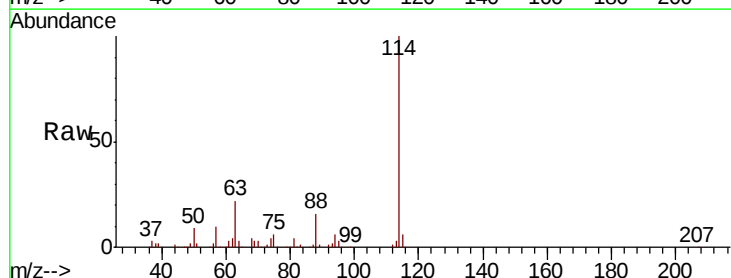
Instrument :
 MSVOA_N
 ClientSampleId :

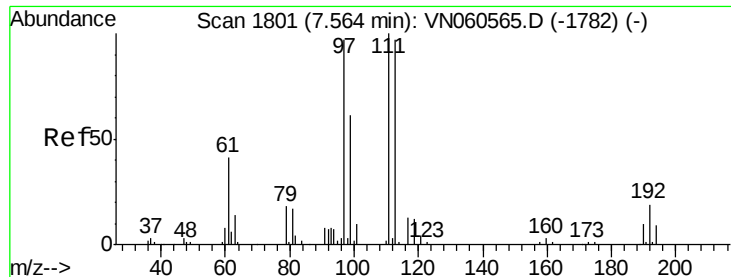
Tot Ion: 65 Resp: 96318
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060998.D
 Acq: 16 Apr 2020 5:28

Tgt Ion: 114 Resp: 243017
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.8
 88 16.3 0.0 33.0

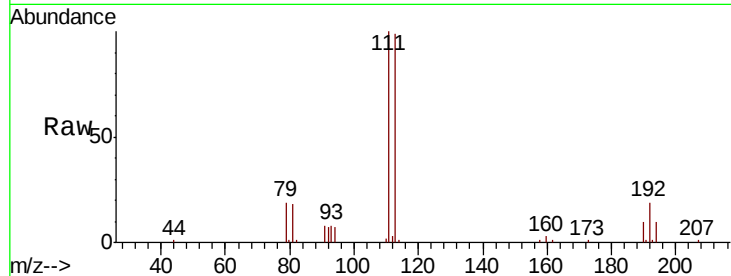




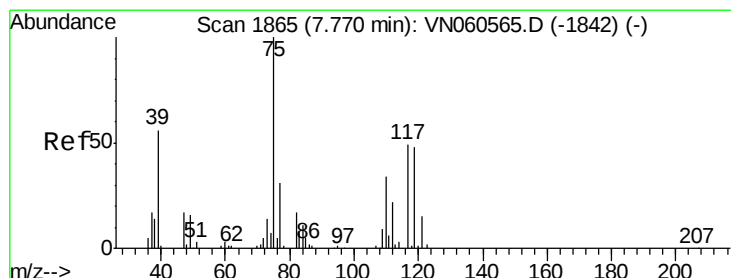
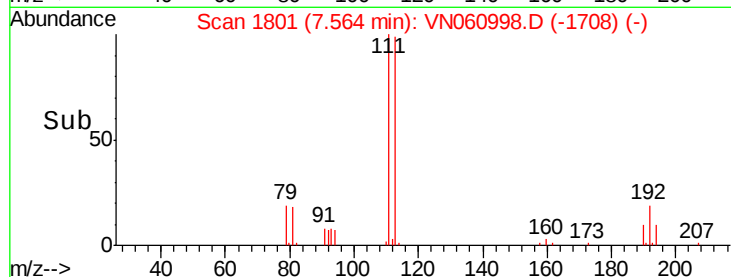
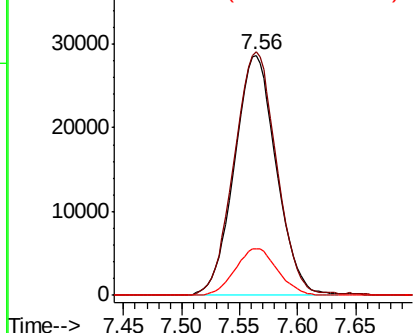
#35
 Dibromofluoromethane
 Concen: 48.957 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060998.D
 Acq: 16 Apr 2020 5:28

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 71940
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 19.5 15.8 23.8

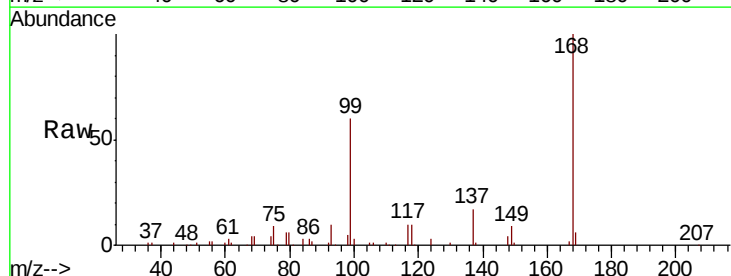


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

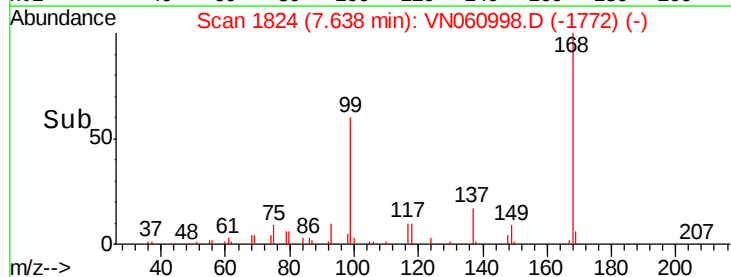
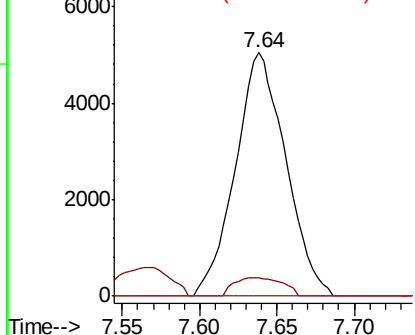


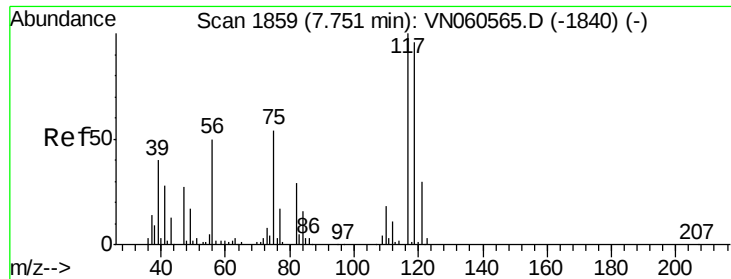
#36
 1,1-Dichloropropene
 Concen: 4.854 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN060998.D
 Acq: 16 Apr 2020 5:28

Tgt Ion: 75 Resp: 11423
 Ion Ratio Lower Upper
 75 100
 110 7.2 16.9 50.6#
 77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

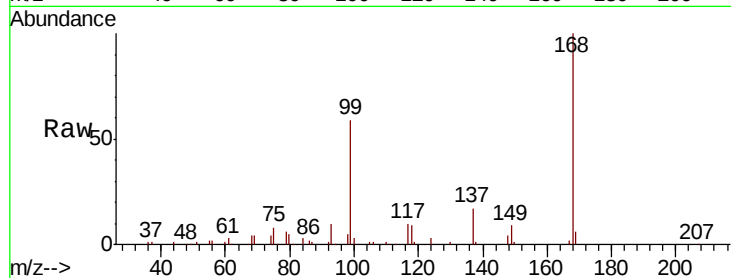




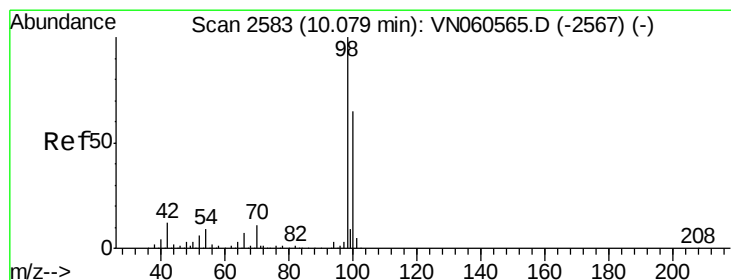
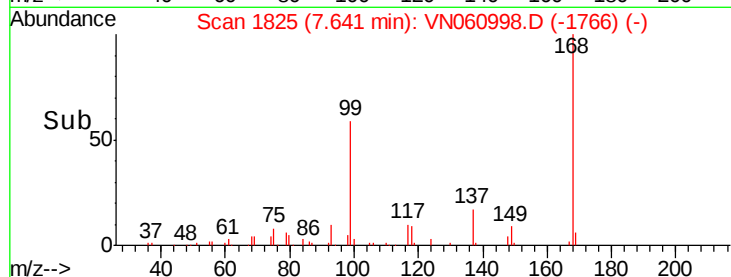
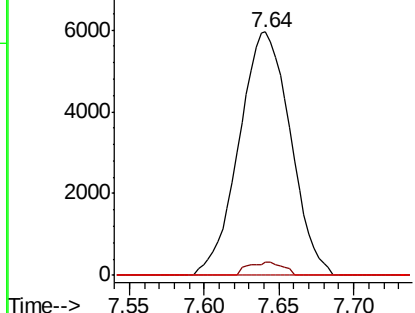
#38
Carbon Tetrachloride
Concen: 6.737 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN060998.D
Acq: 16 Apr 2020 5:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 14208
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 23.7 35.5#

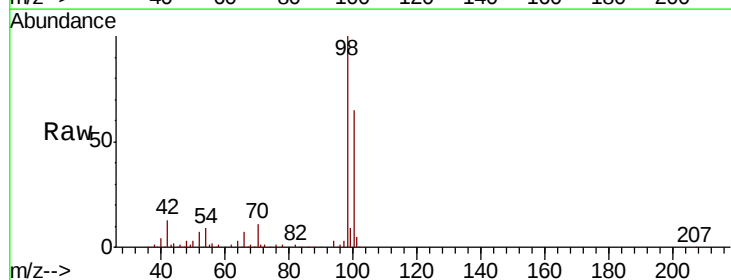


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

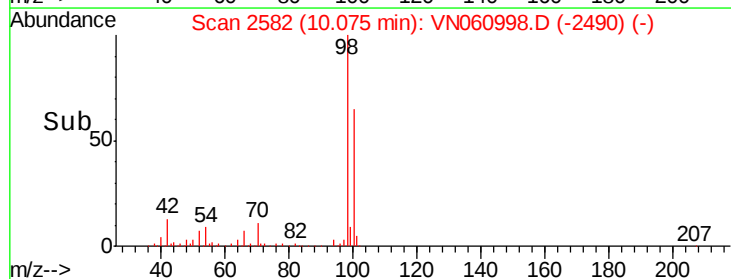
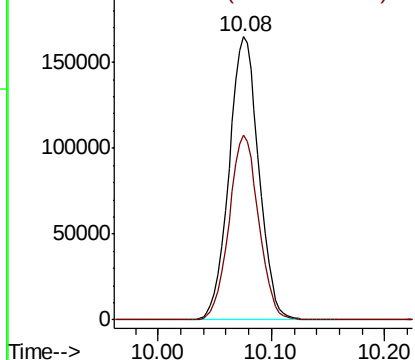


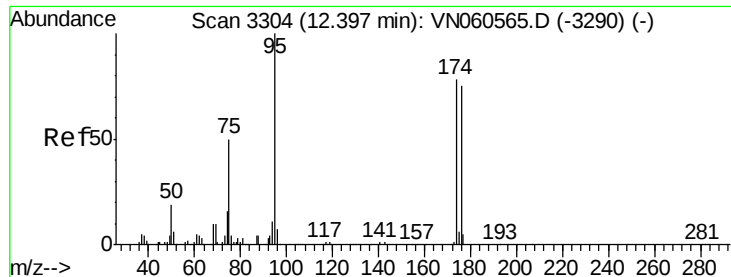
#50
Toluene-d8
Concen: 50.191 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060998.D
Acq: 16 Apr 2020 5:28

Tgt Ion: 98 Resp: 301251
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



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

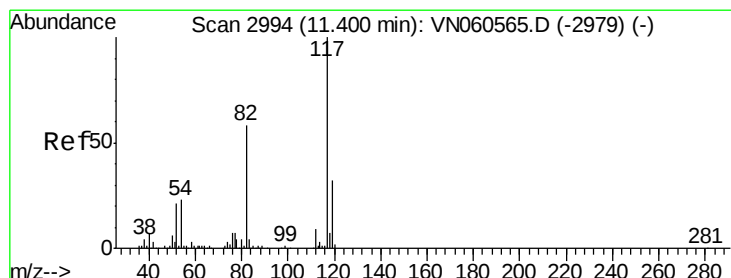
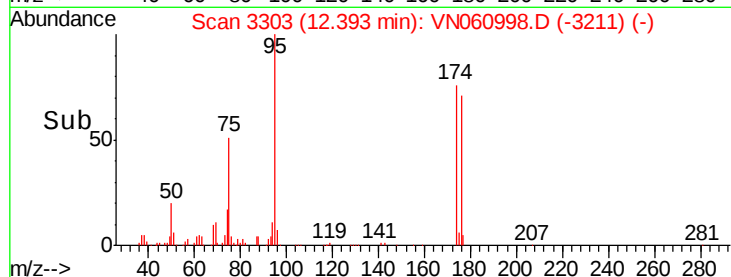
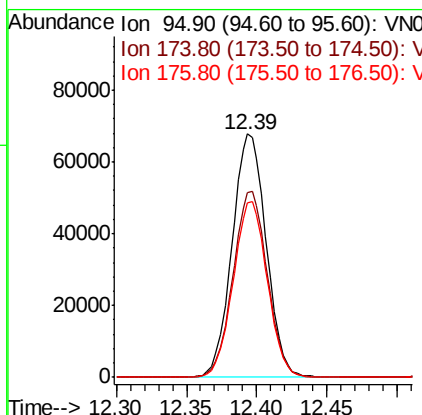
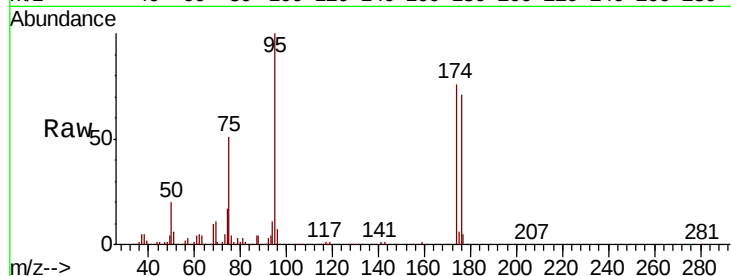




#62
4-Bromofluorobenzene
Concen: 52.152 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.00 min
Lab File: VN060998.D
Acq: 16 Apr 2020 5:28

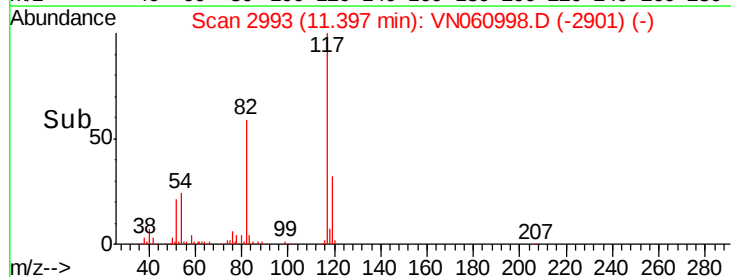
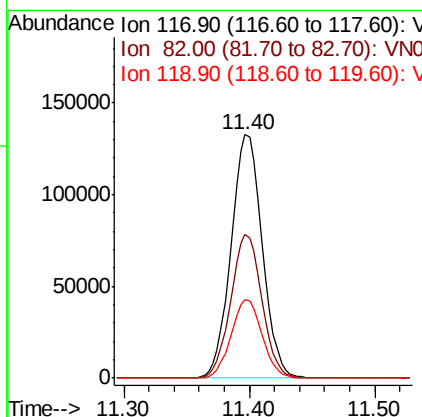
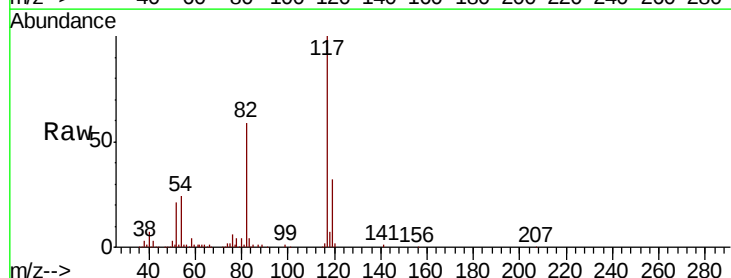
Instrument :
MSVOA_N
ClientSampleId :

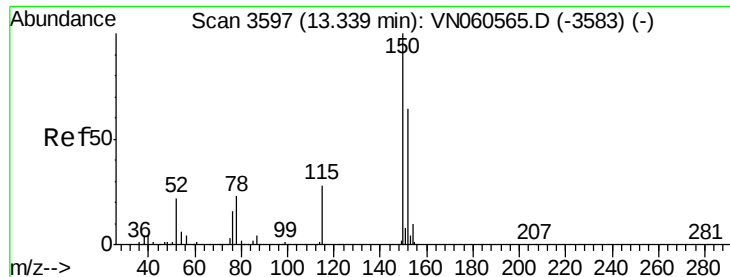
Tot Ion: 95 Resp: 114719
Ion Ratio Lower Upper
95 100
174 76.1 0.0 157.6
176 72.3 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060998.D
Acq: 16 Apr 2020 5:28

Tgt Ion: 117 Resp: 229099
Ion Ratio Lower Upper
117 100
82 58.8 46.7 70.1
119 32.1 25.5 38.3



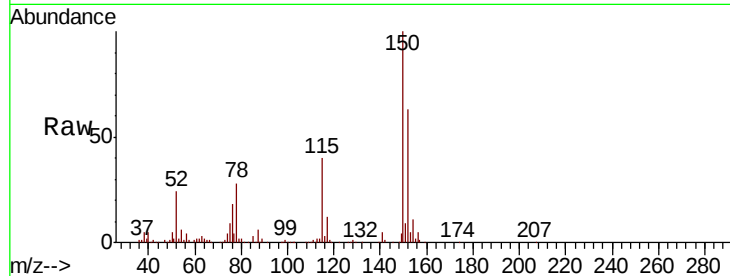


#72

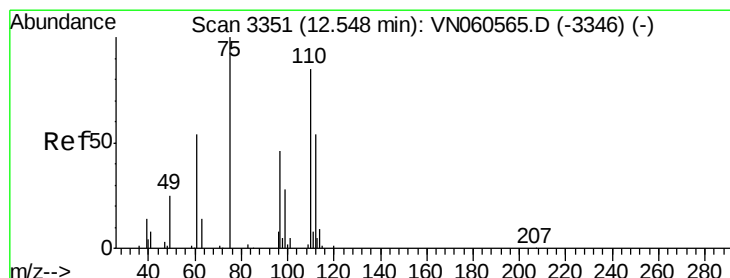
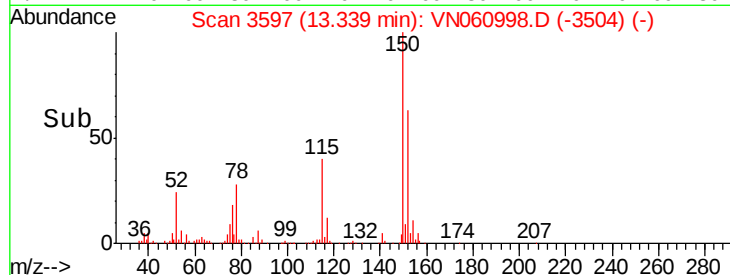
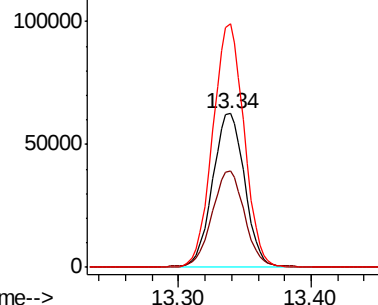
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060998.D
Acq: 16 Apr 2020 5:28

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.9	30.2	90.6
150	155.6	0.0	350.2



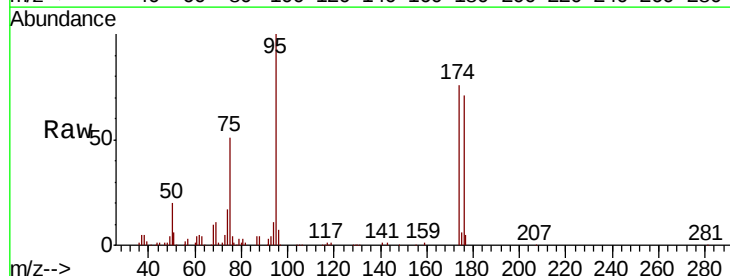
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



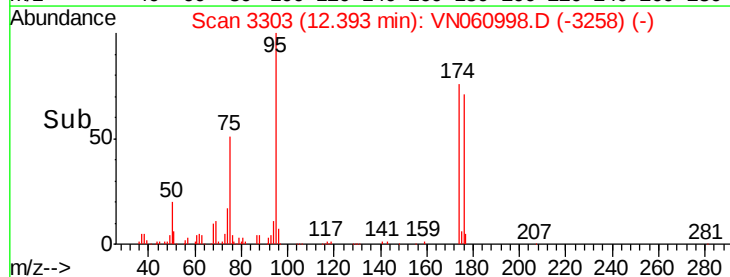
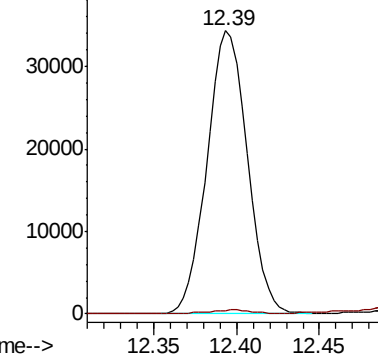
#76

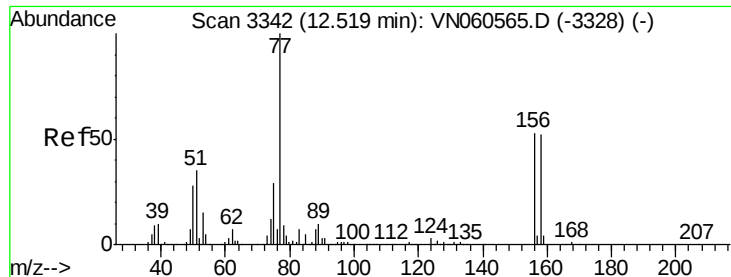
1,2,3-Trichloropropane
Concen: 25.711 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.15 min
Lab File: VN060998.D
Acq: 16 Apr 2020 5:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.821 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.01 min

Lab File: VN060998.D

Acq: 16 Apr 2020 5:28

Instrument :

MSVOA_N

ClientSampled :

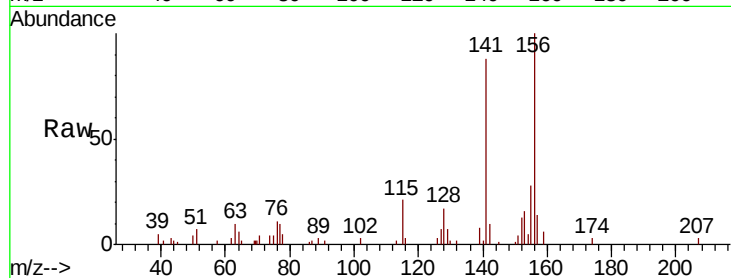
Tot Ion:156 Resp: 35535

Ion Ratio Lower Upper

156 100

77 11.8 112.3 337.0#

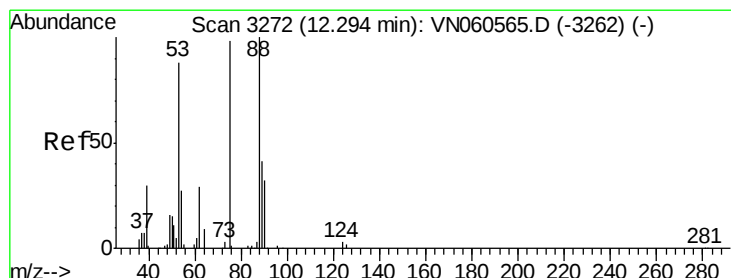
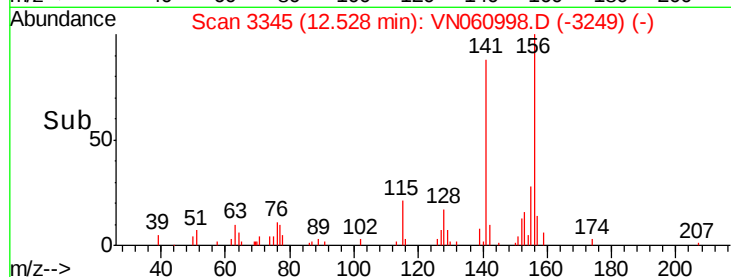
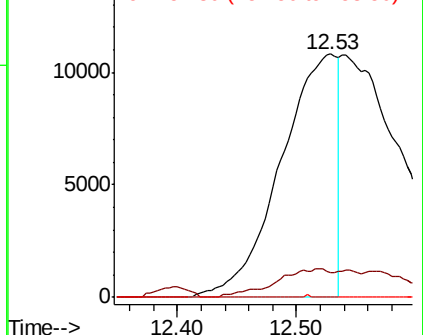
158 0.1 48.6 145.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 66.035 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN060998.D

Acq: 16 Apr 2020 5:28

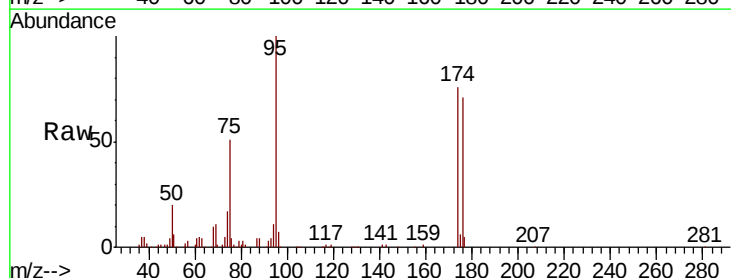
Tgt Ion: 75 Resp: 57924

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

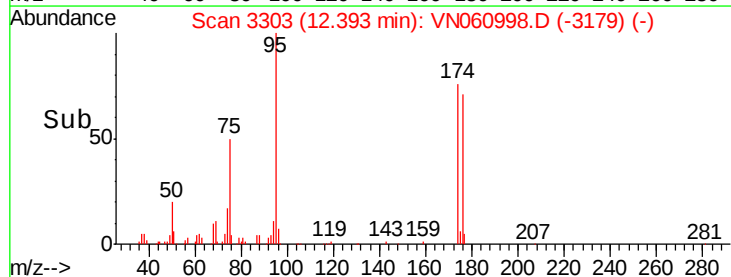
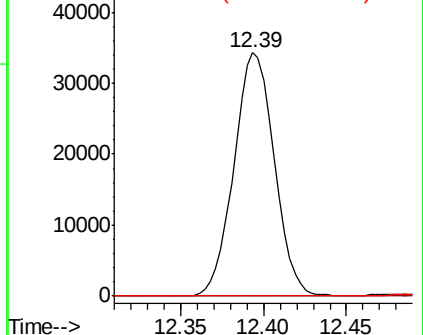
89 0.0 34.8 52.2#

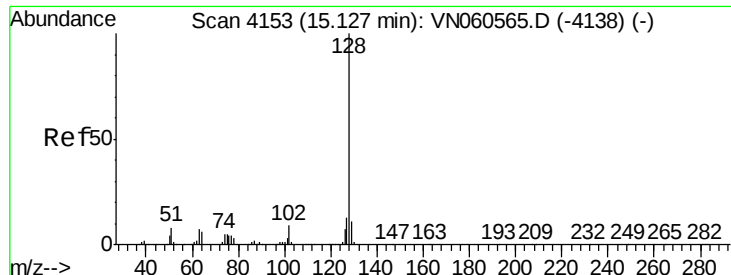


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

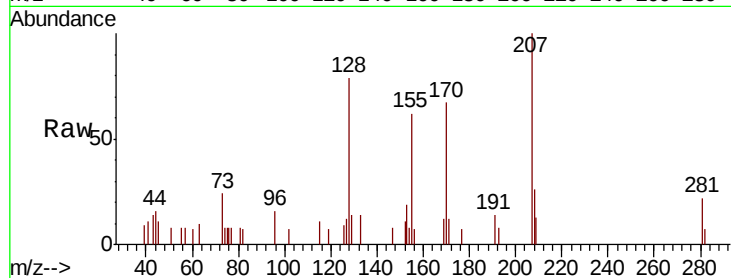




#95
Naphthalene
Concen: 0.736 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060998.D
Acq: 16 Apr 2020 5:28

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 4330
Ion Ratio Lower Upper
128 100
127 6.4 10.2 15.2#
129 16.4 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

